

January 7, 2013

Board of Governors, State University System of Florida

Request to Offer a New Degree Program

University of South Florida

University Submitting Proposal

Morsani College of Medicine

Name of College(s) or School(s)

Physician's Assistant

Academic Specialty or Field

51.0912

Proposed CIP Code

May 2015

Proposed Implementation Term

Internal Medicine

Name of Department(s)/ Division(s)

Master's Degree in Physician Assistant
Studies

Complete Name of Degree

The submission of this proposal constitutes a commitment by the university that, if the proposal is approved, the necessary financial resources and the criteria for establishing new programs have been met prior to the initiation of the program.

Date Approved by the University Board of
Trustees

President

Date

Signature of Chair, Board of
Trustees

Date

Vice President for Academic
Affairs

Date

Provide headcount (HC) and full-time equivalent (FTE) student estimates of majors for Years 1 through 5. HC and FTE estimates should be identical to those in Table 1 in Appendix A. Indicate the program costs for the first and the fifth years of implementation as shown in the appropriate columns in Table 2 in Appendix A. Calculate an Educational and General (E&G) cost per FTE for Years 1 and 5 (Total E&G divided by FTE).

Implementation Timeframe	Projected Enrollment (From Table 1)	
	HC	FTE
Year 1	20	24
Year 2	55	75
Year 3	100	119
Year 4	125	141
Year 5	135	145

Projected Program Costs (From Table 2)				
E&G Cost per FTE	E&G Funds	Contract & Grants Funds	Auxiliary Funds	Total Cost
\$61,627	\$1,501,843	\$0	\$0	\$1,501,843
\$27,088	\$3,923,665	\$0	\$0	\$3,923,665

Note: This outline and the questions pertaining to each section must be reproduced within the body of the proposal to ensure that all sections have been satisfactorily addressed. Tables 1 through 4 are to be included as Appendix A

and not reproduced within the body of the proposals because this often causes errors in the automatic calculations.

INTRODUCTION

I. Program Description and Relationship to System-Level Goals

- A. Briefly describe within a few paragraphs the degree program under consideration, including (a) level; (b) emphases, including concentrations, tracks, or specializations; (c) total number of credit hours; and (d) overall purpose, including examples of employment or education opportunities that may be available to program graduates.**

(a) Level: Masters

(b) Emphasis: The program will be distinctive in that our goal is to specifically attract and recruit US military veterans, active duty military as well as civilian students to the program. As such, this program will be an important component to our Veterans Reintegration and Resilience initiative. The Physician Assistant (PA) program at USF will emphasize primary care and offer elective sequences in primary care, mental health management and technical and procedural based interventions. Specific curriculum will include content in understanding and influencing social and environmental determinants of health and how to support military culture and families – all in an active, clinically-relevant fashion.

The USF PA program will also target students who are geographically bound to the Tampa Bay area and pending approval from the Accreditation Review Commission on Education for the Physician Assistant, Inc. (ARC-PA), we will also explore the ability to offer a decompressed first year curriculum offered via face-to-face and blended learning methodologies.

(c) Credit hours: Total 103 credit hours: 39 credit hours plus 64 credit hours for clinical rotation weeks.

(d) Overall purpose: With the impending physician shortages and the Patient Protection and Affordable Care Act with its emphasis on increased coverage and disease prevention, there will be a greater reliance on the services of mid-level providers such as physician assistants. As such, PA employment is expected to grow significantly between 2008–2018. Physician assistants with their generalist education, commitment to team-based practice, and relatively short training are ideally positioned to address both the short-term and long-term needs of the United States and the State of Florida. A PA program at the USF Morsani College of Medicine (MCOM) will help increase the number of licensed medical providers in Florida allowing for improved access to quality medical care for more Floridians.

- B. Describe how the proposed program is consistent with the current State University System (SUS) Strategic Planning Goals. Identify which specific goals the program will directly support and which goals the program will indirectly support. (See the SUS Strategic Plan at <http://www.flbog.org/about/strategicplan/>)**

This new PA program is fully aligned with several of the State University System Strategic Planning Goals. Specifically, this PA program will increase the number of degrees awarded in an existing critical needs STEM area by graduating 120 new PA graduates – when program is at full capacity. With a wholly new curriculum which will emphasize the needs of active military and returning veterans and their families, we fully expect this program will meet the goal of becoming an academic program with state, national and or international preeminence and one which increases degree productivity and program efficiency by including returning adult students. By working closely with our VA partner hospitals and many community health providers this new program will meet the goals of increasing and strengthening the quality and recognition of commitment to community and business engagements. Further, because we will specifically target students who are current residents of the state, this program will likely see graduates who chose to remain in Florida after their education, thereby meeting the goal of increased community and business workforce.

This program is aligned with the USF system strategic plan goals of Academic Excellence, Student Access and Student Success, Impactful Research, Economic Leadership and Community Engagement and Increased Academic and Administrative Collaborations.

C. If the program is to be included in an Area of Programmatic Strategic Emphasis as described in the SUS Strategic Plan, please indicate the category and the justification for inclusion.

The Areas of Programmatic Strategic Emphasis:

1. Critical Needs:

• Health Professions

The United States has long suffered from a shortage of primary care health professionals. The Association of American Medical Colleges estimated the nation would have a shortage of approximately 21,000 primary care physicians by 2015. Without action, experts project a continued primary care shortfall due to the needs of an aging population, and a decline in the number of medical students choosing primary care. Concomitant, the Patient Protection and Affordable Care Act expands coverage. There will be more patients waiting to see fewer and fewer doctors. The Association of American Medical Colleges projects that by 2015, in just three years, we'll be 63,000 (which includes the shortage of primary care physicians) physicians short of the number we need. This number could double by 2025.

Most experts believe that this shortage can be alleviated, not just by having more physicians, but by having physicians work in teams with other less highly trained specialists who can deliver good primary care

such as physician assistants and nurses. A physician assistant is a healthcare professional who is authorized by the state/province to practice medicine as part of a team with the direct or, more commonly, indirect supervision of a physician. Not only can PAs help reduce the demand on primary care doctors, they can they can extend the reach of physicians. Further, because all PAs are trained as generalists, they're able to provide some of that coordination primary-care-like services even if they're in a specialty practice.

It takes a long time to train a fully qualified physician. Training for PAs, however, is typically 24-30 months so PAs with a master's degree can enter the workforce more quickly.

2. Economic Development:

- Globalization
- **Regional Workforce Demand**

According to Lisa Shock, CEO of Hillsborough-based Utilization Solutions in Healthcare, "As millions more become insured through the efforts of healthcare reform, the question of who will treat these patients is a real concern. The United States has a deficit of nearly 40,000 primary care physicians, and this situation is expected to worsen as the population continues to age and as more patients enroll in healthcare exchanges. Upcoming PA students will be viewed as valued professionals in the nation's future healthcare workforce and therefore eligible for increased financial support through the National Health Service Corps' scholarship and loan repayment programs. Tapping these health professionals' expertise and ability in a primary care capacity will undoubtedly improve access to care and also promote workforce diversity."¹¹ This, coupled with research that suggests that the number of and availability of PA programs drives where a PA workforce is geographically distributed, leads to a compelling argument to add a PA educational program in the Tampa Bay area.³

The occupational group with the most online ads in July 2012 (as compiled by the Help Wanted OnLineTM data series from The Conference Board) were healthcare practitioners. Online job demand for STEM was strongest in the large metro areas, led by Hillsborough County, Miami-Dade County, Orange County, Broward County, Palm Beach County, and Duval County.

January 7, 2013

Top Advertised STEM Occupations for Florida	Online Ads July 2012	Online Ads July 2011
Florida Total Ads	65,000	56,588
Registered Nurses	17,553	14,063
Web Developers	4,786	3,694
Computer Systems Analysts	4,348	3,713
Computer Support Specialists	3,135	2,892
Accountants	3,041	2,533
Network and Computer Systems Administrators	2,487	2,149
Computer Software Engineers, Applications	2,389	1,886
Financial Managers, Branch or Department	1,831	1,848
Computer Programmers	1,709	1,560
Industrial Engineers	1,382	1,443
Information Technology Project Managers	1,273	1,127
Software Quality Assurance Engineers and Testers	1,241	990
Physician Assistants	1,023	647
Database Administrators	1,012	884
Computer and Information Systems Managers	979	833
Computer Systems Engineers/Architects	872	933
Financial Analysts	857	685
Auditors	772	674
Family and General Practitioners	764	857
Pharmacists	624	944

SOURCE: The Conference Board, Help Wanted OnLine, prepared by the Florida Department of Economic Opportunity, Labor Market Statistics Center.

3. Science, Technology, Engineering, and Math (STEM)

STEM Jobs In Demand, Statewide Summary—July 2012
STEM Occupational Demand by Major Groups

Top Advertised STEM Occupations by Major Group				
Major Group	Occupation	Online Ads July 2012	Online Ads July 2011	Percentage Change
Healthcare Practitioners and Technical Occupations		25,796	21,680	19.0%
	Registered Nurses	17,553	14,063	
	Physician Assistants	1,023	647	
	Family and General Practitioners	764	857	
Computer and Mathematical Occupations		25,164	21,563	16.7%
	Web Developers	4,786	3,694	
	Computer Systems Analysts	4,348	3,713	
	Computer Support Specialists	3,135	2,892	
Business and Financial Operations Occupations		5,168	4,276	20.9%
	Accountants	3,041	2,533	
	Financial Analysts	857	685	
	Auditors	772	674	
Architecture and Engineering Occupations		5,152	5,276	-2.4%
	Industrial Engineers	1,382	1,443	
	Electrical Engineers	624	657	
	Mechanical Engineers	611	652	
Management Occupations		3,969	3,759	5.6%
	Financial Managers, Branch or Department	1,831	1,848	
	Computer and Information Systems Managers	979	833	
	Treasurers and Controllers	464	390	
Life, Physical, and Social Science Occupations		871	833	4.6%
	Medical Scientists, Except Epidemiologists	403	425	
	Biological Technicians	99	93	
	Chemists	83	74	
Education, Training, and Library Occupations		749	798	-6.1%
	Health Specialties Teachers, Postsecondary	200	281	
	Nursing Instructors and Teachers, Postsecondary	165	158	
	Biological Science Teachers, Postsecondary	80	89	
Sales and Related Occupations		289	250	15.6%
	Sales Engineers	289	250	
Installation, Maintenance, and Repair Occupations		247	233	6.0%
	Medical Equipment Repairers	151	152	
	Electrical and Electronics Repairers, Commercial and Industrial	60	32	
	Computer, Automated Teller, and Office Machine Repairers	36	49	
Arts, Design, Entertainment, Sports, and Media Occupations		174	139	25.2%
	Broadcast Technicians	121	98	
	Commercial and Industrial Designers	33	25	
	Sound Engineering Technicians	20	16	
Production Occupations		59	81	-27.2%
	Numerical Tool and Process Control Programmers	58	81	
	Nuclear Power Reactor Operators	1	-	
Transportation and Material Moving Occupations		8	12	-33.3%
	Traffic Technicians	8	12	

SOURCE: The Conference Board, Help Wanted Online, prepared by the Florida Department of Economic Opportunity, Labor Market Statistics Center.

STEM Jobs In Demand, Statewide Summary— July 2012

Counties and Cities With the Most Ads for STEM

County	City	Online Ads July 2012	Online Ads July 2011
Hillsborough County		9422	7868
	Tampa	8385	7161
	Brandon	461	219
	Temple Terrace	276	251
Miami-Dade County		8216	6890
	Miami	6529	5532
	Hialeah	521	449
	Coral Gables	388	255
Orange County		7483	5875
	Orlando	6758	5359
	Winter Park	369	212
	Maitland	222	159
Duval County		6002	5146
	Jacksonville	5892	5067
	Jacksonville Beach	62	34
	Mayport	32	19
Palm Beach County		5600	4520
	Boca Raton	1784	1193
	West Palm Beach	1491	1345
	Delray Beach	415	403
Broward County		5557	4905
	Fort Lauderdale	2808	2484
	Hollywood	427	380
	Miramar	427	483
Pinellas County		4402	3812
	Saint Petersburg	2349	1872
	Clearwater	986	875
	Largo	425	336

SOURCE: The Conference Board, Help Wanted OnLine, prepared by the Florida Department of Economic Opportunity, Labor Market Statistics Center.

- D. Identify any established or planned educational sites at which the program is expected to be offered and indicate whether it will be offered only at sites other than the main campus.

The program will be offered at the University of South Florida Morsani College of Medicine, on the Tampa (main) campus only.

INSTITUTIONAL AND STATE LEVEL ACCOUNTABILITY

II. Need and Demand

- A. Need: Describe national, state, and/or local data that support the need for more people to be prepared in this program at this level. Reference national, state, and/or local plans or reports that support the need for this program and requests for the proposed program

which have emanated from a perceived need by agencies or industries in your service area. Cite any specific need for research and service that the program would fulfill.

Nationally, employment of PAs is expected to increase 30% from 2010 to 2020 – much faster than the average for all occupations. The Centers for Medicare and Medicaid Services maintains the National Provider Identifier (NPI) dataset, which listed approximately 70,000 practicing PAs in 2010. The estimate represents approximately 10,000 fewer practicing PAs than projections by the American Academy of Physician Assistants (AAPA) in a 2008 survey.² For job potential, Forbes rated physician assistant No. 1 and nursing No. 7 among master's degree programs.⁴ Physician assistants and nurses made the U.S. News and World Report list of the top 50 best careers, and physician assistant was ranked No. 9 among top jobs for working parents by CNN Money.^{5,6} Further, the median annual wage for physician assistant in May 2010 was reported as \$86,410 by the US Bureau of Labor Statistics.

- B. Demand: Describe data that support the assumption that students will enroll in the proposed program. Include descriptions of surveys or other communications with prospective students.**

USF has a Pre-PA society with more than 30 active members and an active Facebook group showing 166 members under the name “Pre-Physician Assistant Society USF”. Faculty advisors in the USF College of Art and Sciences have indicated that many of the students they counsel are interested in a PA program and most all would be very interested in pursuing such a degree at USF if such a program became available.

- C. If substantially similar programs (generally at the four-digit CIP Code or 60 percent similar in core courses), either private or public exist in the state, identify the institution(s) and geographic location(s). Summarize the outcome(s) of communication with such programs with regard to the potential impact on their enrollment and opportunities for possible collaboration (instruction and research). In Appendix B, provide data that support the need for an additional program as well as letters of support, or letters of concern, from the provosts of other state universities with substantially similar programs.**

	Type of Institution	Geographic Location
University of Florida	Public, Non-Profit	Gainesville
NOVA Southeastern	Private	Ft. Lauderdale, Jacksonville, Fort Meyers
Barry University	Private	Miami Shores, St. Petersburg, St. Croix, Virgin Islands
Miami Dade	Public, Non-Profit	Miami
South University	Private, For-Profit	Tampa
Keiser University	Private, For-Profit	Ft. Lauderdale
University of St. Augustine for Health Sciences	Private	St. Augustine

The University of Florida is the only SUS School which offers a Master's degree in Physician Assistant Studies. As such, a letter from Stephen Klasko, Dean of the Morsani College of Medicine was sent to Dr. Michael Good, Dean of the University of Florida's College of Medicine in November 2012. The letter provided an overview of the proposed program as well as the key reasons USF is pursuing the development of a PA program. Dr. Klasko indicated he welcomed the opportunity to collaborate with Dr. Good on this and other initiatives. We have not received any feedback thus far.

- D. Use Table 1 in Appendix A (A for undergraduate and B for graduate) to categorize projected student headcount (HC) and Full Time Equivalents (FTE) according to primary sources. Generally undergraduate FTE will be calculated as 40 credit hours per year and graduate FTE will be calculated as 32 credit hours per year. Describe the rationale underlying enrollment projections. If, initially, students within the institution are expected to change majors to enroll in the proposed program, describe the shifts from disciplines that will likely occur.

The enrollment projections show in Table 1 of Appendix A reflect our goal and vision to primarily recruit students who are geographically bound to the Tampa Bay area - both for students who have recently graduated with a bachelor's degree from USF as well as students from agencies/industries – particularly the military. We expect that less than half of all recruited students will be students who graduated from other Florida public universities or who are from out-of-state. We do not expect student within USF to change majors to enroll in the proposed program.

- E. Indicate what steps will be taken to achieve a diverse student body in this program. If the proposed program substantially duplicates a program at FAMU or FIU, provide, (in consultation with the affected university), an analysis of how the program might have an impact upon that university's ability to attract students of races different from that which is predominant on their campus in the subject program. The university's Equal Opportunity Officer shall review this section of the proposal and then sign and date in the area below to indicate that the analysis required by this subsection has been reviewed and approved.

We will advertise this program broadly throughout Florida and the US in all publications, including those that focus on student diversity and academic programs. This will include Diverse Issues in Higher Education (formerly Issues in Higher Education) <http://www.diverseeducation.com/index.asp> and Hispanic Outlook Magazine <http://www.hispanicoutlook.com/>. We also will utilize the Voice of Hispanic Higher Education magazine. For international and domestic students we will advertise in the International Educator magazine, the Chronicle of Higher Education, and the Connections magazine through EducationUSA.

We will utilize the College's existing marketing and recruitment strategies through professional associations and conferences and other mediums and venues, such as social networking, together with collaborating with other institutional Colleges and the Office of International Affairs to promote the program. We will utilize the Hispanic Association of Colleges and Universities, Florida/Georgia Louis Stokes Alliance for Minority Participation, National McNair Scholars Research Conference,

January 7, 2013

the American Biomedical Research Conference for Minority Students and the Southern Regional Education Board meetings and programs. We will consult with USF's partnering international institutions in China, the United Kingdom, India and the City of Knowledge in Panama.



Signature of Equal Opportunity Officer



Date

III. Budget

- A. Use Table 2 in Appendix A to display projected costs and associated funding sources for Year 1 and Year 5 of program operation. Use Table 3 in Appendix A to show how existing Education & General funds will be shifted to support the new program in Year 1. In narrative form, summarize the contents of both tables, identifying the source of both current and new resources to be devoted to the proposed program. (Data for Year 1 and Year 5 reflect snapshots in time rather than cumulative costs.) If the university intends to operate the program through continuing education on a cost-recovery basis or market rate, provide a rationale for doing so and a timeline for seeking Board of Governors' approval, if appropriate.

The PA Program's I&R costs for year 1 are projected to be \$1,501,843. The majority of the costs are estimated to come from personnel expenses (87%) with 5.10 Faculty FTE, 7.95 A&P FTE, and 1.00 USPS FTE being on board by June 1, 2015. We anticipate that E&G will be the sole funding source with Tuition bringing in \$341,843 and new General Revenue funding being provided on a recurring basis equal to \$8,000 per FTE at a program capacity of 145 FTE (\$1,160,000). The E&G cost per FTE will be approximately \$62k in year 1.

By year 5, I&R costs are projected to be \$3,923,665 which will support 17.48 Faculty FTE, 8.95 A&P FTE, and 1.50 USPS FTE on a continual basis. E&G is estimated to be the sole source of funding with \$3,652,686 of continuing base support (General Revenue and Tuition) and \$270,979 being generated from expected tuition increases.

- B. If other programs will be impacted by a reallocation of resources for the proposed program, identify the program and provide a justification for reallocating resources. Specifically address the potential negative impacts that implementation of the proposed program will have on related undergraduate programs (i.e., shift in faculty effort, reallocation of instructional resources, reduced enrollment rates, greater use of adjunct faculty and teaching assistants). Explain what steps will be taken to mitigate any such impacts. Also, discuss the potential positive impacts that the proposed program might have on related undergraduate programs (i.e., increased undergraduate research opportunities, improved quality of instruction associated with cutting-edge research, improved labs and library resources).

We believe that adding this program will add another health care related field of choice for students who are interested in health care professions but who do not meet the more rigorous undergraduate science requirements for the MD degree program.

We do not anticipate that any existing programs in the College of Medicine will be

adversely impacted by the proposed program or that exiting educational activities will be impacted by any reallocation of resources.

- C. Describe other potential impacts on related programs or departments (e.g., increased need for general education or common prerequisite courses, or increased need for required or elective courses outside of the proposed major).**

There should be no impacts on related programs or departments in the Morsani College of Medicine. All accepted students will be required to have completed a bachelor's degree. The program will be delivered by a number of existing USF Health faculty together with the recruitment of selected new faculty. The proposed enrollment should not place undue burden on faculty commitment nor the institutional budget.

- D. Describe what steps have been taken to obtain information regarding resources (financial and in-kind) available outside the institution (businesses, industrial organizations, governmental entities, etc.). Describe the external resources that appear to be available to support the proposed program.**

We believe there may be various grant and sponsorship opportunities to assist with the funding of students and further development of this new degree program. In August 2012, Health and Human Services (HHS) Secretary Kathleen Sibelius announced \$2.3 million in grants to train primary care physician assistants and help veterans transition from the military to civilian PA careers when they return home. While these awards have already been granted, we believe that there will continue to be federal funding to help support this and other veteran's reintegration initiatives.

Further, USF's Veterans Reintegration and Resilience initiative will be an invaluable asset to the new program. With its mission to provide the best care possible for our veterans and their families and a specific focus on the treatment of behavioral health disorders – one of the unique curricula elements of this PA program, we believe this new PA program will become another strong component to the USF Veteran's Reintegration Initiative.

IV. Projected Benefit of the Program to the University, Local Community, and State

Use information from Tables 1 and 2 in Appendix A, and the supporting narrative for "Need and Demand" to prepare a concise statement that describes the projected benefit to the university, local community, and the state if the program is implemented. The projected benefits can be both quantitative and qualitative in nature, but there needs to be a clear distinction made between the two in the narrative.

There will be considerable benefit to the Morsani College of Medicine (MCOM), USF Health and the University of South Florida with the development of this program. The USF MCOM PA program will support many of the SUS Strategic Planning Goals as well as the University's goal to increase the number of graduates in high work force demand fields – particularly STEM disciplines. Further, this program will contribute to the Board of Governors' and USF goals to increase levels of community and business engagement. This program will broaden our partnerships with our local VA affiliates, enhance our Veterans Reintegration and Resilience initiative, and will strengthen our commitment and

ties to the Villages Health System, Tampa General Hospital, and our new ties with Lakeland Regional Medical Center.

Physician assistants with their generalist education, commitment to team-based practice, and relatively short training are ideally positioned to address both the short-term and long-term needs of the nation and the state of Florida. A PA program at the MCOM will help increase the number of licensed medical providers in Florida allowing for improved access to quality medical care for more Floridians.

Additionally, we would like to develop a “*bridge*” program for qualified applicants lacking necessary prerequisites as well as a pathway for incoming USF freshman to apply to a 4 + 2 program. This type of program will allow for a direct path for qualified freshmen to acquire the necessary academic prerequisites as well as obtain hands-on clinical experience that will prepare them for the rigors of the program.

V. Access and Articulation – Bachelor’s Degrees Only

- A. If the total number of credit hours to earn a degree exceeds 120, provide a justification for an exception to the policy of a 120 maximum and submit a separate request to the Board of Governors for an exception along with notification of the program’s approval. (See criteria in Board of Governors Regulation 6C-8.014)

Not applicable.

- B. List program prerequisites and provide assurance that they are the same as the approved common prerequisites for other such degree programs within the SUS (see the [Common Prerequisite Manual](#) at FACTS.org). The courses in the Common Prerequisite Counseling Manual are intended to be those that are required of both native and transfer students prior to entrance to the major program, not simply lower-level courses that are required prior to graduation. The common prerequisites and substitute courses are mandatory for all institution programs listed, and must be approved by the Articulation Coordinating Committee (ACC). This requirement includes those programs designated as “limited access.”

If the proposed prerequisites are not listed in the Manual, provide a rationale for a request for exception to the policy of common prerequisites. NOTE: Typically, all lower-division courses required for admission into the major will be considered prerequisites. The curriculum can require lower-division courses that are not prerequisites for admission into the major, as long as those courses are built into the curriculum for the upper-level 60 credit hours. If there are already common prerequisites for other degree programs with the same proposed CIP, every effort must be made to utilize the previously approved prerequisites instead of recommending an additional “track” of prerequisites for that CIP. Additional tracks may not be approved by the ACC, thereby holding up the full approval of the degree program. Programs will not be entered into the State University System Inventory until any exceptions to the approved common prerequisites are approved by the ACC.

Not applicable.

- C. If the university intends to seek formal Limited Access status for the proposed program, provide a rationale that includes an analysis of diversity issues with respect to such a

designation. Explain how the university will ensure that community college transfer students are not disadvantaged by the Limited Access status. NOTE: The policy and criteria for Limited Access are identified in Board of Governors Regulation 6C-8.013. Submit the Limited Access Program Request form along with this document.

Not applicable.

- D. If the proposed program is an AS-to-BS capstone, ensure that it adheres to the guidelines approved by the Articulation Coordinating Committee for such programs, as set forth in Rule 6A-10.024 (see [Statewide Articulation Manual](#) at FACTS.org). List the prerequisites, if any, including the specific AS degrees which may transfer into the program.

Not applicable.

INSTITUTIONAL READINESS

VI. Related Institutional Mission and Strength

- A. Describe how the goals of the proposed program relate to the institutional mission statement as contained in the SUS Strategic Plan and the University Strategic Plan.

The proposed PA program is fully aligned with the State University System Strategic Planning Goals of Access and Degree Production to:

- Meet Statewide Professional and Workforce Needs
- Build World-Class Academic Programs and Research Capacity
- Meet Community Needs
- Fulfill Unique Institutional Responsibilities.

It will also respond to State University System (SUS) critical needs in health professions and regional workforce demands. The goals for PA program are a match with the USF system strategic plan goals in relation to:

- Achieving Academic Excellence
- Providing for Student Access and Student Success
- Insuring Impactful Research, Economic Leadership and Community Engagement
- Increasing Academic and Administrative Collaborations.

The PA program is being designed to meet and exceed the USF's goal to increase the number of graduates in high work force demand fields – particularly STEM-Health disciplines. Further, the PA program will contribute to the Board of Governors' continuing focus on increasing the level of community and business engagement with a focus on Florida.

This PA program will increase the number of degrees awarded in an existing critical needs STEM-Health area by graduating 120 new PA graduates each year– when the program is at full capacity. With a new curriculum which will emphasize the needs of active military and returning veterans and their families, USF fully expects this program will meet and exceed the goal of becoming an academic program with state, national and or international preeminence. The PA program affords the opportunity to provide returning adult students further their personal career growth through

degree productivity and program efficiency. USF will continue to collaborate with our partners, such as the local VA hospitals and many community health providers to provide excellent internship and clinical experiences. The PA program will increase and strengthen the quality and recognition of a commitment to community and business engagements. USF is committed to specifically target students who are current residents of the State of Florida. The PA program is likely to create graduates who chose to remain in Florida after their education, thereby meeting the goal of an better educated health workforce.

B. Describe how the proposed program specifically relates to existing institutional strengths, such as programs of emphasis, other academic programs, and/or institutes and centers.

The USF MCOM PA program will build upon the already strong foundations of the medical, pharmacy, physical therapy and nursing curriculums to provide the most advanced and focused PA education possible. Our curriculum will respond to the need to increase access to primary care providers and we will also leverage USF Health's unique opportunity to use simulation for training in technical and procedural based specialties. Students will be educated side by side with medical, physical therapy, pharmacy, nursing and other health care students to develop inter-professional collaboration and communication skills that will allow them to become health care providers for our next generation. Our affiliations with Tampa General Hospital, two VA hospitals (James A. Haley and Bay Pines) and our new partnership with Lakeland Regional Medical Center (the fifth largest hospital in Florida and the state's largest single-site emergency department) will provide many clinical rotation opportunities for these students. Further, the USF MCOM's close partnership with The Villages Health System will allow students to dedicate time to learning about the unique issues affecting geriatric health care.

C. Provide a narrative of the planning process leading up to submission of this proposal. Include a chronology (table) of activities, listing both university personnel directly involved and external individuals who participated in planning. Provide a timetable of events necessary for the implementation of the proposed program.

Planning Process

Date	Participants	Planning Activity
January 2012 – March 2012	Monroe, Ekarius, Barber, Koehler, Strobbe	Conducted initial demand and feasibility study
April – June 2012	Monroe, Klasko, Ekarius, Petersen, Morrison-Beedy, Sneed, Quillen	Discussion of potential USF PA program at USF Health Leadership Meeting

Events Leading to Implementation

January 7, 2013

Date	Implementation Activity
July 2012 – November 2012	Program planning and development
October 2012	Initial discussion with MCOM Curriculum Committee and Graduate Education Council
October 2012	MCOM Faculty Council
October 2012	APPCC review and approval
November 2012	MCOM Curriculum Committee and Graduate Education Council
December 2012	Pending: Graduate Council Approval
	Pending: Academic Campus Environment (ACE) workgroup
	Pending: Review by ACE workgroup
	Pending: Review by Board of Trustees
	Pending: Review of Board of Governors
	Pending: Program implementation

VII. Program Quality Indicators - Reviews and Accreditation

Identify program reviews, accreditation visits, or internal reviews for any university degree programs related to the proposed program, especially any within the same academic unit. List all recommendations and summarize the institution's progress in implementing the recommendations.

The MCOM PA program is currently listed on the ARC-PA website as an applicant program. Applicant programs are active in the development of PA programs, in preparation for entry into accreditation by the ARC-PA via the provisional accreditation pathway. The ARC-PA has determined that the institutions listed meet the basic eligibility requirements to apply for accreditation, as noted in the accreditation *Standards*. They do not yet possess an accreditation status from the ARC-PA, nor is their listing here any guarantee that they will achieve provisional accreditation. Other institutions actively developing a PA program have chosen not to be listed at this point in time.

A feasibility study/needs assessment and supporting documentation along with application materials submitted to (ARC-PA) is due in December, 2013.

The ARC-PA site visit is currently scheduled for February 24-25, 2014.

ARC-PA agenda meeting for accepting provisional applications is scheduled for September 2014.

VIII. Curriculum

- A. Describe the specific expected student learning outcomes associated with the proposed program. If a bachelor's degree program, include a web link to the Academic Learning Compact or include the document itself as an appendix.**

Successful graduates of the USF MCOM PA Program will have completed a course of study following the guidelines set forth by ARC-PA and reflected in the Competencies for the Physician Assistant Profession.
(<http://www.nccpa.net/pdfs/definition%20of%20pa%20competencies%203.5%20for%20publication.pdf>).

The competencies are a comprehensive document outlining the necessary skills, knowledge, judgment and attitudes developed by representatives from the National Commission on Certification of Physician Assistants (NCCPA), ARC-PA, the Physician Assistant Education Association (PAEA), and the American Academy of Physician Assistants (AAPA).

The Competencies for the PA profession mirror and parallel the competencies utilized for graduate medical education, in general, and outlined in “An Introduction to Competency-based Residency Education” by the Accreditation Council for Graduate Medical Education (ACGME). The objectives and outcomes measured by the USF MCOM PA program closely mirror these competencies.

Upon the successful completion of the requirements for the program of study leading to the MPAS degree, the student will have demonstrated the following knowledge, skills, attitudes, emotional maturity, leadership skills and values across the life span and in multiple settings demonstrating the ability to function in a medical team.

Medical knowledge

Medical knowledge includes an understanding of the physiological, molecular, biochemical, genetic and cellular systems necessary for normal function and associated with the abnormal function of these systems in various disease states. The successful graduate will be able to:

- Demonstrate knowledge of the structure and function of the body, the molecular, genetic, biochemical and cellular mechanisms that are important in maintaining the body's homeostasis, and the pathogenesis and epidemiology of disease states and conditions.
- Demonstrate the appropriate use of methods and procedures for detection, diagnosis, and treatment of disease states.
- Identify the complex interaction of physical, psychological, social, economic, cultural, and developmental factors that contribute to illness and disease.
- Manage the appropriate methods for prevention of disease and promotion of health.
- Appreciate the impact that illness has on the patient, the patient's family, the community, the physician and other health care professionals.
- Demonstrate understanding of the theories and principles that govern ethical decision-making and the major ethical dilemmas in health care.
- Understand the components of health care that influence the organization, financing and delivery of health care.
- Understand the methods necessary to engage in lifelong learning to stay abreast of relevant scientific and societal advances.

Interpersonal & communication skills

Interpersonal and communication skills encompass verbal, nonverbal, and written exchange of information. Physician assistants must demonstrate interpersonal and

communication skills that result in effective information exchange with patients, their patients' families, physicians, other health care providers, and the health care system. Upon completion of the Physician Assistant Program, graduates are expected to:

- Create and sustain a therapeutic and ethically sound relationship with patients.
- Use effective listening, nonverbal, explanatory, questioning, and writing skills to elicit and provide information.
- Appropriately adapt communication style and messages to the context of the individual patient interaction.
- Work effectively with physician and other health care professionals as a member or leader of a health care team or other professional group.
- Demonstrate emotional resilience and stability, adaptability, flexibility, tolerance of ambiguity and anxiety, and understanding of human behaviors.
- Accurately and adequately document and record information regarding the care process for medical, legal, quality, and financial purposes.

Patient care

Patient care includes age appropriate assessment, evaluation, and management. Physician Assistants must demonstrate care that is effective, patient-centered, timely, efficient, and equitable for the treatment of health problems and the promotion of wellness. Upon completion of the physician assistant program, graduates are expected to:

- Work effectively with physicians and other health care professionals to provide evidence-based, patient-centered care.
- Demonstrate caring and respectful behaviors when interacting with patients and their families.
- Gather essential and accurate information about their patients.
- Make informed decisions about diagnostic and therapeutic interventions based on patient information and preferences, up-to-date scientific evidence, and clinical judgment.
- Develop and carry out patient management plans.
- Counsel and educate patients and their families.
- Competently perform medical and surgical procedures considered essential in the area of practice.
- Provide health care services and education aimed at preventing health problems or maintaining health.

Professionalism

Professionalism is the expression of positive values and ideals as care is delivered. Foremost, it involves prioritizing the interests of those being served above one's own. Physician Assistants must know their professional and personal limitations. Professionalism also requires that PAs practice without impairment from substance abuse, cognitive deficiency, or mental illness. Physician assistants must demonstrate a high level of responsibility, ethical practice, sensitivity to a diverse patient population, and adherence to legal and regulatory requirements. Upon completion of the Physician Assistant Program, graduates are expected to:

- Understand legal and regulatory requirements, as well as the appropriate role of the physician assistant.
- Develop and maintain professional relationships with physician supervisors and other health care providers.
- Demonstrate respect, compassion, and integrity and responsiveness to the needs of patients and society.
- Be accountable to patients, society, and the profession.
- Demonstrate commitment to excellence and ongoing professional development.
- Uphold ethical principles pertaining to the provision or withholding of clinical care, confidentiality of patient information, informed consent, and business practices.
- Demonstrate sensitivity and responsiveness to patients' culture, age, gender, and disabilities.
- Display self-reflection, critical curiosity, and initiative.

Practice-based learning and improvement

Practice-based learning and improvement includes the processes through which clinicians engage in critical analysis of their own practice experience, the medical literature, and other information resources for the purpose of self-improvement. Physician assistants must be able to assess, evaluate, and improve their patient care practices. Upon completion of the Physician Assistant Program, graduates are expected to:

- Analyze practice experience and perform practice-based improvement activities using a systematic methodology in concert with other members of the health care delivery team.
- Locate, appraise, and integrate evidence from scientific studies related to their patients' health problems.
- Obtain and apply information about their population of patients and the larger population from which their patients are drawn.
- Apply knowledge of study designs and statistical methods to the appraisal of clinical studies and other information on diagnostic and therapeutic effectiveness.
- Apply information technology to manage information, access online medical information, and support their personal educational needs.
- Facilitate the learning of students and/or other health care professionals.
- Recognize and appropriately address gender, cultural, cognitive, emotional, and other biases; gaps in medical knowledge; and physical limitations in themselves and others.

Systems-based practice

Systems-based practice encompasses the societal, organizational, and economic environments in which health care is delivered. Physician Assistants must demonstrate an awareness of and responsiveness to the larger system of health care to provide patient care that is of optimal value. Physician Assistants should work to improve the larger health care system of which their practices are a part. Upon completion of the physician assistant program, graduates are expected to:

- Use information technology to support patient care decisions and patient education.
- Effectively interact with different types of medical practice and delivery systems.
- Understand the funding sources and payment systems that provide coverage for patient care.
- Practice cost-effective health care and resource allocation that does not compromise quality of care.
- Advocate for quality patient care and assist patients in dealing with system complexities.
- Partner with supervising physicians, health care managers, and other health care providers to assess, coordinate, and improve the delivery of health care and patient outcomes.
- Accept responsibility for promoting a safe environment for patient care and recognizing and correcting systems-based factors that negatively impact patient care.
- Use information technology to support patient care decisions and patient education.
- Apply medical information and clinical data systems to provide more effective, efficient patient care.
- Utilize the systems responsible for the appropriate payment of services.

B. Describe the admission standards and graduation requirements for the program.

Once eligible, the program will utilize the Central Application Service for Physician Assistants (CASPA) which is offered through the Physician Assistant Education Association (PAEA) as a convenient, state-of-the-art, web-based application service.

ADMISSION STANDARDS

Academic

Applicants must complete a bachelor's degree at a college or university that is accredited by one of the six regional accrediting bodies, such as the Southern Association of Colleges and Schools. Applicants from all academic disciplines will be welcome to apply, provided they meet the preparatory course prerequisites.

Required courses:

- At least five biological science courses (3 semester credits or 4 quarter credits) including:
 - human anatomy with lab
 - physiology with lab
 - microbiology with lab
 - The remaining biological science courses may be in any of the following disciplines: genetics, cell biology, molecular biology, embryology, histology, or immunology.
- One general chemistry courses with lab
- Organic chemistry or biochemistry with lab
- Statistics

Recommended Courses:

The following types of courses are not required but will help provide the applicant with a solid foundation for the study of medicine.

- Medical Terminology
- Sociology
- Physics
- Technical Writing
- Nutrition
- Public Health
- Genetics
- Humanities
- Communications
- Psychology
- Anthropology
- Human Growth and Development
- Medical Ethics
- Wellness

Entrance Exams:

Applicants must submit scores from the General Test of the Graduate Record Examination (GRE) (verbal reasoning, quantitative reasoning and analytical writing) or the Medical College Admission Test (MCAT).

Direct Patient Care Experience

Applicants must have an awareness of the intricacies of health care delivery as it exists today and be prepared to commit to a profession that aids the sick and injured. Applicants will be expected to have some amount of direct ‘hands-on’ health care experience. This may include experience as a medical assistant, military corpsman, EMT or paramedic, nurse, surgical technician, athletic trainer, health educator, therapy aide, medical scribe or Peace Corps volunteer or other cross-cultural health care experience.

GRADUATION REQUIREMENTS

Promotion from the academic year to the clinical year, and graduation from the College of Medicine, will be based on the student’s readiness to assume a professional role as a PA, as well as their academic performance. Decisions for promotion and graduation will be based on the composite picture of both academic performance and professional growth and development.

The Program’s Professional Standards and Promotions Committee (PS&P) will meet regularly to address questions related to promotion and graduation, and to determine each student’s eligibility for promotion and/or graduation. The PS&P Committee will include faculty members in the Morsani College of Medicine and the Physician Assistant Program.

To earn the Master of Physician Assistant Studies Degree, the PA student must accomplish the following:

- Successfully complete all courses within the professional curriculum earning a GPA of 3.0 or better.
 - Demonstrate competence in evaluating diagnostic studies (diagnostic imaging, laboratory data, ECG, etc.) through successful completion of a clinical skills examination.
 - Demonstrate competence in patient evaluation skills through successful completion of an Objective Structured Clinical (OSCE) or similar examination.
 - Demonstrate a medical knowledge through successful completion of the clinical year ePackRat (standardized clinical knowledge exam) or similar examination.
 - Receive a satisfactory evaluation from the PS&P Committee demonstrating a professional assessment of the student's overall suitability to practice as a physician assistant.
 - Comply with the mission and policies of the Morsani College of Medicine Physician Assistant Program.
- C. **Describe the curricular framework for the proposed program, including number of credit hours and composition of required core courses, restricted electives, unrestricted electives, thesis requirements, and dissertation requirements. Identify the total numbers of semester credit hours for the degree.**

The proposed master's program will total 103 credit hours and will take 26 months to complete. Of the 103 credit hours, 39 credit hours are required in the first 11 months of the "pre-clinical" portion of the curriculum. The remaining 64 credit hours include 52 required clinical rotation credit hours (varying in length from four to 12 weeks) and another 12 "selective" credit hours which will take an additional 12 weeks to complete.

Provide a sequenced course of study for all majors, concentrations, or areas of emphasis within the proposed program.

Semester 1 – Summer - 7credits

- PAS 6022: Gross Anatomy (4)
- PAS 6003: Medical Communication & Cultural Competency (2)
- PAS 6005: Behavioral Dynamics/Community Medicine/Military/Special Populations (1)

Semester 2 – Fall – 16 credits

- PAS 6010: Human Physiology (4)
- PAS 6000: Physical Diagnosis (2)
- PAS 6025: Epidemiology and Public Health (2)
- PAS 6008: Laboratory and Diagnostic Studies (2)
- PAS 6001: Patient Evaluation and Hospital Practicum (2)
- PAS 6028R: Pathophysiological Basis of Disease I (4)

Semester 3 – Spring – 16 credits

- PAS 6023: Pharmacotherapeutics I (4)
- PAS 6004: Clinical problem-solving / differential diagnosis (1)

January 7, 2013

PAS 6007: Clinical procedures (1)
PAS 6013: Evidence-based medicine (1)
PAS 6002: Advanced clinical practicum (1)
PAS 6029R: Pathophysiological Basis of Disease II (4)
PAS 6026: Pharmacotherapeutics II (4)

Total Academic year semester hours: 39

Clinical Semesters

Semesters 4 – 8: 64 credits

Required Clinical Rotations - students are required to complete rotations in the following specialties:

- I. PAS 6876: Emergency Medicine – 6 weeks (6)
- II. PAS 6840: Internal Medicine – 6 weeks (6)
- III. PAS 6870: Obstetrics/Gynecology – 6 weeks (6)
- IV. PAS 6860: Pediatrics – 4 weeks (4)
- V. PAS 6866: Family Medicine – 12 weeks (12)
- VI. PAS 6842: Psychiatry – 6 weeks (6)
- VII. PAS 6850: Surgery (General) – 6 weeks (6)
- VIII. PAS 6701: Advanced Care Medicine – 6 weeks (6)

- IX. Elective – 6 weeks (each of the two electives are of the student's choosing) (6)
- X. Elective – 6 weeks (each of the two electives are of the student's choosing) (6)
(one must be Mental Health Care, Primary Care Geriatrics or Surgery:
Technical/Procedural Skills)

ELECTIVES:

PAS 6105	Rehabilitative Medicine
PAS 6110	Hematology And Oncology
PAS 6120	Neurology
PAS 6125	Psychiatry – Mental Health Care
PAS 6150	Nephrology
PAS 6160	Gastroenterology
PAS 6170	Rheumatology
PAS 6180	Pulmonology
PAS 6181	Endocrinology
PAS 6182	Cardiology
PAS 6184	Infectious Disease
PAS 6190	Dermatology
PAS 6201	General Surgery II – Technical/Procedural Skills
PAS 6205r	Pediatric Surgery
PAS 6210	Cardiovascular Surgery
PAS 6220	Plastic Surgery
PAS 6230	Trauma Surgery
PAS 6240	Orthopedic Surgery
PAS 6260	Neurosurgery

January 7, 2013

PAS 6270	Urology
PAS 6280	Otorhinolaryngology (ENT)
PAS 6301	Pediatrics II
PAS 6402	Family Practice III
PAS 6404	Student Health
PAS 6405	Public Health
PAS 6500	Obstetrics & Gynecology II
PAS 6601	Emergency Medicine II
PAS 6702	Advanced Care Medicine II
PAS 6841	Gerontology

D. Provide a one- or two-sentence description of each required or elective course.

PAS 6022: Gross Anatomy (4)

This course is a comprehensive study of human anatomy utilizing systemic and regional approaches to the human body. The course will cover all aspects of human anatomy through lectures combined with practical application using full cadaveric dissection along with concentrated exposures to human dissection. The course will establish sound anatomic principles that underlie the clinical sciences.

PAS 6003: Medical Communication & Cultural Competency (2)

This course is an introduction to and development of communication skills necessary for obtaining medical histories and performing counseling during patient interactions. The course will provide students with proper knowledge and skills to work with diverse populations, develop cross-cultural competence, and identify and utilize culturally appropriate strategies in health care delivery and health promotion.

PAS 6005: Behavioral Dynamics/Community Medicine/Military/Special Populations (1)

The study of the Bio-psychosocial model of medical practice demonstrated through multiple interdisciplinary perspectives of needs and interventions for patients with obvious functional deficits. Introduce aspects of military medical practice including functioning within an operational and military focused health system. Provide an overview of populations of individuals with special needs from the perspective of language, gender, socioeconomic status, ethnic and academic diversity with an emphasis on factors that affect health care.

PAS 6010: Human Physiology (4)

This is a comprehensive course detailing the essential concepts of physiology and mechanisms of body function. The concepts are presented at various levels of organization, ranging from cellular and molecular to tissue and organ system levels. Emphasis is placed on understanding the integrated regulation of various body processes among the major systems.

PAS 6000: Physical Diagnosis (2)

This course instructs the student in the art and technique of the patient interview and physical examination through extensive clinical exposure to techniques used in the proper performance and recording of the physical examination of patients. Both lecture and laboratory formats are utilized.

PAS 6025: Epidemiology and Public Health (2)

This is a comprehensive course examining the principles and methods of epidemiologic investigation, appropriate summaries and displays of data, and the use of classical statistical approaches to describing population health. Through lectures and discussions students will study the application of the epidemiologic sub-disciplines in the areas of health services/systems, screenings genetics, and environment policy, as well as the intricacies of epidemiology and biostatistics with the legal and ethical issues in public health.

PAS 6008: Laboratory and Diagnostic Studies (2)

This course is an introduction to radiologic imaging, clinical laboratory medicine, ECG and cardiac diagnostics. Focus on the ability to select, perform, and interpret the results of basic clinical laboratory and diagnostic studies. Applications in primary care medicine for the physician assistant, with common office laboratory procedures taught and practiced in the laboratory.

PAS 6001: Patient Evaluation and Hospital Practicum (2)

Utilizing the hospital setting, the student will obtain experience in performing and recording patient histories and physical examinations and presenting clinical data. Teaching methods include weekly small group meetings and weekly clinical assignments to examine and/or interview patients in hospital, outpatient, and long-term care settings.

PAS 6028R: Pathophysiological Basis of Disease I (4)

The course deals with the essentials of diagnosis and management of the most common clinical problems seen by primary care practitioners. Using an organ systems and life stages approach, clinical information is presented in conjunction with appropriate correlative lectures and labs in pathophysiology, emergent and preventive care. Signs, symptoms, and pathophysiology of common diseases affecting pediatric, adult, and geriatric patients will be covered, along with appropriate diagnosis, therapeutic interventions, and follow-up. Patient education and preventive medicine principles will be introduced. Patient and medical ethics cases are used in small group settings students will assess standardized patients to enhance readings and lectures.

PAS 6023: Pharmacotherapeutics I (4)

The first semester of a two-semester overview of pharmacology- this course will focus on the principles of pharmacologic action, and the therapeutic indications for pharmaceutical preparations used in clinical medicine. Drug side effects and contraindications are discussed in detail.

PAS 6004: Clinical problem-solving / differential diagnosis (1)

This course uses small group format and problem-based learning theory to develop critical thinking and problem solving skills in the individual student. This class will apply the knowledge, skills, and attitudes learned across the curriculum to individual patient cases. This course integrates evidence-based medicine into clinical decision-making.

PAS 6007: Clinical procedures (1)

The student will develop an understanding of and basic competence in the skills needed to perform diagnostic, outpatient and emergency procedures. Basic skills and knowledge learned here will prepare the student to further refine these skills with more intense, personalized instruction in the clinical setting. Use of the simulation labs and clinical experiences will enhance the student's abilities to perform necessary procedures.

PAS 6013: Evidence-based medicine (1)

This course will establish the basic principles of utilizing evidence-based medicine in clinical practice. Efficient strategies for tracking and appraising evidence and examining available evidence-based journals will be developed. Students will be instructed in the creation of systematic reviews and concise summaries and how to critically appraise the evidence for its validity, impact, and applicability and how to integrate the evidence along with patient's characteristics and values into clinical practice.

PAS 6002: Advanced clinical practicum (1)

Utilizing clinical settings, the student will further develop their capabilities in performing and recording patient history and physical examinations, presenting clinical data, formulating patient assessments, and developing treatment plans. The student will examine case presentations from an epidemiologic perspective through utilization of referenced medical literature searches and refine problem-solving skills. In addition, the student will be presented with a lecture series covering a variety of topics of importance to the PA profession that may have been covered briefly in previous courses. These include cultural diversity, environmental medicine, occupational and military medicine settings.

PAS 6029R: Pathophysiological Basis of Disease II (4)

The course deals with the essentials of diagnosis and management of the most common clinical problems seen by primary care practitioners. Using an organ systems and life stages approach, clinical information is presented in conjunction with appropriate correlative lectures and labs in pathophysiology, emergent and preventive care. Signs, symptoms, and pathophysiology of common diseases affecting pediatric, adult, and geriatric patients will be covered, along with appropriate diagnosis, therapeutic interventions, and follow-up. Patient education and preventive medicine principles will be introduced. Patient and medical ethics cases are used in small group settings students will assess standardized patients to enhance readings and lectures.

PAS 6866 Family Practice (12)

The twelve-week family practice clinical rotation provides students with experience refining their skills in performing history and physical exams, ordering and interpreting laboratory/diagnostic tests, synthesizing information in establishing a diagnosis, and developing treatment plans for the diversity of patients in a typical Family Practice setting. The student will begin to appreciate the long term impact of health care on patients' lives, and becomes more skilled in preventive health care and the long term management of chronic medical conditions. Where possible, students participate in grand rounds, noon conferences and other clinically relevant didactic presentations.

PAS 6850 General Surgery (6)

This six-week general surgery rotation allows the student to develop preoperative skills with verbal or written presentations to the preceptor. They will be exposed to routine and emergency surgical problems. The student will assist in the operating room after demonstrating proper scrubbing, gowning and gloving techniques in a sterile environment. Student will perform two handed and one handed surgical ties. They will write op notes and develop postoperative care plans. Student will assess patients for common postoperative complications and wound healing. There will also be non-operating room surgical procedure exposure.

PAS 6840 Internal Medicine (6)

During the six-week internal medicine rotation, physician assistant students become a part of an internal medicine practice caring for adult and geriatric patients. Students perform patient history and physical examinations, obtain diagnostic testing and present data to their precepting physician with a proposed differential diagnosis and treatment plan. Students function in a role similar to the intended role of a practicing physician assistant, including participation in hospital rounds where diagnostic and therapeutic plans for acutely ill patients are discussed, performing and observing various clinical procedures, and preparing written and oral communication about patients. Where possible, students participate in grand rounds, noon conferences and other clinically relevant didactic presentations.

PAS 6860 Pediatrics (4)

During the four-week pediatric rotation, the PA student gains familiarity with normal growth and development, pediatric preventive medicine, and evaluation and management of common childhood illness. These experiences are obtained primarily in the outpatient setting, although students may be exposed to the acute care of hospitalized pediatric patients. The student also develops appreciation for working with many professionals, such as teachers, psychologists, speech and hearing pathologists, nurses and social workers, involved in the care and evaluation of children. Where possible, students participate in grand rounds, noon conferences and other clinically relevant didactic presentations.

PAS 6870 Obstetrics/Gynecology (6)

The purpose of this rotation is to provide the physician assistant student with a solid foundation in the diagnosis and management of common obstetric and gynecologic conditions as well as health care maintenance and disease prevention for women. The rotation focuses on the health care of women during the reproductive and post-reproductive years. The course emphasizes care of the pregnant female, normal labor and delivery, common obstetrical and gynecologic problems, preventive care, screening for gynecologic malignancies, and family planning and sexuality.

PAS 6876 Emergency Medicine (6)

This six-week rotation allows the student to develop skills in managing patients in the emergency room setting. These skills include those necessary for appropriate triage, stabilization, and initial management of patients with traumatic injuries and illnesses, the management of the less life threatening problems which present to the emergency room, working with the pre-hospital emergency medical service team, and making appropriate secondary referrals. Where possible, students participate in grand rounds, noon conferences and other clinically relevant didactic presentations.

PAS 6842 Psychiatry/Behavioral Medicine (6)

This clinical rotation allows the student the opportunity to develop skills in the evaluation and treatment of patient's suffering from behavioral and/or psychiatric medical conditions in the confines of a behavioral medicine hospital or outpatient clinic. The students will become involved in the care of persons experiencing a spectrum of emotional, behavioral, and psychiatric disorders on an inpatient and outpatient basis. This experience will allow students to gain a greater understanding of informed consent, civil commitment, and patient refusal of treatment. Additionally, the rotation will provide the student insight into the needs of these individuals, reinforce the need to maintain boundaries in the provider-patient relationship, and assist in shaping the student's approach to rapport development with patients to facilitate the accurate

collection of health risk and disease-related information during the interview and physical examination. The student will also gain invaluable experience in their ability to recognize and categorize psychiatric disturbances and become familiar with techniques of implementing early intervention and providing appropriate psychiatric referral. Where possible, students participate in clinically relevant didactic presentations.

PAS 6702 Advanced Internal Medicine Selective (6)

The Hospitalist Medicine rotation provides students advanced training and experiences in the Hospitalist setting. Providing direct patient care under the supervision of a faculty hospitalist, the student develops more independence in assessment, treatment and discharge planning. In the complex inpatient environment, the student learns to coordinate care plan and understand the roles of specialist physicians and health care providers from multiple disciplines.

PAS 6125 Mental Health Care (6)

This clerkship provides both outpatient and inpatient experiences. Students have primary responsibility under supervision of attending psychiatrists and residents for diagnosis and care of patients in a variety of inpatient and outpatient settings. Emergency room, crisis intervention, consultation appropriate to patients with psychiatric dysfunction; familiarity with psychopharmacology, and short-term hospitalization are emphasized.

PAS 6841 Primary Care and Geriatrics (6)

The rotation in Geriatric Medicine is designed to expose the student to numerous aspects of clinical care, education, and research methodology of the older adult. The student will participate in a variety of clinical experiences including outpatient comprehensive geriatric assessments, subspecialty inpatient and outpatient care, comprehensive inpatient geriatric consults, rehabilitation, gero-psychiatry, and sub-acute and chronic care in the nursing home setting. You will have exposure to several ancillary services, including adult day care, community programs such as the Alzheimer's Association, and hospice. The rotation will provide a framework and foundation that will assist your current and future care of the older adult.

PAS 6201 Surgery: Technical/Procedure Skills (6)

This rotation is an opportunity for the physician assistant student to further develop their surgery skills and to gain a better understanding of the general principles of surgery. The student will focus on developing their surgical skills. Special emphasis is placed on assisting at the operating table and developing the skills necessary to working in a surgical environment.

- E. For degree programs in the science and technology disciplines, discuss how industry-driven competencies were identified and incorporated into the curriculum and indicate whether any industry advisory council exists to provide input for curriculum development and student assessment.

In 2003, the National Commission on Certification of Physician Assistants (NCCPA) initiated an effort to define PA competencies in response to similar efforts being conducted within other health care professions and growing demand for accountability and assessment in clinical practice. The NCCPA is the only certifying organization for physician assistants in the United States. Established as a not-for-profit organization in 1975, NCCPA is dedicated to assuring the public that certified physician assistants meet established standards of clinical knowledge and cognitive

skills upon entry into practice and throughout their careers. All U.S. states, the District of Columbia and the U.S. territories have decided to rely on NCCPA certification as one of the criteria for licensure or regulation of physician assistants.

In 2004, representatives from three other national PA organizations, each bringing a unique perspective and valuable insights, joined NCCPA in the effort to define PA competencies. Those organizations were the Accreditation Review Commission for Education of the Physician Assistant (ARC-PA), the body that accredits PA educational programs; the Association of Physician Assistant Programs (APAP), the membership association for PA educators and program directors; and the American Academy of Physician Assistants (AAPA), the national membership association representing PAs.

The resultant document, *Competencies for the Physician Assistant Profession*, is a foundation from which each of those four organizations, other physician assistant organizations and educators can chart a course for advancing the competencies of the PA profession. It is these competencies that help form the substance of PA educational programs. http://www.nccpa.net/PAC/Competencies_home.aspx

F. For all programs, list the specialized accreditation agencies and learned societies that would be concerned with the proposed program. Will the university seek accreditation for the program if it is available? If not, why? Provide a brief timeline for seeking accreditation, if appropriate.

- Accreditation Review Commission for Education of the Physician Assistant (ARC-PA) – accrediting agency that protects the interests of the public and physician assistant profession by defining the standards for physician assistant education and evaluating physician assistant educational programs within the territorial United States to ensure their compliance with those standards.
- Physician Assistant Education Association (PAEA) – national organization representing physician assistant educational programs in the United States
- National Commission on Certification of Physician Assistants (NCCPA) – national certifying organization for physician assistants in the United States
- American Academy of Physician Assistants (AAPA) – national membership association representing PA's.

The MCOM MPAS program is currently listed on the Accreditation Review Commission on Education for the Physician Assistant, Inc. (ARC-PA) website as an applicant program. Applicant programs are active in the development of PA programs, in preparation for entry into accreditation by the ARC-PA via the provisional accreditation pathway. The ARC-PA has determined that the institutions listed meet the basic eligibility requirements to apply for accreditation, as noted in the accreditation *Standards*. They do not yet possess an accreditation status from the ARC-PA, nor is their listing here any guarantee that they will achieve provisional accreditation. Other institutions actively developing a PA program have chosen not to be listed at this point in time.

January 7, 2013

A feasibility study/needs assessment and supporting documentation along with application materials submitted to (ARC-PA) is due in December, 2013.

The ARC-PA site visit is currently scheduled for February 24-25, 2014.

ARC-PA agenda meeting for accepting provisional applications is scheduled for September 2014.

- G. For doctoral programs, list the accreditation agencies and learned societies that would be concerned with corresponding bachelor's or master's programs associated with the proposed program. Are the programs accredited? If not, why?

N/A

- H. Briefly describe the anticipated delivery system for the proposed program (e.g., traditional delivery on main campus; traditional delivery at branch campuses or centers; or nontraditional delivery such as distance or distributed learning, self-paced instruction, or external degree programs). If the proposed delivery system will require specialized services or greater than normal financial support, include projected costs in Table 2 in Appendix A. Provide a narrative describing the feasibility of delivering the proposed program through collaboration with other universities, both public and private. Cite specific queries made of other institutions with respect to shared courses, distance/distributed learning technologies, and joint-use facilities for research or internships.

The program will be delivered in a traditional style utilizing a combination of classroom lectures, discussions, small group active learning sessions and hands-on laboratory skill sessions. On-line resources and non-traditional web-based learning modules will also be utilized to enhance student learning. An alternative primarily web-based learning option may be offered to non-traditional students to allow for self-paced learning prior to entering the clinical portion of the program.

IX. Faculty Participation

- A. Use Table 4 in Appendix A to identify existing and anticipated ranked (not visiting or adjunct) faculty who will participate in the proposed program through Year 5. Include (a) faculty code associated with the source of funding for the position; (b) name; (c) highest degree held; (d) academic discipline or specialization; (e) contract status (tenure, tenure-earning, or multi-year annual [MYA]); (f) contract length in months; and (g) percent of annual effort that will be directed toward the proposed program (instruction, advising, supervising internships and practica, and supervising thesis or dissertation hours).

PA faculty will teach a number of the courses in the PA curriculum, depending on their areas of specialty and their academic and professional interests. More than 300 physicians, PA's, basic science faculty and other health care professionals in the MCOM and College of Pharmacy will contribute to prepare and deliver classroom lectures in their areas of expertise to enhance inter-professional educational opportunities. When a non-PA provides classroom instruction, a PA faculty member will attend the lecture, take notes, and write the exam questions directed toward the desired knowledge base of the physician assistant students. This concept will ensure that the classroom education and testing provided to PA students remains at the level expected of physician assistants and also ensures continuity of coverage for all

evaluation methodologies.

By ARC-PA accreditation standards, a new PA program director will be hired at 1.0 FTE and an existing MD faculty member, Dr. Allan Goldman, will be the medical director for the program with .30 of his effort allocated to the program. In addition, several existing PA and MDs will teach in the new program.

As is customary in PA training programs, we expect to recruit additional voluntary faculty from the community to assist with the clinical precepting performed during the clinical rotations.

Like the MD program, it is our expectation that all of the courses will be delivered by a team of qualified faculty members, coordinated by a “super” course director. All faculty participating in the development of the program are/will be selected for their expertise in the various areas of the basic and clinical medical sciences.

- B. Use Table 2 in Appendix A to display the costs and associated funding resources for existing and anticipated ranked faculty (as identified in Table 2 in Appendix A). Costs for visiting and adjunct faculty should be included in the category of Other Personnel Services (OPS). Provide a narrative summarizing projected costs and funding sources.**

By June 1, 2015, we expect to have 5.10 Faculty FTE on board and dedicated in some part to the new PA program. Of that first-year faculty complement, we estimate that 1.50 of existing Faculty FTE will be reassigned to the PA program and 3.60 of new Faculty FTE to have been hired and fully dedicated to the program for the 2015-16 academic year. By year 5, the program is expected to be at full capacity from an enrollment standpoint with 17.48 Faculty FTE. Approximately 5.60 Faculty FTE will be new hires that are fully dedicated to the program and 11.88 Faculty FTE will be reassigned faculty from existing lines. We do not anticipate having any visiting or adjunct faculty supporting the program. E&G is expected to be the sole funding source of the program through Tuition collections and recurring General Revenue support from the state.

- C. Provide in the appendices the curriculum vitae (CV) for each existing faculty member (do not include information for visiting or adjunct faculty).**
- D. Provide evidence that the academic unit(s) associated with this new degree have been productive in teaching, research, and service. Such evidence may include trends over time for average course load, FTE productivity, student HC in major or service courses, degrees granted, external funding attracted, as well as qualitative indicators of excellence.**

The academic units affiliated with this degree have been very productive and interdisciplinary. The Morsani College of Medicine (MCOM), Nursing, and Public Health generate a substantial portion of the institution's research dollars (MCOM generates over 50% of USF's annual research expenditures) and combined produce a significant proportion of the doctoral and masters graduates at USF. In the 2010-2011 academic year, the University granted 453 doctoral degrees of which 53 (12%) were granted in the MCOM. In terms of Masters degrees, in the 2010-2011 academic

year, USF granted 2511 M.S. degrees, of which 191 (8%) were awarded by the MCOM. MCOM graduates students in a timely fashion and is nationally competitive in time-to-degree metrics. The enrollment and graduation trends in USF Health have been very positive over the last few years. In the MCOM, fall 2011 applications for Master's degree programs increased 46% over fall 2010 applications while applications for the Ph.D. program remained constant.

X. Non-Faculty Resources

- A. Describe library resources currently available to implement and/or sustain the proposed program through Year 5. Provide the total number of volumes and serials available in this discipline and related fields. List major journals that are available to the university's students. Include a signed statement from the Library Director that this subsection and subsection B have been reviewed and approved.**

The USF Libraries provide access to more than 2 million volumes and an extensive collection of electronic resources including approximately 25,156 e-journal subscriptions, 736 aggregator databases, 256 e-books, and 826,000 digital images. In addition, students have access to over 65,000 audio-visual materials including videos, CDs, and DVDs. We believe the existing library resources are adequate to sustain the proposed program.

The following resources currently held by the USF Libraries have been identified as supporting a Physician Assistant program.

Books (by subject, 2000 or later)	Total	Online
Anatomy or Physiology	6,612	4,151
Diagnostic Techniques and Procedures or Laboratory Techniques and Procedures	348	271
Medical History Taking or Physical Examination	170	70
Pharmacotherapy or Drug Therapy or Pharmaceutical Preparations or Pharmacology	51,101	24,634

Journals (current subscriptions)

Physician Assistant specific related titles
Clinician Reviews
Internet Journal of Academic Physician Assistants
Journal of the American Academy of Physician Assistants (JAAPA)
Journal of Physician Assistant Education
Physician Assistants' Prescribing Reference/MPR Monthly Prescribing Reference

Medicine (general titles)
AAMC Reporter
Academic Medicine
American journal of clinical medicine

January 7, 2013

American journal of the medical sciences
American journal of medicine
American journal of therapeutics
Annals of the New York Academy of Sciences
Annals of thoracic surgery
Archives of medical research
Artificial Intelligence in medicine
Biomedical safety and standards
BMJ
Canadian medical association journal CMAJ
Clinical cornerstone
Clinical therapeutics
Computers in biology and medicine
Current therapeutic research
JAMA - Journal of the American Medical Assn.
Journal of clinical investigation
Journal of experimental medicine
Journal of investigative medicine
Journal of patient safety
Lancet
Mayo Clinic Proceedings
Medical hypotheses
Medicine
Nature
Nature Genetics
Nature Medicine
New England journal of medicine
New physician
Postgraduate medical journal
Professional case management
QJM
Reviews in medical microbiology
Reviews in medical virology
Science
Science Signaling
Science, technology and human values
Simulation in health care
Southern medical journal
Teaching and learning in medicine
Trends in biochemical sciences

Medicine (titles by discipline)

Cardiology

American heart journal
American journal of cardiology
American journal of cardiovascular drugs
Basic Research in Cardiology
Cardiology in review
Cardiovascular pathology

January 7, 2013

Cardiovascular research
Circulation
Circulation: arrhythmia and electrophysiology
Circulation research

Dermatology
American journal of dermatopathology
Archives of Dermatological Research
Archives of dermatology
Clinics in dermatology

Family Medicine
American family physician
Annals of family medicine

Internal Medicine
Annals of internal medicine
Archives of Internal Medicine

Molecular Medicine
Molecular aspects of medicine

Neurology
Annals of neurology
Archives of neurology

Neurosurgery & Brain Repair
Acta Neurochirurgica
Contemporary neurosurgery

Obstetrics & Gynecology
American journal of obstetrics and gynecology
Clinical obstetrics and gynecology

Oncologic Sciences
American journal of clinical oncology
Annals of Surgical Oncology
Anti-Cancer drugs
Cancer
Cancer and Metastasis Reviews
Cancer cell
Cancer Chemotherapy and Pharmacology
Cancer detection and prevention
Cancer genetics and cytogenetics
Cancer Immunology, Immunotherapy
Cancer Journal
Cancer letters
Cancer treatment reviews

Ophthalmology

- American journal of ophthalmology
- Annals of Ophthalmology
- Archives of ophthalmology
- British journal of ophthalmology
- Contact lens spectrum
- Contemporary ophthalmology
- Contemporary Optometry

Orthopaedics & Sports Medicine

- American journal of physical medicine and rehabilitation
- American Journal of sports medicine
- Archives of physical medicine and rehabilitation
- Arthroscopy
- British journal of sports medicine
- Clinical journal of sport medicine
- Clinical Orthopaedics and Related Research
- Clinics in sports medicine

Otolaryngology & Head & Neck Surgery

- American journal of otolaryngology
- Annals of Otology, Rhinology & Laryngology
- Archives of otolaryngology - head & neck surgery

Pathology & Cell Biology

- Advances in anatomic pathology
- American journal of pathology
- Archives of pathology and laboratory medicine

Pediatrics

- Advances in neonatal care
- Archives de Pediatrie
- Archives of disease in childhood
- Archives of pediatric and adolescent medicine
- Childhood obesity
- Children's Health Care
- Clinical pediatric emergency medicine
- Clinical pediatrics

Psychiatry & Behavioral Neurosciences

- Addictive disorders and their treatment
- Alzheimer disease and associated disorders
- American journal of geriatric psychiatry
- American Journal of Psychiatry
- Archives of general psychiatry
- Child Psychiatry and Human Development

Radiology

- Abdominal Imaging

January 7, 2013

AJNR American Journal of neuroradiology
Clinical imaging
Clinical radiology
Computerized medical imaging and graphics
Contemporary diagnostic radiology

Surgery

American journal of surgery
Annals of surgery
Archives of surgery
British journal of surgery

Urology

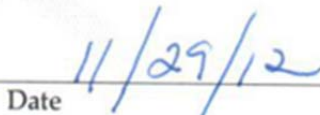
American journal of kidney diseases

Databases
AccessMedicine
AccessPharmacy
AccessSurgery
ACP Pier & AHFS DI Essentials
CINAHL
Cochrane Library
DynaMed
EBM Reviews
Facts and Comparisons
MD Consult
Medline
Micromedex
Natural Medicines
Natural Standard
Patient Education Reference Center
Psychiatry Online
PscINFO
SportDiscus
STATRef

- B. Describe additional library resources that are needed to implement and/or sustain the program through Year 5. Include projected costs of additional library resources in Table 3 in Appendix A.**

We have included some resources in the program budget to permit purchasing access to select on-line journals specially tailored to the profession of PA studies that are not currently accessible through the USF library system.


Signature of Library Director


Date

- C. Describe classroom, teaching laboratory, research laboratory, office, and other types of space that are necessary and currently available to implement the proposed program through Year 5.**

Currently available classroom and office space are adequate to support the program.

- D. Describe additional classroom, teaching laboratory, research laboratory, office, and other space needed to implement and/or maintain the proposed program through Year 5. Include any projected Instruction and Research (I&R) costs of additional space in Table 2 in Appendix A. Do not include costs for new construction because that information should be provided in response to X (J) below.**

No additional classroom, laboratory or office space is required for the program.

- E. Describe specialized equipment that is currently available to implement the proposed program through Year 5. Focus primarily on instructional and research requirements.**

With similar medical and health care programs already in place, this program will be able to make use of our existing Center for Advance Clinical Lab (CACL) – where students receive clinical skills instruction and evaluation in a state of the art facility.

Additionally, the Center for Advanced Medical Learning and Simulation (CAMLS), a 90,000 square foot, state-of-the-art, three-story facility with every possible form of health professional education and training, for individuals and teams, under one roof, will also be able to be used for this program. CAMLS integrates simulation technology, team training, and evidence-based best practice into innovative programs with measurable outcomes.

- F. Describe additional specialized equipment that will be needed to implement and/or sustain the proposed program through Year 5. Include projected costs of additional equipment in Table 2 in Appendix A.**

With similar basic science and clinical programs already in place, there should not be additional specialized equipment needed for instructional or research requirements.

- G. Describe any additional special categories of resources needed to implement the program through Year 5 (access to proprietary research facilities, specialized services, extended travel, etc.). Include projected costs of special resources in Table 2 in Appendix A.**

We do not anticipate that any additional special resources will be required for this program.

- H. Describe fellowships, scholarships, and graduate assistantships to be allocated to the proposed program through Year 5. Include the projected costs in Table 2 in Appendix A.**

Since 2009, the total institutional funding for medical student grants and scholarship increased while the dollar amount of institutional loans decreased. We are hopeful that this trend will continue and that the new PA program will be able to establish additional sources of grants and scholarships to assist students with the costs of

completing the program.

- I. Describe currently available sites for internship and practicum experiences, if appropriate to the program. Describe plans to seek additional sites in Years 1 through 5.**

USF Health and MCOM have a large number of existing clinical placements sites at Tampa General Hospital, James A. Haley and Bay Pines Veteran's hospitals and our new partnership with Lakeland Regional Medical Center. We further expect to develop additional clinical placements sites with new community sites – including with The Villages Health System.

- J. If a new capital expenditure for instructional or research space is required, indicate where this item appears on the university's fixed capital outlay priority list. Table 2 in Appendix A includes only Instruction and Research (I&R) costs. If non-I&R costs, such as indirect costs affecting libraries and student services, are expected to increase as a result of the program, describe and estimate those expenses in narrative form below. It is expected that high enrollment programs in particular would necessitate increased costs in non-I&R activities.**

With similar basic science and clinical programs already in place, we do not anticipate new capital expenditures for instructional or research space nor do we anticipate the need for additional specialized equipment for instructional or research requirements.

With respect to non-I&R costs, IT infrastructure and University Governance Support costs have been calculated - \$38,000 the first year of the program, rising to \$170,000 in year five of the program. All other costs for the program are direct and have been included in Table 2, Appendix A.

References:

1. The Registered Nurse Population: Findings from the 2008 National Sample Survey of Registered Nurses. Table 45, Appendix A.
<http://thefutureofnursing.org/sites/default/files/RN%20Populations.pdf>
2. American Academy of Physician Assistant – AAPA's Research Steering Committee Meeting Results and A Proposed National PA Research Agenda.
<http://www.aapa.org/uploadedFiles/content/Research/Summit%20Proceedngs%20and%20Proposed%20Agenda%20for%20Web.pdf>
3. National trends in the United State of America physician assistant workforce from 1980 to 2007. Xiaoxing Z He, Ellen Cyran, and Mark Salling. Human Resources for Health, 2009, 7:86. [Http://www.humanresourceshealth.com/content/7/1/86](http://www.humanresourceshealth.com/content/7/1/86)
4. Smith J. The best and worst master's degrees for jobs.
<http://http://www.forbes.com/sites/jacquelynsmith/2011/06/06/the%20best%20and%20worst%20masters%20degreesfor%20jobs/>
5. Grant A. Best careers 2011. U.S. News & World Report.
<http://http://money.usnews.com/money/careers/articles/2010/12/06/the%2050%20best%20careers%20of%202011>
6. Muse H, Rosato D. Best jobs for working parents. CNN Money.
<http://http://money.cnn.com/magazines/moneymag/best%20jobs/2011/jobs%20working%20parents/1.html>

7. Council on Graduate Medical Education (COGME). Tenth Report: Physician Distribution and Health Care Challenges in Rural and Inner-City Areas. Washington, DC: Government Printing Office; 1998.
8. Fryer GE, Green LA, Dovey SM, Phillips RI Jr. The United States relies on family physicians unlike any other specialty. *Am Fam Physician* 2001;63:1669–1703.
9. Larson EH, Hart LG, Hummel J. Rural physician assistants: a survey of graduates of MEDEX Northwest. *Public Health Rep* 1994;109: 266–274.
10. Burnett WH, Mark DH, Midtling JE, Zellner BB. Primary care physicians in underserved areas: family physicians dominate. *West J Med* 1995;163:532–536.
11. Understanding the role of PAs in aftermath of Supreme Court decision on healthcare. <http://manasara.medicalnewsinc.com/vital-signs/cms/1479>
12. The Conference Board, Help Wanted OnLine, prepared by the Florida Department of Economic Opportunity, Labor Market Statistics Center.

CURRICULUM VITAE

PERSONAL INFORMATION

Name: Lawrence H. (Larry) Collins, PA-C, DFAAPA, ATC
 Position: Physician Assistant
 Rank: Assistant Professor
 Office Address: Department of Orthopaedics & Sports Medicine
 University of South Florida
 13220 USF Laurel Drive – MDF Fifth Floor
 Mail Code MDC106
 Tampa, FL 33612
 Office Phone: 813.396.9424
 FAX: 813.396.9195
 Home Address: 9846 Gingerwood Drive
 Tampa, Florida 33626–1845
 Home Phone: 813.472.9334
 E-MAIL: LCollins@health.usf.edu (work)
Larrybob@tampabay.rr.com (home)
 Date of Birth: October 11, 1962
 Place of Birth: Ann Arbor, Michigan
 Family: Wife - Roberta Jean Collins (Burke)
 Hobbies: Triathlons, cycling, adventure racing, golf

LICENSURE

Florida Board of Medicine
 # PA 0002366 (expires 01/31/12)
 National Commission on Certification of Physician Assistants
 # 911072 (expires 12/31/13)
 Florida Board of Athletic Trainers
 # AL 0000209 (expires 09/30/12)
 National Athletic Trainers Association - Board of Certification
 # 119102426 (expires 12/31/12)

EMPLOYMENT HISTORY

University of South Florida (07/22/2006 – present)
 Florida Orthopaedic Institute (09/07/1990 – 07/21/2006)

FACULTY APPOINTMENTS

Assistant Professor, Department of Orthopaedics and Sports Medicine
University of South Florida
08/01/2007 – present
13220 USF Laurel Drive – MDF Fifth Floor
Mail Code MDC106
Tampa, FL 33612 (813) 396-9424

Adjunct Instructor
University of South Florida
School of Physical Education, Wellness & Sport Studies
08/27/1998 – present
4202 East Fowler Avenue, PED 214
Tampa, FL 33620
(813) 974-3498

Clinical Instructor
South University
Physician Assistant Program
01/01/2004 - present
709 Mall Boulevard
Savannah, GA 31406-4881
(912) 201-8000

EDUCATION

Graduate: Yale University School of Medicine
Physician Associate Program
47 College St., Suite 220
New Haven, Connecticut 06510
203-785-4252
Physician Associate Program, 08/1988 – 08/1990

Undergraduate: University of South Florida
College of Arts and Sciences
4202 E. Fowler Ave, CPR 107
Tampa, FL 33620
(813) 974-2804
Bachelor of Science in Biology, 08/1983 – 06/1988

PROFESSIONAL APPOINTMENTS

2008 – present	National Commission on Certification of Physician Assistants, Review Committee for Physician Assistant National Re-certification Examination.
1996 - 2003	National Board of Medical Examiners, Surgical Review Committee for Physician Assistant National Certification Examination.
1998 - 99	Chairman, Board of Trustees, Florida Academy of Physician Assistants Foundation.
1994 - 98	Editor, Journal of the Florida Academy of Physician Assistants.
1994 - 98	Chair, Publications Committee, Florida Academy of Physician Assistants.
1989 - 90	Board of Directors - Student Academy of the American Academy of Physician Assistants.
1989 - 90	Board of Directors - Connecticut Academy of Physician Assistants.
1989	Assembly of Representatives - Student Academy of the American Academy of Physician Assistants.
1989	House of Delegates - American Academy of Physician Assistants.

AWARDS AND EDUCATIONAL HONORS

2007	Distinguished Fellow, American Academy of Physician Assistants.
2004	Sports Medicine Person of the Year, Athletic Trainers Association of Florida.
1991	Student Writing Award, Association of Physician Assistant Programs/Upjohn.
1990	Honors Award, Yale University Physician Associate Program.
1990	Scholarship Recipient, American Academy of Physician Assistants Education and Research Foundation.
1990	Scholarship Recipient, Connecticut Academy of Physician Assistants.
1985 - 88	Athletic Training Scholarship Recipient, University of South Florida.

PROFESSIONAL SOCIETY MEMBERSHIPS

Distinguished Fellow - American Academy of Physician Assistants
 Fellow - Florida Academy of Physician Assistants
 Member - Physician Assistants in Orthopaedic Surgery
 Member - National Athletic Trainers Association
 Member - Athletic Trainers Association of Florida

EDUCATIONAL RESPONSIBILITIES

BCC 8116 Skin & Bones Fourth Year Clerkship

Four week clinical clerkship in dermatology, rheumatology and orthopaedics for the fourth year medical student.

Co-Course Director – 2010 – present

Clinical Preceptor: 2005 – present

Course re-design 2009

PET 4625/ATR 4223 Advanced Athletic Training

A course designed to expose the Senior Athletic Training Student to current concepts and techniques in the evaluation and treatment of musculoskeletal conditions through open forums, discussion seminars and case studies presented by the students.

Course instructor. 2009 – present

BMS 6920 Colloquium II: Introduction to Orthopaedics and Sports Medicine

Small group course for second-year medical students designed to facilitate lifelong learning skills and professional interactions with colleagues while introducing the students to the basic concepts and practices of Orthopaedics and Sports Medicine.

Co-Course Director – 2009 – present

PET 2622C Care and Prevention of Athletic Injuries

A course outlining the principles and techniques of conditioning athletes for competition; prevention and care of injuries in physical education and athletic activities.

Course Instructor: 1998 – present

PET 4935 Case Studies in Athletic Health Care

Athletic Training majors only. Capstone course intended to provide a unifying opportunity to utilize concepts, principles and skills learned from other athletic training courses.

Course Instructor: 2002 – 2008

BMS5005 Professions of Medicine - Foundations of Doctoring

Three week introduction to the practice of medicine to provide incoming students with an interdisciplinary introduction to the curriculum at the College of Medicine, by integrating basic science and clinical science and demonstrating the importance of ethics and professionalism.

Course Instructor: 2007

BIBLIOGRAPHY – PEER-REVIEWED

Schaal, C., Collins, L., Ashley, C. Cardiorespiratory Responses to Underwater Treadmill Running Versus Land-Based Treadmill Running. *International Journal of Aquatic Research and Education*. 2012; 6, 35-45.

Ashley, C., Schaal, C., Collins, L. Comparison of Underwater and Land-based Treadmill Running. *Medicine and Science in Sports and Exercise*. 2010; 42(5), S494.

Schaal, C., Ashley, C., Collins, L. Comparison of Maximal Oxygen Consumption During Underwater Treadmill Running and Land-based Treadmill Running. *Medicine and Science in Sports and Exercise*. 2010; 42(5), S360.

Leffers D, Collins L. An Overview of the Use of Bone Scintigraphy in Sports Medicine. *Sports Medicine and Arthroscopy Review*. 2009; 17(1):21-24.

Collins LH. Full Contact: Reaching out to student athletes. Performing preparticipation physical exams. *Advance for Physician Assistants*. 1999; 7(9): 33-8.

Collins LH. Atraumatic knee pain in an adolescent tennis player. *Surgical Physician Assistant*. 1996; 2(7): 28-31.

Collins LH. Alternatives to knee immobilization. *J American Academy of Physician Assistants*. 1995;8(8): 81-85.

Collins LH. Shoulder pain in the overhand athlete. *J American Academy of Physician Assistants*. 1994;7(6):415-423.

Collins LH. Doping in sports: a critical overview. *J American Academy of Physician Assistants*. 1993;6(7):465-476.

BIBLIOGRAPHY – NON-PEER-REVIEWED

Collins L, Bateman HE. Musculoskeletal Disorders. p. 397. In Cuppett M and Walsh KM (eds): *General Medical Conditions in the Athlete* (2nd Ed.). Elsevier Mosby, St. Louis, 2012.

Collins L, O'Connor T, Cuppett M. Common Procedures in the Athletic Training Clinic. p. 89. In Cuppett M and Walsh KM (eds): *General Medical Conditions in the Athlete* (2nd Ed.). Elsevier Mosby, St. Louis, 2012.

Collins L. Musculoskeletal Disorders. p. 345. In Cuppett M and Walsh KM (eds): *General Medical Conditions in the Athlete*. Elsevier Mosby, St. Louis, 2005.

PRESENTATIONS

Comparison of Underwater and Land-based Treadmill Running. Ashley, C., Schaal, C., Collins, L. American College of Sports Medicine, Baltimore, MD. June 2010.

Comparison of Maximal Oxygen Consumption During Underwater Treadmill Running and Land-based Treadmill Running. Schaal, C., Ashley, C., Collins, L. American College of Sports Medicine, Baltimore, MD. June 2010

Creative Methods to Utilize Support Staff. Tampa, FL, January 2009. 3rd Annual Sports Medicine Conference: Behind the Scenes as a Team Physician.

Atraumatic Knee Pain. Clearwater Beach, FL. February 2008. Practical Orthopaedics and Sports Medicine for Primary Care.

Shoulder Pain in the Overhead Athlete. Orlando, FL. February, 2008. Florida Academy of Physician Assistants 2008 Winter Symposium and Re-Certification Update.

How Not to Align Yourself. Tampa, FL, January 2008. 2nd Annual Sports Medicine Conference: Behind the Scenes as a Team Physician.

The Evaluation and Management of Knee Pain of Insidious Onset. Orlando, FL. February, 2007. Florida Academy of Physician Assistants 2007 Winter Symposium and Re-Certification Update.

Presentation and Treatment of Osteoarthritis in the Active Adult. February, 2007. Florida Academy of Physician Assistants 2007 Winter Symposium and Re-Certification Update.

Upper extremity physical examination; lower extremity physical examination; casting, splinting and braces; joint injections. Workshop Coordinator and Instructor. Clearwater Beach, FL. January 2005. Sports Medicine Update 2005.

Injury Prevention, Taping and Bracing for the Athlete. October 2003. Tampa, FL. Performance Enhancement for the Athlete.

Common Orthopaedic injuries that may be treated in a primary care setting. Salt Lake City. May, 1998. American Academy of Physician Assistants Annual Conference.

Proper use of orthopaedic braces in primary care. Salt Lake City. May, 1998. American Academy of Physician Assistants Annual Conference.

Basic casting and splinting techniques for the primary care provider. St. Pete Beach, FL. August, 1997. Summer Symposium of the Florida Academy of Physician Assistants.

Office evaluation of common knee disorders. Orlando, FL. August, 1995. Summer Symposium of the Florida Academy of Physician Assistants.

The pre-participation physical examination. Las Vegas, Nevada. June, 1995. American Academy of Physician Assistants Annual Conference.

The use and abuse of drugs in sports. Las Vegas, NV. June, 1995. American Academy of Physician Assistants Annual Conference.

PRESENTATIONS (con't)

Common overuse injuries in the athlete. Las Vegas, NV. June, 1995. American Academy of Physician Assistants Annual Conference.

Shoulder pain in the overhead athlete. Jacksonville, FL. May, 1994. Chiropractic Sports Physician Course Lecture.

Doping in sports: a critical overview. San Francisco, CA. May, 1991. American Academy of Physician Assistants Annual Conference as a 1991 APAP/Upjohn Student Writing Contest Award Recipient.

Doping in sports: a critical overview. New Haven, CT. August, 1990. Honors Presentation at the Yale Medical School Physician Associate Program 1990 Paper Presentations.

CURRENT CLINICAL POSITION

Physician Assistant, Assistant Professor
University of South Florida
Department of Orthopaedics and Sports Medicine
13330 Laurel Drive, 3rd Floor
Tampa, FL 33612

Primary Supervising Physician:	David Leffers, MD
Alternate Supervising Physicians:	Charles Nofsinger, MD Michael Shereff, MD

Primary responsibilities include:

- Clinical evaluation and assessment of new office patients and follow-up care of established patients.
- First assisting in surgery, including arthroscopy and ligament reconstruction, trauma and total joint arthroplasty.
- Clinical preceptor and lecturer for orthopaedic residents, medical students, PA students, ARNP students and athletic training students.
- Working integrally with the sports medicine staff at the University of South Florida in the care, prevention, diagnoses, treatment and rehabilitation of all intercollegiate athletes, including the coordination of event coverage for 44 NCAA Division I athletic teams.
- Development, implementation and review of clinical research projects.
- Initiating a system of evaluation and treatment for local high school athletes, along with on-field coverage of high school football games.

SPORTS MEDICINE AFFILIATIONS

University of South Florida Intercollegiate Athletics (1990 – present)
St. Leo University Intercollegiate Athletics (1995 – present)
University of Tampa Intercollegiate Athletics (1992 – 2006)

Tampa Bay Storm (1995-2002)
Tampa Bay Lightning (1992-2000)
Tampa Bay Mutiny (1996–1999)
Jose Cuervo / Miller Lite AVP Pro Beach Volleyball (1991-1997)
New York and Tampa Yankees (1990-1996)
Tampa Bay Cyclones (1995-1996)
Tampa Bay Rowdies (1990-1993)

USA Baseball, Head Athletic Trainer, Jr. World Championship Qualifier (2000)
Volunteer United States Olympic Training Center – Colorado Springs (1999)
Athlete Medical Staff Atlanta Summer Olympic Games (1996)

University of South Florida School of Dance

Saddlebrook Tennis and Golf Academy
Palmer Tennis Academy

Jennifer Diane Cox, M.D.

17944 Timber View Street

Tampa, Florida 33647

(813) 973-1397

jcox1@hsc.usf.edu**Current Position****The University of South Florida**

2007-present

Assistant Professor Pulmonary, Critical Care, and Sleep Medicine

Director of Critical Care Clerkship

Post Graduate Training**The University of South Florida**

2004-2007

Pulmonary and Critical Care Fellowship

The University of Texas Medical Branch

2003-2004

Assistant Professor Department of Internal Medicine

The University of Texas Medical Branch

2002-2003

Chief Resident and Assistant Professor Department of Internal Medicine

The University of Texas Medical Branch

1999-2002

Internal Medicine Internship and Residency

Education**St. George's University School of Medicine**

1995-1999

Doctor of Medicine Degree

GPA 3.84/4.0

North Carolina State University

Post Baccalaureate Studies

1993-1994

GPA 4.0/4.0

Bachelor of Science in Zoology

1987-1992

GPA 3.2/4.0

Licensure Information**Florida State Medical License**-ME 89277

2003-present

DEA

2003-present

Texas State Board of Medical Examiners-Temporary Faculty Permit

2002-2004

Certification**ABIM-Critical Care Board:** Board Certified

2007

ABIM-Pulmonary Medicine Board: Board Certified

2006

American Board of Internal Medicine: Board Certified

2002

ACLS Instructor Certified

current

-2-

ACLS	current
BCLS	current
United States Medical Licensing Examination	
Step I passed score 91/233	1997
Step II passed score 94/254	1998
Step III passed score 96/238	2001
ECFMG Certification	1999
Clinical Skills Assessment Exam	1998
ECFMG English Exam	1998

Professional Organizations

American Academy of Sleep Medicine	2006-present
American Thoracic Society	2006-present
American Society of Critical Care Medicine	2005-present
American College of Chest Physicians	2004-present
ACP-ASIM Associate Member	1999-2004

Publications

Rumbak, MJ, **Cox, JD**, Dray, D et al. The Right Heart Catheterization for the Pulmonologist: The Diagnosis, Management, and Prognosis of Patients With Pulmonary Arterial Hypertension. *Clin Pulm Med*. 2010; 17:239-243.

Presentations

Arterial Blood Gas Analysis	2011
Presentation to the Bone Marrow Unit Physician Assistants	
Mechanical Ventilation Update	2010
Update on basic pulmonary physiology, conventional ventilation modes, alternative modes of ventilation including high frequency ventilation and ECMO for respiratory therapists during Moffitt Cancer Center's Respiratory Care Week	
Primary Care-Common Pulmonary Problems	2007
CME course for Primary Care-Lectures included- Asthma 2007 Updated Guidelines, Community Acquired Pneumonia Treatment Guidelines for 2008, Smoking Cessation, Inhaled Insulin, Colds and Flu Diagnosis and Treatment, Parasomnias, Chest Pain Is it the Heart or Lungs?, Rhinitis and Sinusitis-Allergy or Infection?, and DVT/PE The Latest in Diagnosis and Treatment	
Current Concepts in Sleep 2007 Annual Sleep Conference	2007
Parasomnias for Sleep Medicine Board Review	
Update on Parasomnias	2007
Florida Thoracic Society/Florida American Lung Association-Pulmonary Critical Care Symposium	

-3-

Ventilator Associated Pneumonia	2007
6 th Semi-Annual Respiratory Care Conference Tampa General Hospital	
Update on Parasomnias	2007
Florida Thoracic Society/Florida American Lung Association-Pulmonary Winter Course	
Asthma and Airway Remodeling	2006
Literature Review and presentation at research conference	
Marching to the Beat of His Own Drum	2005
Presentation of Restless Legs Syndrome at Annual Don Cesar Sleep Conference	
A Bloody Mess	2005
Comprehensive case and literature review of Wegener's Granulomatosis	
It's a Dirty Job, but Someone has to do it!	2003
Internal Medicine Grand Rounds-CPC case of Leptospirosis	
Obesity in America	2002
Chief Resident talk	
A Sea of Red	2001
Resident Case Presentation of a patient with Eosinophilic Gastroenteritis	
A Pain in the Chest	2001
Resident Case Presentation of a patient with Lupus and Pure Red Cell Aplasia	

Professional and Teaching Experience

Critical Care Clerkship Director-USF	2007-present
Director of the fourth year medical student clerkship which entails education, grading, simulation training, and organization of the critical care rotations at three hospitals	
Pulmonary/Critical Care Board Review	2006-2007
Board review monthly for the fellows	
University of South Florida School of Nursing	2004 to present
Helped in small group sessions for the nurse practitioner's course on asthma and COPD	
University of South Florida	2005 to present
Preceptor teaching the first and second year medical students the chest exam using standardized patients	
Assistant Professor of Internal Medicine University of Texas, Galveston	2002-2004
Combination of Chief Resident year and subsequent year as a Hospitalist	
Chief Resident Internal Medicine	2002-2003
Emergency Medicine Faculty	2002-2003
Resident/student supervisor and provider for ER patients	
Internal Medicine Consult Service	2002-2003
I served as the faculty supervisor for the inpatient medicine consult service	
Internal Medicine Resident Clinic Preceptor	2002-2003
Supervised resident's clinic and gave weekly outpatient lecture	
Texas Department of Corrections General Medicine Clinic Preceptor	2002-2003
Supervised residents in the weekly TDC general medicine consult clinic	

-4-

Texas Department of Corrections Telemedicine Clinic Preceptor/Provider 2002-2003

Supervised residents and provided care to inmates at remote locations via tele-monitors

Practice of Medicine I Course Facilitator 2002-2003

I taught history taking skills, physical exam skills, and differential diagnosis to first year medical students. I facilitated history and physicals by the first year students on standardized patients.

Practice of Medicine II Resident Facilitator 1999-2002

I facilitated history and physicals by second year medical students on ward patients.

Student and Resident Medical Jeopardy 2002

I helped develop a medical jeopardy game from the medical student Internal Medicine Course learning objectives and the ABIM Internal Medicine Board content blueprint.

The students and residents would then play the game in an effort to stimulate learning and retention of course material in a fun environment.

Committee Responsibilities

USF Academic Performance Review Committee 2007-present

TGH Medical Peer Review Committee 2007-2008

UTMB Hospital Resuscitation Committee 2002-2003

UTMB Internal Medicine Resident Advisory Committee 2002-2003

UTMB Clinical Advisory Committee 2002-2003

UTMB Quality Management Committee 2002-2003

UTMB Internal Medicine Housestaff Advisory Committee 1999-2003

Honors and Awards

Outstanding Fourth Year Student Course 2007-08, 2008-09, 2009-10, 2010-11

The Critical Care Clerkship won the Outstanding Senior Clerkship Award

Physician of the Year-Moffitt Cancer Center Nominee 2010

Leadership Development Course Attendee 2007

Annual ACCP Chest Meeting-Invitation Only

Chief Pulmonary Critical Care Fellow-USF 2006-2007

Chest Challenge Participant 2006

Contest held by the ACCP in the "Jeopardy Game" format to test PCCM knowledge

Faculty Teaching Award University of Texas Medical Branch 2004

Awarded by the medical students and residents for outstanding teaching

AOA 2003

Chief Resident for Internal Medicine at UTMB 2002-2003

Thomas N. and Gleaves T. James Award 2002

Awarded for Excellent Performance by a Third Year Resident in Internal Medicine

Doctor's Dilemma National Winner 2002

Contest held by the ACP in the "Jeopardy Game Show" format to test medical knowledge

-5-

Doctor's Dilemma Contestant/Winner 2000-2002

I was a contestant for the UTMB medical jeopardy team, winning multiple local, state, and national competitions over three years in residency.

Employment**University of South Florida** 2007-present

Assistant Professor of Pulmonary, Critical Care, and Sleep Medicine
Critical Care Clerkship Director

University of Texas Medical Branch 2002-2004

Assistant Professor of Internal Medicine

Patsy Daniels, MD 1993-1994

I triaged patients, assisted in procedures, phlebotomy, and performed general office duties.

Richard Adelman, MD 1990-1993

I triaged patients, assisted in procedures, phlebotomy, and performed general office duties.

Matthew Andrews, PhD 1/1991-5/1992, 8/1992-8/1993

I was a Genetics lab technician. I performed protocols including DNA and RNA purifications, Northern and Southern blots, *in-vitro* fertilizations, auto-radiography, and limited experience with DNA sequencing. Our organism of study was *Xenopus laevis*.

Activities**Student Government Clinical Representative** 1996-1999

Notified clinical students across the US regarding upcoming activities and updated school policies and procedures

Life Course Center Opening 1997

Volunteer for the opening of Harbor Hospital's Community Center.

Performed screening interviews and administered the Beck Depression Survey.

Saturday Medicine 1997, 1999

Attended weekly Saturday medicine Conference at Johns Hopkins University during my Medicine, Sub-Internship, and elective rotations while living in Baltimore

Cell Biology Small Group Instructor 1996

Supervised and coordinated group discussions regarding the current literature and laboratory techniques on the pathogenesis of cancer.

Health Fair in Grenada, West Indies 1995

Volunteer for the biannual health fair in Grenada. Performed blood pressure, blood sugar, and sickle cell screenings.

Tutor for the Department of Educational Services 1995

Organized and lead small group tutorials for Embryology, Anatomy, and Neuroscience courses

CURRICULUM VITAE

November 28, 2012

NAME and ADDRESS

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E-mail: bdjulbeg@health.usf.edu

Web: <http://www.hsc.usf.edu/~bdjulbeg/>

MARITAL STATUS

Wife Mira, daughter Mia, son Mak

CITIZENSHIP

USA

ACADEMIC DEGREES

- 1987: Sc.D., (equivalent to Ph. D. degree in the US)
University of Sarajevo
("Studies on the differentiation and proliferation
of acute myeloblastic leukemia")
- 1978-1980: M.Sc., University of Zagreb (Biophysics)
("Mathematical modeling of acute myeloblastic leukemia")
- 1971-1976: M.D., Medical School,
University of Sarajevo

PROFESSIONAL EXPERIENCE

Attending physician:

- 2004-present: Tampa General Hospital
- 1998-present: H. Lee Moffitt Cancer Center & Research Institute
At the University of South Florida
Hematology-Oncology and Bone Marrow Transplant Programs
- 1991-1998 Attending physician at Louisville's Hospitals:
University of Louisville Hospital
Alliant Health System (Norton Hospital)
Jewish Hospital
Suburban Regional Center
Veterans Administration Medical Center
Audubon Regional Center
Frazier Rehab Center
Clark Memorial Hospital
Baptist Hospital East
- 1990-1991 Fellow in Hematology/Oncology,
Division Hematology/ Oncology,
J.G. Brown Cancer Center,
University of Louisville, KY, USA
- 1989-1990 Internal Medicine Residency
University of Louisville, KY

1988-1989	Fellowship in Hematology/Oncology, Division Hematology/ Oncology, J.G. Brown Cancer Center, University of Louisville, KY, USA
1987-1988	Visiting Investigator, Hormone Receptor Lab, James Graham Brown Cancer Center, University of Louisville, USA
1986-1987	Staff Physician and Consultant in Hematology, Department of Hematology, University Medical Center, University of Sarajevo
1985-1986	Fellowship in Hematology Paterson Institute for Cancer Research & Christie Hospital, Manchester, England
1984-1985	Fellowship in Hematology University Medical Center, University of Sarajevo
1980-1983	Residency in Internal Medicine University Medical Center, University of Sarajevo University of Belgrade
1978-1980:	Clinical Pharmacology Fellow, Factory for Pharmaceutical and Cosmetic Products "Bosnalijek," Sarajevo
1977:	Internship, University Medical Center, University of Sarajevo

ACADEMIC EXPERIENCE

2010:-	Distinguished Professor
2009-	Professor, College of Medicine's Department of Epidemiology and Health Research Policy, University of Florida (Courtesy Appointment)

2003:- Professor of Medicine and Oncology
University of South Florida

1998 -2003: Associate Professor of Medicine and Oncology
University of South Florida with tenure

1996 -1998: Associate Professor of Medicine
University of Louisville with tenure

1990-1996 Assistant Professor of Medicine
University of Louisville

1987: Assistant Professor of Medicine
University of Sarajevo

MEDICAL LICENSURE

Kentucky # 27579
Indiana: # 01042507
DEA: #BD2535067 (KY)
DEA: #BD5659341 (IN)
Florida: ME 77998

BOARD CERTIFICATION

1994: American Board of Hematology, #147231
(Re-certified 2001)

1992: American Board of Internal Medicine, #147231
(Re-certified 2001)

1989: FLEX, # 530125022
(US Federation Licensing Examination Certificate)

1984: ECFMG, # 380-510-8
(Certificate of US Educational Commission
for Foreign Medical Graduates)

PROFESSIONAL SOCIETIES

American College of Physicians
American Society of Hematology
American Society of Clinical Oncology

American Medical Association
 American Association for the Advancement of Science
 Society for Medical Decision Making
 Jefferson County Medical Society
 Florida Medical Association

**COMMITTEES, PANELS, SYMPOSIA, ADVISORY COUNCILS, PRECEPTORSHIPS
 and EDITORIAL BOARDS**

2012: Chair, Patient-Centered Outcome Research Institute (PCORI) Review Panel (Study Section ZRG1 BDCN M 70R / PCORI 11) (February 21)

2010-: Clinical Trials (Journal of the Society for Clinical Trials)
 Associate Editor

2010-: Florida Cancer Control & Research Advisory Board

2010-: CDC, member of EGAPP (Evaluation of Genomic Application in Practice and Prevention)

2009-: Contributing Member of Academy of Sciences (Bosnia & Herzegovina)

2008: Chair, Scientific Session on Statistical Methodology, 16th Cochrane Colloquium, Freiburg, October 3-7

2007: PLoS One, Editorial Board

2007: Journal of Evaluation in Clinical Practice
 (Editorial Board)

2006: Education for Evidence-based Practice (Advisory Board)

2005: PLoS Clinical Trials, Editorial Advisory Board

2005: Academic Editor: Public Library of Science (PLoS)

2005:- Fellow of the American College of Physicians

2005: National Science Foundation, a grant reviewer

2004-2005: Chair, Protocol Review and Monitoring Committee (Scientific Review Committee), H. Lee Moffitt Cancer Center & Research Institute

2004: Scientific Abstract Coordinating Reviewer, Health Services & Outcomes Research, 46th Annual Meeting of the American Society of Hematology, San Diego, California, from December 4-7, 2004

2004: Scientific Abstract Discussant, Session on Methodology of Health Service Research, 40th American Society of Clinical Oncology, New Orleans, June 5-8

2003-: Moderator, Session on Methodology of Health Service Research, American Society of Hematology, Annual Meetings

2003: Abstract reviewer, American Society of Hematology, 45th Annual Meeting, San Diego, December 6-9

2003: MRC (Medical Research Council)UK, grant reviewer

2003-: Editor, Evidence-based Oncology Section, Cancer Treatment Reviews

2003-: Member of Editorial Board *The Lancet Oncology*

2002-: Member of Editorial Board "James Lind Library"; <http://www.jameslindlibrary.org/responsible.html>

2002-: NIH, NHLBI (National Heart, Lung, and Blood Institute), NCI (National Cancer Institute) grant reviewer

2002-: Department of Veteran Affairs, Career Development Program Reviewer, Health Service Research and Development Service (HSR&D)

2002: Session Chair, "Challenges in the Design & Conduct of Clinical Research", USF Third National Symposium- Bioethical Considerations in Human Subject Research, Clearwater, Florida, March 8-10, 2002

2002: Chair, ASCO Health Services Research Sub-committee on Guideline Methodology

2001: Co-Chair, ASCO Health Services Research Subcommittee on Guideline Methodology

Chairman of a scientific session ("Cochrane Collaboration and Cochrane Systematic Reviews") at the 9th Cochrane Colloquium, Lyon, France (October, 9-13, 2001)

International Myeloma Foundation Panel on the Myeloma Management Guidelines (2002)

National Cancer Center Network Guidelines Anemia Panel (2001-)

"Training Course in Evidence-based Management in Oncology", European School of Oncology, October 4-6, 2001 Sarajevo (Chair)

Member of Executive Committee of the American Society of Clinical Oncology Health Services Research Committee(2001-)

Co-chair for PET assessment project of the American Society of Clinical Oncology Health Services Research Committee (2001-)

USF MPH student supervisor for the field experiences in Evidence-based Medicine and Systematic Reviews (Stephanie Daniels, Yiwen He), medical students within LSCE (Longitudinal Clinical Experience) Course (Tazia Skagg), and individual preceptorship fellows in clinical oncology-hematology (George Saman, Yousuff Gaffar) (2002-) and Evidenced Based Oncology (Otavio Clark, Luciana Clark 2001-2)

Thesis advisor and committee member for graduate student in MPH Program at the University of South Florida (Dr. Gerry Blaine) (2000-2001)

ECOG Cabinet member, IOP/MCC, University of South Florida (2001-2005)

Cochrane Haematological malignancies Group and Cochrane Myeloma Review Group (editor and reviewer) (2000-)

Member of IRB, University of South Florida (2000-)

Member of American Society of Clinical Oncology Health Services Research Committee (2000-)

National Cancer Center Network Guidelines Myeloma Panel (2000-)

Cancer Control Journal, Editorial Board (1999-)

Course Director, “*Symposium on Evidence-based practice in oncology*,” St. Petersburg, FL, November 12-14, 1999

Member of American Society of Hematology/American Society of Clinical Oncology Practice Guidelines Panel (1999-)

Member-in-Residence, H. Lee Moffitt Cancer Center & Research Institute Membership Program (1999-)

Moffitt Cancer Education Committee (1999-)

Editor and founder of the journal *Evidence-based Oncology* (1999-2002)

Representing the Moffitt Cancer Center at the National Cancer Center Network guidelines Steering Committee (1998-)

Associate Editor for journal *Managed Care and Cancer*, (1998-)

Scientific Review Committee for Abstract selection for Annual Meeting of Society for Medical Decision Making (1998-)

Chairman, “Symposium on chemotherapy in the treatment of breast cancer and hematologic malignancies,” University Medical Center, Sarajevo, June 18, 1998

National Institutes of Health (NIH), National Library of Medicine (NLM) reviewer for selection of biomedical journal for inclusion in MEDLINE and *Index Medicus* (1997)

Chairman, “Symposium on Evidence-based practice in oncology,” Louisville, KY, February 26, 1997; March 14 1998

Member of Committee and Co-preceptor for graduate student Tuyet Ngoc Thi Dinh (M.S. Degree), University of Louisville (Thesis: " The design and analysis of database management for the Hematologist expert system application"), 1996

Member of Committee and Co-preceptor for graduate student Billy B. Boone (M.S. Degree), University of Louisville (Thesis: "Maintenance and enhancement of the Hematologist expert system"), 1996

American Board of Internal Medicine, Reviewer and Writer of questions for Subspecialty Board in Hematology

International Rescue Committee, New York, Consultant in Oncology (served as a consultant in Bosnia and Herzegovina, October 1996)

Member of Committee and Co-preceptor for graduate student Susmitha Kantheti (M.S. Degree), University of Louisville (Thesis: "An Expert System for the Diagnosis of Anemia"; 1995)

Member of Committee and Co-preceptor for graduate student Thomas W. Dorris (M. Eng. Degree), University of Louisville (Thesis: "Implementation of an Expert System for the Diagnosis of Hematologic Disorders on the PC Platform";1994)

Undergraduate Education Committee, School of Medicine, University of Louisville (1992-1998)

Member of Faculty Forum, School of Medicine, University of Louisville (1992-1993)

Preceptor in Sophomore Clinical Diagnosis Course, University of Louisville (1991-Present)

Co-preceptor for student research, University of Louisville (presented at XIV Annual Student Research Day, University of Louisville, Louisville, October 18, 1988)

Chairman at XIV International Cancer Congress (Section on Tumour Differentiation), Budapest, 1986

DIRECTORATES/Chief

2012-:	Associate Dean for Clinical Research, USF
2012-:	Director: USF Clinical Translational Science Institute
2010-:	Chief, Division of Evidence-based Medicine and Health Outcomes, Department of Medicine, USF
2008-2011	Director, USF Center for Evidence-based Medicine and Health Outcome Research;
2008-2011	co-Director: USF Clinical Translational Science Institute
2007-2008	Director, Section on Evidence-based Medicine and Decision Sciences, H. Lee Moffitt Cancer Center & Research Institute
2005-2008	Medical Director, Cancer Registry, H. Lee Moffitt Cancer Center & Research Institute
2003-2005	Director, Clinical Research, Hematology-Oncology Program H. Lee Moffitt Cancer Center & Research Institute, University of South Florida
1998-	Evidence-based Medicine Research Group, H. Lee Moffitt Cancer Center & Research Institute, University of South Florida
1999-2001	Director of the Fellowship Program in Division of Blood and Bone Marrow Transplant, H. Lee Moffitt Cancer Center & Research Institute, University of South Florida
1994-1998	Director of Hemophilia Program Kentucky Program for Handicapped Children

HONORS and AWARDS (selected)

- 2012: the paper “New treatments compared to established treatments in randomized trials” published in The Cochrane Library, the single most reliable source of evidence in healthcare, was selected for the press release by the publishers with the subsequent podcast and was featured by the news agencies world-wide
- 2011/12: Selected in 1% of top US doctors by the US News & World Report
- 2011: Principle investigator and senior author on the paper (“True methodological quality of trials are not reflected in their reporting” by Mhaskar R, Soares H, Kumar A, Djulbegovic B, which received The Thomas C. Chalmers Award (first prize) at the 19th Annual Cochrane Colloquium, Madrid
- 2011: the paper “From efficacy to effectiveness in the face of uncertainty: indication creep and prevention creep” JAMA 2011;305:2005-2006” discussing implication of human judgment for health policy within a framework of irreducible uncertainty-inevitable errors-unavoidable injustice was featured as JAMA podcast and receiving JAMA author’s interview recognition as well as attention of the press
- 2008: the paper “Acceptable regret: an extension of basic decision-making concept to medical and clinical research arena” was selected for special presentation at the Society for Judgment and Decision Making in the NSF supported Symposium on “Application and Innovation: Lessons from Medical Decision-Making”, November 14-17, Chicago, 2008
- 2008: published the most comprehensive analysis about treatment success in clinical medicine (cancer) showing that discoveries of new treatments are linked to the ethical principle of “equipoise”/“uncertainty principle” (which at the same time defines limits of discoverability in clinical research and drives therapeutic advances in clinical medicine). The work has been described as “the law of clinical discoveries” and has received attention of the press all over the world with requests for many interviews.

- 2007: H. Lee Moffitt Cancer Center & Research Institute Publication Award to the scientist with publication with highest average impact factor
- 2007: the paper “When should potentially false research findings be considered acceptable?” selected as the Press Release by the PLoS Medicine & featured in Scientific American
- 2006: the paper published in the Lancet on December 9, 2006, illustrating the concept of (acceptable) regret and need to consider joint assessment of benefits and harms (based on the totality of evidence) in medical decision-making (screening mammography) was featured by the news agencies around the world with many interviews requested (and given)
-it was also featured on the Lancet cover page (“quotation of the week”)
- 2005: the paper published in BMJ on Dec 3, 2005 illustrating how unpredictability of the results removes ethical dilemma and preserves clinical trial system was displayed as the “Editor’s choice” and received considerable attention in professional and lay press (e.g. with the request for the interview in Newsweek)
-it was also featured on the BMJ cover page as the paper of the week
-selected for the “Year Book In Oncology” (2006)
- 2005: **Djulbegovic B** et al The uncertainty principle and industry-sponsored research. Lancet 2000;356:635-38
was considered as the classic citation in the field and was selected as the first representative of the 21st century on the James Lind Library- the most authoritative source on evolution of treatment testing and advances in health care
(http://www.jameslindlibrary.org/trial_records/published.html#21st)
- 2004: Where is the evidence? Interview with Eur J Cancer. 2004 Dec;40(18):2637.
- 2000-2002: The work (i.e. several articles) on uncertainty was featured by

the world-wide news agencies around the world with many interviews requested (and given), was translated into Portuguese and in 1999 was selected by the ASH Leadership and Program Committee as potentially being of great interest to the national media (out of more than 5,100 abstracts submitted to the American Society of Hematology's 41st Annual Meeting, New Orleans, December 3-7, 1999)

Similarly, the work on regret and quality of medical evidence received both institutional and national recognition resulting in several rewards and featured articles in professional and lay press.

- 1999: **The Tomas C. Chalmers Award** (second prize), for the work "empirical verification of the uncertainty principle in the conduct of randomized trials." (**Djulgovic B**, Lacey M, Lyman GH). VII Cochrane Colloquium: The Best Evidence for Health Care, Rome, 1999, October 5-9
- 1997: First place for the poster "**Regret in Clinical Decision Making**" at the Second Annual Medical Research Competition *Research! Louisville*, November 20-21
- 1994: The book **Djulgovic B**. Reasoning and Decision making in Hematology. Churchill Livingstone, Inc. New York:1992 was listed as one of the best books in 1993 according to J Natl Cancer Inst (1994; 86:235-236); the book was also translated in Italian as "Il Processo Decisionale in Ematologia," Centro Scientifico Editore, Torino:1994)
- 1976: Dr B. Zimonjic prize,
Golden Medal of School of Medicine for
Outstanding Performance in the Medical School
- 1976: Hasan Brkic Golden Medal of University of
Sarajevo for Outstanding Performance;
graduated *summa cum laude*

- 1976: Hasan Brkic Award of University of Sarajevo,
Annual Research Day
(for 2 best student scientific papers)
- 1975: Valedictorian of the class in the fifth year of
Medical School
- 1974: Valedictorian of the class in the fourth year of
Medical School
- 1973: Valedictorian of the class in the third year of
Medical School
- 1972: Valedictorian of the class in the second year of
Medical School
- 1971: Valedictorian of the class in the first year of
Medical School

BIBLIOGRAPHY

PUBLICATIONS (reverse chronological order)

1. Miladinovic B, Kumar A, Mhaskar R, Kim S, R Schonwetter, **Djulgovic B**. A Flexible Alternative to the Cox Proportional Hazards Model for Assessing the Prognostic Accuracy of Hospice Patient Survival. PLoS ONE 7(10): e47804. doi:10.1371/journal.pone.0047804
2. Anderson KC, Alsina M, Bensinger W, Biermann JS, Cohen AD, Devine S, **Djulgovic B** et al. Waldenstrom's Macroglobulinemia/Lymphoplasmacytic Lymphoma, Version 2.2013. J Natl Compr Canc Netw. 2012 Oct 1;10(10):1211-1219.
3. Veenstra DL, Piper M, Haddow JE, Pauker SG, Klein R, Richards CS, Tunis SR, **Djulgovic B**, Marrone M, Lin JS et al: Improving the efficiency and relevance of evidence-based recommendations in the era of whole-genome sequencing: an EGAPP methods update. Genetics in Medicine 2012 (in press) (10.1038/gim.2012.106)
4. **Djulgovic B**, Hozo I, Beckstead J, Tsalatsanis A, Pauker SG. Dual processing model of medical decision-making. BMC Medical Informatics and Decision Making.2012, 12:94.
5. **Djulgovic B**, Kumar A, Glasziou PP, Perera R, Reljic T, Dent L, Raftery J, Johansen M, Di Tanna GL, Miladinovic M, Soares HP, Vist GE, Chalmers I. New treatments compared to established treatments in randomized trials. Cochrane Database of Systematic Reviews 2012,

Issue 10. Art. No.: MR000024. DOI: 10.1002/14651858.MR000024.pub3.

6. Terasawa T, Trikalinos NA, **Djulbegovic B**, Trikalinos TA. Comparative efficacy of first-line therapies for advanced-stage chronic lymphocytic leukaemia: a multiple-treatment meta-analysis. *Cancer Treat Rev* 2012 (in press) (PMID: 22703832)
7. Kharfan-Dabaja MA, Pidala J, Kumar A, Terasawa T and **Djulbegovic B**. Comparing efficacy of reduced-toxicity allogeneic hematopoietic cell transplantation with conventional chemo-(immuno) therapy in patients with relapsed or refractory CLL: a Markov decision analysis. *Bone Marrow Transplantation* 2012;1–7
8. Guyatt GH, Oxman AD, Santesso N, Helfand Mark, Gunn V, Kunz Regina, Brozek J, Norris S, Meerpohl J, **Djulbegovic B**, et al. GRADE guidelines 12. Preparing Summary of Findings tables—binary outcomes. *Journal of Clinical Epidemiology*. 2012; in press
9. **Djulbegovic B**, Hozo I. When is it rational to participate in a clinical trial? A game theory approach incorporating trust, regret and guilt. *BMC Medical Research Methodology* 2012, 12:85.
10. Carson JL, Grossman BJ, Kleinman S, Tinmouth AT, Marques MB, Fung MK, Holcomb JB, Illoh O, Kaplan LJ, Katz LM, Rao SV, Roback JD, Shander A, Aaron A, Tobian R, Weinstein R, McLaughlin LG, **Djulbegovic B**. Red Blood Cell Transfusion: A Clinical Practice Guideline from the AABB. *Ann Intern Med* 2012;157(1):49-58
11. Mhaskar R, **Djulbegovic B**, Magazín A, Soares HP, Kumar A. Published methodological quality of randomized controlled trials does not reflect the actual quality assessed in protocols. *J Clin Epidemiol* 2012;65:602-609
12. Kumar A, Reljic T, Mhaskar A, Mhaskar R, Kharfan-Dabaja M, Anasetti C, Mohty M and **Djulbegovic B**. Anti-thymocyte globulin for acute-graft-versus-host-disease prophylaxis in patients undergoing allogeneic hematopoietic cell transplantation - a systematic review. *Leukemia* 2012; 26(4):582-8
13. Tsalatsanis A, Barnes LE, Hozo I, **Djulbegovic B**. Extensions to Regret-based Decision Curve Analysis: An application to hospice referral for terminal patients. *BMC Medical Informatics and Decision Making* 2011, 11:77 (doi:10.1186/1472-6947-11-77)
14. **Djulbegovic B**, Paul A. From efficacy to effectiveness in the face of uncertainty: indication creep and prevention creep. *JAMA* 2011;305:2005-2006

15. **Djulbegovic B.** Uncertainty and Equipoise: At Interplay Between Epistemology, Decision Making and Ethics. *Am J Med Sci.* 2011;342(4):282-9 (PMID: 21817885)
16. Guyatt GH, Oxman AD, Montori V, Vist G, Kunz R, Brozek J, Alonso-Coello P, **Djulbegovic B** et al. GRADE guidelines: 5. Rating the quality of evidence-publication bias. *J Clin Epidemiol.* 2011 Jul 29. (PMID: 21802904)
17. Tsalatsanis A , Gil-Herrera E, Yalcin A, **Djulbegovic B**, Barnes L. Designing Patient-Centric Applications for Chronic Disease Management. *Conf Proc IEEE Eng Med Biol Soc.* 2011:3146-9
18. Gil-Herrera E, Yalcin A, **Djulbegovic B**, Tsalatsanis A , Barnes L. Rough Set Theory based Prognostication of Life Expectancy for Terminally Ill Patients. *Conf Proc IEEE Eng Med Biol Soc.* 2011:6438-41
19. Pidala J, **Djulbegovic B**, Anasetti C, Kharfan-Dabaja M, Kumar A. Allogeneic hematopoietic cell transplantation for adult acute lymphoblastic leukemia (ALL) in first complete remission- a Cochrane Review. *Cochrane Database of Systematic Reviews* 2011, Issue 10. Art. No.: CD008818.
20. La Caze A, **Djulbegovic B**, Senn S. What does randomization achieve? *Evidence-Based Medicine* (2011). doi:10.1136/ebm.2011.100061
21. Miladinovic B, Kumar A, Hozo I, **Djulbegovic B**. Instrumental variable meta-analysis of individual patient data: application to adjust for treatment non-compliance. *BMC Medical Research Methodology* 2011, 11:55.
22. Guyatt GH, Oxman AD, Vist G, Kunz R, Brozek J, Alonso-Coello P, Montori V, Akl EA, **Djulbegovic B** et al. GRADE guidelines:4. Rating the quality of evidence-study limitations (risk of bias). *Journal of Clinical Epidemiology* 2011;64:407-15.
23. Tsalatsanis A, Barnes, L, Hozo I, Skvoretz J, **Djulbegovic B**. A social network analysis of treatment discoveries in cancer. *PLoS ONE* 2011;6(3): e18060
24. Djulbegovic M, **Djulbegovic B**. Implication of the Principle of Question Propagation for Comparative- Effectiveness and “Data-mining” Research. *JAMA* 2011;305:298-299
25. Dahm P, **Djulbegovic B**. Australian approach to guidelines development: quest for perfect system. *BMC Medical Research Methodology* 2011, 11:17 (designated as “*highly access*” article by the publisher)
26. Kumar A, Hozo I, Wheatley K, and **Djulbegovic B**. Thalidomide versus bortezomib based regimens as first-line therapy for patients with multiple myeloma: a systematic review.

- Am J Hematol 2011; 86:18–24.
27. Kumar A, Galeb S, **Djulgovic B**. Treatment of Patients with Multiple Myeloma: An Overview of Systematic Reviews. *Acta Haematol* 2011;125:8–22
 28. **Djulgovic B**, Kumar A, Magazin A, Schroen AT, Soares H, Hozo I, Clarke M, Sargent DJ, Schell MJ. Optimism bias leads to inconclusive results - an empirical study. *J Clin Epidem* 2011;64:583-93
 29. Wager L, Mhaskar R, Warburton S, **Djulgovic B**. JAMA published fewer industry-funded studies after introducing a requirement for independent statistical analysis. *PLoS ONE* 2010;5(10): e13591 (doi:10.1371/journal.pone.0013591)
 30. Tsalatsanis A, Hozo I, Vickers I, **Djulgovic B**. A regret theory approach to decision curve analysis: A novel method for eliciting decision makers' preferences and decision-making. *BMC Medical Informatics and Decision Making* 2010, 10:51.
 31. Djulgovic M, Beyth RJ, Neuberger MM, Stoffs TL, Viewweg J, **Djulgovic B**, Dahm P. Screening for prostate cancer: systematic review and meta-analysis of randomised controlled trials. *BMJ* 2010;341:c4543 (doi:10.1136/bmj.c4543)
 32. Schroen AT, Petroni GR, Wang H, Gray R, Wang XF, Cronin W, Sargent, DJ, Benedetti J, Wickerham DL, **Djulgovic B**, Slingluff CL. Jr. Preliminary evaluation of factors associated with premature trial closure and feasibility of accrual benchmarks in phase III oncology trials. *Clinical Trials* 2010;7:312-21.
 33. Roback JD, Caldwell S, Carson J, Davenport R, Drew MJ, Eder A, Fung M, Hamilton M, Hess JR, Luban N, Perkins JG, Sachais BS, Shander A, Silverman T, Snyder E, Tormey C, Waters J, **Djulgovic B**. Evidence-based practice guidelines for plasma transfusion. *Transfusion*. 2010 Jun;50(6):1227-39
 34. Mhaskar AR, Quinn G, Vadaparampil S, **Djulgovic B**, Gwede CK, Kumar A. Timing of first-line cancer treatments - Early versus late - A systematic review of phase III randomized trials. *Cancer Treatment Reviews* 2010;36: 621–628
 35. **Djulgovic B**. Management of venous thromboembolism in cancer: a brief review of risk-benefit approaches and guidelines' recommendations. *The Journal of Supportive Oncology* 2010; 8(2):84-91.
 36. **Djulgovic B** & Hozo I. Health Care Reform & Criteria for Rational Decision-making. *SMDM Newsletter*, 2010 (<http://www.smdm.org/newsletters.shtml>)
 37. Kumar A & **Djulgovic B**. Critical appraisal skills- making sense of evidence. *Acta Informatica Medica* 2010;18:109-113
 38. Mhaskar R, Redzepovic J, Wheatley K, Clark OAC, Miladinovic B, Glasmacher A, Kumar A, **Djulgovic B**. Bisphosphonates in multiple myeloma: a network meta-analysis. *Cochrane Database of Systematic Reviews* 2012, Issue 5. Art. No.: CD003188. DOI: 10.1002/14651858.CD003188.pub3.

39. Herold CI, **Djulgovic B**, Hozo I, Lyman GH. Reliable data on 5- and 10-year survival provide accurate estimates of 15-year survival in estrogen receptor-positive early-stage breast cancer. *Breast Cancer Res Treat* 2009; DOI 10.1007/s10549-009-0564-1
40. Kumar A, List AF, Hozo I, Komrokji R, **Djulgovic B**. Decitabine versus 5-azacitidine for the treatment of myelodysplastic syndrome: adjusted indirect meta-analysis. *Haematologica*. 2010; 95(1):340-342
41. **Djulgovic B**, Trikalinos T, Roback J, Chen R, Guyatt G. Impact of quality of evidence on the strength of recommendations: an empirical study. *BMC Health Services Research* 2009, 9:120 (designated by the publisher as “highly accessed article”)
42. Anderson KC, Alsina M, Bensinger W, Chanan-Khan A, Cohen AD, Devine S, **Djulgovic B** et al..et al. NCCN Clinical Practice Guidelines in Oncology: Multiple Myeloma. *J Natl Compr Canc Netw*. Oct 2009;7(9):908-942. (update in: *J Natl Compr Canc Netw*. 2011 Oct;9(10):1146-83. No abstract available. Erratum in: *J Natl Compr Canc Netw*. 2011 Dec 1;9(12):xxv.)
43. **Djulgovic B**. Paradox of equipoise: the principle that drives and limits discoveries in clinical research. *Cancer Control* 2009;16:342-347
44. Pidala J, Anasetti J, Kharfan-Dabaja MA, Cutler C, Sheldon A, **Djulgovic B**. Decision analysis of peripheral blood mobilized vs. bone marrow derived hematopoietic stem cells for allogeneic hematopoietic cell transplantation. *Blood Marrow Transplant* 2009; 15: 1415-21
45. Kharfan-Dabaja MA, Mhaskar A, **Djulgovic B**, Cutler C, Mohty M, Kumar A. Efficacy of Rituximab in the Setting of Steroid- Refractory Chronic Graft-versus-Host Disease: A Systematic Review and Meta-Analysis; *Blood Marrow Transplant* 2009; 15: 1005-13
46. Mhaskar R, Kumar R, Behera M, Kharfan-Dabaja MA, **Djulgovic B**. Role of High-Dose Chemotherapy and Autologous Hematopoietic Cell Transplantation in Primary Systemic Amyloidosis: A Systematic Review. *Blood Marrow Transplant* 2009; 15: 893-902
47. Koreth J, Schlenk R, Kopecky K, Honda S, Sierra J, **Djulgovic B**. Allogeneic Stem Cell Transplantation for Acute Myeloid Leukemia in First Complete Remission. Systematic Review and Meta-Analysis of Prospective Clinical Trial. *JAMA* 2009;301;2349-2361
48. Hozo I, **Djulgovic B**. Will insistence on practicing medicine according to expected utility theory lead to an increase in diagnostic testing? Reply to Dekay’s commentary:Physicians’ anticipated regret and diagnostic testing. *Medical Decision Making* 2009;29;320-324
49. Kumar A, **Djulgovic B**. Tandem Versus Single Autologous Hematopoietic Cell Transplantation for the Treatment of Multiple Myeloma: A Systematic Review and Meta-analysis. Reply. *J Nat Cancer Inst* 2009;13;966-967

50. Bohlius J, Schmidlin K, Brillant C, Schwarzer G, Trelle S, Seidenfeld J, Zwahlen M, Clarke M, Weingart O, Kluge S, Piper M, Rades D, Steensma D, **Djulbegovic B** et al Recombinant human erythropoiesis-stimulating agents and mortality in patients with cancer: a meta-analysis of randomized trials. *Lancet* 2009;373:1532-1542
51. Goy A, Bernstein SH, Kahl BS, **Djulbegovic B**, Robertson MJ, de Vos S, Epner E, Krishnan A. Bortezomib in patients with relapsed of refractory mantle cell lymphoma: updated time-to-event analyses of the multicenter phase 2 PINNACLE study. *Ann of Onc* 2009;20:520-525
52. **Djulbegovic B**. Risk Prediction Versus Diagnosis: Preserving Clinical Nuance in a Binary World. *Ann Intern Med* 2009;150; 2009:223-.
53. Freedman A, Neelapu S, Nichols C, Robertson M, **Djulbegovic B**, et.al. A Placebo-Controlled Phase III Trial of Patient-Specific Immunotherapy with Mitumprotimut-T and GM-CSF Following Rituximab in Patients with Follicular Lymphoma. *J Clin Oncol* 2009; 27: 3036-43
54. Kumar A, Kharfan-Dabaja M, Glasmacher A, **Djulbegovic B**. Tandem Versus Single Autologous Hematopoietic Cell Transplantation for the Treatment of Multiple Myeloma: A Systematic Review and Meta-analysis. *J Nat Cancer Inst* 2009; 101: 100-6
55. **Djulbegovic B**, Guyatt G, Ashcroft R. Epistemological Inquiries in Evidence Based Medicine. *Cancer Control* 2009;16:158-168
56. **Djulbegovic B**, Kumar A. Multiple myeloma: detecting the effects of new treatments. *Lancet* 2008; 371:1642-1644
57. Benett CL, Silver SM, **Djulbegovic B** et al. Venous thrombembolism and mortality associated with recombinant erythropoietin and darbepoetin administration for the treatment of cancer-associated anemia. *JAMA* 2008;299:914-92
58. Hozo I, Schell MJ, **Djulbegovic B**. Decision-making when data and inferences are not conclusive: risk-benefit and acceptable regret approach. *Semin Hematol* 2008;45:150-159
59. Kunz R, **Djulbegovic B**, Schunemann HJ, Stanulla M, Muti O, Guyatt G. Misconceptions, challenges, uncertainty and progress in guidelines recommendations. *Semin Hematol* 2008; 45:167-175
60. Fletcher JW, **Djulbegovic B**, Soares HP, et al. Recommendations for the Use of FDG (fluorine-18, (2-[¹⁸F]Fluoro-2-deoxy-D-glucose) Positron Emission Tomography in Oncology. *J Nucl Med* 2008;49:480-508

61. Hoppe RT, Advani RH, Ambinder RF, Bierman, PJ, Bloomfield CD, Blum K, Dabaja B, **Djulbegovic B** et al. Hodgkin disease/lymphoma. *J Natl Compr Canc Netw*. 2008;6(6):594-622.
62. Rodgers GM, 3rd, Becker PS, Bennett CL, Cella D, Chanan-Khan A, Chesney C, Cleeland C, Coccia PF, **Djulbegovic B** et al. Cancer- and chemotherapy-induced anemia. *J Natl Compr Canc Net* . 2008;6(6):536-564.
63. Rizzo JD, Somerfield MR, Hagerty KL, Seidenfeld J, Bohlius J, Bennett CL, Cella DF, **Djulbegovic B**, Goode M, Jakubowski AA, Rarick MU, Regan DH, Lichtin AE. American Society of Clinical Oncology/American Society Of Hematology 2007 Clinical Practice Guideline Update on the Use of Epoetin And Darbepoetin. *J Clin Oncol* 2008;26:132-149
64. **Djulbegovic B**, Kumar A, Soares HP, Hozo I, Bepler G, Clarke M, Bennett CL. Treatment Success in Cancer. New Cancer Treatment Successes Identified in Phase III randomized controlled trials conducted by the National Cancer Institute -sponsored Cooperative Oncology Groups: 1955-2000. *Arch Intern Med* 2008;168:632-642
65. **Djulbegovic B**, Kumar A, Bepler G, Clarke M, Soares HP, Hozo I, Bennett CL. Treatment success in cancer-reply. *Arch Intern Med* 2008;168:2173-2174
66. Hozo I, **Djulbegovic B**. Clarification and Corrections of Acceptable Regret Model. *Med Decis Making* 2009;29:323-324
67. Hozo I, **Djulbegovic B**. When is diagnostic testing inappropriate or irrational? Acceptable regret approach. *Med Decis Making* 2008;28:540-553
68. Wilcox, RA, **Djulbegovic B**, Guyatt, GH, Montori, VM. Randomized trials in oncology stopped early for benefit. *J Clin Oncol* 2008;26:18-19
69. Tanvetyanon T, Soares HP, **Djulbegovic B**, Jacobsen PB, Bepler G. A systematic review of quality of life associated with standard chemotherapy regimens for advanced non-small cell lung cancer. *J Thorac Oncol* 2007;2:1091-7
70. Kharfan-Dubaja MA, Kumar A, Behera M, **Djulbegovic B**. Systematic review of high dose chemotherapy and autologous stem cell transplantation for chronic lymphocytic leukaemia: what is the published evidence? *Br J Haematol* 2007; : 139: 234–242
71. **Djulbegovic B**, Hozo I, Lyman GH. Estimating net benefits and harms of screening mammography in women age 40-49. *Ann Intern Med* 2007;147:882
72. **Djulbegovic B**, Angelotta C, Knox K, Bennett CL. The sound and the fury: financial conflicts of interest in oncology. *J Clin Oncol* 2007;25:3567-3569

73. Bennett CL, Nebeker JR, Yarnold PR, Tighe CC, Dorr DA, McKoy JM, Edwards BJ, Hurdle JF, West DP, Lau DT, Angelotta C, Weitzman SA, Belknap SM, **Djulbegovic B**, Tallman MS, Kuzel TM, Benson AB, Evens A, Trifilio SM, Courtney DM, Raisch DW. Evaluation of serious adverse drug reactions: A proactive pharmacovigilance program (RADAR) vs safety activities conducted by the food and drug administration and pharmaceutical manufacturers. *Archives of Internal Medicine* 2007;167: 1041-1049
74. Scheetz MH, McKoy JM, Parada JP, **Djulbegovic B**, Raisch DW, Yarnold PR et al. Systematic review of piperillin-induced neutropenia. *Drug Safety* 2007;30:295-306
75. Behera M, Kumar A, Soares HP, Sokol L, **Djulbegovic B**. Evidence-based medicine for rare diseases: implications for data interpretation and clinical trial design. *Cancer Control* 2007; 14:160-166
76. Kumar A, Soares HP, Balducci L, **Djulbegovic B**. Treatment tolerance and efficacy in geriatric oncology: A systematic review of phase III randomized trials conducted by 5 NCI-sponsored cooperative groups. *J Clin Oncol* 2007;25:1272-1276
77. **Djulbegovic B**. Articulating and responding to uncertainties in clinical research. *J Med Philosophy* 2007; 32:79-98
78. **Djulbegovic B**, Hozo I. When should potentially false research findings be considered acceptable? *PLoS Med* 2007; 4(2): e26. doi:10.1371/journal.pmed.0040026
79. Koreth J, Cutler C, **Djulbegovic B**, Behl R, Schlossman RL, Munshi NC, Richardson PG, Anderson KC, Soiffer RJ, Alyea EP. High-dose therapy with single autologous transplantation versus chemotherapy for newly diagnosed multiple myeloma: a systematic review and meta-analysis of randomized controlled trials. *Biol Blood Marrow Transplant.* 2007;13(2):183-96
80. Fisher RI, Bernstein SH, Kahl BS, **Djulbegovic B**, Robertson MJ, de Vos S, Epner E, Krishnan A, Leonard JP, Lonial S, Stadtmauer EA, O'Connor OA, Shi H, Boral AL, Goy A. Multicenter Phase II Study of Bortezomib in Patients With Relapsed or Refractory Mantle Cell Lymphoma. *J Clin Oncol* 2006;24:4867-74
81. **Djulbegovic B**, Lyman G. Screening mammography for women age 40-49: regret or no regret? *Lancet* 2006;368:2035-2037
82. Stem Cell Trialists Group (**Principal Investigator: Djulbegovic B**). Individual patient data meta-analysis of allogeneic peripheral blood stem cell transplant vs. bone marrow transplant

in the management of hematological malignancies: indirect assessment of the effect of day 11 methotrexate administration. *Bone Marrow Transplant* 2006; 38:539-546

83. **Djulbegovic B**, Soares HP, Kumar A. What kind of evidence do patients and practitioners need: evidence profiles based on 5 key evidence-based principles to summarize data on benefits and harms. *Cancer Treatment Reviews* 2006;32:572-576
84. Glasziou P, **Djulbegovic B**, Burls A. Are systematic reviews more cost-effective than randomized trials? *Lancet* 2006; 367(9528):2057-8
85. Prentice AG, Glasmacher A, **Djulbegovic B**. In meta-analysis itraconazole is superior to fluconazole for prophylaxis of systemic fungal infection in the treatment of haematological malignancy. *Br J Haematol.* 2006;132(5):656-8
86. Rodgers GM 3rd, Cella D, Chanan-Khan A, Chesney C, Cleeland C, Coccia PF, Demetri GD, **Djulbegovic B**, Garst JL, Gore M, Kraut EH, Lin WC, Millenson M, Mock V, Reinke D, Rosenthal J, Sabbatini P. Cancer- and treatment-related anemia. *J Natl Compr Canc Netw.* 2005 Nov;3(6):772-89.
87. Pavlidis N, Stahel R, Clarke M, **Djulbegovic B**. Cancer treatment reviews welcomes submission of the Cochrane Reviews. (editorial) *Cancer Treatment Reviews* 2006; 32:243-244
88. **Djulbegovic B**. Evidence and decision-making. *J Eval Clin Practice* 2006;12: 248-256
89. Bohlius J, Wilson J, Seidenfeld J, Piper M, Schwarzer G, Sandercock J, Trelle S, Weingart O, Bayliss S, **Djulbegovic B**, Bennett C, Langensiepen S, Hyde C, and Egert A. Effects of recombinant human erythropoietins on patients with cancer: a updated meta-analysis comprising the evidence from 57 studies including 9,353 patients. *JNCI* 2006; 98:708-14
90. Prentice AG, Glassmacher A, **Djulbegovic B**. In meta-analysis itraconazole is superior to fluconazole for prophylaxis of systemic fungal infection in the treatment of haematological malignancy. *Br J Haematol* 2006;132:656-658
91. Hoppe RT, Advani RH, Bierman PJ, Bloomfield CD, Buadi F, **Djulbegovic B**, Forero A, Gordon LI, Hernandez-Ilizaliturri FJ, Kaminski MS, Love G, Maloney DG, Mauch PM, Moore JO, Schilder RJ, Weiss L, Winter JN, Yahalom J, Zelenetz AD. National Comprehensive Cancer Network. Hodgkin disease/lymphoma. Clinical practice guidelines in oncology. *Journal of the National Comprehensive Cancer Network.* 2006; Mar 4(3):210-30
92. Rodgers GM, Cella D, Chanan-Khan A, Chesney C, Cleeland C, Coccia PF, Demetri GD, **Djulbegovic B** et al. Cancer- and treatment-related anemia. The NCCN Clinical Practice Guidelines. Version 2: 2005. *JNCCN* 2005;3:772-789

93. Lyman G, **Djulbegovic B**. The challenge of systematic reviews of diagnostic and staging studies in cancer. *Cancer Treatment Reviews* 2005; 31:628-639
94. **Djulbegovic B**, Frohlich A, Bennett CL. Acting on imperfect evidence: how much regret are we ready to accept? *J Clin Oncol* 2005; 23:6822-6825
95. Kumar A, Soares HP, Wells R, Clarke M, Hozo I, Bleyer A, Reaman G, Chalmers I, **Djulbegovic B**. What is the probability that a new treatment for cancer in children will be superior to an established treatment? An observational study of randomised controlled trials conducted by the Children's Oncology Group. *BMJ* 2005;331:1295-1301 (3 December), doi:10.1136/bmj.38628.561123.7C (published online 18 November 2005)
96. Hozo I, **Djulbegovic B**, Clark O, Lyman GH. Use of re-randomized data in meta-analysis. *BMC Medical Research Methodology* 2005;17
(<http://www.biomedcentral.com/content/pdf/1471-2288-5-17.pdf>)
97. Vincent S, **Djulbegovic B**. Oncology treatment recommendations can be supported only by 1-2% of high-quality published evidence. *Cancer Treatment Reviews* 2005; 31(4):319-22
98. Clark OAC, Lyman G, Castro AA, Clark LGO, **Djulbegovic B**. Colony stimulating factors for chemotherapy induced febrile neutropenia- a meta-analysis. *JCO* 2005; 23:4198-4214
99. Stem cell Trialists' Collaborative Group (**PI: Djulbegovic B**). Allogeneic Peripheral Blood Stem Cell Versus Bone Marrow Transplantation in the Management of Hematological Malignancies: An Individual Patient Data Meta-Analysis of 9 Randomized Trials and 1,111 Patients. *J Clin Oncol* 2005; 23:5074-5087
100. Hozo SP, Hozo I, **Djulbegovic B**. Estimating the mean and variance from the median, range, and the size of a sample. *BMC Medical Research Methodology* 2005, Apr 20;5(1):13
(<http://www.biomedcentral.com/content/pdf/1471-2288-5-13.pdf>) (designated by the publisher as "highly accessed article")
101. Soares HP, Kumar A, MD, Daniels S, Swann S, Cantor S, Hozo I, Clark M, Serdarevic F, Gwede C, Trotti A, **Djulbegovic B**. Evaluation of new treatments in radiation oncology: are they better than standard treatments? *JAMA* 2005;293:970-978
102. **Djulbegovic B**. Erythropoietin use in oncology: a summary of the evidence and practice guidelines comparing efforts of the Cochrane Review Group and Blue Cross/Blue

- Shield to set up the ASCO/ASH guidelines. *Best Practice & Research Clin Haematol* 2005; 18: 455-466
103. **Djulbegovic B.** Lifting the fog from the practice of medicine. *BMJ* 2004;329:1419-20
 104. **Djulbegovic B.** Well informed uncertainties about the effects of treatment: Paradox exists in dealing with uncertainty. *BMJ* 2004;328(7446):1018
 105. **Djulbegovic B.** Commentary on “Perceptions of equipoise are crucial to trial participation”. *Cochrane Collaboration Method Groups Newsletter* 2004;8:19-20
 106. Mann H, **Djulbegovic B.** Biases due to differences in the treatments selected for comparison (comparator bias). *James Lind Library* (www.jameslindlibrary.org), 2004 (updated in 2012)
 107. Alsina M, Fonseca R, Wilson EF, Belle NA, Gerbino E, Price-Troska T, Overton RM, Ahmann G, Bruzek L, Adjei A, Kaufmann S, Wright JJ, Sullivan D, **Djulbegovic B**, Cantor AB, Greipp PR, Dalton WS, Sebt SM. Farnesyltransferase inhibitor tipifarnib is well tolerated, induces stabilization of disease, and inhibits farnesylation and oncogenic/tumor survival pathways in patients with advanced multiple myeloma. *Blood* 2004;103: 3271-7
 108. Soares H, Daniels S, Kumar A, Clarke A, Scott C, Swann S, **Djulbegovic B.** Bad reporting does not mean bad methods for randomized trials: observational study of randomised trials performed by the Radiation Therapy Oncology Group. *BMJ* 2004;328:22-5
 109. Glasmacher A, Prentice A, Gorschlüter M, Engelhart S, Hahn C, **Djulbegovic B**, Schmidt-Wolf IGH. Itraconazole prevents invasive fungal infection in patients treated for haematological malignancies: Evidence from a meta-analysis of 3,500 patients. *J Clin Oncol* 2003; 21: 4615-4626
 110. Durie BG, Kyle RA, Belch A, Bensinger W, Blade J, Boccadoro M, Anthony Child J, Comenzo R, **Djulbegovic B**, Fantl D, Gahrton G, Luc Harousseau J, Hungria V, Joshua D, Ludwig H, Mehta J, Rodrique Morales A, Morgan G, Nouel A, Oken M, Powles R, Roodman D, San Miguel J, Shimizu K, Singhal S, Sirohi B, Sonneveld P, Tricot G, Van Ness B. Myeloma management guidelines: a consensus report from the Scientific Advisors of the International Myeloma Foundation. *Hematol J.* 2003;4:379-98
 111. Mann H, **Djulbegovic B.** Clinical equipoise and the therapeutic misconception. *Hastings Center Report* 2003;September-October:4
 112. **Djulbegovic B**, Clarke M, Cantor A. The importance of the preservation of the ethical principle of equipoise in the design of clinical trials: Relative impact of the methodological quality domains on the treatment effect in randomized controlled trials. *Accountability in Research* 2003;10:302-317

113. Strehl J, Glasmacher A, **Djulbegovic B** et al. High-dose chemotherapy followed by autologous stem transplantation as first-line therapy in aggressive non-Hodgkin's lymphoma: a meta-analysis. *Haematologica* 2003;88:1304-1315
114. The International Myeloma Working Group. Criteria for the classification of monoclonal gammopathies, multiple myeloma and related disorders: a report of the International Myeloma Working Group. *Br J Haematol* 2003;121:749-757
115. Bepler G, Goodridge D, **Djulbegovic B**, Clark RA, Tockman M. A systematic review and lessons learned from early lung cancer detection trials using low-dose computed tomography of the chest. *Cancer Control* 2003;10: 306-314
116. Clark OAC, Lyman G, Castro AA, Clark LGO, **Djulbegovic B**. Colony stimulating factors for chemotherapy induced febrile neutropenia. In: *The Cochrane Library*: Oxford: Update Software Cochrane, Cochrane Database Syst Rev.2003;(3):CD003039
117. **Djulbegovic B**, Coleman RE, Stahel RA, Singh D, Lyman G.. Evidence-based oncology in cancer treatment reviews. *Cancer Treatment Reviews* 2003;29:45-50
118. **Djulbegovic B** and Singh D. Evidence-based oncology section-aims and scope. *Cancer Treatment Reviews* 2003;29:51-53
119. Lexchin J, Bero L, **Djulbegovic B**, Clark O. Pharmaceutical industry sponsorship and research outcome and quality: A systematic review. *BMJ* 2003;326:1167-1177 (*cited >1,000 times*)
120. Mann H, **Djulbegovic B**, Gold PB. Equipoise in clinical trials (Letter) *J Law Med & Ethics*. 2003; 31(1): 5-6
121. Mann H, **Djulbegovic B**. Choosing a control intervention for a randomized clinical trial. *BMC Medical Research Methodology* 2003, 3:7
122. Mann H, **Djulbegovic B**. Off-study availability of investigational treatments. *Lancet* 2003; 361:1302
123. **Djulbegovic B**, Seidenfeld J, Bonnel C, Kumar A. Nonmyeloablative allogeneic stem cell transplantation for hematologic malignancies: a systematic review. *Cancer Control* 2003;10:17-41
124. Kumar A, Loughran T, Alsina M, Durie B, **Djulbegovic B**. Management of multiple myeloma: a systematic review and methodologic critique of the literature. *Lancet Oncol* 2003;4:293-304
125. **Djulbegovic B**. Denominator problem needs to be addressed. *BMJ* 2002;325:1420 (letter)

126. Kumar A, **Djulbegovic B**. Why evidence-based oncology management. *J Oncol Manag* 2002;11:13-16
127. Bottomley A, Thomas R, vanSteen K, Flechtner H, **Djulbegovic B**. Erythropoietin improves quality of life-a response. *Lancet Oncol* 2002;3:527 (letter)
128. **Djulbegovic B**, Hozo I. At what degree of belief in research hypothesis a trial in humans is justified? *J Eval Clin Practice* 2002; 8: 269-276.
129. Wheatley K, **Djulbegovic B**, Glasmacher A. Priority-setting decisions for new cancer drugs. *Lancet* 2002;359:1524-525
130. Gordon MS, Lichtin AE, Woolf SH, J. Rizzo DJ, Seidenfeld J, Bennett B, Cella D, **Djulbegovic B**, Goode M, Jakubowski AA, Lee SJ, Miller CB, Rarick MU, Regan DH. Use Of Epoetin In Patients With Cancer: Evidence-Based Clinical Practice Guidelines Of The American Society Of Clinical Oncology And American Society Of Hematology. *Blood*. 2002 Oct 1;100:2303-2320/ *J Clin Oncol*. 2002 Oct 1;20:4083-107 (available as early release at <http://www.bloodjournal.org/cgi/content/abstract/2002-06-1767v1> and <http://www.jco.org/cgi/content/abstract/JCO.2002.07.177v1>)
131. Clark O, Clark L, Cutler C, Wheatley K, **Djulbegovic B**. Allogeneic peripheral blood stem cells vs. bone marrow transplant for hematological malignancies (Protocol for the Cochrane Review). In: *The Cochrane Library*, Issue 4, 2002: Oxford: Update Software
132. He Y, Clark O, Glassmacher A, Ross J, Wheatley K, **Djulbegovic B**. Early vs. deferred treatment for early stage myeloma. In: *The Cochrane Library*: Oxford: Update Software , 2003 (Database Syst Rev. 2003;(1):CD004023)
133. Cruise H, Winiarek M, Marshburn J, Clark O, **Djulbegovic B** Quality and methods of developing practice guidelines. *BMC Health Service Research* 2002;2:1 (<http://www.biomedcentral.com/1472-6963/2/1>)
134. Bottomley A, Thomas R, van Steen K, Flechtner H, **Djulbegovic B**. Human Erythropoietin and quality of life: a wonder drug or something to wonder about? *Lancet Oncol* 2002;3:145-53
135. Clark O, Adams J, Bennet CL, **Djulbegovic B**. The uncertainty principle and cumulative meta-analysis in randomized studies of erythropoietin for treatment of cancer related anemia *BMC Cancer*. 2002;2:23 (<http://www.biomedcentral.com/1471-2407/2/23>)
136. Lyman G, Kuderer N, **Djulbegovic B**. Prophylactic granulocyte colony-stimulating factor in patients receiving dose intensive cancer chemotherapy: a meta-analysis. *Am J Med* 2002;112:406-11

137. Adams JR, Lyman GH, **Djulebegovic B**, Feinglass J, Bennett CL. G-CSF as prophylaxis of febrile neutropenia in SCLC. *Expert Opin Pharmacother*. 2002; 3:1273-81
138. **Djulebegovic B**, Wheatley K, Ross J, Bos G, Goldschmidt H, Cremer F, Alsina M, Clark O, Glasmacher A. Bisphosphonates for multiple myeloma (Cochrane Review). In: *The Cochrane Library*, Issue 4, 2001. Oxford: Update Software
139. Clark O, Clark L, **Djulebegovic B**. Is clinical research still too haphazard? *Lancet* 2001; 358:1648
140. **Djulebegovic B**, Clarke M, Schulz KF, Moher D, Altman DG. Ethical issues in the reporting of clinical trials. *JAMA* 2001;286:1577-1578
141. **Djulebegovic B**, Cohen Y. The natural history of refractory idiopathic thrombocytopenic purpura. *Blood* 2001;98:2282-2283
142. Kantardzic M, Hamdan H, **Djulebegovic B**. Artificial Neural Networks Approach in Diagnostics of Polycythemia Vera. *Internat J Computers and Their Applications*. 2001;8:74-79
143. **Djulebegovic B**. Commentary to the CONSORT Statement: revised recommendations for improving the quality of reports of parallel group randomized trials. *Cochrane Collaboration Methods Groups Newsletter* 2001;5:11-12
144. **Djulebegovic B**, Clarke M. Informing patients about uncertainty in clinical trials. *JAMA* 2001; 285:2713-2714
145. **Djulebegovic B**, Adams JR, Lyman GH, et al. Evaluation and appraisal of randomized controlled trials in myeloma. *Ann Oncology* 2001; 12: 1611-1617
146. **Djulebegovic B**. Acknowledgement of uncertainty-a fundamental means to ensure scientific and ethical validity in clinical research. *Cur Oncology Reports* 2001; 3:389-95
147. Lyman GH, **Djulebegovic B**. Understanding economic analyses. *Evidence-based Oncology* 2001;2:2-5
148. **Djulebegovic B**. Placebo-controlled trials. *Ann Intern Med* 2001;135:62-63
149. **Djulebegovic B**. Commentary on "Clinical score for cancer patients with febrile neutropenia." *ACP J Club* 2001; March/April: 134:76

150. **Djulbegovic B**, Clarke M. Scientific and ethical issues in equivalence clinical trials. JAMA; 2001;285:1206-1208
151. **Djulbegovic B**, Bennett CL, Adams JR, Lyman GH. Industry-sponsored research. Lancet 2000;356:2194
152. Knox KS, Adams JR, **Djulbegovic B**, Stinson TJ, Bennett CL. Reporting and Dissemination of Industry versus Non-Profit Sponsored Economic Analyses of Six Novel Drugs in Oncology. Ann Oncology 2000; 11:1591-1595
153. Lilford RJ, **Djulbegovic B**. Equipoise and "the uncertainty principle" are not mutually exclusive BMJ 2001;322:795
154. **Djulbegovic B**, Cantor A, Lyman GH, Ruckdeschel JC. Understanding treatment benefits and harms. Evidence-based Oncology 2000;1:66-68
155. Lilford RJ, **Djulbegovic B**. Equipoise is essential principle of human experimentation. BMJ 2001;322:299-300
156. **Djulbegovic B**, Lacey M, Cantor A, Fields K, Bennett CL, Adams JR, Kuderer N, Lyman GH. The uncertainty principle and industry-sponsored research. Lancet 2000;356:635-638
157. **Djulbegovic B**, Thalidomide is active drug against myeloma that failed transplant. Evidence-based commentary. In: Evidence-based Oncology 2000;1:16-17
158. **Djulbegovic B**, Hozo I and Lyman G. Linking Evidence-based Medicine Therapeutic Summary Measures to Clinical Decision Analysis. MedGenMed, January 13, 2000
<http://www.medscape.com/Medscape/GeneralMedicine/journal/2000/v02.n01/mgm0113djul/mgm0113.djul-01.html>
159. **Djulbegovic B**, Lyman GH, Ruckdeschel J. Why Evidence-based Oncology. Evidence-based Oncology 2000;1:2-5
160. **Djulbegovic B**, Morris L, Lyman G. Evidentiary challenges to evidence-based medicine. J Eval Clin Practice 2000;6:9-109
161. **Djulbegovic B**. Two systematic reviews – two different answers. BMJ 1999; August 18
<http://www.bmj.com/cgi/eletters/319/7205/312> (letter)
162. **Djulbegovic B**. Acquired anaemias and polycythaemia. Lancet 2000;356:596

163. **Djulbegovic B**, Hozo I, Lyman GH. Talking about treatment. *Ann Intern Med* 2000;132:93-94
164. Cohen Y, **Djulbegovic B**, Shamai-Luebovitz O, Mozes B. The bleeding risk and natural history of patients with severe Idiopathic Thrombocytopenic Purpura (ITP) *Arch Int Med* 2000;160:1630-1638
165. **Djulbegovic B**, Hendler F, Pavletic S. Reasoning by identifying goals of treatment *Cancer Control* 1999;6 (July/August):377-384
166. **Djulbegovic B**, Hozo I, McMasters K, Schwartz A. Acceptable Regret in Medical Decision Making. *Med Hypotheses*. 1999;53:253-259
167. Hozo I and **Djulbegovic B** .Using Internet to Calculate Clinical Action Thresholds. *Comp Biomed Res* 1999;32:168-185
168. **Djulbegovic B**, Loughran TP, Kloecker G, Efthimiadis EN, Hadley TJ, Englert J, Hoskins M, Goldsmith GH. The quality of medical evidence in hematology-oncology. *Am J Med* 1999;106:198-205
169. **Djulbegovic B** .The Chief Knowledge Officer vs. Improvement in Science of Information Dissemination? *BMJ* 1998; September 28, (<http://www.bmj.com/cgi/eletters/317/7162/0#EL1>) (letter)
170. **Djulbegovic B** and Hozo I. Acting on evidence can only be done within the context of decision analysis. *BMJ* 1998; July 29 (<http://www.bmj.com/cgi/eletters/317/7151/139>) (letter)
171. **Djulbegovic B** and Hozo I. Computer program for the diagnosis and treatment of Polycythemia Rubra Vera. *MD Computing* 1999;16:83-89
172. **Djulbegovic B**, Hozo I, Fields KK, Sullivan D. High-dose chemotherapy in the adjuvant treatment of breast cancer: benefit risk analysis. *Cancer Control* 1998;5:394-405
173. **Djulbegovic B** and Hadley T. The need and feasibility of evidence-based guidelines in oncology. *Oncology* 1998;12:310-314
174. Hozo I and **Djulbegovic B**. Calculating confidence intervals for threshold and posttest probabilities. *MD Computing* 1998;15:110-115
175. **Djulbegovic B**, Goldsmith G, Vaughn D, Birkimer J, Marasa M, Joseph G, Huang A, and Hadley T. Comparison of the quality of life between HIV positive hemophilia patients and HIV negative hemophilia patients. *Haemophilia* 1996;2:166-172

176. **Djulgovic B**, Marasa M, Pesto A, Kushner GM, Hadley T, Joseph G and Goldsmith G. Safety and Efficacy of Purified Factor IX Concentrate and Antifibrinolytic Agents for Dental Extractions in Hemophilia B. *Am J Hematol* 1996;51:168-170
177. **Djulgovic B** and Desoky A. Equation and nomogram for calculation of testing and treatment thresholds. *Med Decis Making* 1996;16:198-199
178. **Djulgovic B**. Lack of prophylactic anticoagulant therapy is not associated with clinical thrombotic complications in patients with hemophilia who undergo orthopedic surgical procedures. *Am J Hematol* 1995;50:229-230
179. **Djulgovic B**, Hozo I, Abdomerovic A, Hozo S. Diagnostic entropy as a function of therapeutic benefit/risk ratio. *Med Hypotheses* 1995;45:503-509
180. **Djulgovic B**, Hannan M, Bergman G. Concomitant treatment with factor IX concentrates and antifibrinolytics in hemophilia B. *Acta Hematol* 1995;94(suppl 1):43-48
181. **Djulgovic B**. Clinical Problem- Solving: "Still Hazy After All These Years" *N Engl J Med* 1995;332:332-333 (letter)
182. **Djulgovic B**, Goldsmith G. Guidelines for management of hemophilia A and B. *Blood* 1995;85:598-599 (letter)
183. Joseph G, Smith JK, Hadley TJ, **Djulgovic B**, Troup G, Oldfather J and Barker RL. HLA-DR53 protects against thrombotic thrombocytopenic purpura/adult hemolytic uremic syndrome. *Am J Hematol* 1994;47:189-193
184. **Djulgovic B**. An Estimation of life Expectancy: the method is a message. *Med Decis Making* 1993; 13:245-246
185. Joseph G, Hadley T, **Djulgovic B**, Hamm J, Seeger J, Blumenreich M, Woodcock T. High dose chlorambucil and dexamethasone for relapsed non-Hodgkin's lymphoma. *Am J Clin Oncol* 1993;16:319-322
186. **Djulgovic B**, Blumenreich M, Hadley T, Joseph G. Meta-analysis of chemotherapy in multiple myeloma. *J Clin Oncol* 1992;10:1366-67 (letter)
187. **Djulgovic B**, Hendler F, Hamm J, Hadley T, Woodcock T. Mediastinal residual mass after treatment of Hodgkin lymphoma. A Decision analysis. *Med Hypotheses* 1992;38:166-175

188. **Djulbegovic B** and Woodcock T. Mathematical modeling or waiting decades for an empirical answer? *Med Decis Making* 1992;12:77
189. Pasic R, **Djulbegovic B**, Softic Dz, Wittliff JL. Steroid receptors and breast cancer. *Med Pregl* 1991;1-2:48-51
190. Hadley T, **Djulbegovic B**. Disseminated intravascular coagulation after Factor IX Complex resolved using purified factor IX concentrate. *Ann Intern Med* 1991; 115: 621-622
191. **Djulbegovic B**, Hadley T, Joseph G. A new algorithm for diagnosis of polycythemia vera. *Am Family Physician* 1991;44:113-120
192. **Djulbegovic B**, Hollenberg J, Wodcock TM, Herzig R. Comparison of different treatment strategies for diffuse large-cell lymphomas. A Decision analysis. *Med Decis Making* 1991;11:1-8
193. **Djulbegovic B**, Hadley T, Yen F. Occurrence of high-grade T cell lymphoma in patient with chronic myelogenous lymphoma: case report and review of the literature. *Am J Hematol* 1991;36:63-64
194. Pasic R, **Djulbegovic B**, Wittlif JL. Comparison of enzyme immunoassay and radioligand binding for estrogen and progesterone receptors in human breast cancer. *J Clin Lab Analysis* 1990; 4:430-436
195. Denic S, **Djulbegovic B**, Ridzanovic Z. Optimal timing of bone marrow transplantation in chronic myelogenous leukemia. *Period Biol* 1989;91:391-396
196. Pasic R, **Djulbegovic B**, Wittlif JL. Influence of OCT on the steroid receptors level. *Clin Chem* 1989;35:2317-2319
197. **Djulbegovic B**, Hadley TJ, Pasic R. A new algorithm for the diagnosis of anemia. *Postgrad Med* 1989;88:119-130
198. Ridzanovic Z, **Djulbegovic B**. Reasons and practice of poor diagnostic testing. *Lijec Vjesn* 1988;110:395-401
199. Scepanovic D, **Djulbegovic B**. Some genetic considerations on Buerger's disease. In: *Proceedings of I Yugoslav Congress of Angiology*. Sarajevo,1988:381-392
200. **Djulbegovic B**, Christams SE, Moore M. Differentiated HL₆₀ promyelocytic leukaemia cells produce a factor inducing differentiation. *Leuk Res* 1987;3:259-264

201. **Djulbegovic B**, Christams SE, Evans G, Moore M. Studies of the effect of 1,25 dihydroxycholecalciferol on the proliferation and differentiation of the human promyelocytic leukaemia cell line HL-60. *Biomed & Pharmacoth* 1986;40:407-416
202. **Djulbegovic B**, Secerbegovic S. Diagnosis of acute ischaemic heart disease with an aid of a personal computer. *Lijec Vjesn* 1986;108:380-383
203. **Djulbegovic B**, Svetina S. Mathematical model of the acute myeloblastic leukaemia: an investigation of the relevant kinetic parameters. *Cell Tiss Kinet* 1985;18:307-319
204. **Djulbegovic B**, Konjicija A. Mathematical basis of clinical judgement. *Med Arh* 1984;38:245-258
205. Kusec Lj, **Djulbegovic B**, Obradov S et al. Prognostic factors in multiple myeloma. *Med Arh* 1984;38:203-211
206. Serdarevic Dz, **Djulbegovic B**, Mulabegovic N. Drug effects on laboratory tests. *Med Arh* 1979; 33:379-385
207. **Djulbegovic B**, Filipovic S. Studies of lactate dehydrogenase isoenzymes in human tissues. *Med pod* 1976;28:47-52
208. **Djulbegovic B**. Analysis of lactate dehydrogenase isoenzymes in fundus and pyloric stomach mucosa in healthy people and patients suffering from chronic gastritis. *Glas Medic* 1976;16:177-185
209. **Djulbegovic B**, Filipovic S. Electrophoretic analysis of lactate isoenzymes in human tissues. *Glas Medic* 1975;15:12-18

ABSTRACTS/letters

1. Miladinovic B, Hozo I, Kumar A, Mhaskar R, Georgiev H, **Djulbegovic B**. Confidence interval estimation following trial sequential analysis: a comparison of methods using cancer trials. 20th Cochrane Colloquium: Auckland, New Zealand. 2012:September 30-October 3:p51
2. Mhaskar R, Reljic T, Wao H, Miladinovic B, Kumar A, **Djulbegovic B**. Impact of quality of reporting of treatment-related harms on overall therapeutic effects. 20th Cochrane Colloquium: Auckland, New Zealand. 2012:September 30-October 3:p73
3. Miladinovic B, Hozo I, Kumar A, Mhaskar R, Georgiev H, **Djulbegovic B**. Novel trial sequential analysis (TSA) method for time-to-event outcomes. 20th Cochrane Colloquium: Auckland, New Zealand. 2012:September 30-October 3:p85

4. **Djulgovic B**, Hozo I, Beckstead J, Pauker SG. Dual processing model of medical decision-making. 2012; 14th Biennial Society of Medical Decision-Making, Oslo, Norway, June 10-12
5. Mhaskar R, Wao H, Reljic T, Kumar A, **Djulgovic B**. Impact of National Cancer Institute's Common Toxicity Criteria for Adverse Events on Quality of Treatment Related Harms Reporting: An Analysis of National Cancer Institute's Co-Operative Group Phase III Randomized Controlled Trials. *Blood* 2011;309:673
6. **Djulgovic B**, Kumar A, Miladinovic B, Mhaskar A, Reljic T, et al. Success in Meeting the Primary Endpoints in Phase III Trials: A Comparison of Industry and Cooperative Group Trials . *Blood* 2011;508:237
7. Baz R, Patel A, Ho VQ, Shain K, **Djulgovic B**. Outcomes Analysis of Doublets of Novel Agents with Corticosteroids Versus Regimens with 3 or more Agents for Multiple Myeloma (MM). *Blood* 2011; 820:1878
8. Georgiev H, Tsalatsanis A, Kumar A, **Djulgovic B**. Social Network Analysis (SNA) of Research Programs in Multiple Myeloma (MM).*Blood* 2011;1358:3144
9. Patel A, Ho VQ, Shain K, Sullivan D, Alsina M, **Djulgovic B**. Sequence of Therapy in Multiple Myeloma: Does it Matter? Retrospective Evaluation of Patients with Multiple Myeloma Who have received Bortezomib followed by Lenalidomide or Vice Versa. *BLOOD* 2011;1703:3979
10. Mhaskar R, Miladinovic B, Tsalatsanis A, Mbah A, Kumar A, Sehwan K, Schonwetter R, **Djulgovic B**. External Validation of Prognostic Models in Terminally Ill Patients. *Blood*;1791:4186
11. Mhaskar R, Georgiev H, Wao H, Kumar A, **Djulgovic B**. Using data from systematic reviews or multiple sources in decision analyses impacts conclusions. 33rd Annual Meeting for Society of Decision-making. Chicago, IL, October 22-26
12. Mhaskar R, Magazin A, Kumar A, **Djulgovic B**. Impact of reported vs. actual methodological quality assessment on treatment effect size. *Cochrane Database Syst Rev* 2011; Suppl 3-233 (P2B233)
13. Mhaskar R, Magazin A, Soares H, Kumar A, **Djulgovic B**. True methodological quality of trials are not reflected in their reporting. *Cochrane Database Syst Rev* 2011; Suppl 3-233 (P2B232)
14. Mhaskar R, Georgiev H, Wao H, Kumar A, **Djulgovic B**. How often do decision analyses of interventions agree with matching systematic reviews? *Cochrane Database Syst Rev* 2011; Suppl 3-233 (P2B248)
15. Galeb S, Reljic T, **Djulgovic B**, Gwede C, Kumar NB, Kumar A. Are African American

- men adequately represented in prostate cancer randomized controlled trials? A systematic review. *J Clin Oncol* 29: 2011 (suppl; abstr 6066).
16. **Djulgovic B**, Paul A: Efficacy Research and Unanswered Clinical Questions—Reply. *JAMA: The Journal of the American Medical Association* 306:709-710, 2011
 17. Miladinovic B, Kumar A, **Djulgovic B**. Correcting for bias in per protocol data: Instrumental variable meta-analysis. 18th Cochrane Colloquium: Keystone, CO. 2010:October 18-22:p74
 18. Mhaskar R., Redzepovic J., Wheatley K., Clark O., Glasmacher A., Miladinovic B., Kumar A., **Djulgovic B**. Comparative Effectiveness of Bisphosphonates In Multiple Myeloma. *Blood* 2010.116.21.3028a
 19. Pidala J, **Djulgovic B**., Anasetti C., Allogeneic Hematopoietic Cell Transplantation for Acute Lymphoblastic Leukemia in First Complete Remission: A Systematic Review and Meta-Analysis. *Blood* 2010.116.21.3511a
 20. Reljic T., Bhansali N., Komrokji R., Lin K., List A., **Djulgovic B**., Comparative Effectiveness of Azacitidine Versus Decitabine for the Treatment of Myelodysplastic Syndromes. *Blood* 2010.116.21.3995a
 21. Mhaskar R., Wao H., Kumar A., Miladinovic B., **Djulgovic B**. Role of Iron Supplementation of Erythropoiesis Stimulating Agents in the Management of Chemotherapy-Induced Anemia in Cancer Patients: A Systematic Review and Meta-Analysis. *Blood* 2010.116.21.2055a
 22. Kumar A., Mhaskar A., Kharafan-Dabaja M., Anasetti C., Mohty M., **Djulgovic B**. Antithymocyte Globulin (ATG) for Graft-versus-host-disease (GvHD) Prophylaxis in Patients Undergoing Allogeneic Hematopoietic Cell Transplantation (allo-HCT): A Systematic Review and Meta-Analysis. *Blood* 2010.116.21.1513a
 23. Iztok H, Tsalatsanis A, Vickers A, **Djulgovic B**. A Regret Theory Approach to Decision Curve Analysis. 32nd Annual Society for Medical Decision Making Meeting: Toronto, Ontario, Canada 2010: October 24-27: pp.220
 24. Miladinovic B, Kumar A, **Djulgovic B**. Correcting for bias in per protocol data: Instrumental variable meta-analysis. 18th Cochrane Colloquium: Keystone, CO. 2010:October 18-22:p74
 25. Tsalatsanis A, Hozo I, **Djulgovic B**. Small world networks and treatment discovery process in cancer. *J Clin Oncol* 2010;28:468s
 26. Mhaskar RS, Redzepovic J, Wheatley K, Clark O, Glasmacher A, Kumar A, **Djulgovic B**. Bisphosphonates in Multiple Myeloma. A Systematic Review and Meta Analysis. 51st American Society of Hematology annual meeting, New Orleans, Dec 5-Dec 8, 2009
 27. Wager E, Mhaskar R, Warburton S, **Djulgovic B**. Was JAMA's requirement for independent statistical analysis associated with a change in the number of industry-funded

studies it published? International Congress on Peer Review and Biomedical Publication. September 10-12, 2009, Vancouver, BC, Canada,

28. Krleza-Jeric K, **Djulbegovic B**, Nasser M et al. International standards for Public Reporting of Clinical Trial Outcomes and Results (PROCTOR): a proposal to increase the quality of evidence produced by systematic reviews. 17th Cochrane Colloquium, October 11-14, 2009, Singapore
29. Mhaskar R, Kumar A, Soares H, Gardner B, **Djulbegovic B**. Treatment-related harms: what was planned and what was reported? An analysis of Southwest Oncology phase III trials. 17th Cochrane Colloquium, October 11-14, 2009, Singapore
30. Kumar A, List F, Hozo I, **Djulbegovic B**. The Impact of Azacitidine and Decirabine (Hypomethylating-Agents) in Myelodysplastic Syndromes: A Systematic Review and Meta-Analysis. *Haematologica* 2009;94;0661
31. **Djulbegovic B**, Kumar A, Magazin A, Soares HP. Quality of Randomized controlled trials (RCTS) in Hematological Malignancies: What was reported versus what was done. *Haematologica* 2009;94;1117
32. Schroen A, Petroni G, Wang H, **Djulbegovic B**. Challenges to accrual predictions to phase III cancer clinical trials: A survey of study chairs and lead statisticians of 248 NCI-sponsored trials. *J Clin Onc* 2009;27:15S
33. Mhaskar R, Kumar A, Soares H, Schell M, **Djulbegovic B**. Does quality of treatment-related harms reporting affect conclusions about superiority of treatment? *J Clin Onc* 2009;27:15S
34. Spencer P, **Djulbegovic B**, Kumar A, Powsang J. Systematic reviews for prostate cancer: Overwhelming task for clinicians. *J of Urology* 2009;181:4
35. Freedman A, Neelapu S, Nichols C, Robertson M, **Djulbegovic B**. A Placebo-Controlled Phase III Trial of Patient Specific Immunotherapy with Mitumprotimut-T (ID-KLH) and GM-CSF Following Rituximab in Patients with CD20+ Follicular Lymphoma. *BLOOD* 2008;112:236
36. Magazin A, Kumar A, Soares H, Schell M, Hozo I, **Djulbegovic B**. Exception Bias-the Main Culprit for Large Number of Inconclusive Randomized Controlled Trials in Hematological Malignancies. *BLOOD* 2008;112:671
37. Kumar A, Hozo I, **Djulbegovic B**. Thalidomide Versus Bortezomib-Based Regimens for Relapsed Myeloma: Meta-Analysis and Indirect Meta-Analysis. *BLOOD* 2008;112:2362
38. Kumar A, List A, Mhaskar R, **Djulbegovic B**. Efficacy of Hypo-Methylating Agents in the Treatment of Myelodysplastic Syndromes: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. *BLOOD* 2008;112:3632

39. Magazin A, Kumar A, Soares H, Hozo I, Schell M, **Djulbegovic B**. Empirical investigations of optimism bias. *Z Evid Fortbild Qual Gesundh* 2008;102:9 (16th Cochrane Colloquium, Freiburg, Germany, October 3-7, 2008)
40. Kumar A, Soares H, Wells R, **Djulbegovic B**. How often do “breakthroughs” interventions (BI) discovered in randomized controlled trials (RCTs) conducted during last 50 years inform the current practice? *J Clin Oncol* 2008;26:351s
41. **Djulbegovic B**, Moreno C, Kumar A et al. Benefits (survival) and risks (30 days mortality) of phase I trials in oncology. *J Clin Oncol* 2008;26:339s
42. Bennett C, Lagman J, McKoy J, Courtney D, Belknap S, Sartor O, **Djulbegovic B**, West D. Health-related quality of life (HR-QOL) and chronic health conditions (CHC) in survivors of childhood acute myelogenous leukemia (AML). *J Clin Oncol* 2008.26.358s
43. Goy A, Bernstein S, Kahl B, **Djulbegovic B**, Robertson M, et al. Durable Response with Bortezomib in Patients with Relapsed or Refractory Mantle Cell Lymphoma (MCL): Updated Time-to-Event Analysis of the Multicenter PINNACLE Study. *Blood* 2007; 110: 45a
44. **Djulbegovic B**, Kumar A, Soares H, Hozo I, Beppler G, Clark M, Bennett C. Treatment Success in Cancer. *Blood* 2007; 110: 195a
45. Kumar A, Kharfan-Dabaja M, Glasmacher A, **Djulbegovic B**. Tandem Versus Single Autologous Hematopoietic Cell Transplantation for Treatment of Multiple Myeloma: A Meta-Analysis of Randomized Controlled Trials (RCT). *Blood* 2007; 110: 284a
46. Behera M, Kumar A, Kharfan-Dabaja M, **Djulbegovic B**. Role of High-Dose Chemotherapy with Autologous Stem Cell Transplantation in Primary Systemic Amyloidosis: A Systematic Review and Meta-Analysis. *Blood* 2007; 110 :845a
47. Shankaran V, McKoy J, **Djulbegovic B**, Lyons A, et al. Waiting for Godot: Thirty –Six Month Follow-Up on Accelerated FDA Approval of Drugs To Treat Hematologic Malignancies. *Blood* 2007; 110: 980a
48. Alekshun T, Mcisaac-Simonelli C, Kharfan-Dabaja M, Dalton W, **Djulbegovic B**, Fernandez H, et al. Phase I Study of Bortezomib, (BTZ) Followed by High-Dose Melphalan (HD Mel) and BTZ as Conditioning Regimen for Tandem Peripheral Blood Stem Cell Transplants (TanPSCT) in Patients with Primary Refractory Multiple Myeloma (MM) and Plasma Cell Leukemia (PCL). *Blood* 2007; 110: 365B

49. Kumar A, **Djulgovic B**. Reliable Evidence of Safety and Efficacy of Elderly Patients in Randomized Clinical Trials Still Needed. *J Clin Oncol* (in press)
50. Kumar A, Soares H, Alsina M, **Djulgovic B**. Are randomized trials in multiple myeloma adequately powered? *Haematologica* 2007;92(6, supplement 2):208
51. Soares HP, Kumar A, **Djulgovic B**. Lack of Reporting Harms in the NCI-Sponsored Phase III Hemotological Malignancies Trials Leads to Outcomes Reporting Bias. Presented in **Plenary Session** at the 2006 Office of Research Integrity/NIH Research Conference on Research Integrity, December 1st to 3rd, Safety Harbour, Florida, 2006.
52. Kumar A, **Djulgovic B**, Soares HP. Unrealistic Expectations of Treatment Effects May Hamper Advancements in Medicine: A Review of Randomized Trials Conducted by 3 NCI Cooperative Groups. Presented in **Plenary Session** at the 2006 Office of Research Integrity/NIH Research Conference on Research Integrity, December 1st to 3rd, Safety Harbour, Florida, 2006.
53. Kumar A, **Djulgovic B**, Soares H. Plasmapheresis in the treatment of renal failure associated with multiple myeloma. *Blood* 2006;108:1024a
54. Kumar A, **Djulgovic B**, Soares H. Role of high-dose autologous hematopoietic stem cell transplantation for relapsed or refractory Hodgkin's disease. *Blood* 2006;108:453b
55. **Djulgovic B** and Hozo I. Explaining variation in practice: an acceptable regret approach. 28th Soc Medical Decision Making, Boston, October 14-18, 2006
56. **Djulgovic B** and Hozo I. When should potentially false research findings be tolerated? XIV Cochrane Colloquium, Dublin, 23-26 October, 2006
57. **Djulgovic B** and Hozo I. Using evidence beyond an empirically available time horizon: should it be done? XIV Cochrane Colloquium, Dublin, 23-26 October, 2006
58. Kumar A, Soares H, **Djulgovic B**. Possible misleading conclusions due to inappropriate approach in dealing with data extraction from factorial design randomized trials. XIV Cochrane Colloquium, Dublin, 23-26 October, 2006
59. Lurie AJ, **Djulgovic B**, Nebeker JR, Angellota C, et al. Do post-approval phase III trials for accelerated approved cancer drugs violate equipoise? *J Clin Oncol* 2006;24 (18S):307s
60. **Djulgovic B**, Kumar A, Soares HP. What is the probability that new cancer treatments are better than standard treatments? *J Clin Oncol* 2006;24 (18S):330s

61. Segota E, Soares HP, **Djulgovic B**, Kumar A, Bassler D, Guyatt GH. Randomized clinical trials in oncology stopped early for benefit (RCTSEB). *J Clin Oncol* 2006;24 (18S):310s
62. Kumar A, Soares HP, Balducci L, **Djulgovic B**. Treatment efficacy and tolerance in geriatric oncology. *J Clin Oncol* 2006;24 (18S):329s
63. Soares HP, **Djulgovic B**, Kumar A, Tanvetyanon T, Bepler G. Evaluation of publicly-sponsored lung cancer trials in US: Are experimental treatments better than the control ones? *J Clin Oncol* 2006;24 (18S):403s
64. Goy A, Bernstein SH, Kahl BS, **Djulgovic B**, Robertson MJ, Boral A, Fisher RI. Bortezomib in relapsed or refractory mantle cell lymphoma (MCL): Results of the PINNACLE study. *J Clin Oncol* 2006;24 (18S):425s
65. **Djulgovic B**, Soares HP, Kumar A. Citation impact of breakthrough interventions for malignant blood disorders. *Blood* 2005;106:871a
66. Soares HP, Kumar A, **Djulgovic B**. Quality of reporting of harms in the NCI sponsored phase III hematological malignancies trials. *Blood* 106:89a
67. Kumar A, Soares H, **Djulgovic B**. Are statistically non-significant findings necessarily negative? A review of all phase III randomized controlled trials conducted by NCI Cooperative Groups. *Blood* 2005;106:89a
68. Bohlius J, Wilson J, Bayliss S, **Djulgovic B**, et al. Epoetin and darbepoetin to treat cancer patients: updated meta-analysis results. *Blood* 2005;106:222a
69. Kew AK, Couban S, Thompson K, **Djulgovic B**. Relationship of harvest CD34+ and CD3+ counts to chronic graft-versus-host-disease (cGVHD) and survival following sibling allogeneic stem cell transplant. *Blood* 2005;106:517a
70. Hozo I, **Djulgovic B**. Individual-patient data meta-analysis (IPD MA) in the presence of competing risks. In: XIII Cochrane Colloquium:Melbourne, Australia; October 22-26; 2005; 2005
71. Kumar A, Soares H, **Djulgovic B**. High proportion of high quality trials conducted by the NCI are negative or inconclusive. In: XIII Cochrane Colloquium:Melbourne, Australia; October 22-26; 2005; 2005.
72. Soares H, Kumar A, Clarke M, **Djulgovic B**. How long does it takes to publish a high quality trial in oncology. In: XIII Cochrane Colloquium:Melbourne, Australia; October 22-26; 2005; 2005.

73. **Djulbegovic B**, Kumar A, Soares HP, Serdarevic F, Wells RJ, Fiorica J, Swann S, Buckener JC, Sargent D, Hozo I. A relationship between ethics of clinical trials and therapeutic advances in cancer. ASCO Annual Meeting Proceedings 2005;23:550s
74. Kumar A, Soares HP, Serdarevic F, Hozo I, Buckener J, Wells RJ, Fiorica J, Swann S, Sargent D, **Djulbegovic B**. How many new treatments are “breakthroughs”? Evaluation of innovations in cancer. ASCO Annual Meeting Proceedings 2005;23:544s
75. Soares HP, Kumar A, Serdarevic F, Fiorica J, Wells RJ, Swann S, Buckener J, Sargent D, Hozo I, **Djulbegovic B**. Equipoise principle and NCI-sponsored trials: are investigators truly uncertain about their comparisons? ASCO Annual Meeting Proceedings 2005;23:540s
76. Stem Cell Trialists Group (**Principal Investigator: Djulbegovic B**). The administration of Day 11 Methotrexate (MTX) for GVHD prophylaxis improves outcomes for patients receiving allogeneic peripheral blood stem cell transplantation (PBSC): an individual patient data meta-analysis (IPDMA) from the Stem Cell Trialists Collaborative Group. Blood 2004;104:179-180a
77. Stem Cell Trialists Group (**Principal Investigator: Djulbegovic B**). Allogeneic peripheral blood stem cell vs. bone marrow transplant for patients with chronic myeloid leukemia: an individual patient data meta-analysis. Blood 2004;104:907a
78. Soares H, Santucci R, Kumar A, Silvestris F, **Djulbegovic B**, Glasberg J, Giglio DA. Detection of cytokeratin-19 in peripheral blood of breast cancer patients: results from a systematic review/meta-analysis. Blood 2004;104:413-414b
79. Soares H, Kumar A, Silvestris F, **Djulbegovic B**. Systematic review and meta-analysis of randomized controlled trials of erythropoietin in multiple myeloma. Blood 2004;104:70a
80. Stem Cell Trialists Group (**Principal Investigator: Djulbegovic B**). Allogeneic peripheral blood stem cell transplant in the management of hematological malignancies: an individual patient data meta-analysis of 9 randomized trials. Hematology J 2004;5:s89
81. Soares H, Kumar A, Serdarevic F, Cantor A, Clarke M, Hozo I, **Djulbegovic B**. Findings of clinical research cannot be predicted in advance: an empirical study of cancer trials. 12th Cochrane Colloquium: Ottawa, 2004: October 2-6:p.95
82. Soares HP, Kumar A, Daniels S, Sargent DJ, Buckener JC, Swann S, Smith RE, Khyat A, Wells RJ, **Djulbegovic B**. Lack of publication bias in randomized clinical trials sponsored by the National Cancer Institute and performed by Cooperative Oncology Groups. Proc Am Soc Clin Oncol 2004;23:518

83. Kumar A, Soares HP, Wells RJ, Khayat A, Clarke M, Hills RK, Bleyer A, Reaman G, **Djulbegovic B**. Experimental vs. control interventions in cancer: which is better? The Children's Oncology Group Experience. *Proc Am Soc Clin Oncol* 2004;23:52
84. Soares HP, Yang X, Clark OA, Kumar A, **Djulbegovic B**. How Early Could We Have Known That Some Hematological Interventions Were Effective? *Blood* 2003;102:497a
85. Soares HP, Clark OA, Kumar A, **Djulbegovic B**. Prophylaxis of infection in multiple myeloma patients: a systematic review of randomized controlled trials. *Blood* 2003;102:383b
86. **Djulbegovic B**, Soares H, Daniels S, et al. Evaluation of new treatments in cancer: are they better than standard treatments? XI Cochrane Colloquium: Barcelona, 2003: October 26-31,p.14
87. Cosler LE, **Djulbegovic B**, Kuderer NM, Dale DC, Crawford J, Lyman GH. Colony-stimulating factor treatment of established febrile neutropenia reduces overall costs: results of an economic model based on a meta-analysis of randomized controlled trials. *Proceedings ASCO* 2003;22:526
88. Clark O, **Djulbegovic B**, Dale DC, Crawford J, Lyman G. Treatment with colony-stimulating factors improves clinical outcomes in patients with established febrile neutropenia: a meta-analysis of the randomized clinical trials. *Proceedings of ASCO* 2003;22:688
89. Soares HP, Del Giglio A, Silva RS, Clark O, Kumar A, **Djulbegovic B**. Reverse transcriptase polymerase chain reaction for minimal residual disease detection in the peripheral blood of women with breast cancer: a meta-analysis. *Proceedings ASCO* 2003;22:878
90. **Djulbegovic B**. Preservation of ethical principal of equipoise is a key to unbiased clinical design. NIH/ORI, 2nd Conference on the research integrity; Potomac, MD, Nov 16-18, 2002
91. Glassmacher A, **Djulbegovic B**, Prentice A et al. Meta-analysis of itraconazole antifungal prophylaxis reveals a dose-response effect for the prevention of invasive fungal infections, including Aspergillus, in neutropenic patients. *Blood* 2002;100:216a
92. Lyman GH, **Djulbegovic B**, Kuderer N, Dale D, Crawford J. Colony-stimulating factors (CSFs) for established febrile neutropenia (FN) revisited: an economic analysis based on a meta-analysis of randomized controlled trials (RCTs). *Blood* 2002;100:502b
93. Clark O, **Djulbegovic B**, Dale D, Crawford J, Lyman GH. Colony-stimulating factor (CSF) treatment with chemotherapy-induced febrile neutropenia (FN): a meta-analysis of the randomized clinical trials (RCTs). *Blood* 2002;100:174b
94. **Djulbegovic B**, He Y, Wheatley K, Clark O, Glassmacher A, Ross J. Early versus deferred treatment for early stage multiple myeloma. *Blood* 100:385b

95. **Djulbegovic B**, Clark O, Hozo I. Database for health outcomes and quality of randomized trials in multiple myeloma. *Proc ASCO* 2002;21:251a
96. Bottomley A, Thomas R, Van Steen K, Flechtner H, **Djulbegovic B**. A systematic review of the use of recombinant erythropoietin (r-HuEPO) and its effects on quality of life (QOL) and fatigue in cancer patients. *Proc ASCO* 2002;21:377a
97. **Djulbegovic B**, Bercu B. At what level of collective equipoise does a clinical trial become ethical for the IRB members? USF Third National Symposium- Bioethical Considerations in Human Subject Research, Clearwater, Florida, March 8-10, 2002
98. Clark O, **Djulbegovic B**. Uncertainty principle and cumulative meta-analysis. 9th International Cochrane Colloquium, Lyon, October 9-13, pp:100
99. Clark O, Castro AA, Filho J, **Djulbegovic B**. Interater agreement of Jadad's scale. 9th International Cochrane Colloquium, Lyon, October 9-13, pp:18
100. Clark L, Clark O, **Djulbegovic B**. Allogeneic Peripheral Blood Stem Cells vs. Bone Marrow Transplantation for the Therapy of Hematological Malignancies: A Meta-Analysis of Randomized Controlled Trials. *Blood* 2001;98:414a
101. Blaine G, Saba HI, Loughran TP, Balducci L, Chervenick PA, **Djulbegovic B** et al. A phase I/II study of induction chemotherapy with daunorubicin, cytarabine, topotecan, and etoposide (DATE) for de novo, relapsed or refractory AML, or AML arising from a previous phase phase of MDS in treatment of patients ages 16-75. *Blood* 2001;98:209b
102. Cruse H, Winiarek M, Marshburn B, **Djulbegovic B**. The relationship between quality and methodology for practice guidelines development. *Proc ASCO* 2001;20:244a
103. Sullivan D, Partyka J, Dalton W, **Djulbegovic B**, Fields K, Field T, et al. A phase I/II study of high-dose melphalan + topotecan + VP-16 phosphate (MTV) followed by autologous stem cell rescue in multiple myeloma. *Proc ASCO* 2001;20:14a
104. Greenwich M, **Djulbegovic B**, Hozo I, Hozo S. Hypothesis testing with the benefit/risk model. American Mathematical Society, New Orleans, January 10-13, 2001
105. **Djulbegovic B**, Lacevic M, Macy T, Adams J, Lyman GH. What is the probability that results of meta-analyses will favor innovative treatments? VIII Cochrane Colloquium: Evidence for Action, Cape Town, South Africa, 2000, October 25-29
106. Adams JR, Lyman GH, **Djulbegovic B**, Bennett CL. A radical change in CSF recommendations supporting decrease of CSF use in secondary prophylaxis of non-curable cancers: will physicians respond? *Blood* 2000; 96:439a
107. Goldstein SC, Perkins J, Janssen W, Field T, Partyka J, Loghran T, **Djulbegovic B**, Sullivan S, Reimer D, Fields K. A prospective, comparative trial of allogeneic versus autologous stem cell transplantation for high risk lymphoma: interim analysis. *Blood* 2000; 96:204a

108. **Djulbegovic B**, Seidengeld J, Lacevic M, Bonnell C. “Mini-transplants” in hematologic malignancies: a synthesis of available evidence. *Blood* 2000; 96:353b
109. **Djulbegovic B**, Wheatley K, Lacevic M, Bos G, Ross J, Goldschmidt H, Glasmacher A. The role of bisphosphonates in multiple myeloma: meta-analysis of published randomized trials. *Blood* 2000; 96:286b
110. **Djulbegovic B**, Hozo I, Greenwich M, Hozo S. To transplant or not: benefit-risk analysis. *Blood* 2000; 96:436a
111. Lyman GH, Kuderer NM, **Djulbegovic B**. Meta-analysis of granulocyte colony-stimulating factor (rH-G-CSF) to prevent febrile neutropenia (FN) in patients receiving cancer chemotherapy. *Proc ASCO* 2000; 19:55a
112. Gamel J, **Djulbegovic B**, Fields KK, Perkins J. High dose chemotherapy may cure high-risk and metastatic breast cancer. *Proc ASCO* 2000; 19:136a
113. **Djulbegovic B**, Lacevic M, Lyman GH. Appraisal of randomized controlled trials in myeloma published from 1966-1998. *Proc ASCO* 2000; 19:444a
114. Sullivan D, Partyka J, Fields K, Goldstein S, Field T, **Djulbegovic B**, Perkins J, Janssen W, Maddox B, Hernandez A, Lush R, Keller K. A phase I Study of High-Dose Topotecan, Ifosafamide/Mesna and Etoposide (TIME) followed by Autologous Stem Cell Rescue in Refractory Malignancies. 29th Annual Scientific Meeting of the International Society for Experimental Hematology, July 8-11, 2000, Tampa, Florida
115. Sullivan D, Dalton W, **Djulbegovic B**, Fields K, Field T, Goldstein S, Partyka J, Perkins J, Janssen W, Lush R, Gump J, Valkov N, McIsaac C. A Phase I Study of High-Dose Melphalan + Topotecan + VP-16 Phosphate (MTV) Followed by Autologous Stem Cell Rescue in Multiple Myeloma. 29th Annual Scientific Meeting of the International Society for experimental Hematology, July 8-11, 2000, Tampa, Florida
116. Lyman GH, Kuderer NM, **Djulbegovic B**. Meta-analysis of granulocyte colony-stimulating factor (rH-G-CSF) to prevent febrile neutropenia (FN) in patients receiving cancer chemotherapy. *Proc ASCO* 2000; 19:55a
117. **Djulbegovic B**, Lacevic M, Lyman GH. Appraisal of randomized controlled trials in myeloma published from 1966-1998. *Proc ASCO* 2000; 19:444a
118. **Djulbegovic B**, Fields KK, Lyman GH. Meta-analysis of polymerase chain reaction for bcr-abl gene rearrangement for diagnosis of relapse in chronic myelogenous leukemia. *Blood* 1999; 94:272b

119. **Djulbegovic B**, Bennett C, Lyman GH. Violation of the Uncertainty Principle in Conduct of Randomized Controlled Trials (RCTs) of Erythropoietin (EPO). *Blood* 1999; 94:399a
120. **Djulbegovic B**, Lacey M, Lyman GH. Empirical verification of the uncertainty principle in the conduct of randomized trials. VII Cochrane Colloquium: The Best Evidence for Health Care, Rome 1999, October 5-9
121. Sullivan DM, Partyka JS, Fields KK, Goldstein SC, Field TL, **Djulbegovic B**, Perkins JB, McIsaac CE, Lush RM, Dalton WS. A Phase I study of intensive-dose melphalan, topotecan and VP-16 phosphate (MTV) followed by autologous stem cell rescue in patients with multiple myeloma. *Molecular Targets and Cancer Therapeutics*, Washington, DC., (Abstract submitted, 1999)
122. Cohen YC, **Djulbegovic B**, Shama-Lubovitz O, Mozes B. The natural history of severe idiopathic thrombocytopenic purpura. *Blood* 1998; 92:177a
123. Schwartz A, **Djulbegovic B**, Hozo I. Treatment thresholds and post-decision regret. *Med Decision Making* 1998;18:468
124. **Djulbegovic B** and Hozo I. Linking Evidence-based Medicine to Clinical Decision Analysis. *Med Decision Making* 1998;18:464
125. **Djulbegovic B**, Hozo I, Najman A. The value of hematocrit in the diagnosis of P. Vera. *Br J Haematol* 1998;102:312
126. Tecimer C, Bhupalam L, **Djulbegovic B**. Is standard heparin superior to low molecular weight heparin in malignancy related deep vein thrombosis? *Blood* 1997;90:124b
127. **Djulbegovic B**, Hozo I, Hirsh J. Thrombophilia: benefit/risk analysis. *Blood* 1997; 90:114b
128. **Djulbegovic B**, Hozo I, McMasters K. Regret in Medical Decision Making. *Med Decision Making* 1997;44:541
129. **Djulbegovic B**, Kloecker G, Goldsmith GH. A status of the quality of medical evidence in hematology/oncology. *Proceedings ASCO* 1997;16:416a
130. **Djulbegovic B**, Hozo I and Goldsmith G. Information content of the Polycythemia Vera Study Group (PVSG) diagnostic criteria. *Blood* 1996;88:204b

131. **Djulbegovic B**, Goldsmith G, Herzig R. Benefit-risk analysis of the treatment of veno-occlusive disease (VOD) with recombinant plasminogen activator (r-tPA). *Br J Haematol* 1996;93 (suppl 2):251
132. Ouseph R, Joseph G, Barker R, **Djulbegovic B** and Goldsmith G. Factor V Leiden and recurrent arteriovenous shunt thrombosis in hemodialysis patients. *Blood* 1995;86:921a
133. **Djulbegovic B** and Goldsmith G. Bayesian Validation of Polycythemia Vera Study Group Criteria for Diagnosis of Polycythemia Rubra Vera. *Blood* 1995;86:793a
134. **Djulbegovic B**. Cost-effectiveness Analysis of Purified Factor IX versus Prothrombin Complex Concentrate (Factor IX complex) in Treatment of Hemophilia B Patients Undergoing Knee Surgery. *Thrombosis and Haemostasis* 1995;73:1036
135. **Djulbegovic B**, Hannan M, Bergman GE. Is prophylactic anticoagulant therapy necessary for hemophilia patients undergoing orthopedic surgical procedures? *Blood* 1994;84:200a
136. **Djulbegovic B**, Marasa M, Hannan M. Safety and efficacy of concomitant use of antifibrinolytics with monoclonal antibody purified factor IX concentrate. XXI International Congress of the World Federation of Hemophilia, Mexico City, April 24-29, 1994
137. Joseph G, Smith KJ, Hadley T, **Djulbegovic B**, Troup GM, Barker R. HLA DR53 protects against TTP-hemolytic uremic syndrome (TTP/HUS) *Blood* 1993;82:583a
138. **Djulbegovic B** and Kim HC. Compassionate treatment with a monoclonal antibody-purified Factor IX concentrate in hemophilia B surgical patients who have experienced thrombotic complications with prothrombin complex concentrate. *Blood* 1993; 82:154a
139. Blumenreich MS, Kelliham MJ, Miller CI, Woodcock TM, Hamm JT, Joseph UG, Seeger J, **Djulbegovic B**, Goldsmith GH, Herzig RH. Continuous intravenous infusion of inteferon in patients with advanced malignancies: a phase I trial. *Proc Am Soc Clin Oncol* 1993; 12: 295
140. **Djulbegovic B**, Huang A, Birkimer J, Hadley T, et al. HIV disease does not further reduce quality of life in patients with hemophilia provided that they are employed. *Blood* 1992;80:513a
141. Huang A, **Djulbegovic B**, Vaughn D. A comparison of two different instruments for the measurements of the quality of life in homosexuals men with HIV infection. VIII International Conference on AIDS/III STD World Congress, Amsterdam, July 19-24, 1992

142. Herzig R, Davis N, Blumenreich M, **Djulbegovic B**, Hadley T et al. Dose intensive etoposide (VP) and cyclophosphamide (CY) without marrow support for advanced breast cancer. *Proc Soc Clin Oncol* 1991;10:58
143. **Djulbegovic B**, Blumenreich M, Joseph G, Hadley T. Melphalan-prednisone vs. combined chemotherapy in multiple myeloma: a meta-analysis. *Blood* 1991;78:114a
144. Joseph G, **Djulbegovic B**, Blumenreich M, Herzig R. Effect of continuous infusion hydroxyurea on hemoglobin F level in cancer patients. *Blood* 1990;76:64a
145. **Djulbegovic B** and Hadley T. Cost-effectiveness of the prophylactic treatment with anticoagulant agents vs. observation alone in asymptomatic patients with antithrombin-III deficiency. *Blood* 1990;76:504a
146. **Djulbegovic B**, Hendler F, Hamm J, Woodcock TM, Hadley T. Decision analysis of the management of the residual mediastinal mass in Hodgkin's disease. *J Cancer Res Clin Oncol* 1990;(15th International Cancer Congress, Hamburg, August 16-22,1990)
147. Pasic R, **Djulbegovic B**, Sewell C, Wittliff JL. Comparison of levels of estrogen (ER) and progesterone (PR) in human breast cancer as determined by radioligand binding (RLB), enzyme immunoassay (EIA) and immunocytochemical analysis (ICA). Second European Congress of Endocrinology, Ljubljana, July, 1990
148. Hendler F, **Djulbegovic B**, Hamm J, Woodcock TM, Hadley T. Using decision analysis in patients with residual mediastinal mass after treatment of Hodgkin's disease. *Proc Am Soc Clin Oncol* 1990;9:264
149. **Djulbegovic B**, Hollenberg J, Woodcock TM, Herzig R. Decision analysis of the comparison of CHOP with MACOP-B in the treatment of diffuse large-cell lymphoma. *Proc Am Soc Clin Oncol* 1990;9:262
150. Pasic R, **Djulbegovic B**, Sewell C, Wittliff JL. Comparison of sex steroid receptor levels in human breast cancer determined by radioligand binding (RLB), enzyme immunoassay (EIA) and immunocytochemical analysis (ICA). 16-th Clinical Ligand Assay Society Annual Meeting, Pittsburgh, May 2-5, 1990
151. **Djulbegovic B**, Denic S, Rizdanovic Z. When to do bone marrow transplantation in chronic myelogenous leukemia? A decision theory approach. *Blood* 1988;72:385a
152. Sadrina JM, **Djulbegovic B**, Wittliff JL. Prolactin receptors in hormonally-responsive organs. XIV Annual Student Research Day, University of Louisville, Louisville, October 18, 1988

153. **Djulbegovic B**, Denic S, Ridzanovic Z, Beganovic S. Determination of optimal timing of bone marrow transplantation in chronic granulocytic leukemia. *Bilt Hemat Transf* 1988;16:4.5
154. **Djulbegovic B**, Fekete T, Kadar T, Ben-David M, Schally AV, Wittliff JL. Influence of sex hormone receptor on prolactin receptors in human breast carcinomas. IV International Congress of Cell Biology, Montreal, August 14-19, 1988
155. Christams SE, **Djulbegovic B**, Moore M. Production of endogenous differentiation-inducing factor by differentiated HL-60 promyelocytic leukaemia cells. V NCI EORTC Symposium on New Drugs in Cancer Chemotherapy, Amsterdam, October 22-24, 1986
156. Obradov S, Huterer N, Nikolic J, **Djulbegovic B**, Selak I, Markovic Z. Leukemia in Burkitt's lymphoma. *Bilt Hematol Transf* 1986;14:69
157. **Djulbegovic B**, Christams SE, Moore M, Obradov S. The control of acute leukaemia development with a vitamin D. *Bilt Hematol Transf* 1986;14:168
158. **Djulbegovic B**, Christams SE, Moore M. Reversal of leukaemic status by the activation of suppressed differentiation factor(s). *Br J Cancer* 1986;54:167-168
159. **Djulbegovic B**, Obradov S, Mesanovic N et al. The first order kinetics: therapeutic monitoring in hemato-oncology. *Bilt Hematol Transf* 1984;12:101
160. **Djulbegovic B**, Obradov S, Robovic Z et al. Alteration of serum lipid metabolism in malignant lymphomas. VI Yugoslav Cancer Congress, Skopje, October 4-7, 1983
161. Scepanovic D, **Djulbegovic B**. Alteration of serum lipid metabolism in Buerger disease. XIII World Congress of Angiology, Rochester, USA, September 11-16, 1983
162. Kusec Lj, Jergovic D, **Djulbegovic B** et al. Evolution and therapy of plasmacytoma. *Bilt Hematol Transf* 1982;10:196
163. **Djulbegovic B**, Svetina S. Mathematical model of acute myeloblastic leukaemia. *Bilt Hematol Transf* 1982;10:116

BOOKS, CHAPTERS and EDITORIALS

Djulbegovic B. Reasoning and Decision making in Hematology. Churchill Livingstone, Inc. New York:1992

(listed as one of the best books in 1993 according to J Natl Cancer Inst 1994; 86:235-236; the book is also translated in Italian as “Il Processo Decisionale in Ematologia,” Centro Scientifico Editore, Torino:1994)

Djulgovic B, Sullivan D, eds. Decision Making in Oncology. Evidence-based management. Churchill-Livingstone:New York :1997 (“this is one of the first and best attempts to apply an evidence-based approach to the practice of medical oncology. I cannot imagine owning a better or more useful book, a bargain in its paperback form”) (J Natl Cancer Inst 1998;90(8):627)

Editorials:

Kumar A, **Djulgovic B.** Costs of treating elderly patients with cancer: what are we measuring in the absence of reliable evidence? *Oncology* 2007;21:858-860

Djulgovic B, Bickerdike L. High-quality evidence in oncology from 1 December to 22 December 2005: a summary. *Cancer Treat Rev* 2006;**32**(5):402-5

Djulgovic B, Bickerdike L. High-quality evidence in oncology from 3 November to 24 November, 2005: a summary. *Cancer Treat Rev* 2006;**32**(3):239-41.

Djulgovic B, Bickerdike L. High-quality evidence in oncology from 25 August to 27 October 2005: A summary. *Cancer Treat Rev* 2006;**32**(2):149-55.

Djulgovic B, Bickerdike L. High-quality evidence in oncology from 16 June to 18 August 2005: a summary. *Cancer Treat Rev* 2006;**32**(1):59-64.

Djulgovic B, Bickerdike L. High-quality evidence in oncology from 1 December to 22 December 2005: a summary. *Cancer Treat Rev.* 2006 Aug;**32**(5):402-5

Djulgovic B, Bickerdike L. High-quality evidence in oncology from 22nd June to 26th August 2004: a summary. *Cancer Treat Rev.* 2005 Feb;**31**(1):63-7.

Djulgovic B, Vincent S. High-quality evidence in oncology from 18th May to 15th June 2004: a summary. *Cancer Treat Rev*. 2004 Dec;30(8):721-3 .

Djulgovic B, Vincent S. High-quality evidence in oncology from 20th April to 11th May 2004: a summary. *Cancer Treat Rev*. 2004 Nov;30(7):665-7 .

Chapters:

Djulgovic B, Hozo I, Greenland S. Uncertainty in clinical Medicine. In: Gifford F, ed. *Encyclopedia of Medical Philosophy*; In: Dov M. Gabbay and John Woods, editors, *Handbook of The Philosophy of Science: Philosophy of Medicine*. San Diego: North Holland, 2011, pp. 299-356.

Kumar A, **Djulgovic B**. Hairy Cell Leukaemia: BMJ Point-of-Care 2010; www.pointofcare.bmj.com.

Kumar A, **Djulgovic B**. Multiple Myeloma. Clinical Evidence, BMJ Publishing Group:London, 2006

Djulgovic B. Principles of Research Synthesis. In: Perry MC ed., ASCO Educational Book, Alexandria,VA: American Society of Clinical Oncology; 2003:737-750

Fields KK, **Djulgovic B**. Stem-cell transplant in elderly. In: Balducci L, Lyman GH, Ershler WB, eds. *Comprehensive Geriatric Oncology*, 3ed ed, Harwood Academic Publishers, London, 2002 (in press)

Djulgovic B. Principles of reasoning and decision making in oncology. pp 1-14

Cervera A and **Djulgovic B**. Acute myelogenous leukemia. pp 29-36

Djulgovic B. Chronic myelogenous leukemia. pp 37-44

Djulbegovic B. Chronic lymphocytic leukemia. pp 45-52

Yam LT and **Djulbegovic B.** Hodgkin's Disease. pp 57-68

Djulbegovic B. NonHodgkin's Lymphoma. pp 69-90

Djulbegovic B. T-cell lymphoma. pp 91-102

Beganovic B and **Djulbegovic B.** Plasma cell disorders. pp 103-114

Mangino P, Taft B and **Djulbegovic B.** Treatment Protocols in Oncology. pp 453-532

In: **Djulbegovic B, Sullivan D, eds. Decision Making in Oncology. Evidence-based management.** Churchill-Livingstone:New York :1997

REVIEWS, LECTURES and INVITED LECTURES

Reviews

Reviewer for New England Journal of Medicine (NEJM), Journal of the American Medical Association (JAMA) (USA), American Journal of Medicine, Medicare (USA) British Journal of Cancer (UK), Medical Archives (BH), Medical Decision Making (USA), American Family Physician (USA), Cancer (USA), J Clin Epidem, Biomed Central, J Clin Oncol (USA), Acta Biotheoretica, Can Med J, BMJ, European Journal of Cancer, JGIM, Lancet, Lancet Oncology, BMT, Annals Epidem etc

Book reviews for Med Archives, Adolesc Pediatr Gynecol (USA), Cancer Control, Medical Decision-Making (USA)

Contributor to test questions for American Board in Internal Medicine (Hematology)

Djulgovic B. Evidence-Based Medicine: In Its Place. *Med Decis Making*. Feb 12 2008

Courses/Lectures for Students/Residents/Fellows

2005-:	Faculty (lecturer and small group facilitator), USF Evidence-based Medicine; EBM Med II Course (BMS 833) (BMS 6832)
2009, June	“Symposium on Evidence-based medicine”, Barcelona, Spain
2005, July 6-9	“How to practice Evidence-based Oncology”, European School of Oncology, Bonn, Germany, Course Developer and Chair
2004, July 22-24	“How to practice Evidence-based Oncology”, European School of Oncology, Antwerp, Belgium, Course Developer and Chair
2003, May 31-June 3, 2003:	Chair, Educational Session: "Understanding Research Synthesis: Guide to Systematic Reviews/Meta-Analyses" ASCO 39 th Annual Meeting (expected audience between 1,000 and 8,200 attendees)
May 18, 2002:	Faculty (lecturer) at the ASCO Fellows Educational Session on Evidence-based Medicine
January-April, 2002:	Course in Clinical Problem Solving/Evidence-based Medicine (BMS 6832) for second year medical students, University of South Florida
August 4-9,2002	invited speaker and core faculty at the "Masterclass in Oncology", European School of Oncology, Montecatini Terme, Italy (teaching in evidence-based medicine)
October 2001:	Evidence Based Management for Breast Cancer, Sarajevo 2001
November 2000:	Workshop in Evidence-based Medicine within Symposium on “Ensuring Quality Cancer Center,” sponsored by Rober H. Lurie Comprehensive Cancer Center of Northwestern University, Chicago, IL

- June 2000: “How to practice and teach evidence-based medicine,” an interactive, multimedia workshop; Sarajevo (sponsored by Federal Ministry of Health of Bosnia and Herzegovina and World Bank)
- November 1999: Evidence-based Practice of Oncology, 3rd Annual Symposium, St. Petersburg, FL
- March 1998: “Evidence vs. consensus-based guidelines in oncology”. Second Annual Symposium on Evidence-based Practice of Oncology, Louisville, KY
- February 1997: “Practice variations, clinical practice guidelines and the status of the quality of medical evidence in oncology”, Symposium on Evidence-based Practice of Oncology, Louisville, KY
- 1996-1998: “Plasma cell dyscrasias, Hodgkin’s Disease and NonHodgkin’s Lymphoma”
- 1995-1996: “Anemia,” Basic Medicine Lecture Series, Medical School, University of Louisville
- 1993-1998: "Hematologic Emergencies," Emergency Medicine Lecture Series for House Staff, Department of Medicine, Medical School, University of Louisville
- 1991-1993: "Hemostasis-basic science principles and clinical applications" Pathophysiology Lecture Series, Medical School, University of Louisville
- 1991-1993: "Reasoning and decision making in medicine" ,Basic Medicine Lecture Series, Medical School, University of Louisville
- April-May 1988: "DECISION MAKING IN HEMATOLOGY" -graduate course for students and residents, Medical School, University of Louisville

Invited Lectures

- March 12, 2012 Decision-making in clinical medicine
 (“Responding to evidence: guts vs. brains; or both?”)
 UK National Prescribing Centre & National Institute for Health and Clinical Excellence “Evidence into Practice. Integrating Evidence-informed Decision Making into Clinical Practice”,

London, England

February 14, 2011	“Principles of Evidence-based Medicine”, Surgery Grand Rounds, USF
October 29, 2010	“Don’t Throw Out the Baby With the Bathwater: The Concept of Equipoise is Still Important”. The Thomas A. Pitts Lecture in Medical Ethics, Medical University of South Carolina
June 5, 2010	“Clinical Trials and Decision-Making”, Commentary on selected abstracts in Health Service Research Category at 46 th ASCO Annual Meeting, Chicago, June 4-June 10, 2010
May 7, 2010,	“Rational decision-making in clinical medicine”, Grand Rounds, Northwestern University, Chicago
2009, November 9,	“Evidence, benefit/risk analysis and rational decision-making”, FDA, Washington, DC
2008, November 10	Grand Rounds, Emory University “Clinical practice guideline: new methodological developments”
2008, September 25,	GRIPS Ground Rounds, H. Lee Moffitt Cancer Center & Research Institute: “Observational studies vs. randomized controlled trials”
2008, March 19	Grand Rounds, the National Cancer Institute, Washington, DC “Treatment success in cancer. How often new therapies are superior to standard treatments? Review of phase III trials conducted by the NCI Co-operative groups from 1955-2006”
2007, June 4	Invited Commentary, Annual ASCO meeting, Chicago, May 31-June 5, Health Service Research Session
2007, Feb 27,	Guest Lecturer, University of Tampa, Department of Mathematics “Essential of decision-making. Expected and non-expected utility theory approach”
2007, Feb 3,	RTOG Annual Meeting, Scientific Plenary Session, Tampa, FL “The evaluation of treatments in radiation oncology: are they better than standard treatments?”
2006, Nov 6	Plenary lecture, German Society for Hematology and Oncology (DGHO, Deutsche Gesellschaft für Hamatologie und Onkologie),

- Leipzig, November 4-8, "Linking evidence with decision-making and coverage in oncology"
- 2006, May 21-24 Plenary lecture, Society for Clinical Trials 27th Annual Meeting, Orlando, "When should clinical research findings be accepted? Risk-benefit and acceptable regret approach"
- 2005, Nov 14-15 NIH/Clinical Research Policy Analysis and Coordination: invited speaker on "Considering Usual Medical Care in Clinical Trial Design: Scientific and Ethical Issues", Bethesda
- 2005, June 16-17 "Ethics, Scientific Reasoning and Outcomes of Clinical Trials", Heads of Medicine Agencies (Human), Training of Assessors in the EU: "The evaluation of the clinical part of the dossier: focus on trial methodology and conduct", Rome, Italy
- 2005, February 4, "Integrating Evidenced-based Medicine in the Health Information Infrastructure" presentation given at the The Governor's Health Information Infrastructure Advisory Board of the State of Florida held at H. Lee Moffitt Cancer Center & Research Institute
- 2004, July 22-24 "How to practice Evidence-based Oncology", European School of Oncology, Antwerp, Belgium, Chair
- November 27, 2003 "Evidence-based oncology: myths and reality", and "Evidence in medicine and the nature of scientific inquiry", XVI Brazilian Congress of Cancer (XVI Congresso Brasileiro de Cancerlogia), Sao Paulo, November 26-30, 2003
- October 31, 2003 "Evidence, decision-making, the nature of scientific inquiry: the role of systematic reviews", XI Cochrane Colloquium, Barcelona
- March 20-21, 2002: "Bisphosphonates in myeloma: a systematic review" and "Systematic reviews- Cochrane Haematological Malignancies Group", Third Main Meeting of the Myeloma Trialists' Collaborative Group, St Anne's College, Oxford, UK
- February 22 and 23, 2002: "Multiple Myeloma: Evidence-based management" "Nonmyeloablative Allogeneic Stem-cell Transplant: Introduction of New Technologies in Practice"

I International Symposium of Evidence Based Oncology and VIII Workshop of Continuing Medical Educations Unimed/Cochrane Collaboration, Sao Paolo, Brazil

- November 14, 2001: "Nonmyeloablative Allogeneic Stem-cell Transplant: Introduction of New Technologies in Practice"
Universidad de Puerto Rico, Recinto de Ciencias Medicas, Grand Rounds
- June 18, 2001: "The principles of evidence-based oncology," Second Italian Exchange Conference: Cancer in Elderly, H. Lee Moffitt Cancer Center & Research Institute, Tampa, FL
- March 22, 2001: "The uncertainty principle in controlled clinical trials," Grand Rounds, Health Outcome Center, Northwestern University, Chicago, IL
- March 14, 2001: "The uncertainty principle in controlled clinical trials," EORTC, Brussels, Belgium
- November 4, 2000: "From Bench to Bedside: Pitfalls for Clinical Scientists," at conference on "Regulatory, Legal and Ethical Issues Related to Human Subject Research," University of South Florida, Clearwater, FL
- June 21, 2000: "Consensus and evidence-based approach to prevention and management of breast cancer," Academy of Bosnia and Herzegovina, Sarajevo
- January 28, 2000: "The uncertainty principle in the conduct of randomized trials," H. Lee Moffitt Cancer Center and Research Institute, University of South Florida, Tampa, FL
- January 14, 2000: "Management of ITP," Grand Rounds, Sarasota Memorial Hospital, Sarasota, FL
- September 23, 1999: "Evidence and medical decision making," Visiting Professorship Health Science Center, Texas Tech University, El Paso, TX
- May 27, 1999: "Promises and challenges of Evidence-based Medicine," Grand Rounds, Department of Medicine, University of South Florida, Tampa, FL

- May 26, 1999: "Role of evidence in medical decision-making," Grand Rounds, University of Nebraska Medical Center, Omaha, NE
- April 9, 1999: "Why Evidence-based oncology. Promises and challenges," H. Lee Moffitt Cancer Center & Research Institute, University of South Florida, Tampa, FL
- March 12, 1999: "Promises and challenges of evidence-based medicine," Hematology Conference, James Graham Brown Cancer Center, University of Louisville, Louisville, KY
- March 12, 1999: "Thrombocytopenia: workup and management strategy", Twenty-first Primary care Review and ACLS for Family Practitioners and Internists, University of Louisville, Louisville, KY
- July 2, 1998: "Understanding benefits, harms and the quality of medical evidence in medical decision making," Grand Rounds, Department of Internal Medicine, Regional (Cantonal) Teaching Hospital, Baden, Switzerland
- June 16, 1998: "High-dose chemotherapy in the management of breast cancer." Symposium on chemotherapy in the treatment of breast cancer and hematologic malignancies. University Medical Center, Sarajevo
- March 4, 1998: "Evidence-based guidelines in oncology: how feasible are they?" Third Annual National Comprehensive Cancer Network Conference on Practice Guidelines and Outcomes Data in Oncology," Ft. Lauderdale, March 1-4, 1998
- January 22, 1998: "Integration of treatment benefits/risks and the quality of medical evidence in clinical decision making," Moffitt Cancer Center, University of South Florida, Tampa, FL
- October 24, 1997: "Anemia: Is It Thalassemia?" ,Grand Round, Department of Family Practice, University of Louisville
- June 10, 1997: "Clinical Practice Guidelines for Squamous Cell Carcinoma of the Oral Cavity, Stage I and II" (Application of the principles of evidence-based medicine in construction of practice guidelines), James Graham Brown Cancer Center, Tumor Board
- February 26, 1997: "Evidence-based management of Hodgkin's Disease," Symposium on Evidence-based Practice of Oncology, Louisville, KY

- February 26, 1997: “Practice variations, clinical practice guidelines and the status of the quality of medical evidence in oncology,” Symposium on Evidence-based Practice of Oncology, Louisville, KY
- January 16, 1997: “Contrasting evidence vs. consensus-based approach treatment: a case of ITP,” Ground Rounds, Department of Medicine, University of Louisville
- December 17, 1996: “Immune thrombocytopenic purpura: evidence vs. consensus based management,” St Louis Society of clinical oncology, St. Louis, MO
- October 24, 1996: “Status of the Quality of Medical Evidence in Oncology,” University of Zagreb, School of Medicine, Grand Round at Klinika “Vuk Vrhovac,” Zagreb, Croatia
- October 14-23, 1996: **Seminar on evidence-based practice in hematology and oncology**, Sarajevo, Bosnia and Herzegovina:
- 1) Using principles of the evidence-based medicine to develop strategy for optimal diagnostic and treatment management in hematology and oncology
 - 2) Evidence-based management of breast-cancer
 - 3) Evidence-based recommendations for the adjuvant treatment of colon cancer and melanoma
 - 4) Evidence-based management of Hodgkin’s Disease
 - 5) Evidence-based management of NonHodgkin’s Lymphoma
 - 6) Evidence-based management of Multiple Myeloma and Waldenstrom’s disease
 - 7) Evidence-based management of Chronic Lymphocytic Leukemia
 - 8) Rationale diagnosis of myeloproliferative diseases
 - 9) Evidence-based management of Chronic Myelogenous Leukemia
 - 10) Evidence-based management of P. Vera and Essential Thrombocythemia
 - 11) Rational diagnostic approach to anemia
 - 12) Rational diagnostic approach to bleeding disorders
 - 13) Evidence-based management of immune thrombocytopenic purpura (ITP)
 - 14) Current management of hemophilia A and B
 - 15) Current management of acquired inhibitors against factor VIII

- April 8, 1996: "Managing the hemophiliac patient undergoing a total joint arthroplasty," Derby City Chapter of the National Association of Orthopedic Nurses Grand Round
- June 21, 1995: "Bayesian critique of criteria for the diagnosis of Polycythemia Vera," Brown Cancer Tumor Conference, University of Louisville
- April 27, 1995: "Management of Hemophilia B," Grand Round at the Department of Medicine, University of Louisville
- October 27, 1994: "Concomitant Treatment of Factor IX Concentrates with Antifibrinolytics in Hemophilia B," Symposium on Hemophilia B: Treatment Issues and Options," Bühl, Germany
- August 16, 1994: "How to determine an acceptable level of diagnostic uncertainty?" VAMC Tumor Conference
- July 15, 1994: "Clinical Problem Solving Approach to Diagnosing Megaloblastic Anemia," Grand Round, Department of Family Practice, University of Louisville
- June 9, 1994: "What is an acceptable level of diagnostic uncertainty?" University Hospital Nijmegen, Nijmegen, The Netherlands
- April 25, 1994: "Dental extraction in hemophilia B: adjuvant therapy with antifibrinolytic agents," Symposium on Management of Hemophilia B, XXI International Congress of The World Federation of Hemophilia, Mexico City, Mexico
- January 13, 1994: "Diagnostic uncertainty is a function of therapeutic benefit/risk ratio," Grand Round, Department of Medicine, University of Louisville
- October 23, 1992: "Myeloproliferative disorders: diagnosis, prognosis and treatment" Grand Round, Department of Family Practice, University of Louisville
- November 1991: "Application of different reasoning strategies to diagnosis of anemia or case of the women with anemia," Grand Round, Department of Family Practice, University of Louisville
- February 28, 1991: "Diagnosis and management of complex anemia". Grand Round, Department of Family Practice, University of Louisville

- March 10, 1990: Sarajevo, Yugoslavia: lecturer at Workshop "RECEPTORS, ONCOGENES AND CANCER" organized by University of Louisville, USA and University of Sarajevo
- January 1990: "Megaloblastic anemia & diagnostic tests in hematology. Information content. Test validity. Algorithmic approach to diagnosis of anemia"; Grand Round, Department of Family Practice, University of Louisville
- November 1987: "Studies on the Differentiation in Acute Leukemia"; Dpt. of Biophysics, School of Medicine, Ljubljana, Slovenia
- December 1982: "Computer diagnosis of acute myocardial infarction," SYMPOSIA ON MATHEMATICAL MODELING IN BIOMEDICINE, Sarajevo
- December 1982: "Mathematical modeling of acute myeloblastic leukemia," SYMPOSIA ON MATHEMATICAL MODELING IN BIOMEDICINE, Sarajevo

RESEARCH FUNDING

(only the projects where serving as a PI or co-PI are listed)

“When are Clinical Trials Ethical for Both Future and Study Patients?”, PI

Bankhead-Coley Cancer Research Program, Florida Biomedical Research Program, January 2010-January 2012, \$ 595,410

Purpose : to identify those situations where the line between research and practice is less” blurred”, which in turn will help with design, enrollment and funding decisions of clinical trials.

“Proposal for Development of EBM-CDSS (Evidence-Based Clinical Decision Support System) to Aid Prognostication in Terminally Ill Patients)”, PI

USAMRMC NO: W81XWH-09-2-0175, 09/25/2009-10/24/2014, \$4,295,000

Purpose: to develop computer decision-support system for better prognostication in life expectancy and improvement in decision-making in terminally ill patients.

“Treatment Success and Ethical Principle of Equipoise” , PI, NIH/NCI , 1R01CA140408-01, PI, (\$631,183), PI; June 2009-May 2011

Purpose: the purpose of this grant is to assess if the efficiency and patterns of clinical therapeutic discoveries reflect the ethical principle of equipoise”

Sep 2008-Sep 2013, **“Myeloma Health Outcome Database”**. \$ 99,000/yr; Millennium Pharmaceuticals

Purpose: To update and create a new web-based searchable health outcome database of randomized trials in multiple myeloma.

Sep 2007-Sep 2010, **Quality of Research on Treatment Harms in Cancer**”, \$175,000/yr (direct costs), PI, NIH/NCI 1R01CA133594-01

Purpose: The purpose of this proposal is to perform in-depth critical appraisal treatment-related toxicities in randomized trials sponsored by the NIH/NCI.

“Oncology Clinical Trial Accrual Study” (role: co-investigator; PI: Anneke Schroen, University of Virginia) (the SubAward Number for the “Oncology Clinical Trial Accrual Study” is GC11599-129112. The parent grant number is: 1 R01 CA118232-

01A2)

Purpose: of this grant is to assess accrual of patients in randomized controlled studies conducted by the NCI Co-operative groups

2005-2008: **“Evaluation of the quality of clinical trials”**,
\$175,000 (direct costs), 1 R01 NS052956-01, NIH/ORI

Purpose: to assess the quality of design, conduct and analysis of cancer randomized trials

Development of a Systematic Review & Evidence Profiles on the Management of Primary Systemic Amyloidosis (AL),
Johnson & Johnson (PO 610025863), 1/10/06-6/30/07, Total
Direct Costs: \$ 70,000, Principal Investigator.

“PET scanning in oncology: a systematic review”, American Society of Clinical Oncology, \$ 30,000 (direct costs); 2004-2005, principal investigator (PI)

Purpose: to synthesize available evidence on the role of PET scanning in cancer, and facilitate guidelines development for practicing oncologists, American Society of Clinical Oncology

“Treatment Efficacy and tolerance in geriatric oncology”,
National Cancer Institute Grant P20 CA 103676, \$ 47,260
principal investigator (PI), November 2004-2005

Purpose: to systematically evaluate representation of elderly patients in the NCI sponsored clinical trials, treatment-related mortality and morbidity in these patients, the quality of these trials and publication bias in this cohort of the trials

" Systematic review / meta-analysis of randomized trials of erythropoietin in the treatment of anemia in multiple myeloma", \$ 18, 975 (Ortho, November 2003-2004), PI

Purpose: to perform meta-analysis to assess the role of erythropoietin on anemia in multiple myeloma

"Equipoise and the research integrity of clinical trials",
\$200,000 (direct costs), 1 R01 NS044417-01, NIH/ORI;
2002-2005; PI

Purpose: This proposal focuses on the understanding of equipoise, which is the fundamental principle on which nearly the entire system

of human experimentation stands and its relation to the results of clinical trials.

"Blood vs. bone marrow stem transplant", \$ 200,000 (direct costs), 1R01HL71650-01; NIH/NHLBI, 2002-2005; PI

Purpose: to perform individual-patient data meta-analysis to assess the role of allogeneic peripheral blood stem cell transplant vs. bone-marrow in patients with hematological malignancies.

"ASCO Manual for Guidelines Development", American Society of Clinical Oncology, \$ 30,000 (direct costs); 2002 -2003

Purpose: to support time in writing the manual for guidelines development for the ASCO (American Society of Clinical Oncology);PI

"Strengthening Oncology Capacities at the University of Sarajevo", Italian-American Cancer Foundation/ Bristol-Myers-Squibb Foundation, \$ 27,000; 2002-2003;PI

Purpose: To help develop educational material and training plan in oncology for the University of Sarajevo

"Myeloma health outcome database of randomized controlled trials", (\$67,000 direct costs; \$83,750 total costs) Millenium (1 yr. grant, 2001-2002; agreement No: 201098);PI

Purpose: To create a searchable health outcome database of randomized trials in multiple myeloma.

"Evidence-based Oncology," \$70,000.00 Churchill-Livingston Inc. (1999-2001);PI

Purpose: Grant to help with editing the Journal of Evidence-based Oncology (re-negotiation for contract renewal in process).

"A meta-analysis of colony stimulating factors for febrile neutropenia," Awareness of Neutropenia in Chemotherapy Group, \$10,000, 2001-2002;PI

Purpose: Seed money to help complete a Cochrane review to synthesize evidence on the role of CSFs in febrile neutropenia

"Monoclonal Antibodies in hematologic malignancies", \$6,000;

Technology Evaluation Center, Blue Cross and Blue Shield Association, Chicago, IL; 2001;PI

Purpose: A systematic review/research synthesis on the role of monoclonal antibodies in hematologic malignancies. Completed.

“Role of non-myeloablative transplant in the treatment of human malignancies: systematic review of the literature,”

\$24,000.00; Technology Evaluation Center, Blue Cross and Blue Shield Association, Chicago, IL; 2000;PI

Purpose: A systematic review/research synthesis on the role on non-myeloablative transplant in hematologic malignancies. Completed;PI

“Symposium on Evidence-based Practice of Oncology, St.

Petersburg, FL,” \$22,699 Department of Health & Human Services, Agency for Health Care and Policy Research (Grant No: R13 HS10075-01). 1999-2000;PI

Purpose: Federal grant to organize the symposium on how to teach and practice evidence-based oncology. Completed.

"Symposium on Evidence-based Practice of Oncology, St.

Petersburg, FL,” \$15,000 (unrestricted grant from Bristol-Myers Squibb Co);1999;PI

Purpose: To facilitate the organization of symposium on evidence-based oncology (see below). Completed.

“Symposium on Evidence-based Practice of Oncology,

Louisville, KY,” \$15,000 (unrestricted grant from Bristol-Myers Squibb Co, Scherring Oncology and RPR) (1998);PI

Purpose: To facilitate the organization of symposium on evidence-based oncology. Completed.

“Symposium on Evidence-based Practice of

Oncology, Louisville, KY,” \$15,000 (unrestricted grant from Bristol-Myers Squibb Co, Berlex Laboratories and Scherring Oncology) (1997);PI

Purpose: To facilitate the organization of symposium on evidence-based oncology. Completed.

"Alphanate in the treatment of bleeding in uremia,” \$205,500

Alpha Therapeutic Corporation (1996-1997);PI

Purpose: To study the effect of factor VIII/von-Willebrand on bleeding in uremia.

"Mononine Continuous Infusion Protocol," \$17,442, Armour Pharmaceutical Co (1995-1996);PI

Purpose: To study the effect of factor IX in hemophilia patients. Completed.

"Alphanate in the treatment of von Willebrand's disease," \$98,400 , Alpha Therapeutic Corp (1995-1996);PI

Purpose: To study the effect of factor VIII/von-Willebrand on bleeding in von-Willebrand disease. Completed.

Cost-effectiveness Analysis of Purified Factor IX versus Prothrombin Complex Concentrate (Factor IX complex) in Treatment of Hemophilia B Patients Undergoing Knee Surgery, \$5,000, Armour Pharmaceutical Company (1995);PI
Purpose: To study cost-effectiveness of two different types of factor IX concentrates in the treatment of hemophilia B. Completed.

Contract with **Churchill Livingstone, Inc** for writing a book **Decision Making in Oncology. Evidence based management.** with a grant of \$5000.00 to help defray the cost of manuscript preparation (4/1/1994-4/1/1996);PI

Purpose: To help write a textbook on evidence-based decision making in oncology. Completed.

"Clinical Practice Guidelines in Hematology: A Proposal to Develop a Software to Integrate Cognitive Science, Decision Analysis, Annotated Algorithm and Evidence Based Medicine" \$45,000 awarded by Alliant Health System (grant number #93-07) for period 1/1/94-1/1/96;PI

Purpose: To develop a computer program to facilitate evidence-based decision making in hematology. Completed.

"Safety and Efficacy Study on the Combined Treatment with Antifibrinolytic Agents and Purified Monoclonal Factor IX (MononineTM) for Prevention of Hemorrhage After Dental Extraction in Patients with Hemophilia B," \$17,500 by Armour Pharmaceutical Company (1993-1995);PI

Purpose: To study safety and efficacy of antifibrinolytic agents in combination with factor IX concentrate in prevention of dental extraction in hemophilia B patients. Completed.

"Comparative Measurements of the Quality of Life of the HIV Positive Hemophilia Patients and HIV Positive Non-Hemophiliacs," \$8,000,00 awarded by Quantum Health Resources, 1992-1993; PI

Purpose: To compare quality of life between HIV positive and HIV negative hemophilia patients. Completed.

Contract with **Churchill Livingstone, Inc** for writing a book **Reasoning and Decision Making in Hematology** with a grant of \$3,000.00 to help defray the cost of manuscript preparation (completed January 15, 1992); PI

Purpose: To help write a textbook on decision making in hematology. Completed.

Instructional Development Mini-Grant to implement software **to teach decision analysis** to students, residents and fellows during their rotation on hematology/oncology (\$3,450.00, awarded October 1991, University of Louisville); PI

Purpose: a mini-grant to help teach medical students decision-analysis.

CURRICULUM VITAE THOMAS R. GEST, PhD

PERSONAL DATA:

Address:	Dept. of Radiology Division of Clinical Anatomy University of South Florida College of Medicine 12901 Bruce B. Downs Blvd. MDC 75 Tampa, FL 33612	Born:	December 4, 1951, Cleveland, Ohio
		Phone:	(813) 974-8750 Fax: (813) 974-5536
		E-mail:	tgest@health.usf.edu
		Web:	anatomylab.health.usf.edu

EDUCATION:

1973	B.S.	Mathematics/Statistics, Florida State University, Tallahassee, FL
1978	M.S.	Anthropology, Florida State University, Tallahassee, FL
1983	Ph.D.	Anthropology, University of Pittsburgh, Pittsburgh, PA
1982-84		Anatomy, Postdoctoral Research Assistant, University of North Dakota, Grand Forks, ND
1999-00		Medical Education Scholars Program, University of Michigan Medical School, Ann Arbor, MI

ACADEMIC APPOINTMENTS:

1979-82	Instructor, Dept. of Sociology, University of Steubenville, Steubenville, OH
1980-82	Research Assoc., Dept. of Otolaryngology, Children's Hospital of Pittsburgh, Pittsburgh, PA
1984-86	Assistant Professor, Dept. of Anatomy, Univ. South Carolina School of Med., Columbia, SC
1986-88	Assistant Professor, Dept. of Anatomy & Cell Biology, U. Michigan Med. Sch., Ann Arbor, MI
1989-93	Assistant Professor, Dept. of Anatomy, Medical College of Georgia Sch. of Med., Augusta, GA
1993-95	Associate Professor, Director of Computer Assisted Instruction Development, Office of Educational Development, Univ. Arkansas for Medical Sciences, Little Rock, AR
1993-98	Associate Professor, Dept. of Anatomy, Univ. Arkansas for Medical Sciences, Little Rock, AR
1998-00	Associate Professor, Dept. of Anatomy & Cell Biology, U. Michigan Med. Sch., Ann Arbor, MI
2000-11	Associate Professor, Div. of Anat. Sciences, Office of Med. Ed., U. Mich. Med. Sch., Ann Arbor, MI
2001-11	Associate Professor, Dept. of Medical Education, U. Mich. Med. Sch., Ann Arbor, MI
2011-	Professor and Dean of Medical Education, St. Martinus U., Curacao
2011-12	Professor, Dept. of Pathology & Cell Biology, Univ. South Florida Col. Med., Tampa, FL
2012-	Professor, Dept. of Radiology, Univ. South Florida Col. Med., Tampa, FL

CONSULTING POSITIONS:

1979-80	Consultant, Social Science Computer Research Institute, Dept. of Anthropology, University of Pittsburgh, Pittsburgh, PA
1981-82	Consultant, Carnegie Museum of Natural History, Section of Man, Pittsburgh, PA
1986-88	Consultant, Dept. of Otolaryngology, Children's Hospital of Pittsburgh, Pittsburgh, PA
1993-98	Consultant, VA Medical Center, Little Rock, AR
2001-03	Consultant, "Foundational Model of Anatomy", NIH-NLM funded project, Cornelius Rosse, PI
2010	Consultant, Gross anatomy course review, Stony Brook Medical Center
2010	Consultant, Gross anatomy laboratory renovation and course review, Univ. South Florida Sch. Med.
2010-	Consultant, Gross anatomy course development and implementation, St. Martinus Univ., Curacao

NATIONAL & INTERNATIONAL COMMITTEES/SERVICE:

2003	NBME Step 1 Standard Setting Committee
2003-	International Virtual Medical School (IVIMEDS) University of Michigan representative
2004	Review of NBME Anatomy Subject Exam
2008	Review of NBME Anatomy Subject Exam
2008-11	Council, Am. Assoc. Clinical Anatomists
2008-2	NBME Step 1 Item Writing Committee
2009	Moderator, Education Session, Am. Assoc. Clinical Anatomists meetings
2009-11	Chair, Educational Affairs Committee, Am. Assoc. Clinical Anatomists
2009-	Educational Affairs Committee, Am. Assoc. Clinical Anatomists
2009-	Anatomical Terminology Committee, Am. Assoc. Clinical Anatomists

- 2009-12 Professional Association Management Committee, Am. Assoc. Clinical Anatomists
- 2009- Association Web Advisory Group, Am. Assoc. of Anatomists
- 2009- Visiting Scholarship Program Committee, Am. Assoc. of Anatomists
- 2009-11 Meeting Organization and Program Planning Committee, Am. Assoc. of Clinical Anatomists
- 2010- Anatomical Services Committee, Am. Assoc. Clinical Anatomists
- 2010 Nominated for membership in FIPAT, Federative International Program for Anatomical Terminology
- 20011- Council, Am. Assoc. Clinical Anatomists (reelected)
- 2011-2 NBME Step 1 Item Writing Committee (reappointed)

MEMBERSHIP IN PROFESSIONAL SOCIETIES:

- 1977 American Anthropological Association
- 1977 American Association of Physical Anthropologists
- 1980 American Association for the Advancement of Science
- 1980 Human Biology Council
- 1981 American Association for Laboratory Animal Science
- 1984- American Association of Anatomists
- 1989- American Association of Clinical Anatomists
- 1992 Society for Applied Learning Technology

HONORS AND AWARDS:

- 1969 John Huntington Scholarship, Cleveland OH
- 1969-71 Athletic Scholarship, F.S.U., Swimming
- 1970 Phi Eta Sigma (freshman honorary)
- 1971-73 Academic Scholarship, F.S.U.
- 1972 Pi Mu Epsilon (mathematics honorary)
- 1973 Graduate With Honors, F.S.U. (B.S.)
- 1973 Phi Beta Kappa
- 1978 Honor Society of Phi Kappa Phi
- 1980 Sigma Xi Scientific Research Society
- 1986 Honorable Mention, Outstanding Teacher of the Year, Class of 1989, USC School of Medicine
- 1988 Nominated, Kaiser Permanente Award for Excellence in Teaching, U. Mich. Med. Sch.
- 1989 Nominated, Kaiser Permanente Award for Excellence in Teaching, U. Mich. Med. Sch.
- 1994 Golden Apple Teaching Award, Freshmen, Basic Science, UAMS
- 1995 Golden Apple Teaching Award, Freshmen, Basic Science, UAMS
- 1996 Golden Apple Teaching Award, Freshmen, Basic Science, UAMS
- 1996 Stage & Student Marshall, Honors Convocation & Graduation, UAMS
- 1997 Golden Apple Teaching Award, Freshmen, Basic Science, UAMS
- 1997 Stage & Student Marshall, Honors Convocation & Graduation, UAMS
- 1997 Red Sash Award, School of Medicine Class of 1997, UAMS
- 1998 Golden Apple Teaching Award, Freshmen, Basic Science, UAMS
- 1998 Stage & Student Marshall, Honors Convocation & Graduation, UAMS
- 1998 Red Sash Award, School of Medicine Class of 1998, UAMS
- 2000 Kaiser Permanente Award for Excellence in Teaching, U. Mich. Med. Sch.
- 2001 Medical Student Award for Teaching Excellence, Fall 1999, U. Mich. Med. Sch.
- 2002 Medical Student Award for Most Outstanding Professor, Fall 2001, U. Mich. Med. Sch.
- 2002 Profile in Success, Apple Computer, Inc.
- 2003 Golden Apple Award, University of Michigan
- 2003 Nominated, Humanism in Medicine Award
- 2004 Representative for The Michigan Difference Campaign, U. Mich. Med. Sch.
- 2005 Medical Student Award for Teaching Excellence, 2004-5, U. Mich. Med. Sch.
- 2005 Graduation Marshall, Class of 2005, U. Mich. Med. Sch.
- 2006 Elizabeth Crosby Teaching Award, Galens Medical Society, U. Mich. Med. Sch.
- 2006 Graduation Marshall, Class of 2006, U. Mich. Med. Sch.

- 2007 Graduation Marshall, Class of 2007, U. Mich. Med. Sch.
- 2008 Graduation Marshall, Class of 2008, U. Mich. Med. Sch.
- 2009 Graduation Marshall, Class of 2009, U. Mich. Med. Sch.
- 2009 Outstanding Research Mentor, Undergraduate Research Opportunities Program, U. Michigan

TEACHING ACTIVITIES:

- 1976-78 Anthro 201, Intro. to Anthropology, Dept. of Anthro., Florida State University, Tallahassee, FL
- 1978-80 Anthro 21, Intro. to Behavioral Anthro.; Anthro 81, Intro. to Physical Anthro.; Archeological Field Methods, Dept. of Anthro., Univ. Pittsburgh, PA
- 1979-82 Soc 401, Intro. to Physical Anthro.; Soc 453, Human Variation & Race; Sociology 436A, Linguistics; Soc 436B, Sociobiology and Evolution, Dept. of Sociology, Univ. of Steubenville, Steubenville, OH
- 1984 Medical Gross Anatomy, Anat. Dept., Univ. of North Dakota, Sch. of Med., Grand Forks, ND
- 1984-86 Medical Gross Anatomy & Embryology, Anat. Dept., Univ. of South Carolina, Sch. of Med., Columbia, SC
- 1986-88 Medical Gross Anatomy, Dept. of Anatomy & Cell Biology, Univ. Mich. Med. Sch., Ann Arbor, MI
- 1987 Summer Research Opportunities Program, Univ. Mich. Med. Sch. Mentor for David Roden and Michael Rytting, Med. Sch. Class of 1990
- 1988 Kellogg Summer Internship for Teachers, Univ. Mich. Med. Sch. Mentor for Dr. George Granderson, High School Science Teacher
- 1989-93 Center for Clinical Anatomy, Medical College of Georgia. Involved in courses for medical students at all levels, including Medical Gross Anatomy, Medical Embryology (Co-Course Director), Senior Electives in Gross Anatomy, resident review courses in gross anatomy and embryology, summer course in Medical Gross Anatomy, and Course Director of summer Embryology. Assistant for laboratory instruction of gross anatomy for PT/OT students
- 1989-93 Creation of computer assisted instructional materials at MCG: Delivery by Cesarean Section, Hernia Repair, Slice of Life Sampler, MDR III, The Upper Limb (R. Schuyler and T. Gest), The Abdomen (K. Napier and T. Gest)
- 1989-93 Installation and maintenance of instructional materials and computer assisted instructional programs (multiple copies of twenty different programs) in the medical library, MCG
- 1989-93 Faculty Advisor, Summer Educational Enrichment Program (SEEP), MCG, for Marius Ruja (1989), Tiku Bhutwala (1990), Andrea Carter (1991), Melvin Smith (1992)
- 1989-93 Gross Anatomy for Summer Educational Enrichment Program prematriculation session, MCG
- 1989-90 Summer review sessions in gross anatomy and embryology for national board exams, MCG
- 1990-1 Dean's Summer Research Program, MCG. Mentor for Robert Schuyler, Class of 1993, and Kevin Napier, Class of 1994
- 1990-93 Appointed to Faculty of School of Graduate Studies, MCG
- 1992-93 Co-Course Director, Medical Embryology, MCG (to assume directorship effective Fall, 1993)
- 1993-8 Instructional Technology in the Health Sciences, Partners in Health Science Program, UAMS
- 1993-8 Assist with National Board review program, UAMS/COM
- 1993-8 Gross Anatomy, UAMS/COM
- 1994-8 Gross Anatomy, Prematriculation Program, UAMS/COM
- 1995-8 Microscopic Anatomy, UAMS/COM. Lectures in selected topics in embryology.
- 1996 OB/GYN Anatomy, Senior elective, UAMS/COM
- 1997-8 Course Director, OB/GYN Anatomy, Senior elective, UAMS/COM
- 1998- Medical Gross Anatomy, U. Mich. Med. Sch.
- 1999 Dental Gross Anatomy, U. Mich. Med. Sch.
- 1999 Dental Head & Neck Anatomy, U. Mich. Med. Sch.
- 1999 Summer Biomed. Research Prog., U. Mich. Med. Sch. Mentor for David Brzezinski, Carl Dahlberg, and Michael Carron, Med. Sch. Class of 2002
- 2000 Course Director, Medical Embryology, U. Mich. Med. Sch.
- 2000- ITTP, Small group facilitator for Interpersonal Violence sequence, U. Mich. Med. Sch.
- 2000-1 Course Director, Prematriculation Program in gross anatomy, U. Mich. Med. Sch.

- 2001 Summer Biomed. Research Prog., U. Mich. Med. Sch. Mentor for Susana Gonzalez, Joshua Bess, Jonathan Walter, and David Somand, Med. Sch. Class of 2004
- 2001- Course Director, M1 Medical Gross Anatomy, U. Mich. Med. Sch.
- 2001- M4 Surgical Anatomy, U. Mich. Med. Sch.
- 2002- M4 Applied Anatomy of the Musculoskeletal System, U. Mich. Med. Sch.
- 2002- M4 Applied Anatomy of the Head & Neck, U. Mich. Med. Sch.
- 2002- Science in Clinics, Educational technology in gross anatomy, U. Mich. Med. Sch.
- 2002 Summer Biomed. Research Prog., U. Mich. Med. Sch. Mentor for Seung Park, Med. Sch. Class 2005
- 2003 Summer Biomed. Research Prog., U. Mich. Med. Sch. Mentor for Nicholas Boncher and Charles Draznin, Med. Sch. Class 2006
- 2003 Educational Skills Workshop Leader, "Effective teaching in the laboratory and classroom", U. Mich. Med. Sch.
- 2003- Sequence Coordinator, M1 Musculoskeletal Sequence, U. Mich. Med. Sch.
- 2004 Summer Biomed. Research Prog., U. M. Med. Sch. Mentor for Michael Lanham, Med. Sch. Class 2007
- 2005 Summer Biomed. Research Prog., U. M. Med. Sch. Mentor for Daniel Saddawi-Konefka and Benjamin Bryner, Med. Sch. Class 2008
- 2007 Summer Biomed. Research Prog., U. M. Med. Sch. Mentor for Kevin O'Bryan, Med. Sch. Class 2010
- 2009 Summer Biomed. Research Prog., U. M. Med. Sch. Mentor for Zachary Sawaya, Med. Sch. Class 2012
- 2010 Summer Biomed. Research Prog., U. M. Med. Sch. Mentor for Michael Bohl, Jeffrey Butler, and Ikenna Nwambe, Med. Sch. Class 2013
- 2010- Guest lecturer, Gross anatomy, Univ. Med. & Health Sci., Basseterre, St. Kitts, WI
- 2011- Professor, Gross anatomy, St. Martinus School of Medicine, Willemstad, Curacao, WI
- 2011- Graduate advisor for Amanda Lilleston, U. Mich. School of Art and Design
- 2012- Associate Course Director, Courses 1-4, USF Morsani College of Medicine
- 2012- Director of Gross Anatomy and Anatomy Labs, USF Morsani College of Medicine

SERVICE TO THE UNIVERSITY:

- 1979-81 President, Graduate Student Organization, Dept. of Anthropology, U Pitt
- 1985-86 Library Committee, USC School of Medicine
- 1985 Ad hoc committee for computer purchases, Dept. of Anatomy, USC School of Medicine
- 1987-88 Animal Care Committee, Dept. of Anatomy & Cell Biology, UM Medical School
- 1987 Coordinated U. Michigan contribution of approx. 1,000 images to Slice of Life III videodisc
- 1988 Executive Committee, Dept. of Anatomy & Cell Biology, UM Medical School
- 1989-93 Phase I/II Curriculum Committee, MCG
- 1989-93 Faculty Advisor, MCG
- 1989-90 Coordinated MCG contribution to Slice of Life IV videodisc; this contribution included over 6,000 still images and 24 minutes of motion video
- 1989-93 Member, CAI Interest Group, MCG
- 1989-93 Participant in orientation and recruitment program for medical student applicants, MCG
- 1990-1 Chair, Subcommittee for Core Curriculum Analysis, MCG
- 1990-93 Educational Affairs Committee, MCG
- 1991-2 Steering Committee for Basic Science and Clinical Curriculum, MCG
- 1991-93 Interview of candidates for admission to medical school, MCG
- 1991-93 Chair, Phase I/II Curriculum Committee, MCG
- 1992-93 Member, Robert Wood Johnson Steering Committee, MCG
- 1993-98 Member, Committee for Development of Self-Directed Learning Technology, UAMS
- 1993-98 Member, Sub-Committee on Computer Literacy for Medical Students, UAMS
- 1993-5 Member, Continuity Team for Six-Year Planning, Office of Academic Affairs, UAMS
- 1994-98 Member, Faculty Development Group, UAMS
- 1995-98 Network Administrator, Anatomy E-mail system, UAMS
- 1995-98 Network Administrator, Anatomy LAN, UAMS
- 1995-98 Webmaster, Anatomy web site (<http://anatomy.uams.edu>), UAMS
- 1995-98 Manager, Anatomy computer teaching facilities, 25 workstations, UAMS

- 1996-98 Interview of candidates for admission to medical school, UAMS
- 1996-98 Member, Academic Standards Committee, UAMS
- 1996-98 Member, Computer Education Committee, UAMS
- 1996-98 Webmaster, Arkansas Cancer Research Center, Office of Education web site (<http://cancereducation.uams.edu>), UAMS
- 1997-98 Member, Life-Long Learning Committee, UAMS
- 1998-00 Webmaster, Dental Gross Anatomy web site, U. Mich. Med. Sch. (http://www.med.umich.edu/lrc/coursepages/dental_gross)
- 1999-00 Webmaster, Medical Embryology web site, U. Mich. Med. Sch. (<http://www.med.umich.edu/lrc/coursepages/M1/embryology>)
- 1998-11 Webmaster, Division of Anatomical Sciences web site, U. Mich. Med. Sch. (<http://www.med.umich.edu/anatomy>)
- 1998-11 Webmaster, Medical Gross Anatomy web site, U. Mich. Med. Sch. (<http://anatomy.med.umich.edu>)
- 1999-00 Member, Medical Education Scholars Program, U. Mich. Med. Sch.
- 2000 Member, Seminar Committee, Dept. Cell & Dev. Biol. U. Mich. Med. Sch.
- 2000 Chair, Computer Committee, Dept. Cell & Dev. Biol. U. Mich. Med. Sch.
- 2000-11 Member, Committee on Student Biomedical Research, U. Mich. Med. Sch.
- 2000-11 Director, Anatomical Donations Program, U. Mich. Med. Sch.
- 2001 Member, Awards Committee, U. Mich. Med. Sch.
- 2001-5 Member, Curriculum Policy Committee, U. Mich. Med. Sch.
- 2001-5 Member, Basic Science Academic Review Board, U. Mich. Med. Sch.
- 2002 Member, Detail Design Team for the MD21 Curriculum, U. Mich. Med. Sch.
- 2004-8 Alternate, Senate Assembly, U. Mich.
- 2007-10 Member, Basic Science Academic Review Board, U. Mich. Med. Sch.
- 2009-11 Representative, Senate Assembly, U. Mich.
- 2002- Representative, Florida State Anatomical Board

COMMUNITY SERVICE:

- 1983-84 President, Board of Directors, Grand Forks Food Cooperative, Grand Forks, ND
- 1983-84 Instructor of Hatha Yoga, Grand Forks YMCA, Grand Forks, ND
- 1989-90 Volunteer in archeological excavations of the Old Medical College, Augusta, GA
- 1990 Judge, CSRA Regional Science Fair
- 1995-8 Presentations to Pulaski Academy Elementary School classes
- 1999-0 Den Leader, Tiger Cub Den 4, Pack 5, Ann Arbor, MI
- 2000 Presentations to Eberwhite Elementary School classes
- 2000 Presentations to Dexter Middle School classes
- 2000-11 Member, Eberwhite Woods Committee
- 2000-11 Member, Allen Creek Watershed Group
- 2002- Assist with Washtenaw Elementary Science Olympiad
- 2003-4 Presentations to Eberwhite Elementary School classes
- 2004-11 Presentations to Ann Arbor Public School groups
- 2005-11 Presentations to Michigan and northwest Ohio school groups
- 2005-11 Instructor, Hatha Yoga for medical students, U. Mich. Med. Sch.

GRANT SUPPORT:

- 1985-86 T.R. Gest, PI, Neural crest cell migration into the developing chick wing. BRSG Small Grants Program, 4/85-4/86, \$3,000.
- 1985-87 T.R. Gest, PI, Establishment of an anatomical museum and a system of computer assisted instruction at the University of South Carolina School of Medicine. The Ira W. DeCamp Foundation, 5/85-4/87, \$77,800.
- 1985-87 T.R. Gest, PI, Blood vessel patterns in normal and abnormal development. March of Dimes Birth Defects Foundation, Basil O'Connor Starter Research Grant, 8/85-7/87, \$50,000.

- 1987 T.R. Gest, PI, Pathogenesis of asplenia in the mouse mutant Dominant hemimelia. Rackham Faculty Research Grant, University of Michigan, 1/87-12/87, \$8,457.
- 1987-88 W.E. Burkel, J.H. Lillie, and T.R. Gest, Co-PIs, An applied anatomical sciences learning center. Teaching Grant, Center for Research on Learning and Teaching, University of Michigan, 5/87-4/88, \$3,000.
- 1988 W.E. Burkel, J.H. Lillie, and T.R. Gest, Co-PIs, An applied anatomical science learning center. Dean's Discretionary Fund, University of Michigan Medical School, \$21,000.
- 1989-90 T.R. Gest, PI, Migration patterns of endothelial cells and neural crest cells in the developing heart. BRSG, Medical College of Georgia, 4/89-4/90, \$4,000
- 1994-96 A. VanBiervliet and S. McCluer, (T.R. Gest, Assoc. Director, 20%) Empowerment through interactive instruction: A multimedia guide to self-care for persons with spinal cord injury and their families. Paralyzed Veterans of America, 5/94-4/96, \$101,769
- 1994-7 M.A. Minneman (T.R. Gest, CAI Specialist, 20%) Allied Health Project Grant: Distance Delivery of Dental Hygiene Continuing Education. 10/1/94-9/30/97, \$126,364
- 1994-8 D.H. Berry (T.R. Gest, Assoc. Director, 25%) Student Partners in Cancer Research, Education, and Outreach. 12/1/94-11/30/99, \$1,117,286
- 1997-8 E.R. Burns, (T.R. Gest, Consultant, 20%) Partners in Health Science. NIH, 7/97-6/00, \$770,713
- 1999-01 B. Athey, (T.R. Gest, Consultant, 20%) Next Generation Internet and the Visible Human. NIH, 11/99-10/02, \$6,750,000
- 1999 T.R. Gest, Promoting active learning of gross anatomy. CRLT, 11/99-10/00, \$6,000
- 2000 T.R. Gest, Continuing to promote active learning of gross anatomy. CRLT, 11/00-10/01, \$6,000

GRANT REVIEWS:

- 2001 Review of proposals to NIH RFP: NLM 01-106, Visible Human Project Anatomical Methods.
- 2005 Review of proposals to NIH RFP: NLM 05-070/NDK, VHP Visible Pancreas.

PUBLICATIONS

BOOKS:

- Gest, T.R., and W.E. Burkel, N.A. Waanders: Review Questions for Gross Anatomy & Embryology. 401 pp. Parthenon Publishing, New York. 1993.
- Gest, T.R., and D. Hastings-Nield: Neuroanatomy I: The Forebrain. LaserBarcode Workbook. 124 pp. The Anatomy Project, London. 1993.
- Gest, T.R., and D. Hastings-Nield: Neuroanatomy II: The Midbrain & The Hindbrain. LaserBarcode Workbook. 132 pp. The Anatomy Project, London. 1993.
- Gest, T.R., and D. Hastings-Nield: Neuroanatomy III: The Spinal Cord, Meninges & Blood Supply. LaserBarcode Workbook. 126 pp. The Anatomy Project, London. 1993.
- Gest, T.R., and D. Hastings-Nield: The Eye. LaserBarcode Workbook. 156 pp. The Anatomy Project, London. 1994.
- Gest, T.R., and J. Schlesinger: MedCharts Gross Anatomy. ILOC, Inc., Granville, Ohio. 309 pp. 1994
- Gest, T.R., and D. Hastings-Nield: The Hand. LaserBarcode Workbook. 161 pp. The Anatomy Project, London. 1995.
- Gest, T.R., and J. Anderson: Review Questions for Embryology. 104 pp. Parthenon Pub., New York. 1995
- Tank, P.W. and T.R. Gest: Lippincott Williams and Wilkins Atlas of Anatomy. 550 pp. Lippincott Williams and Wilkins, Baltimore. 2008.
- Pansky, B. and T.R. Gest: Concise Illustrated Anatomy. Vol. 1: Musculoskeletal System. Lippincott Williams and Wilkins, Baltimore. July, 2011
- Pansky, B. and T.R. Gest: Concise Illustrated Anatomy. Vol. 2: Thorax, Abdomen, and Pelvis. Lippincott Williams and Wilkins, Baltimore. July, 2012
- Pansky, B. and T.R. Gest: Concise Illustrated Anatomy. Vol. 3: Head and Neck Lippincott Williams and Wilkins, Baltimore. in prep.

BOOK CHAPTERS:

1. Olson, T.R., T.R. Gest, D. Backus, and G.M. Swayne: Chapter 9. A.D.A.M. Animated Dissection of Anatomy for Medicine Software. Medical Multimedia. C. Ghaoui and R. Rada, eds. Intellect, 1995, pp. 151-155.

ARTICLES:

1. Stoutamire, J.W., C.O. Braley, T.R. Gest, and P. Logan: The Tuft Springs #1(13Bi25) and #2(12Bi19) sites in Central Georgia prehistory. Southeast Archeological Center, 1976, Tallahassee, FL.
2. Siegel, M.I. and T.R. Gest: The relationship between body weight, facial and dental dimensions in a population of olive baboons (*Papio cynocephalus anubis*). Arch. Oral Biol. 1980; 35:601-2.
3. Wiet, R.J., W.J. Doyle, T.R. Gest, M.M. Jummer, R.E. Darby, and R.J. Smith: An interracial study of the morphometrics of the skull base with reference to the eustachian tube. Proceedings of the 2nd International Conference on Cholesteatoma and Mastoid Surgery, 1981, Tel Aviv, Israel. pp. 81-96.
4. Saad, M.M., W.J. Doyle, and T.R. Gest: Morphology of the middle ear in the rhesus monkey (*Macaca mulatta*). Acta anatomica 1982; 112:117-130.
5. Gest, T.R. and M.I. Siegel: The relationship between organ weights and body weight, facial dimensions and dental dimensions in a population of olive baboons (*Papio cynocephalus anubis*). Am. J. Phys. Anthropol. 1983; 61:189-196.
6. Mooney, M.P., M.I. Siegel, and T.R. Gest: Prenatal stress and increased fluctuating asymmetry in the parietal bones of neonatal rats. Am. J. Phys. Anthropol. 1985; 68:131.
7. Siegel, M.I., M.P. Mooney, K.R. Kimes, and T.R. Gest: Traction, prenatal development and the labiosepto-premaxillary region. Plast. Reconstruct. Surg. 1985; 76:25.
8. Siegel, M.I., W.J. Doyle, T.R. Gest, and A.S. Ingraham: A comparison of craniofacial growth in normal and cleft palate rhesus monkeys. Cleft Palate J. 1985; 22:192.
9. Gest, T.R., M.I. Siegel, and J. Anistranski: The long bones of neonatal rats stressed by cold, heat, and noise exhibit increased fluctuating asymmetry. Growth 1986; 50:385-389.
10. Siegel, M.I., M.P. Mooney, J.W. Eikberg, T.R. Gest, and D.R. Lee: Septopremaxillary ligament resection and midfacial growth in a chimpanzee animal model. J. Craniofacial Surgery 1990; 4:182-186.
11. Siegel, M.I., M.P. Mooney, J.W. Eichberg, T.R. Gest, D.R. Lee: Nasal capsule shape changes following septopremaxillary ligament resection in a chimpanzee animal model. Cleft Palate-Craniofacial Journal 1992;29(2):137-142.
12. Gest, T.R. and A. VanBiervliet: Digital conversion of interactive videodisc programs for the health sciences into CD-ROM. J. Med. Ed. Tech. 1994; 4(4):5-16.
13. VanBiervliet, A. and T.R. Gest: Techniques for converting analog interactive videodisc courseware into digital CD-ROM programs: Conversion of The Anatomy Project. In Educational Multimedia and Hypermedia Annual. H. Mauer (ed.). 1994.
14. Hutchins, L.F., M. Fulper-Smith, L. Deloney, T.R. Gest, P.K. Roberson, D.H. Berry: Evaluation of computer-based cancer education modules at the Arkansas Cancer Research Center. J. Med. Ed. Tech. 1996; 6(1):4-9.
15. Tank, P.W. and T.R. Gest: Development of an anatomy educational network within a modern human gross anatomy dissection laboratory. J. Med. Ed. Tech. 1996; 6(1):17-23.
16. Gest, T.R.: Using technology to learn how to use technology to teach. J. Med. Ed. Tech. 1996; 6(2):4-7.
17. Tank, P.W. and T.R. Gest: The UAMS Department of Anatomy World Wide Web site. J. Med. Ed. Tech. 1996; 6(2):22-23.
18. Olson, T.R., T.R. Gest, D. Backus, and G.M. Swayne: A.D.A.M. - Animated Dissection of Anatomy for Medicine Software: A multimedia interface for the universal integration of medical knowledge as well as an interactive learning system in human anatomy. Intelligent Tutoring Media. 1997.
19. Gest, T.R. and M.A. Carron: The embryonic origin of the caudal mesenteric artery in the mouse. Anat. Rec. 2003; 271A(1): 192-201.
20. Wetzel, A.W. and G.L. Nieder, G. Durka-Pelok, T.R. Gest, S.M. Pomerantz, D. Nave, S. Czanner, L. Wagner, E. Shirey, D.W. Deerfield: Photo-Realistic Representation of Anatomical Structures for Medical Education by Fusion of Volumetric and Surface Image Data. AIPR 2003: 131-140
21. Jamadar, D.A. and J.A. Jacobson, Y. Morag, F. Ebrahim, T. Gest, M. Franz: Sonography of inguinal region hernias. Am. J. Roentgenol. 2006; 187:185-190.
22. Bryner, B. S. and D. Saddawi-Konefka, T.R. Gest: The impact of interactive, computerized educational modules on preclinical medical education. Anatomical Sciences Education 2008 1 (6):247-251.

23. Gest, T.R. and W.E. Burkel, G.W. Cortright: A need for logical and consistent anatomical nomenclature for cutaneous nerves of the limbs. *Anatomical Sciences Education* 2008 2 (3):126-134.
24. Gest, T. R., and S. Hildebrandt: The pattern of the thoracic splanchnic nerves as they pass through the diaphragm. *Clinical Anatomy* 2009 22:809-814.
25. Dong, Q., D.A. Jamadar, B.L. Robertson, J.A. Jacobson, E.M. Caoili, T. Gest, G. Girish: Posterior interosseous nerve of the elbow: normal appearances simulating entrapment. *J Ultrasound Med.* 2010 29(5):691-6.
26. Gest, T.R. and M.A. Bohl, F.H. Lau, M.A. Carron: The development of the omphalomesenteric artery in the mouse. *Anat. Rec.* *Anat. Rec.*, accepted, in revision.
27. Bohl, M.A. and T.R. Gest: Resident perceptions of anatomy education: A survey of medical school alumni from two different anatomy curricula and multiple medical specialties. *Anat. Sci. Ed.* accepted.
28. Bohl, M. and W. Francois, T. Gest: Self-guided clinical cases for medical students based on postmortem CT scans of cadavers. *Clin. Anat.* accepted.

ABSTRACTS:

1. Gest, T.R. and M.I. Siegel: Fluctuating asymmetry in the long bones of cold stressed neonatal rats. *Anat. Rec.* 1982; 202(3):62A.
2. Gest, T.R. and M.I. Siegel: The relationship between organ weights and body weight, facial dimensions and dental dimensions in a population of olive baboons (*Papio cynocephalus anubis*). *Am. J. Phys. Anthropol.* 1982; 57(2):192-193.
3. Gest, T.R.: Anatomy of the hindlimb of the Dominant hemimelic (Dh) mutant mouse. *Anat. Rec.* 1983; 205:62A.
4. Albright, B.C. and T.R. Gest: Postnatal synaptic development of feline cuneate nucleus. *Anat. Rec.* 1983; 205:6A.
5. Gest, T.R., M.I. Siegel, and J. Anistranski: Increased fluctuating asymmetry in the long bones of neonatal rats stressed in cold, heat, and noise. *Am. J. Phys. Anthropol.* 1983; 60:196-197
6. Gest, T.R.: Muscle and tendon patterns in congenitally malformed hindlimbs of Dominant hemimelic (Dh) mice. *Anat. Rec.* 1984; 208:60-61A.
7. Albright, B.C. and T.R. Gest: The effects of impaired somatosensory input upon the synaptic development of the feline cuneate nucleus. *Anat. Rec.* 1984; 208:6-7A.
8. Siegel, M.I., W.J. Doyle, T.R. Gest, and A.S. Ingraham: A comparison of craniofacial growth in normal and cleft palate rhesus monkeys. *Am. J. Phys. Anthropol.* 1984; 63:218.
9. Gest, T.R.: Abnormal vascular patterns in the hindlimb of the mouse mutant Dominant hemimelia (Dh) *Anat. Rec.* 1984; 208:296.
10. Gest, T.R.: Laterality of hindlimb malformations in the mouse mutant Dominant hemimelia (Dh). *Anat. Rec.* 1985; 211:68A.
11. Gest, T.R., J.E. Carey, and L. Johnson: An anatomical teaching museum and a system of computer aided instruction: design, funding, and implementation. *Anat. Rec.* 1986; 214:42A.
12. Gest, T.R.: Abnormal blood vessel development in the mouse mutant Dominant hemimelia (Dh). *Anat. Rec.* 1987; 218:49A.
13. Albright, B.C. and T.R. Gest: The synaptic development of the cuneate nucleus in normal and somatosensory impaired kittens. *Proceedings of the International Symposium on Development and Plasticity of the Mammalian Spinal Cord, Spoleto, Italy.* In press.
14. Gest, T.R. and D.M. Roden: Development of abnormal abdominal vascular patterns in asplenic mice. *Anat. Rec.* 1988; 220:37-38A.
15. Gest, T.R. and A.R. Beaudoin: The effects of 2-amino-1,3,4-thiadiazole upon blood vessel and musculoskeletal development in the rat limb. *Anat. Rec.* 1989; 223:42A.
16. Gest, T.R., W.E. Burkel, and N.A. Waanders: An interactive computer question database for gross anatomy and embryology. *Clin. Anat.* 1989; 3:71.
17. Gest, T.R.: Normal and abnormal blood vessel patterns in the developing mouse gut. *Clin. Anat.* 1989; 3:71.
18. Colborn, G.L., G.J. Berlin, C.L. DiLorenzo, R.A. Rowe, T.A. Weidman, and T.R. Gest: Development of computer assisted instructional materials for the anatomical sciences. *Proceedings of the Association of American Medical Colleges Group on Medical Education: Innovations in Medical Education.* 1989; p.90.

19. Gest, T.R. and G.L. Colborn: Teaching clinically oriented human gross anatomy with personal computers and interactive videodisc. *Anat. Rec.* 1990; 226:36A.
20. Gest, T.R.: The Anatomy Project: Interactive videodiscs for clinically oriented human gross anatomy. Proceedings of 1st Annual Educational and Research Conference of the American Medical Informatics Association. 1990.
21. Gest, T.R.: Interactive videodiscs for the anatomical sciences. *Clin. Anat.* 1991;4:67-8.
22. Colborn, G.L., G.J. Berlin, C.L. DiLorenzo, R.A. Rowe, T.A. Weidman, and T.R. Gest: Learning anatomy by computer: Projects in computer assisted instruction. Proceedings of the Association of American Medical Colleges Group on Medical Education: Innovations in Medical Education. 1990; p.129.
23. Mooney, M.P., M.I. Siegel, J.W. Eikberg, T.R. Gest, and D.R. Lee: Tensor analysis of nasal capsule shape following septopremaxillary ligament resection in chimpanzees. *Am. J. Phys. Anthropol.* 1991; Suppl. 12:133.
24. Gest, T.R.: Electronic muscle flashcards. *Anat. Rec.* 1991; 229(4):29A.
25. Gest, T.R.: Development of IVD courseware for The Anatomy Project: A comparison of HyperCard and Linkway. Proceedings of the Society for Applied Learning Technology meetings. 1992.
26. Tavakoli, R., T.R. Olson, and T.R. Gest: Brain anatomy interactive: An ESP application of interactive video in medical education. Proceedings of the 9th International Conf. on New Concepts in Higher Education. 1992.
27. Olson, T.R., and T.R. Gest: The use and value of A.D.A.M. (Animated Dissection of Anatomy for Medicine) in the evaluation of practical anatomical knowledge. *Clin. Anat.* 1993.
28. Olson, T.R., T.R. Gest, D. Backus, and G.M. Swayne: A.D.A.M. - Animated Dissection of Anatomy for Medicine Software: A multimedia interface for the universal integration of medical knowledge as well as an interactive learning system in human anatomy. Proceedings of Assoc. of Comp. Machines Multimedia '93. 1994.
29. VanBiervliet, A. and T.R. Gest: Techniques for converting analog interactive videodisc courseware into digital CD-ROM programs: Conversion of The Anatomy Project. *Educational Multimedia and Hypermedia Annual*, 1994.
30. Gest, T.R. and A. VanBiervliet: Converting interactive videodisc programs for the health sciences into CD-ROM-based programs. Proceedings of 12th Annual Conference on Interactive Instruction Delivery, 1994.
31. Gest, T.R. and A. VanBiervliet: Multi-format, multi-platform multimedia: The Anatomy Project. *J. Am. Med. Informatics Assoc. Symposium Suppl.* 1994, p. 1041.
32. VanBiervliet, A. and Gest, T.R.: A multimedia consumer guide to spinal cord injury: Using Quicktime movies for interactive patient education. Proceedings of 13th Annual Conference on Interactive Instruction Delivery, 1995.
33. Berry, D.H., M. Fulper-Smith, L.A. Deloney, and Gest, T.R.: Development of computer-based cancer education materials at the Arkansas Cancer Research Center. Proceedings of 13th Annual Conference on Interactive Instruction Delivery, 1995.
34. Hutchins, L.F., Deloney L.A., Berry D.H., Fulper-Smith M., Gest T.R.: Evaluation of computer-based cancer education modules at the Arkansas Cancer Research Center, *J. of Cancer Ed.* 10(3):17, 1995.
35. VanBiervliet, A. and Gest, T.R.: Techniques and tools for digitizing analog video for use in CD-ROM-based health education programs. Proceedings of 8th World Congress on Medical Informatics, 1996.
36. VanBiervliet, A. and Gest, T.R.: A multimedia guide to spinal cord injury: Empowerment through self instruction. Proceedings of 8th World Congress on Medical Informatics, 1996.
37. VanBiervliet, A. and Gest, T.R.: Techniques and tools for converting analog resources into multimedia content for CD-ROMs. Proceedings of 19th Annual Symposium on Computer Applications in Medical Care, 1996.
38. Gest, T.R. and D.H. Berry, L.A. Deloney, M. Fulper-Smith: Multimedia cancer education core curriculum for residents and primary care practitioners at the Arkansas Cancer Research Center. Proceedings of 19th Annual Symposium on Computer Applications in Medical Care, 1996.
39. VanBiervliet, A. and S. McCluer, T.R. Gest, J. Morgan, C Vines, B. Hollis, D. Gottsponer: Take control: Collaborative multimedia program in SCI for consumers and professionals. Proceedings of 10th Annual Conference of the American Association of Spinal Cord Injury Psychologists and Social Workers, 1996.
40. Fulper-Smith M., Gest T.R., Deloney L.A., Berry D.H.: Multimedia program development as a self-directed learning tool for medical students, *Journal of Cancer Education* 11(Suppl. 3):18, 1996.

41. Ferguson, P. and T. Gest, S. Strode: Primary care provider's cancer resource site. Proceedings of Am. Assoc. Cancer Ed. 1997.
42. Gest T.R. and P.W. Tank: Evaluation of computer assisted instruction for gross anatomy by student questionnaire and class grade averages. FASEB, Experimental Biology 98, in press.
43. Gest T.R. and G.W. Cortright: An unusual origin of the posterior intercostal arteries. Anatomical Record, in press.
44. Raoof, A., Gest T.R. and W. Burkel: Peer Evaluation as an effective tool for enhancing medical students' comprehension of gross anatomy. Ottawa Conference Proceedings, in press.
45. Burkel, W., W. Castelli, G. Cortright, T. Fischer, D.L. Fisher, T.R. Gest, S. Kim, and A. Raoof: Reducing lectures to promote active learning of medical gross anatomy. Ottawa Conference Proceedings, in press.
46. Sauders, N., M. Roubidoux, T.R. Gest, and W.E. Burkel: Incorporation of radiology into the medical gross anatomy web site. Assoc. of Univ. Radiologists Proceedings, 2000.
47. Gest, T.R. and W.E. Burkel, G. Cortright, J. Curkendall, G. Durka-Pelok, N. Elkin: Delivery of web-based dissection videos. Clinical Anatomy 14(6): 456.
48. Burkel, W.E. and W. Castelli, G. Cortright, G. Durka-Pelok, D.L. Fisher, T.R. Gest, S-K Kim, A. Raoof, T. Stein: Addition of clinical relevance to a first year medical gross anatomy course. Clinical Anatomy 14(6): 454.
49. Burkel, W.E. and W. Castelli, G. Cortright, D.L. Fisher, T.R. Gest, S-K Kim, A. Raoof, T. Stein: Longitudinal study of the effects of decrease in lecture length in a medical gross anatomy course. Clinical Anatomy 14(6): 454.
50. Raoof, A. and T.R. Gest, W.E. Burkel, T. Stein: Peer presentation/evaluation technique during gross anatomy labs: New measures for enhancing its effectiveness. Clinical Anatomy 14(6): 462-3.
51. Gest, T. and S. Anilesh, P. Balcena, E. Batts, J. Bess, W. Burkel, W. Castelli, D. Cooper, G. Cortright, J. Curkendall, S. Devaney, G. Durka-Pelok, B. Egeland, N. Elkin, D. Fisher, S. Gonzalez, O. Hanshaw, D. Kay, S. Kim A. Raoof, M. Roubidoux, N. Saunders, J. Smith, D. Somand, D. Spearman, T. Stein, C. Vemuri, J. Walter: When less is more: Reducing lectures to promote active learning. Clinical Anatomy 15(6):423, 2002.
51. Gest, T. and S. Anilesh, P. Balcena, E. Batts, J. Bess, W. Burkel, W. Castelli, D. Cooper, G. Cortright, J. Curkendall, S. Devaney, G. Durka-Pelok, B. Egeland, N. Elkin, D. Fisher, S. Gonzalez, O. Hanshaw, D. Kay, S. Kim A. Raoof, M. Roubidoux, N. Saunders, J. Smith, D. Somand, D. Spearman, T. Stein, C. Vemuri, J. Walter: Web-based learning materials that students actually use. Clinical Anatomy 15(6):423-4, 2002.
52. Anilesh, S. and W. Burkel, G. Durka-Pelok, T. Gest, D. Kay, A. Raoof,: The cadaver as the first patient: Providing cadaver medical histories to students will enhance clinical relevance of anatomy and contribute positively to student learning of medicine. Clinical Anatomy 15(6):420, 2002.
53. Burkel, W. and T. Gest, P. Balcena, G. Cortright, J. Curkendall, G. Durka-Pelok, N. Elkin, S. Kim, J. Smith, D. Somand, T. Stein, J. Walter: Web-based dissection videos. Clinical Anatomy 15(6):421, 2002.
54. Stein, T. and C. Stalberg, T. Gest, W. Burkel: Fourth year gross anatomy electives: Clinically relevant courses for clinically prepared students. Clinical Anatomy 15(6):433, 2002.
55. Anilesh, S. and W. Burkel, G. Durka-Pelok, T. Gest, D. Kay, A. Raoof: The cadaver as the first patient: The cadaver medical histories project. RIME Conference Proceedings, 2002:26.
56. Gest, T. and S. Anilesh, P. Balcena, E. Batts, J. Bess, W. Burkel, W. Castelli, D. Cooper, G. Cortright, J. Curkendall, S. Devaney, G. Durka-Pelok, B. Egeland, N. Elkin, D. Fisher, S. Gonzalez, O. Hanshaw, D. Kay, S. Kim A. Raoof, M. Roubidoux, N. Saunders, J. Smith, D. Somand, D. Spearman, T. Stein, C. Vemuri, J. Walter: An active learning success story: Record levels of student performance and course evaluations following reduction of lecture length. RIME Conference Proceedings 2002:26.
57. Gest, T. and S. Anilesh, D. Aronson, P. Balcena, E. Batts, J. Bess, W. Burkel, W. Castelli, D. Cooper, G. Cortright, J. Curkendall, S. Devaney, G. Durka-Pelok, B. Egeland, N. Elkin, D. Fisher, S. Gonzalez, J. Grimley, O. Hanshaw, A. Heaford, L. Heyns, A. Hryhorczuk, D. Kay, S. Kim, B. King, O. Mmaje, B. Narasimhan, J. Paauw, S. Park, A. Raoof, M. Roubidoux, J. Rytlewski, R. Sackeyfio, K. Salmeen, P. Saragosa, N. Saunders, J. Smith, D. Somand, D. Spearman, T. Stein, D. Turner, C. Vemuri, J. Walter, C. Woods: Lecture Lite: A strategy to encourage active learning. RIME Conference Proceedings, 2003: 29.
58. Gest, T. and S. Anilesh, W. Burkel, G. Durka-Pelok, D. Kay, A. Raoof: The cadaver as the first patient: The cadaver medical histories project. Proceedings of the 15th Annual Slice of Life Conference, in press.

59. Gest, T. and S. Anilesh, J. Blythe, W. Burkel, G. Durka-Pelok, D. Kay, A. Raoof, J. Rytlewski, P. Saragoza: The cadaver medical histories project: The cadaver as the first patient. FASEB 17(5) part II: A774, 2003.
60. Gest, T. Anatomy and histology of the gastrointestinal tract. FASEB 18(4) part I: A1, 2004.
61. Gest, T. and F. Lau, X. Cao, S. Park, W. Burkel: Development of web based learning modules for radiological anatomy. FASEB 18(4) part I: A19, 2004.
62. Gest, T. and D. Jamadar, L. Kuhns, W. Burkel: Musculoskeletal ultrasound as a learning tool in gross anatomy. Accepted for presentation at Experimental Biology 2005.
63. Lau, F. and M. Carron, T. Gest. Development of the omphalomesenteric artery in the mouse. Accepted for presentation at Experimental Biology 2005.
64. Gest, T., and D. Mueller, C. White, M. Bernier, and S. Gau: A web-accessible, secure database for an anatomical donations program. Accepted for presentation at Am. Assoc. Clin. Anat. 2005.
65. Gest, T., and W. Burkel, G. Cortright, G. Durka-Pelok, T. Stein, D. Aronson, T. Ekram, O. Mmeje, C. Roy, R. Sackyfio, K. Salmeen, D. Turner: Learning modules and games as substitutes for anatomy lectures. Accepted for presentation at Am. Assoc. Clin. Anat. 2005.
66. Gest, T., and W. Burkel, G. Cortright: A proposal for logical and consistent anatomical nomenclature for cutaneous nerves of the limbs. Accepted for presentation at Am. Assoc. Clin. Anat. 2005.
67. Poznanski, A. and T. Gest, D. Jamadar: An analysis of ultrasound training and usage in the United States and other countries. Accepted for presentation at Am. Assoc. Clin. Anat. 2005.
68. Saddawi-Konefka, D. and B.S. Bryner, T.R. Gest: The Impact of Interactive, Computerized Learning Modules on Different Aspects of Anatomical Education. Accepted for presentation at FASEB 2006.
69. Farnworth, M.V. and T.R. Gest, D.A. Jamadar: Ultrasound Evaluation of Arterial Flow In A Cadaveric Model at Specified Anatomical Locations. Accepted for presentation at FASEB 2006.
70. Mueller, D. A. and C. White, M. Bernier, S. Gau, T. R. Gest: Evolution of a database system for an anatomical donations program. Clinical Anatomy 21 (8): 828, 2010.
71. Gest, T. R. and K. O'Bryan: A web-based cadaver medical histories database used for collection of anatomical variation data. Clinical Anatomy 21 (8): 817, 2010.
72. Gest, T. R. and S. Hildebrandt: The pattern of the thoracic splanchnic nerves as they pass through the diaphragm. Clinical Anatomy 21 (8): 817-8, 2010.
73. Gest, T. R.: The effects of changes in teaching strategy and curriculum on student performance in gross anatomy. Clinical Anatomy 23 (4): 479, 2010.
74. Mueller, D. A. and M. Bernier, S. Gau, J. Wang, T. R. Gest: Automating requests for anatomical specimens. Clinical Anatomy 23 (4): 485, 2010.
75. Sawaya, Z. and T.R. Gest: The effect of dissection and peer teaching on student performance in medical gross anatomy. Clinical Anatomy 23 (4): 489, 2010.
76. Gest, T. R.: The University of Michigan gross anatomy web site: A decade of experience. Clinical Anatomy 23 (4): 479-480, 2010.
77. Gest, T. R. and W. Francois: Clinical cases based on body donors as a method to enhance radiology education and clinical relevance for gross anatomy. Presented at FASEB 2010.
78. Gest, T. R. and W. Francois, M. Bohl: Teaching cross-sectional anatomy and radiology with clinical cases based on CT scans of body donors. Presented at AACA 2010.
79. Bohl, M., and T.R. Gest: Resident perceptions of anatomy education: A survey of medical school alumni from two different anatomy curricula and multiple medical specialties. Presented at AACA 2010.

PUBLISHED SOFTWARE, WEB SITES, AND ANCILLARIES:

1. Gest, T.R., and W.E. Burkel, N.A. Waanders: Review Questions for Gross Anatomy & Embryology. Ed-u-Care Ware, Martinez, GA. 1990.
2. Gest, T.R.: The Anatomy Project: The Eye. HyperCard Software. Ed-u-Care Ware, Martinez, GA, and Scholastech Interactive TeleVision, London. 1990.
3. Gest, T.R.: The Anatomy Project: The Hand. HyperCard Software. Ed-u-Care Ware, Martinez, GA, and Scholastech Interactive TeleVision, London. 1990.
4. Gest, T.R.: The Anatomy Project: Neuroanatomy I. HyperCard Software. Ed-u-Care Ware, Martinez, GA, and Scholastech Interactive TeleVision, London. 1991.

5. Gest. T.R.: The Anatomy Project: Neuroanatomy II. HyperCard Software. Ed-u-Care Ware, Martinez, GA, and Scholastech Interactive TeleVision, London. 1991.
6. Gest. T.R.: The Anatomy Project: Neuroanatomy III. HyperCard Software. Ed-u-Care Ware, Martinez, GA, and Scholastech Interactive TeleVision, London. 1991.
7. Gest. T.R.: The Anatomy Project: Introduction to Anatomy. HyperCard Software. Ed-u-Care Ware, Martinez, GA, and Scholastech Interactive TeleVision, London. 1992.
8. Gest. T.R.: The Anatomy Project: Neuroanatomy I. LinkWay Software. Ed-u-Care Ware, Martinez, GA, and Scholastech Interactive TeleVision, London. 1992.
9. Gest. T.R.: The Anatomy Project: The Heart, Mediastinum & Great Vessels. HyperCard Software. Ed-u-Care Ware, Maumelle, AR, and The Anatomy Project, London. 1994.
10. Gest. T.R.: The Anatomy Project: The Respiratory Tract. HyperCard Software. Ed-u-Care Ware, Maumelle, AR, and The Anatomy Project, London. 1994.
11. Hastings-Nield, D. and T.R. Gest: The Anatomy Project: The Heart, Mediastinum & Great Vessels. CD-ROM. Parthenon Pub., New York. 1997
12. Hastings-Nield, D. and T.R. Gest: The Anatomy Project: Neuroanatomy 1: The Forebrain. CD-ROM. Parthenon Pub., New York. 1997
13. Hastings-Nield, D. and T.R. Gest: The Anatomy Project: Neuroanatomy 2: The Midbrain and the Hindbrain. CD-ROM. Parthenon Pub., New York. 1997
14. Hastings-Nield, D. and T.R. Gest: The Anatomy Project: Neuroanatomy 3: The Spinal Cord, Meninges and Blood Supply. CD-ROM. Parthenon Pub., New York. 1997
15. Hastings-Nield, D. and T.R. Gest: The Anatomy Project: The Respiratory Tract. CD-ROM. Parthenon Pub., New York. 1997
16. Hastings-Nield, D. and T.R. Gest: The Anatomy Project: The Hand. CD-ROM for Macintosh/Windows. Parthenon Pub., New York. 1997
17. Hastings-Nield, D. and T.R. Gest: The Anatomy Project: Basic Human Anatomy. CD-ROM. Parthenon Pub., New York. 1997
18. Hastings-Nield, D. and T.R. Gest: The Anatomy Project: The Eye. CD-ROM. Parthenon Pub., New York. 1998
19. Hastings-Nield, D. and T.R. Gest: The Anatomy Project: The Abdominal Wall and the Back. CD-ROM. Parthenon Pub., New York. 1998
20. Gest. T.R. Medical Gross Anatomy at the University of Michigan Medical School (<http://anatomy.med.umich.edu>) 2000
21. Gest. T.R. Clemente's Anatomy Flash Cards. Lippincott Williams and Wilkins. 2008

INVITED PRESENTATIONS:

1. Colborn, G.L., G.J. Berlin, C.L. DiLorenzo, R.A. Rowe, T.A. Weidman, and T.R. Gest: Computer tutorials and interactive videodisc applications for instruction of medical gross anatomy. Northwest Regional Conf. on Information Technology in the Health Sciences. Portland, OR, 1989.
2. Gest, T.R.: Computer assisted instruction and interactive videodiscs for clinically oriented human gross anatomy. First Annual MacAdemia Southeast. Daytona Beach, FL, 1989.
3. Berlin, G.J., C.L. DiLorenzo, R.A. Rowe, and T.R. Gest: Computer assisted instruction applications in clinical anatomy. Fourth Annual Information Technology in the Health Sciences Conference, Memphis, TN, 1989.
4. Gest, T.R. and C.L. DiLorenzo: Interactive computer aided instruction in the medical curriculum. Fifth Annual Information Technology in the Health Sciences Conference. Memphis, 1990.
5. Gest, T.R.: Projects in computer aided instruction and interactive videodiscs at the Center for Clinical Anatomy. Am. Assoc. Thoracic Surgeons, Committee for Continuing Education in Thoracic Surgery. Chicago, IL, 1990.
6. Gest, T.R.: Workshop on interactive videodiscs in education. Pensacola Junior College and University of West Florida, Pensacola, FL, 1991.
7. Gest, T.R.: Interactive videodiscs in medical education. Symposium on Technologic Advances in Curriculum Delivery, University of South Carolina School of Medicine, Columbia, SC, 1991.
8. Gest, T.R. and P.W. Tank: UAMS Department of Anatomy Home Page. Group for Research in Pathology Education, Summer Meeting, Little Rock, AR, 1996.

9. Tank, P.W. and T.R. Gest: Using the internet to teach gross anatomy. Annual Meeting of Assoc. of Academic Health Centers, Palm Beach, FL, 1996.
10. Gest, T.R. and P.W. Tank: Computers in the gross anatomy lab accessing LAN, WWW, and internet. Slice of Life Annual Workshop, Chicago, IL, 1997.
11. Gest, T.R.: Desired educational content and goals for anatomy application. Virtual Head and Neck Anatomy Workshop, NIH, Bethesda, MD, 1998.
12. Gest, T.R. (invited panelist): 21st Century Anatomy: Fusion of the Basic Sciences. The Third Visible Human Project Conference, NIH, Bethesda, MD, 2000.
13. Gest, T.R.: An active learning success story: Record levels of student performance and course evaluations following reduction of lecture length and increased development and use of web-based learning materials. Midwest Medical And Dental School Learning Technologies Seminar. Chicago, 2002.
14. Gest, T.R.: The art of anatomy. Academic Technology Conference. The University of Oklahoma Health Sciences Center, 2003.
15. Gest, T.R.: Active learning strategies for gross anatomy. Ohio State University, 2003.
16. Gest, T.R.: The philosophy and practice of education for medical students. Univ. Michigan Learning in Retirement Distinguished Lecture Series, 2003.
17. Gest, T.R.: Pelvis & Perineum. Gross anatomy class for graduate nursing students, Uniformed Services Univ. Health Sciences, 2003.
18. Gest, T.R.: Gross anatomy and histology of the gastrointestinal tract. Invited presenter at the 1st Integrative Master Class, Am. Assoc. of Anatomists Annual Meetings, Washington, D.C., 2004
19. Gest, T.R. and W.E. Burkel: Designing review courses in surgical anatomy. Invited presenter at the Career Development Committee Symposium, Am. Assoc. of Clin. Anat. Annual Meetings, NY, NY, 2005
20. Gest, T.R. The LWW Atlas of Anatomy. Invited presenter at the Art of Anatomy Symposium, Am. Assoc. of Anatomists Annual Meetings, San Diego, CA, 2008
21. Gest, T.R. Active learning in medical education: It makes a difference. Invited speaker in the Distinguished Lecture Series of the Osher Lifelong Learning Institute, University of Michigan, Ann Arbor, MI, 48105

EDITORIAL AND SCIENTIFIC PUBLICATION ACTIVITIES:

- | | |
|--------|--|
| 1977 | Associate Editor, Physical Anthropology, <i>The Florida Journal of Anthropology</i> , Univ. FL., Gainesville, FL |
| 1985 | Review of articles for the <i>American Journal of Physical Anthropology</i> |
| 1987 | Review of articles for the <i>Cleft Palate Journal</i> |
| 1989 | Book review for <i>The New England Journal of Medicine</i> |
| 1990- | Review of articles for <i>Acta Anatomica</i> |
| 1993 | Invited Contributing Editor of <i>Embryology for Surgeons</i> . Gray & Skandalakis, 1993. |
| 1993-7 | Contributing Editor of <i>Arkansas Computer Bulletin</i> |
| 1993- | Member of Editorial Board, <i>The Anatomy Project</i> , London. |
| 1993 | Anatomical Editor, <i>A.D.A.M. Software</i> , version 2.3. |
| 1993- | Coordinating Editor of Review Questions Series, Parthenon Publishing. |
| 1993-5 | Member of Anatomical Review Board, A.D.A.M. Software, Atlanta, GA |
| 1995-6 | Member of Faculty Advisory Board, A.D.A.M. Software, Atlanta, GA |
| 1995-7 | Editor of <i>Journal of Medical Education Technologies</i> , Learning Technology Institute. |
| 1995 | Editor, <i>Review Questions for Human Histology</i> by E.R. Burns, Parthenon Publishing. |
| 1996 | Editor, <i>Review Questions for Human Anatomy</i> by P.W. Tank, Parthenon Publishing. |
| 1996 | Editor, <i>Review Questions for Neuroanatomy</i> by W.T. Mosenthal, Parthenon Publishing. |
| 2002- | Review of articles for <i>Medical Education Online</i> |
| 2002 | Review of Clemente's <i>Anatomy Atlas</i> and Clemente's <i>Anatomy Dissector</i> , Lippincott |
| 2003- | Review of articles for <i>Clinical Anatomy</i> |
| 2003 | Review of Snell's <i>Systemic Anatomy</i> , Lippincott |
| 2003 | Review of <i>Mechanics & Design in Musculoskeletal Systems</i> , Bartel, Keaveney, Davy, Prentice-Hall |
| 2003 | Review of <i>A Preview of Anatomy</i> , W. Hartwig, Lippincott |
| 2003 | Review of McMinn's <i>Colour Atlas of Human Anatomy</i> , Abrahams, Marks, Hutchings, Mosby |
| 2004 | General Reviewer, <i>Gray's Anatomy</i> , 39 th ed., Elsevier |
| 2004 | Editorial Review of <i>Anatomy</i> , Clemente, 5 th ed., Lippincott |

- 2005 Editorial Review of *Atlas of Human Anatomy*, Netter, 3rd ed., Elsevier
- 2005 Review of *Netter's Clinical Anatomy*, Hansen, Lambert, Elsevier
- 2005 Review of *Surface Anatomy*, Lumley, Churchill/Livingstone
- 2005 Review of *Clinical Anatomy by Systems*, Snell, Lippincott
- 2005 Review of *Dissection Guide for Human Anatomy*, Morton, Peterson, Albertine, Churchill/Livingstone
- 2005 Member, Editorial Board, Elsevier Integrated Series
- 2005 Member, Lippincott Anatomy Advisory Board
- 2005 Consulting Editor, *Atlas of Human Anatomy*, Netter, 4th ed., Elsevier
- 2007- Member, Editorial Board, *Clinical Anatomy*
- 2007- Co-Editor, *Clinical Anatomy*
- 2007- Review of articles for *Journal of Anatomy*
- 2007- Review of articles for *Anatomical Record*
- 2009- Review of articles for *Medical Teacher*
- 2009- Review of articles for *Anatomical Sciences Education*
- 2010- Chief Editor, *Medscape Anatomy*, *eMedicine by WebMD*

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Statement of Career Accomplishments, Goals, and Educational Philosophy
Thomas R. Gest, PhD
July, 2012

My primary interest is in innovative teaching methods for gross anatomy. I have taught gross anatomy at eight medical schools during my training and career, and consequently I have been exposed to a wide variety of teaching methods and styles. I used my teaching experience in directing the gross anatomy course at the University of Michigan Medical School for over a decade. During this period, the course reached the highest measures of success, with record levels of course and faculty evaluations as well as student performance, both on the course and on the Anatomy and Embryology component of NBME Step I.

My interest in innovative teaching methods stretches beyond gross anatomy. At the University of Arkansas for Medical Sciences, I served the school as the Director of Computer Assisted Instructional Development. I chaired the curriculum committee at a large medical school (Medical College of Georgia), which provided me insight into the broader vision of strategies, methods, and challenges in medical education. I have served as consultant for several medical schools on curriculum matters, and I am currently serving as Dean of Medical Education at a new medical school (St. Martinus, Curacao).

Early in my career, I was able to obtain extramural support for the establishment of an anatomical museum and a plastination laboratory (at University of South Carolina). This plastination lab was one of the first such labs in the United States, and shortly thereafter I joined the University of Michigan, with one of my duties being the establishment of a plastination laboratory there. Together with Dr. Roy Glover, who became the director of this pastination lab, we established one of the largest and most widely recognized plastination facilities in the U.S.

One focus of my work has been learning technology, beginning at the dawn of the personal computer and laserdiscs up to the present day use of web-based learning, streaming video, and all forms of synchronous and asynchronous online education. Together with Dr. Pat Tank, we established the first major installation of computers within a gross anatomy laboratory (at the University of Arkansas for Medical Sciences) as well as the largest web site for gross anatomy in the world at that time. Thereafter, I joined the University of Michigan again to accomplish similar goals. Shortly after rejoining Michigan, it became one of the only schools in the world with computers at every dissection table. I have continued web site development through the years at Michigan so that the Michigan anatomy web site (<http://anatomy.med.umich.edu>) is considered the most complete web sites for gross anatomy in the world. In my current role as director of gross anatomy at USF, I am in the process of establishing an anatomy web site to eclipse the site I built at Michigan. I have endeavored to enhance online anatomy offerings with easy access of resources, such as online access to two atlases (Netter and LWW), and innovative uses of technology, such as cadaver medical histories with full-body CT scans and donor-based clinical cases. I have been active in reporting the results of these educational research projects. By utilizing fifteen years of recorded grades, faculty evaluations, and course evaluations, I have been able to analyze the

effects of certain innovative teaching techniques, such as computer learning modules and reduced or eliminated lectures.

I served as Director of Anatomical Donations for the University of Michigan Medical School for over a decade. During this time, we instituted many innovations, such as a sophisticated database and barcoding system, that have made our program one of the leading such programs in the nation. Our annual memorial service, attended each year by nearly 1,000 people, has been used as a model for such services at other schools. I am currently the only member of the Anatomical Services Committee of the American Association of Clinical Anatomists from the southeastern US. This committee is delving into national guidelines and policies for willed body programs.

Throughout my career, I have been fortunate to receive a number of teaching awards from medical schools and medical students. During my five years at the University of Arkansas for Medical Sciences, I won five Golden Apple Awards, and in 2003, I received the ultimate teaching honor in the form of the University of Michigan Golden Apple Award, thereby becoming the first and only medical school faculty member to receive this university-wide award.

Other research interests on which I continue to publish articles include the study of anatomical variations, the development of vascular patterns using corrosion casting, anatomical terminology, and innovative teaching techniques in anatomy.

Over the years, I have been active in the American Association for Clinical Anatomists, and as Council Member these last four years, I given my time and energy to promote and facilitate the functions of the Association to benefit all of its members. As Co-Editor of our association's journal, *Clinical Anatomy*, I assist in efforts to extend the quality of this publication. As Chair of the Educational Affairs Committee, I strove to bring current educational issues into focus and discussion at our meetings and through the AACA web site and listserv during the year. I have served on the Anatomical Services and Clinical Anatomical Terminology Committees as well as several ad hoc committees.

A primary focus of my recent intellectual pursuits has been editorial work and textbook development. I am Co-Editor of *Clinical Anatomy*, and Chief Editor for anatomy for eMedicine, published by WebMD. I wrote several books prior to co-authoring the LWW Atlas of Anatomy with Dr. Pat Tank. Dr. Ben Pansky and I have completed two textbooks for anatomy, we are currently working on the third volume of a three volume set of textbooks for gross anatomy. I find textbook creation to be a stimulating and satisfying endeavor, and I currently have a number of projects in development.

My philosophy of education is to present students with opportunities for self-directed learning that have been developed to allow them to acquire knowledge on their own terms. My approach to teaching and learning shifts emphasis from a faculty-centric, lecture intensive environment to a student-centered learning environment in which students learn at their own pace and faculty support and facilitate their efforts. Because physicians must also be competent communicators and teachers with their patients, I have worked to encourage the development of these skills through peer teaching activities. For gross anatomy, I have emphasized learning through dissection, since the gross lab provides a perfect small group, problem-solving learning environment, as well as giving the proper environment for learning clinical relevance in an applicable context.

CURRICULUM VITAE

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Born: 1963 - Chicago, Illinois

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Daughter – Jessica Megan Goldin, born 1995
Son – Ryan Michael Goldin, born 1998

Undergraduate Education: Brandeis University, Jerusalem, Israel 1983

Kalamazoo College, Kalamazoo, Michigan
B.A. Chemistry 1985

Graduate Education: The University of Illinois at Chicago
Chicago, Illinois
Ph.D. in Biochemistry: 1993

Medical Education: Loyola University Stritch School of Medicine
Maywood, Illinois 1986 – 1988

The University of Illinois at Chicago
Chicago, Illinois
Doctor of Medicine: 1994

Licensure and Certification: 1995 - National Board of Medical Examiners
1996 - Maryland State Board of Medical Examiners
2001 - 2012 American Board of Surgery - Initial
2002 - State of Florida Medical License
2012 - 2022 American Board of Surgery – Recertification

CURRICULUM VITAE

STEVEN B. GOLDIN, MD, PhD, FACS

Post Graduate Training:

1994 – 2000 Resident in Surgery
The Johns Hopkins Hospital, Baltimore, Maryland

1999 – 2000 Chief Resident in Surgery
The Johns Hopkins Hospital, Baltimore, Maryland

1999 Registrar, The Johns Hopkins Exchange Program
Beaumont Hospital, Dublin, Ireland

2006 The Leadership Institute
University of South Florida Health Sciences Center

2011- Present MPH Degree and Graduate Certificates expected 2013
University of South Florida, College of Public Health, Tampa, FL
Graduate Certificates expected from the School of Public Health that will
be completed with MPH Degree:

1. Epidemiology Certificate
2. Biostatistics Certificate
3. Concepts and Tools of Epidemiology Certificate

Research and Fellowships:

1997 Postdoctoral Research Fellow
Laboratory of Scott Kern, M.D.
The Johns Hopkins Hospital
Baltimore, Maryland

2000 – 2001 Fellow in Surgical Oncology
Society of Surgical Oncology Integrated Fellowship Program
The Johns Hopkins Hospital
Baltimore, Maryland

2000 – 2001 Fellow in Advanced Gastrointestinal Surgery
The Johns Hopkins Hospital
Baltimore, Maryland

Academic Appointments:

1988–1992 Instructor in Biochemistry
The University of Illinois at Chicago
Department of Biochemistry
Chicago, Illinois

1988–1994 Research Staff Appointment
Argonne National Laboratory
Argonne, Illinois

CURRICULUM VITAE

STEVEN B. GOLDIN, MD, PhD, FACS

2000–2001 Instructor in Surgery
The Johns Hopkins University School of Medicine
Baltimore, Maryland

2001-2007 Assistant Professor of Surgery
The University of South Florida College of Medicine
Department of Surgery
Tampa, Florida

2007-Present Associate Professor of Surgery
The University of South Florida College of Medicine
Department of Surgery
Tampa, Florida

2008–Present Vice Chairman of Surgical Education
The University of South Florida College of Medicine
Department of Surgery
Tampa, Florida

2012-Present Chief, Section of Hepatobiliary and Pancreatic Surgery
The University of South Florida College of Medicine
Department of Surgery
Tampa, Florida

Administrative Appointments:

2002-Present Surgical Care Clerkship Director
The University of South Florida College of Medicine
Department of Surgery
Tampa, Florida

2002-2010 Director, MS IV Honors in Surgery Course
The University of South Florida College of Medicine
Department of Surgery
Tampa, Florida

2002-present Director MS IV Surgery Electives
The University of South Florida College of Medicine
Department of Surgery
Tampa, Florida

Volunteer:

1. 2006 - present Reviewer, Surgery Subject Examination. National Board of Medical Examiners
2. "Mentor-In-The-Wall" Halsted Residents, Johns Hopkins Department of Surgery

CURRICULUM VITAE

STEVEN B. GOLDIN, MD, PhD, FACS

3. 2001 – present Preceptor, White Coat Mini-Internship Program. Tampa General Hospital
4. 2006 "Great American Teach-In" Tampa Palms Elementary School, Tampa, FL.
5. 2006 Faculty, Clinical Performance & Oral Examinations in Surgery Course. Dartmouth Medical School. Department of Surgery
6. 2007 "Great American Teach-In" Tampa Palms Elementary School, Tampa, FL
7. 2007 "Great American Teach-In" Liberty Middle School, Tampa, FL
8. 2007 Faculty, Clinical Performance & Oral Examinations in Surgery Course. Dartmouth Medical School. Department of Surgery
9. 2008 "Great American Teach-In" Tampa Palms Elementary School, Tampa, FL
10. 2008 Faculty, Clinical Performance & Oral Examinations in Surgery Course. Dartmouth Medical School. Department of Surgery
11. 2008 - 2009 Thesis Committee Advisor. University of South Florida, College of Public Health
12. 2009 "Great American Teach-In" Tampa Palms Elementary School, Tampa, FL
13. 2009 Faculty, Clinical Performance & Oral Examinations in Surgery Course. Dartmouth Medical School. Department of Surgery
14. 2009 Faculty, Introduction to Clerkships. University of South Florida, Health Sciences Center
15. 2009 – 2010 Mentor for the USF McNair Scholars Program. University of South Florida
16. 2009 – 2010 Mentor for the Research and Scholarly Concentrations Program. University of South Florida, College of Medicine
17. 2010 Faculty, Clinical Performance & Oral Examinations in Surgery Course. Dartmouth Medical School. Department of Surgery
18. 2011 Faculty, Clinical Performance & Oral Examinations in Surgery Course. Dartmouth Medical School. Department of Surgery

CURRICULUM VITAE

STEVEN B. GOLDIN, MD, PhD, FACS

Educational Interests:

Medical student educational research, simulation, quality of life, emotional intelligence.

Clinical Interests:

Surgical oncology (special interest alimentary tract and pancreaticobiliary surgery). Research interest in tumor biology and clinical trials.

Honors and Awards:

1. 1991 - Alpha Omega Alpha Honor Medical Society. University of Illinois at Chicago
2. 1991 - Sigma Xi, The Scientific Research Society. University of Illinois at Chicago
3. 1991 - Sigma Xi Graduate Student Research Forum First Prize. University of Illinois at Chicago
4. 1992 - Sigma Xi Graduate Student Research Forum Honorable mention. University of Illinois at Chicago
5. 1992 - Medical Student Research Forum Third Prize. University of Illinois at Chicago
6. 2003 - Faculty Development Grant. Office of Curriculum & Medical Education, University of South Florida, Health Sciences Center
7. 2004 - Golden Star For Excellent Customer Service. James A. Haley Veterans Administration Hospital, Tampa, FL
8. 2005 – Tampa Bay Metro Magazine *Best Doctors in America*
9. 2006 – Tampa Bay Metro Magazine *Best Doctors in America*
10. 2006 - Bronze Leadership Award. University of South Florida, Health Sciences Center
11. 2007 – Tampa Bay Metro Magazine *Best Doctors in America*
12. 2007 – Silver Performance Award for Outstanding Contributions. University of South Florida, Health Sciences Center
13. 2008 – Tampa Bay Metro Magazine *Best Doctors in America*
14. 2009 – Tampa Bay Metro Magazine *Best Doctors in America*
15. 2010 – Consumers' Research Council of America. America's Top Surgeons

CURRICULUM VITAE

STEVEN B. GOLDIN, MD, PhD, FACS

16. 2010 – Commencement Faculty Marshall, University of South Florida, Health Sciences Center
17. 2010 – Tampa Bay Metro Magazine *Best Doctors in America*
18. 2010 – Tampa General Hospital – Press Ganey Patient Satisfaction Certificate of Appreciation
19. 2010 – Platinum Dean’s Recognition Award for Leadership in Education and Research/Scholarly Activity
20. 2010 – Tampa General Hospital – Press Ganey Patient Satisfaction Gold Award
21. 2010 – America’s Most Compassionate Doctors Award
22. 2010 - American Registry, Patient’s Choice Award
23. 2011 – Tampa Bay Metro Magazine *Best Doctors in America*
24. 2011 – National Consumers Survey, Florida: Most Recommended Physicians – as Chosen by Their Peers and Point Ranking
25. 2011 – Tampa General Hospital – Press Ganey Patient Satisfaction Certificate of Appreciation
26. 2011 – Tampa General Hospital – Press Ganey Patient Satisfaction Certificate of Appreciation
27. 2011 - American Registry, Patient’s Choice Award
28. 2011 - Patients’ Choice Compassionate Doctors Award
29. 2012 – Tampa Bay Metro Magazine *Best Doctors in America*
30. 2012 – American Registry, Patients’ Choice Award

Professional Societies:

1. Alpha Omega Alpha Honor Medical Society
2. American College of Surgeons
3. American Society of Clinical Oncology
4. Association for Academic Surgery
5. Association for Surgical Education
6. Association of VA Surgeons
7. Johns Hopkins Medical & Surgical Association

CURRICULUM VITAE

STEVEN B. GOLDIN, MD, PhD, FACS

8. Pancreas Club
9. Sigma Xi, The Scientific Research Society
10. Society of American Gastrointestinal and Endoscopic Surgeons (SAGES)
11. Southeastern Surgical Congress
12. Tampa Bay Surgical Society
13. The Society for Surgery of the Alimentary Tract
14. The Society of Surgical Oncology
15. The Society of University Surgeons

Committee Appointments:

1. 2002 - Present: Surgical Education Committee, Department of Surgery, University of South Florida Health Sciences Center
2. 2002 - Present: Clerkship Directors Committee, University of South Florida Health Sciences Center
3. 2002 - Present Academic Performance Review Committee, University of South Florida Health Sciences Center
4. 2002 – 2007 Surgical Suites Committee, Tampa General Hospital
5. 2003 - Chairman Project to Advance Clinical Education (PACES) Surgery Sub-Committee, University of South Florida Health Sciences Center
6. 2003 - Project to Advance Clinical Education (PACES) Committee, University of South Florida Health Sciences Center
7. 2003 - Content Review Committee for Anatomy & Physiology. University of South Florida Health Sciences Center
8. 2004 – 2011 Curriculum Committee, University of South Florida Health Sciences Center
9. 2003 – Present Medical Staff Services Peer Review. Tampa General Hospital, Tampa, FL
10. 2005 - 2010 Physician Benefits Committee. University of South Florida Health Sciences Center
11. 2005-Present Curriculum Committee. Association for Surgical Education
12. 2005-Present Surgery Clerkship Directors Committee. Association for Surgical Education
13. 2006 Faculty Member of USF Delegation. NBME Flexible Blueprint Exam Pilot Project. University

CURRICULUM VITAE

STEVEN B. GOLDIN, MD, PhD, FACS

of South Florida Health Sciences Center

14. 2006 – Present National Board of Medical Examiners, Surgery Subject Examination Reviewer
15. 2006-2008 Vice Chairman - Surgery Clerkship Directors Committee. Association for Surgical Education
16. 2008–2010 Chairman -Clerkship Directors Committee. Association for Surgical Education
17. 2008 – 2010 Board of Directors. Association for Surgical Education
18. 2008 - Present Associate Editor, Medical Student Community Editorial Board, American College of Surgeons Web Portal
19. 2008 – 2010 Education Committee. Association for Academic Surgery
20. 2009 – Present Steering Committee. Department of Surgery, University of South Florida Health Sciences Center
21. 2010 Director Fundamentals of Surgical Research Course. Association for Academic Surgery
22. 2010 Co-Chairman Education Committee. Association for Academic Surgery
23. 2011 – Present Vice Chairman -Curriculum Committee. Association for Surgical Education
24. 2011 – Present Tampa General Surgery Center Sub-Committee for Surgical Suites
25. 2011 – USFPG Nominating Committee
26. 2012 – 2014 Councilor AAS for Class Year 2002

Editorial Reviewer:

1. American College of Surgeons Web Portal. Medical Students Editorial Board. Associate Community Editor
2. American Society of Clinical Oncology
3. Annals of Surgery
4. Annals of Surgical Oncology
5. Gastroenterology

CURRICULUM VITAE

STEVEN B. GOLDIN, MD, PhD, FACS

6. Irish Journal of Medical Science
7. Journal of Surgical Research
8. Journal of the American College of Surgeons
9. MedEdPortal
10. Southern Medical Journal
11. The American Journal of Surgery

Research Support:

Principle Investigator

1. Enzon, Inc. - \$78,140. "An Evaluation of the Efficacy and Safety of PEG-Camptothecin in the Treatment of Locally Advanced and Metastatic Adenocarcinoma of the Pancreas"
2. Medtronic - "Humanitarian Device Exemption (HDE) H990014 Enterra™ Therapy Gastric Stimulation System for the Treatment of Patients with Chronic, Intractable Nausea and Vomiting From Gastroparesis of Diabetic or Idiopathic Origin"
3. MS4 Elective Laboratory in Surgery (Honors Surgery) – 2002
4. Qualitative Study of Medical Student Attitudes and Time Management in the Third Year Surgery Clerkship – 2003
5. Surgery Clerkship Study: Predictors for Medical Students Choosing a Surgery Residency – 2005.
6. Predicting Success in Medical Students – 2006
7. TYCO Healthcare/US Surgical/Valleylab - \$15,000. Unrestricted Educational Grant – 2006
8. Covidian - \$15,000. Unrestricted Educational Grant – 2007
9. Internal Medicine/Pediatrics Clerkship Study: Professionalism, Quality of Life and Career Choice in Medical Students – 2007
10. University of South Florida, Dean's Office - \$60,000. Emotional Intelligence in Medical Students – 2007

CURRICULUM VITAE

STEVEN B. GOLDIN, MD, PhD, FACS

11. Wyeth Pharmaceuticals - \$126,642. –A Multi-Center, Randomized, Double-Blind, Placebo-Controlled, Parallel-Group Study of Intravenous Methylnaltrexone (MOA-728) for the Treatment of Post Operative Ileus Following Ventral Hernia”.
12. Needs Assessment for Third-Year Surgical Clerkship National Curriculum – 2008
13. Covidian - \$60,000. Simulation Study: Contribution of Virtual Reality Simulation to Box Trainer Simulation In Novice Laparoscopists – 2009
14. A Multicenter, Randomized, Double-Blind, Placebo-Controlled, Parallel-Group, Phase 2 Evaluation of the Safety and Efficacy of Once-Daily Administrations of TZP-102 for the Treatment of Symptomatic Gastroparesis in Patients with Diabetes Mellitus – 2010
15. Helsinn Therapeutics (U.S.), Inc. Protocol: HT-IPAM-202 - \$17,000
A Phase II, Double-Blind, Placebo-Controlled, Dose Finding Study to Evaluate the Safety and Efficacy of Ipamorelin Compared to Placebo for the Recovery of Gastrointestinal Function in Patients Following Small or Large Bowel Resection with Primary Anastomosis 2011-Present
16. The Impact of Fundamentals of Laparoscopic Surgery Training on Surgical Skills in Subspecialties. Funded by USF GME Approximately \$2,500
17. General surgery Externships – 2012

Sub-Investigator

1. GenVec, Inc. - \$312,063. A Randomized, Phase II, Study of TNFerade™ Biologic with 5-FU and Radiation Therapy for First-Line Treatment of Unresectable Locally Advanced Pancreatic Cancer
2. Centocor, Inc. - \$122,435. A Phase II, Multi-Center, Randomized, Double-Blind, Placebo-Controlled Study Evaluating the Efficacy and Safety of Anti-TNFα Monoclonal Antibody (Infliximab) to Treat Cancer-Related Cachexia in Patients with Pancreatic Cancer
3. Exelixis, Inc.(XL119-001) - \$172,150. A Phase 3 Multicenter, Single-Blind, Randomized Study of XL119 versus 5-Fluorouracil (5-FU) plus Leucovorin (LV) in Subjects with Advanced Biliary Tumors Not Amenable to Conventional Surgery Protocol XL119-00
4. Sanofi-Synthelabo Research - 72,641.49. Phase II Trial of Oxaliplatin in Combination with Bolus/Infusional 5-FU/LV (FOLFOX4) in Patients with Advanced Gastro-intestinal (GI) Cancers with Varying Degrees of Renal Impairment
5. Taiho, Inc. - \$66,390. An Open-Label, Multicenter, Randomized, Phase 3 Study of S-1 in Combination with Cisplatin Compared Against 5-FU in Combination with Cisplatin in Patients with Advanced Gastric Cancer Previously Untreated with Chemotherapy for Advanced Disease

CURRICULUM VITAE

STEVEN B. GOLDIN, MD, PhD, FACS

6. Samyang Corporation - \$103,580. Phase II Clinical Trial of Genexol -®PM in Patients with Advanced Pancreatic Cancer
7. PTS International, Inc. A Phase 1 Open-Label, Dose Escalation Study of Para-toluenesulfonamide Injection (PTS) Administered Intratumorally and Locally to Patients with Solid Tumor
8. AstraZeneca - \$50,000. A Multicentre, Randomised, Double-Blind, Placebo-Controlled, Study on the Use of Prophylactic Meropenem Therapy in Subjects with Severe Acute Necrotizing Pancreatitis
9. Novartis Nutrition Corporation - \$50,000. A Randomised Double Blind Phase III Study Comparing Resource Support® to a Standard Nutritional Supplement in Patients with Advanced Pancreatic Cancer
10. Merck & Co., Inc.- \$88,569. A Prospective, Multicenter, Double-Blinded, Randomized, Comparative Study to Evaluate the Safety, Tolerability, and Efficacy of a Single Dose of Ertapenem Sodium (MK-0826) Versus Cefotetan for the Prophylaxis of Surgical Site Infection Following Elective Colorectal Surgery
11. Valley Lab - \$6500. LigaSure™ Vessel Sealing versus Sutures in Hemorrhoidectomy
12. GenVec - \$201,690. An Open –Label, Phase I, Dose-Escalation Study of Tumor Necrosis Factor-α (TNFerade™ Biologic) Gene Transfer with Radiation Therapy for Locally Advanced, Recurrent, Metastatic Solid Tumors
13. GenVec - \$105,315.99. A Phase II Multi-Center, Single Arm Evaluation of Preoperative Chemoradiation Plus TNFerade™ Biologic (Ad_{GV}EGR.TNF.11D) Prior To Esophagectomy for Locally Advanced Resectable Esophageal Cancer. Part II
14. National Cancer Institute of Canada/ OSI Pharmaceuticals - \$61,500. A Randomized Placebo Controlled Study of OSI-774 (Tarceva™) Plus gemcitabine In Patients with Locally Advanced, Unresectable or Metastatic Pancreatic Cancer (NCIC CTG PA.3)
15. Globe Immune, Inc Protocol GI -4000-02. \$180,000 A Phase 2 Double-Blind, Placebo Controlled, Multi-center Adjuvant Trial of the Efficacy, Immunogenicity, and Safety of GI-4000; an Inactivated Recombinant *Saccharomyces cerevisiae* Expressing Mutant Ras Protein Combined with a Gemcitabine Regimen Versus a Gemcitabine Regimen with Placebo, in Patients with Post-resection R0/R1 Pancreatic Cancer with Tumor Sequence Confirmation of Ras Mutations 2008-present
16. Perioperative and Postoperative Outcomes of Cholecystectomy Procedure in Pregnant Women – 2010
17. Durect, BESST, Protocol C803-025 - \$225,000 Bupivacaine Effectiveness and Safety in Saber™ Trial. A multi-center, randomized, double-blind, controlled trial evaluating the safety, efficacy, effectiveness, and pharmacokinetics of SABER-Bupivacaine 2010-2012
18. Does BMI Effect Perioperative and Postoperative Outcomes of Adrenalectomy - 2010

CURRICULUM VITAE

STEVEN B. GOLDIN, MD, PhD, FACS

19. New Links Genetics – 2012
20. Soft Tissue Ablation Registry - 2012
21. Pancreas Drain Study 2012
22. Phase I Safety and Pharmacokinetic Study of XRP6258 (Cabazitaxel) in Advanced Solid Tumor Patients with Varying Degrees of Hepatic Impairment – 2012

Peer-Reviewed Publications:

1. **Goldin SB**, Mazar A, Falco W, Ho Y-K. Functional role of oligomeric transducin. Invest. Ophthalmol. Visual Science 32: 1052, 1991.
2. Ho Y-K and **Goldin SB**. The role of tryptophan residues on the activation of transducin. Invest. Ophthalmol. Visual Sci: 34: 1360, 1993.
3. **Goldin, SB**. Physicochemical Studies of Bovine Transducin: Hydrodynamic and Fluorescent Properties. Ph.D. Dissertation. Graduate College, The University of Illinois at Chicago, 1993.
4. Gold EB, **Goldin SB**. Epidemiology of and risk factors for pancreatic cancer. Surg Oncol Clin N Am. 7(1): 67-91, 1998.
5. Zhou W, Sokoll LJ, Bruzek DJ, Zhang L, Velculescu VE, **Goldin SB**, Hruban RH, Kern SE, Hamilton SR, Chan DW, Vogelstein B, Kinzler KW. Identifying markers for pancreatic cancer by gene expression analysis. Cancer Epidemiology, Biomarkers and Prevention. 7:109-112, 1998.
6. House MG, **Goldin SB**, Chen H. Perforated Amyand's hernia. South Med J. 94(5): 496-498, 2001.
7. Bloomston M, Binitie O, Fraiji E, Murr M, Zervos E, **Goldin S**, Kudryk B, Zwiebel B, Black T, Fargher S, Rosemurgy A.S. Transcatheter Arterial Chemoembolization with or without Radiofrequency Ablation in the Management of Patients with Advanced Hepatic Malignancy. Am Surg. 68 (9): 827-831, 2002.
8. **Goldin SB**, Webb TH, Lillemoe KD. Leiomyosarcoma arising from the superior mesenteric vein. Surgery 132(1): 108-109, 2002.

CURRICULUM VITAE

STEVEN B. GOLDIN, MD, PhD, FACS

9. Fraiji E, Bloomston M, Carey L, Zervos E, **Goldin S**, Banasiak S, Wallace M, Rosemurgy AS: Laparoscopic Management of Symptomatic Achalasia Associated with an Epiphrenic Diverticulum. Surg Endosc 17(10): 1600-3, 2003.
10. Kelly ST, Bloomston M, Serafini F, Carey LC, Karl RC, Zervos E, **Goldin S**, Rosemurgy P, Rosemurgy AS. Cholangiocarcinoma: advocate an aggressive operative approach with adjuvant chemotherapy. Am Surg 70(9): 743-8: discussion 748-9, 2004.
11. Rosemurgy, AS. Arnaoutakis DJ. Thometz DP. Binitie O., Giarelli NB., Bloomston M., **Goldin SB**, Albrink MH. Reoperative funduplications are effective treatment for dysphasia and recurrent gastro esophageal reflux. Am Surg 70(12): 1061-7, 2004.
12. D'Alessio MJ, Rakita S, Bloomston M, Chambers CM, Zervos EE, **Goldin SB**, Poklepovic J, Boyce HW, Rosemurgy AS: Esophagography predicts favorable outcomes after laparoscopic Nissen fundoplication for patients with esophageal dysmotility. J Am Coll Surg 201(3): 335-42, 2005.
13. Zervos EE, Osborne D, **Goldin SB**, Villadolid DV, Thometz DP, Durkin A, Carey LC, Rosemurgy AS: Stage does not predict survival after resection of hilar cholangiocarcinomas promoting an aggressive operative approach. Am J Surg 190(5): 810-5, 2005.
14. Rakita S, Villadolid D, Thomas A, Bloomston M, Albrink M, **Goldin S**, Rosemurgy A: Laparoscopic Nissen fundoplication offers high patient satisfaction with relief of extraesophageal symptoms of gastroesophageal reflux disease. Am Surg 72(3): 207-12, 2006.
15. Zervos EE, Osborne D, Boe BA, Luzardo G, **Goldin SB**, Rosemurgy AS: Prognostic significance of new onset ascites in patients with pancreatic cancer World J Surg Oncol 4:16, 2006.
16. **Goldin SB**, Bradner MW, Zervos EE, Rosemurgy AS. Assessment of Pancreatic Neoplasms: Review of Biopsy Techniques. J Gastrointest Surg 11 (6): 783-790, 2007.
17. **Goldin SB**, Wahi MM, Wiegand LR, Carpenter HL, Borgman H, Nixon LL, Panetta NJ, Rosemurgy AS, Karl RC. Perspectives of Third-Year Medical Students toward Their Surgical Clerkship and a Surgical Career. J Surg Res 142(1): 7-12, 2007.
18. **Goldin SB**, Wahi MW, Farooq OS, Borgman HA, Carpenter HL, Wiegand LR, Nixon LL, Paidas C, Rosemurgy AS, Karl RC. Student Quality-of-Life Declines During Third-Year Clerkship. Journal of Surgical Research. J Surg Res 143 (1): 151-157, 2007.
19. **Goldin SB**, Osborne D, Paidas C, Wilsey M, Iannello J, Gilbert-Barness E, Karl R. Inflammatory myofibroblastic tumor of the mid-esophagus. Fetal & Ped Path. 26(5): 243-54, 2007.
20. **Goldin SB**. ASE PowerPoint Teaching Module. RUQ Pain/Acute Cholecystitis.
21. **Goldin SB**. ASE PowerPoint Teaching Module. Acute Pancreatitis.

CURRICULUM VITAE

STEVEN B. GOLDIN, MD, PhD, FACS

22. Stefanidis D and **Goldin SB**. ASE PowerPoint Teaching Module. Chest Pain (GERD).
23. Rosemurgy A, Cowgill S, Coe B, Thomas A, Al-Saadi S, **Goldin SB**, Zervos E. Frequency with which surgeons undertake pancreaticoduodenectomy continues to determine length of stay, hospital charges, and in-hospital morbidity. *J Gastrointest Surg*. 12(3): 442-9, March 2008.
24. Hernandez J, Cowgill SM, Al-Saadi S, Villadolid D, Ross S, Kraemer E, Shapiro M, Mullinax J, Cooper J, **Goldin SB**, Zervos E, Rosemurgy A. An aggressive approach to extrahepatic cholangiocarcinomas is warranted: Margin status does not impact survival after resection. *Ann Surg Oncol*. 15(3): 807-14, 2008.
25. **Goldin SB**, Aston J, Wahi MM. Sporadically occurring functional pancreatic endocrine tumors: review of recent literature. *Curr Opin Oncol* 20 (1): 25-33, Jan.2008.
26. Rosemurgy A, Luzardo G, Cooper J, Bowers C, Zervos E, Bloomston M, Al-Saadi S, Carroll R, Chheda H, Carey L, **Goldin SB**, Grundy S, Kudryk B, Zwiebel B, Black T, Briggs J, Chervenick P. 32P as an adjunct to standard therapy for locally advanced unresectable pancreatic cancer: a randomized trial *J Gastrointest Surg* 12(4): 682-8, April 2008.
27. Wahi, MM, Parks DV. Skeate RC, **Goldin SB**. Reducing errors from the electronic transcription of data collected on paper forms: a research data case study *Journal of the American Medical Informatics Assoc*. 15 (3): 386-9, 2008.
28. **Goldin SB**, M.L. Cannarozzi, ML, Wahi, MM. Arce M, A.S. Farooq AS, Farooq O, Shrock CE, Shah N, Nixon LL. Student Quality-Of-Life Declines Equally on Third-Year Surgical and Internal Medicine/Pediatrics Clerkships. *Journal of Surgical Research* 151(2), 285, 2009.
29. **Goldin, S**. Evidence-based analysis of the conclusion: what to do without a treatment algorithm *South Med J* 102:675-6, 2009.
30. Wahi, MM, Shah N, Schrock CE, Rosemurgy AS II, **Goldin SB**. Reproductive factors and risk of pancreatic cancer in women: a review of the literature. *Annals of Epidemiology*. 19 (2): 103-11, Feb 2009.
31. Brannick, MT, Wahi, MM, Arce, M, Johnson, HA, Nazian, S, **Goldin, SB**. Comparison of Trait and ability measures of emotional intelligence in medical students. *Medical Education* 43 (11), 1062-8, 2009.
32. Hernandez J, Morton C, Clark W, Mullinax J, Mathur A, Marcadis A, Babel N, Ross S, **Goldin S**, Rosemurgy A. Pancreaticoduodenectomy for Suspected Periapillary Cancers: The Mimes of Malignancy. *HPB*. 11: 229-234, 2009.
33. Wahi MM, Skeate RC, **Goldin SB**, Santana CA. A second case report of Ileuprolide acetate for depot suspension-induced mania. *CNS Spectrums*. Epub ahead of print. 2010.
34. Brannick MT, Wahi MM, **Goldin SB**. Psychometrics of Mayer-Salovey-Caruso Emotional Intelligence Test (MSCEIT) Scores. *Psychological Reports*, 109: 327-337, 2011.

CURRICULUM VITAE

STEVEN B. GOLDIN, MD, PhD, FACS

35. **Goldin S**, Mateka J, Schnaus M, Dahal S. Laparoscopic Drainage of a Hepatic Echinococcal Cyst: A Case Report. *Case Reports in Gastrointestinal Medicine*. 10: 1-6, 2011.
36. Faraj CH, **Goldin S**, Velanovich V. Surgical Management of Incidentally Identified Pancreatic Cystic Lesions. *Practical Gastroenterology. Diseases of the Pancreas, Series 1*. 14-25, 2011.
37. Rowland PA, Trus TL, Lang, NP, Henriques H, Reed WP Jr, Sadighi PJ, Sutton JE, Alseidi AA, Cahalane MJ, Gauvin JM, Pofahl WE, Sartorelli KH, **Goldin SB**, Greenburg AG. The certifying examination of the American Board of Surgery: The effect of improving communication and professional competency: Twenty-year results. *J Surg Educ*. 69: 118-125, 2012.
38. **Goldin SB**, Schnaus MJ, Horn G, Mateka J, DiGennaro J, Wahi M, Brannick MT. Surgical Interest and Surgical Match for Third-Year Students: Results of a Prospective Multivariate Longitudinal Cohort Study. *J Am Coll Surg*. Accepted for publication – in press.

Non-Peer-Reviewed Publications:

1. **Goldin SB**. Book Review: Atlas of Laparoscopic Surgery, Philadelphia PA: Lippincott Williams & Wilkins, 2000. *Surgical Laparoscopy Endoscopy* 11, 66, 2001.
2. **Goldin SB** and Wahi, MM. Emotional Intelligence-Building a Better Doctor. *Focus on Surgical Education*. Winter, 24(1), 28-29, 2007.
3. **Goldin SB**. Goldin Reflections: A Clerkship Director's Response. *The Bulletin*. Winter, 1, 7-8, 2007.
4. **Goldin SB**. Commentary: Bimodal response: electric tissue ablation—long-term studies of morbidity and pathological change *Journal of Surgical Research*. 149, 1-2, 2008.
5. Wahi MM and **Goldin SB**. What's In A Name? Measuring an Undefined Phenomenon in Medical Students. *Focus on Surgical Education*. Summer, 25(3), 2008.
6. **Goldin SB**. American College of Surgeons Web Portal. Medical Students Special Commentary. *Money and the Changing Culture of Medicine*. 2008.
7. **Goldin SB**. Commentary: Evidence-based analysis of the conclusion: what to do without a treatment algorithm. *South Med J*. 102, 675-6, 2009.
8. **Goldin SB** and Wahi MM. Response to letter "Quality of Life is not Quality of Clerkship" *J Surg Res*. 160, 64-66, 2010.
9. **Goldin SB**. Commentary: The dying field of General Surgery: When do we intervene? Why residents choose to specialize in fields outside surgery. *J Surg Res*. 159, 487-488, 2010.

CURRICULUM VITAE

STEVEN B. GOLDIN, MD, PhD, FACS

10. **Goldin, SB.** Commentary: The ultrastructural differences in rectus sheath of hernia patients and healthy controls. J Surg Res. 169, 190-191, 2011.

Textbooks:

Pocket Advisor - Pocket Surgical Oncology. Author(s): **Steven B. Goldin, MD** and Emmanuel Zervos, MD (both of H. Lee Moffitt Cancer Center, University of South Florida, Tampa.
 Publisher: PocketMedicine.com. Please see
<http://www.skyscape.com/estore/productdetail.aspx?productid=2091> for details.

Book Chapters:

1. Ting TD, **Goldin SB** and Ho YK: Purification and Characterization of Bovine Transducin and Its Subunits. In: Methods of Neurosciences, 1993.
2. **Goldin SB** and Choti MA: Apocrine Carcinoma. In: Miller SJ and Maloney ME (eds.): Cutaneous Oncology: Pathophysiology, Diagnosis and Management, 1st edition. Malden, MA: Blackwell Science, Inc., 1998.
3. **Goldin SB**, Harmon JW, Kaufman HS: Colon Cancer. In: Gordon TA and Cameron JL (eds): Evidence Based Surgery, Hamilton, Ontario BC Decker, Inc, 2000.
4. **Goldin SB** and Carey L: Pancreas Divisum. In: Cameron JL (eds.): Current Surgical Therapy, 8th edition. Philadelphia, PA: Mosby, pp 470-476, 2004.
5. Sharp KW, **Goldin SB** and Lomis KD: Pancreas. In: Lawrence P, Bell R, Dayton R and Ahmed M (eds): Essentials of General Surgery, 4th edition. Philadelphia PA: Lippincott Williams & Wilkins, pp 353-366, 2005.
6. **Goldin SB** and Rosemurgy AS. Anatomy and Physiology of the Mesenteric Circulation. In: Yeo C, Dempsey D, Klein A, Pemberton J, Peters J (eds) Shackelford's Surgery of the Alimentary Tract, 6th edition. Philadelphia PA: Saunders, pp 1234-1246, 2007.
7. **Goldin SB** and Cameron JC: Pancreatic Cancer In: Goldin SB and Zervos EE (eds.): Pocket Surgical Oncology. PocketMedicine.com, Inc. New York.
8. Sung J, Dessureault S, **Goldin SB** and Balch CM: Melanoma In: Goldin SB and Zervos EE (eds.): Pocket Surgical Oncology. PocketMedicine.com, Inc. New York.
9. Wahi MM and **Goldin SB**. The Surgical Third-Year Clerkship's Influence on Knowledge and Attitudes of Future Physicians. In: Robert V. Nata Progress in Education Vol. 18 Nova Science Publishers, Inc. pp 325-337, 2010.
10. **Goldin SB**. Surgical Education Research – Getting Started. In: Chen H and Kao L. Success in Academic Surgery, Part 1. 1st Edition. Springer-Verlag, London, pp 111-129, 2012.

CURRICULUM VITAE

STEVEN B. GOLDIN, MD, PhD, FACS

11. Ziegler KR, **Goldin SB**. Colon, Rectum and Anus. In: Dardik A, Gaunt M. Outpatient Surgery: Clinical Decision Making and Board Review. Radcliffe Publishers, Inc. London, pp 220-270, 2012.
12. **Goldin SB**, Parikh A, Avgerinos A, Shabahang M: Pancreas. In: Lawrence P, Bell R, Dayton R and Ahmed M: Essentials of General Surgery, 5th edition. Philadelphia PA: Lippincott Williams & Wilkins. pp 344-366, 2013.
13. Heithaus E. and **Goldin SB**. Pancreas Divisum and Other Variants of Dominant Dorsal Duct Anatomy. In: Cameron J, Cameron A. Current Surgical Therapy. 11th edition. Elsevier Publishers, Philadelphia. Accepted for publication.
14. Vellanki M, Horn GT, Goldin SB. Getting Promoted as a Surgical Educator. In: Sippel R and Pugh C. Success in Academic Surgery, Part 2. 1st Edition. Springer-Verlag, London, pp XXX-XXX. (Submitted).

Movie Presentations & Exhibits:

1. **Goldin SB**, Thometz D, Albrink M, Panetta N, Rosemurgy A. Laparoscopic Echinococcal Cyst Excision. American College of Surgeons Video Based Education, Chicago, 2005.
2. **Goldin SB** and Schnaus MJ. Laparoscopic Single-Site (LESS) Placement of an Enterra Gastric Electric Stimulator. SAGES TV Video Library
<http://www.sages.org/video/details.php?id=103194>, 2012.

Abstract/Poster Presentations:

1. Henderson TO, Myers TC, Meneses P, **Goldin SB**. Biochemical approaches to the control of snail-transmitted trematode diseases. The University of Illinois Tropical Disease Symposium. University of Illinois at Chicago, Chicago, IL, 1985.
2. **Goldin SB**, Mazar A, Falco W, Ho Y-K. Functional role of oligomeric transducin. Invest. Ophthalmol. Visual Sci. 32, 1052, 1991.
3. Chen S, **Goldin SB**, Stevens FJ, Shen BW. Elasticity of human erythrocyte spectrin inferred from electron microscopic and conformational analysis. Gordon Research Conference, Plymouth State College, New London, NH, 1991.

CURRICULUM VITAE

STEVEN B. GOLDIN, MD, PhD, FACS

4. Ho, Y-K and **Goldin SB**. The role of tryptophan residues on the activation of transducin. Invest. Ophthalmol. Visual Sci. 34, 1360, 1993.
5. **Goldin SB** and Ho Y-K. The Origin of Allosteric Binding of Transducin to Rhodopsin. The Association of Research in Vision and Ophthalmology, 2002.
6. Bloomston M, Binitie O, Fraiji E, Murr M, Zervos E, **Goldin SB**, Kudryk B, Zwiebel B, Black T, Rosemurgy A. Radiofrequency ablation with TACE improves survival for primary and metastatic hepatic malignancies. SESC, Nashville, Tennessee, 2002.
7. Bloomston M, Fraiji E, Murr M, Zervos E, **Goldin SB**, Rosemurgy A. Radiofrequency ablation with TACE treatment of primary and metastatic hepatic malignancies. USF Research Day, Tampa, Florida, 2002.
8. Fraiji E, Chambers C, Zervos E, Bloomston M, **Goldin SB**, Wallace M, Rosemurgy AS. Esophageal dysmotility and gastroesophageal reflux disease: Upper GI can predict favorable outcome after laparoscopic Nissen fundoplication. Society for Surgery of the Alimentary Tract, San Francisco, California, 2002.
9. Shalhub S, Arnaoutakis D, Haines K, Bloomston M, Murr MM, **Goldin SB**, Zervos E, Rosemurgy A. Obesity is not a contradiction to laparoscopic Nissen fundoplication. SESC, Savannah, Georgia, 2003. (Superior Presentation Award).
10. **Goldin SB**, Wahi MM, Borgman HA, Nixon LL, Panetta NJ, Rosemurgy AS, Karl RC. Medical Student Quality of Life: Reported Lifestyle on Required Surgery Rotation. USF Research Day, Tampa, Florida, 2005.
11. **Goldin SB**, Wahi MM, Borgman HA, Nixon LL, Panetta NJ, Rosemurgy AS, Karl RC. Medical Student Quality of Life: Reported Lifestyle on Required Surgery Rotation. American College of Surgeons Clinical Congress, San Francisco, California, 2005.
12. Wiegand L, Wahi M, Borgman H, Nixon L, Carpenter H, Rosemurgy A, Karl R, **Goldin SB**. Longitudinal study design addresses predictors of medical student choice of surgical residency, USF Research Day, Tampa, Florida, 2006.
13. **Goldin SB**, Wahi MM, Wiegand LR, Carpenter HL, Borgman HA, Nixon LL, Panetta NJ, Rosemurgy AS, Karl RC. Perspectives of third-year medical students toward their surgical clerkship and a surgical career. The Academic Surgical Congress, San Diego, California, 2006.
14. Rosemurgy AS, Arnaoutakis DJ, Molloy DL, Thomas A, Rakita S, **Goldin SB**, Albrink MH. Results after fundoplication for GERD: Does age matter? Presented at Southeastern Surgical Congress Annual Meeting, 2006.
15. Rosemurgy A, Luzardo G, Cooper J, Zervos E, Bloomstom M, Al-Saadi S, Carroll R, Chheda H, Carey L, **Goldin SB**, Grundy S, Kudryk B, Zweibel B, Black T, Greenberg H, Chervenick P. Radioactive colloidal ³²P as an adjunct to standard therapy for locally advanced unresectable pancreatic cancer: a randomized trial. Presented at American Hepato-Pancreato-Biliary Association Annual Meeting, 2006.

CURRICULUM VITAE

STEVEN B. GOLDIN, MD, PhD, FACS

16. **Goldin SB**, Wahi, MM, Borgman HA, Carpenter HL, Wiegand LR, Nixon LL, Rosemurgy AS, Karl RC, Student quality of life decline during third-year surgical clerkship. Presented at Academic Surgical Congress, Phoenix, Arizona, 2007.
17. Cowgill S, Al-Saadi A, Villadolid D, Kraemer E, Shapiro M, Mullinax J, Cooper J, **Goldin SB**, Zervos E, Rosemurgy A. Aggressive approach to extrahepatic cholangiocarcinomas warranted because margin status and stage do not impact survival after resection. Presented at Society of Surgical Oncology Annual Meeting, Ann Surg Oncol. 14(Suppl 1): 97, 2007.
18. Ross S, Cowgill S, Gillman R, Kraemer E, Al-Saadi S, Thomas A, Villadolid D, Mullinax J, Albrink M, **Goldin SB**, Zervos E, Rosemurgy A. A single institutions large experience with laparoscopic funduplications for GERD. Presented at Association of VA Surgeons 31st Annual Meeting, 2007.
19. Wahi MM, Paidas C, Borgman HA, Carpenter HL, Wiegand LR, Nixon LL, Rosemurgy AS, Karl RC, **Goldin SB**. Medical students attitudes towards a surgical career before and after the third-year surgical clerkship. USF Research Day, Tampa, FL, 2007.
20. Rosemurgy AS, Cowgill SM, Al-Saadi S, Ross SB, Coe B, Thomas A, Cooper J, **Goldin SB**, Zervos EE. Frequency with which surgeons undertake pancreaticoduodenectomy continues to determine length of stay, hospital charges, and in-hospital mortality. Presented at Pancreas Club Poster Session, HPB. 9 (Suppl 1): 81, 2007.
21. **Goldin SB**, Osborne D, Rippel SW, Williams MF, Karl RC, Gilbert-Barness E, Paidas CN, Wilsey MJ. Inflammatory Myofibroblastic Tumor of the Mid-Esophagus. Presented at NASPGHAN Annual Meeting, 2007.
22. **Goldin SB**, Brannick MT, Wahi MM, Paidas C, Arce M, Cannarozzi ML, Johnson H, Nazian SJ. Medical students Have Emotional Intelligence Similar to General Population. Presented at Academic Surgical Congress, Huntington Beach, 2008.
23. Cowgill S, Murr M, Al-Saadi S, Boyle R, Villadolid D, **Goldin SB**, Carey L, Rosemurgy A. Surgeons can favorably influence career choices and goals for students interested in careers in medicine. Presented at Academic Surgical Congress, Huntington Beach, 2008.
24. **Goldin SB**, Wahi M, Brannick M, Schrock C, Farooq A, Arce M, Wiegand L, Carpenter H, Borgman H, Paidas C, Cannarozzi M, Nixon L. MS-12: A valid instrument for measuring medical student quality of life. Presented at Association for Surgical Education Annual Meeting, 2008.
25. Shah N, Wahi MM, Schrock C, Rosemary A, **Goldin SB**. Inconsistent Trends in the Relationship Between Hormonal/Reproductive Factors and Risk of Pancreatic Cancer in Women. Presented at American College of Surgeons Meeting, Oct. 2008.
26. Mullinax J, Al-Saadi S, Villadolid D, Vogt M, Cowgill S, **Goldin SB**, Rosemurgy A. Is Survival After Pancreatectomy For Adenocarcinoma Impacted By Performance Status? Ann. Surg Oncol. Vol 15(Suppl 2): 90 2008.

CURRICULUM VITAE

STEVEN B. GOLDIN, MD, PhD, FACS

27. Hernandez J, Villadolid D, Toomey P, Mullinax J, Clark C, Tomlinson L, **Goldin S**, Rosemurgy A. Survival After Pancreaticoduodenectomy is Not Improved by Extending Resections to Achieve Negative Margins. HPB. 10(Suppl 2): 54, 2008.
28. **Goldin SB**, Cannarozzi ML, Wahi MM, Arce M, Farooq A, Farooq O, Schrock CE, Shah N, Nixon L. Student Quality-of-Life Declines Equally on Third-Year Surgical and Internal Medicine/Pediatrics Clerkships. 4th Annual Academic Surgical Congress, Fort Myers, FL, Feb. 2009.
29. Hanna K and **Goldin S**. The Externship: A Step Towards Residency. Graduate School, USF McNair Scholars Program, Summer Research Institute Symposium, University of South Florida, Tampa, FL, June 2009.
30. DiGennaro J, **Goldin SB**, Wahi M, Arce M, Farooq A, Farooq O, Perry J, Schrock CE, Shah N, Nixon L. Predictors for Medical Students Matching in a Surgery Residency. 2nd Annual USF Graduate Student Research Symposium. October 8, 2009 Tampa, FL.
31. **Goldin SB**, Wahi MM, Arce M, Farooq A, Farooq O, Perry J, Schrock CE, Shah N, Nixon L. Medical Students Who Choose A Career in Surgery Do So Prior to Their Surgical Clerkship Experience. Presented at the American College of Surgeons 95th Annual Clinical Congress, Chicago, IL, Oct. 2009.
32. **Goldin SB**, Nesbit RR, Yang SC, Evangelista R, Wahi MM. Planning a North American Surgical Curriculum for the Third-year Medical Student Clerkship GEA Plenary Session Poster Abstract Presented at the Association of American Medical Colleges, Boston, MA, Nov. 9, 2009.
33. Williams JR, DiGennaro JP, Brannick MT, Paidas C, Shames M, Singh R, Downes K, Lomas H, Heithaus E, Molloy D, Donohue D, Groundland J and **Goldin SB**. Surgical Novice Response to Laparoscopic Surgery Training on Simulators Before and After Training. Academic Surgical Congress San Antonio, TX, Journal of Surgical Research, 158(2): 251, 2010.
34. Nazian SJ, Branick MT, **Goldin SB**. Emotional Intelligence and Performance in Medical School: A preliminary Analysis. Program of the International Association of Medical Science Educators, 14th Annual Meeting, p. 45, Tulane University, New Orleans, July 2010.
35. **Goldin SB**, DiGennaro JP, Wahi MM, Williams JR. Income Expectations Influence Medical Student Career Choice. Presented at the American College of Surgeons 96th Annual Clinical Congress, Washington, DC, Oct. 5, 2010.
36. Rowland P, Trus TL, Lang NP, Henriques HF, Reed WP, Sadighi PJ, Sutton JE, Alseidi AA, Cahalane MJ, Gauvin J, Pofahl WE, Sartorelli K, **Goldin SB**, Greenburg AG. The Certifying Examination of the American Board of Surgery: The Effect of Improving Communication and Professional Competency: Twenty-Year Results. Presented at the Association of Program Directors 11th Annual Surgical Education Week Meeting. Boston, MA, March 24, 2011.

CURRICULUM VITAE

STEVEN B. GOLDIN, MD, PhD, FACS

37. **Goldin S**, Lomas H, Heithaus RE, Molloy D, Williams JR, Donohue D, Groundland J, Schnaus M, Mateka JJ, Singh R, Brannick M. The Impact of a Fundamentals of Laparoscopic Surgery and Virtual Reality Training Program on Surgical Performance. Presented at SAGES. San Diego, CA March 7, 2012.
38. Schnaus M, Horn G, Brannick M, **Goldin SB**. Predicting Medical Student Surgical Career Choice: Uni- and Multi-variate Analysis of Career Choice Variables. USF Research Day, Tampa, Florida, 2011. Winner of the Morsani College of Medicine, Outstanding Poster, Med II Student Interdisciplinary Section.

Oral Presentations:

1. Beaumont Hospital, Dublin, Ireland. Surgical Grand Rounds-St. Patrick's Day, 03/18/99. Title: Pancreatic Necrosis
2. Royal College of Surgeons in Ireland Teaching Hospitals Surgical Grand Rounds. Dublin, Ireland, 04/28/99. Title: Complicated Pancreatitis
3. Johns Hopkins Hospital, Clinical Problems in Trauma Series, Baltimore, MD, 08/08/00. Title: Penetrating Neck Trauma
4. Johns Hopkins Hospital, Clinical Problems in Trauma Series, Baltimore, MD, 08/08/00. Title: Penetrating Neck Trauma
5. Johns Hopkins Hospital, Clinical Problems in Trauma Series. Baltimore, MD, 12/19/00. Title: Complex Thoracic Injuries
6. Johns Hopkins Bayview Medical Center, Baltimore, MD, 06/01/01. Title: Biliary Tract Surgery Antibiotic Selection
7. Lakeland Regional Surgical Grand Rounds, Lakeland, FL, 09/18/01. Title: Mesenteric Ischemia
8. American Society of Abdominal Surgeons, 26th Hepato-Biliary Symposium, Tampa, FL, 05/3/02
Title: Evaluation of the Jaundiced Patient
9. American College of Surgeons, Florida Chapter and Florida Surgical Society Joint Meeting, Sarasota, FL, 6/22/02. Title: Nonhepatic surgery in patients with liver disease
10. American Society of Abdominal Surgeons, 27th Hepatobiliary Symposium Tampa, FL, 11/2002
Title: Non-hepatic Surgery in Patients with Liver Disease
Title: Chronic Pancreatitis
Title: Surgical Approaches to Malignant Biliary Obstruction
Title: Hepatobiliary and Pancreatic Trauma
Title: Splenic Trauma

CURRICULUM VITAE

STEVEN B. GOLDIN, MD, PhD, FACS

15. American Society of Abdominal Surgeons, 29th Hepatobiliary Symposium, Tampa, FL, 11/08/04
Title: Chronic Surgical Management of Biliary Obstruction
16. Fawcett Memorial Hospital, Fall Medical Staff CME Conference, Boca Grande, FL, 11/10/07. Title:
Medical and Surgical Considerations in Cirrhotic Patients
17. Community Health Education Center, Tampa, FL, 01/11/08. Title: Understanding Pancreatic
Disease and Cancer
18. National Advocacy Center, Columbia, SC, 05/21/2008. Course: Medical Malpractice Seminar
19. American Society of Abdominal Surgeons, 47th Clinical Congress – Tampa, FL 03/21/2009
Title: Education in Medicine – Is there a crisis?
Title: Medical Co-Morbidity Evaluation Prior to Operation
Title: Gastroparesis – Is It GERD?
Title: Non- Hepatic Surgery in Patients with Liver Disease
23. Association for Surgical Education, Salt Lake City, Utah 4/27/2009. The Use of Simulation in
Medical Student Education – ASE Committees on Simulation, Clerkship Directors, Nurses and
Coordinators – Title: Curricular Design – Implementation of Simulation into the 4th Year Advanced
Surgical Clerkship
24. Association of Academic Surgery – Chicago, IL, 10/09/2009. 20th Annual Fundamentals of Surgical
Research Course. Title: Research in Surgical Education
25. American Society of Abdominal Surgeons, 32nd Hepatobiliary Symposium, Tampa, FL, 10/2009
Title: Non-Hepatic Surgery in Patients with Hepatic Impairment
Title: Acute Pancreatitis
Title: Chronic Pancreatitis
Title: Gallbladder Cancer
29. The 2009 Frederick A. Collier Surgical Society Meeting, Tampa, FL, 10/2009. Title: Research in
Surgical Education
30. Community Health Education Center, Tampa, FL, 11/20/09. Title: Understanding Pancreatic
Disease and Cancer
31. Community Health Education Center, Sun City Center, FL, 2008. Title: Understanding Pancreatic
Disease and Cancer
32. National Advocacy Center, Columbia, South Carolina, 12/4/2009
Course: Medical Malpractice Seminar
33. American Society of Abdominal Surgeons, 48th Clinical Congress, Tampa, FL 4/2010
Title: Peptic Ulcer Disease – Gastric/Duodenal Ulcers
Title: Gastric Cancer
Title: Esophageal Diseases/Disorders: Perforation and Bleeding
Title: Impacting Co-Morbidities of Patients – Age, Cirrhosis, Smoking

CURRICULUM VITAE

STEVEN B. GOLDIN, MD, PhD, FACS

34. Association of Academic Surgery – Washington, DC 10/01/2010. 21th Annual Fundamentals of Surgical Research Course. Title: Research in Surgical Education
35. Association of Academic Surgery – Washington, DC 10/01/2010. 21th Annual Fundamentals of Surgical Research Course. Moderator: Starting your research career session
36. American Society of Abdominal Surgeons, 33rd Hepatobiliary Symposium, Tampa, FL, 11/2010
 Title: Acute Pancreatitis
 Title: Chronic Pancreatitis
 Title: Who Will Be Your Surgeon?
37. University of South Florida, Pediatric Grand Rounds Integrating Research into Your Practice: Quality of Life in the Clerkship. 3/2012
38. Association of Surgical Education. Surgery Clerkship Directors and Coordinators Workshop. Troubleshooting the Clerkship. Educational Research: Getting Started. 3/2012

Invited Lectures/Visiting Professorships

1. Visiting Professorship University of Illinois at Chicago – MSTP Program. Title: Educational Research 10/14/09

Patent Disclosures:

1. Henderson TO, Kleps EA, Leyton V, **Goldin SB**. Method of producing a molluscicide from tomato plants. Patent disclosure 1985.

ALLAN L. GOLDMAN, M.D.
CURRICULUM VITAE
Page 1

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TELEPHONE NUMBERS: Work: (813) 974-3558
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EDUCATION:

University of Minnesota, 1961 - 1964, B.A., B.S.

University of Minnesota Medical School, 1964 - 1968, M.D.

POSTGRADUATE TRAINING

Internship: Straight Medicine, Wadsworth VA Hospital - UCLA, Los Angeles, California,
1968 - 1969

Residency: Internal Medicine, Brooke General Hospital, San Antonio, Texas, 1969 - 1970

Fellowship: Pulmonary Disease, Walter Reed Army Medical Center, Washington, D.C.,
1970 - 1972

LICENSURE:

State of Florida

CERTIFICATIONS:

Board Certified, American Board of Internal Medicine, October 1972

ALLAN L. GOLDMAN, M.D.
CURRICULUM VITAE
Page 2

Board Certified, American Board of Internal Medicine, Subspecialty Board of Pulmonary Disease, October 1972

Certificate of Added Qualifications, Critical Care Medicine, November 1987

MILITARY STATUS:

Honorable Discharge, June 1974, Major, Medical Corps

HONORS AND AWARDS:

Phi Beta Kappa
Alpha Omega Alpha
Listed in *Best Doctors of America*, *America's Top Doctors* and *Who's Who*
Consultant to Best Doctors

ACADEMIC APPOINTMENTS:

Clinical Instructor of Medicine, University of Texas at San Antonio, Texas County Hospital, 1970

Clinical Instructor of Medicine, Georgetown University School of Medicine, 1972 - 1974

Assistant Professor of Medicine, Chief, Pulmonary Disease Section, Department of Internal Medicine, University of South Florida, College of Medicine, June 1974 - July 1976

Associate Professor of Medicine, Director, Division of Pulmonary Disease, Department of Internal Medicine, University of South Florida College of Medicine, July 1976 - August 1981

Chief, Pulmonary Disease Section, Medical Service, James A. Haley Veterans Hospital, 1974 - 1979

Professor of Medicine, Director, Division of Pulmonary Disease, Department of Internal Medicine, University of South Florida College of Medicine, September 1981 - 1982

Professor of Medicine, Director, Division of Pulmonary and Critical Care Medicine, Department of Internal Medicine, University of South Florida, College of Medicine, 1982 - 1987

ALLAN L. GOLDMAN, M.D.
CURRICULUM VITAE
Page 3

Professor of Medicine, Director, Division of Pulmonary, Critical Care and Occupational Medicine, Department of Internal Medicine, University of South Florida College of Medicine, 1987 – 1997

Professor and Chairman, Department of Internal Medicine, 1994 - 2012

CURRENT TITLES:

Professor, Department of Internal Medicine, 1982 - Present

Professor, Department of Environmental and Occupational Health, College of Public Health, University of South Florida, 1987 - Present

Associate Dean, Graduate Medical Education, 2012 - Present

Associate Dean, Alumni Relations, 2012 - Present

Medical Director, PA Program, 2012 - Present

COMMITTEES AND ORGANIZATIONS:

1. National Program Committee, American Thoracic Society - American Lung Association, Scientific Assembly on Clinical Problems, 1975 - 1976
2. Medical Advisor, Respiratory Therapy Program, St. Petersburg Junior College, 1974-1979
3. Institutional Review Board (IRB), University of South Florida, 1974 - 1980; Chairman, 1980 - 1990
4. Chairman, Health Services Review Organization (HSRO), James A. Haley Veterans Hospital, Tampa, Florida, 1975 -1983
5. Hillsborough County Health Planning Commission, Task Force on Health Care of the Indigent, 1975 -1976
6. Chairman, Florida Lung Association Committee on Quality Care for Tuberculosis Patients (Advisory Committee to the State of Florida), 1975 - 1977

ALLAN L. GOLDMAN, M.D.

CURRICULUM VITAE

Page 4

7. Committee on Respiratory Disease Consultation Services, Florida Lung Association, Florida Regional Medical Program, 1974 - 1977; Chairman, 1977 - 1979
8. Florida Thoracic Society, Committee on Respiratory Services, 1975 - 1977. Chairman, Subcommittee on Legislation, 1976
9. Medical Advisory Committee, Florida Regional Medical Program Project #314 Rehabilitation of Patients with Chronic Obstructive Pulmonary Disease, 1974 - 1976
10. Florida Lung Association, Department of Health and Rehabilitative Services Medical Advisory Committee to Task Force on the Care of COPD Patient, 1976 - 1979
11. Director-at-Large, Florida Lung Association, 1976 - 1989
12. Secretary-Treasurer, Florida Thoracic Society, 1976 - 1977
13. Vice President, Florida Thoracic Society, 1977 -1978
14. Steering Committee, VA Pulmonary Physicians Association, 1977 - 1978
15. Program Committee, Hillsborough County Medical Association, 1977 - 1979
16. Pharmacology, Ph.D. Dissertation Committee, University of South Florida College of Medicine, 1976
17. Chairman, Program Committee, VA Pulmonary Physicians Association, 1977
18. President, VA Pulmonary Physicians Association, 1978 - 1979
19. President-Elect, Florida Thoracic Society, 1978 - 1979
20. President-Elect, Florida Chapter, American College of Chest Physicians, 1978 - 1979
21. Florida Lung Association Program and Budget Committee, 1978 - 1982
22. Quality Assurance Committee, University Community Hospital, 1978 - 1981, 1984 - 1986
23. Chairman, Florida Lung Association Committee on Adult Lung Disease, 1978 - 1980, 1985 - 1989

ALLAN L. GOLDMAN, M.D.

CURRICULUM VITAE

Page 5

24. Co-Chairman, Planning Committee, VA Cooperative Study on Outpatient Treatment of COPD, 1978
25. Chairman, University of South Florida College of Medicine, Biomedical Research Support Grant Committee, 1978 - 1985
26. President, Florida Thoracic Society, 1979 - 1980
27. President, Florida Chapter, American College of Chest Physicians, 1979 - 1980
28. VA Respiratory Diseases Central Office Advisory Committee, 1979 – 1982
29. Pulmonary Consultation Panel - Will Rogers Institute, 1979 - Present
30. Advisory Director, American Lung Association of Florida, 1979 - 1990
31. Chairman, Florida Lung Association Professional Education and Research Committee, 1980 - 1982, Member 1982 - 1998
32. Credentials and Nominating Committee Representative, Florida Region, American College of Physicians, 1980 - 1988
33. Steering Committee, Section on Environmental Health, American College of Chest Physicians, 1980 -1984, Secretary 1984 - 1985
34. University of South Florida College of Medicine Research Committee, 1980 - 1982
35. Steering Committee - Tri-State Consecutive Case Conference, 1981 - 1982; Chairman, 1982 - 1983
36. Medical Director, ICU and Chairman, ICU Committee, Tampa General Hospital, 1982- 1998
37. University of South Florida College of Medicine Space Committee, 1983 – 1985, 1997- 1998
38. Tampa General Hospital Monitoring and Infusion Pump Committees, 1983 - 1985
39. Subspecialty Pre-Reviewer, Accreditation Council for Graduate Medical Education, 1984-1999

ALLAN L. GOLDMAN, M.D.

CURRICULUM VITAE

Page 6

40. USF Cancer Hospital Development Planning Committee, 1984 - 1985
41. American Lung Association/American Thoracic Society Research Review Committee, 1984-1987
42. Chairman, USF Medical Clinics Code Committee, 1984 - 1988
43. Tampa General Hospital Practice Development Committee, 1985 - 1986
44. Chairman, ICU Committee, H. Lee Moffitt Cancer Center and Research Institute, 1985- 1988
45. Board of Directors, University Medical Service Association (UMSA), 1985 - 1988, 1989-1990, 1993 - Present
46. Chairman, Urology Search Committee, 1985 - 1987
47. Bylaws Committee, Tampa General Hospital, 1985 - 1995
48. Chairman, Referral Market Task Force, USF College of Medicine, 1987 - 1988
49. Chairman, Research Committee, H. Lee Moffitt Cancer Center and Research Institute, 1987 - 1989
50. Chairman, UMSA Investment Committee, 1987 - 1989; Finance Committee, 1989 - 1994
51. Chairman, UMSA Benefits Committee, 1987 - Present
52. ALAF Nominating Committee, 1987 - 1988
53. ALAF Governmental Affairs Committee, 1987 - 1988
54. H. Lee Moffitt Cancer Center and Research Institute, Public Affairs Committee, 1987-1988
55. American College of Chest Physicians Postgraduate Education Committee, 1987-1990
56. American College of Chest Physicians Bylaws Committee 1987-1989
57. American Thoracic Society Membership Committee, 1988 - 1990
58. USF Self-Study Committee C - Clinical Facilities, 1989

ALLAN L. GOLDMAN, M.D.

CURRICULUM VITAE

Page 7

59. USF - Suzhou Medical College Joint Working Group, 1988 - 1990
60. Chairman, Search Committee, Hugh Culverhouse Chair in Swallowing Disorders, 1989 - 1990
61. President, USF College of Medicine Faculty, 1990 - 1991
62. USF College of Medicine Executive Council, 1990 – 1991, 1994 - Present
63. Chairman, USF College of Medicine Dean Search Committee, 1990 - 1991
64. LCME Advisory Committee, USF College of Medicine 1990 - 1992
65. USF College of Medicine Appointment, Promotion and Tenure Committee - 1993 – 1996
66. ACGME Board of Appeals, Pulmonary Disease, 1994 - Present
67. USF College of Medicine Strategic Planning Work group 1995 - 1997
68. USF Area Health Education Center Advisory Committee, 1995 - 2005
69. University Community Hospital Emeritus Staff, 1996 – Present
70. USFPG Executive Committee 1997- 2003
71. Chairman, USF Graduate Medical Education Committee 1999 –
72. Chair LCME Committee of Educational Programs Leading to MD Degree 1999 –
73. Member USFCOM Space Committee 1999 – 2005
74. Chair Neurosurgical Search Committee 2000
75. HCMA Foundation Board 1999- Present
76. USFCOM Clinical Affiliates Advisory Board 2001 – 2003
77. Association of Professors of Medicine Education Committee 2004 – Present

ALLAN L. GOLDMAN, M.D.

CURRICULUM VITAE

Page 8

78. Advisory Panel, Green Ribbon Health 2006 –
79. Advisor, Tampa Bay RHIO 2006 –
80. Pfizer Health Solutions Consultant 2006 –
81. Member, Search Committee, Vice Dean of Education, College of Medicine
82. Chairman, Governing Body USF Dialysis Center, 1996 – 2009
83. Chairman, Governing Body USF Endoscopy and Surgery Center. 1997 – 2009

PROFESSIONAL MEMBERSHIPS:

Florida Thoracic Society

Fellow, American College of Physicians

Phi Delta Epsilon

Hillsborough County and Florida Medical Association

American Federation for Medical Research

Fellow, American College of Chest Physicians

Florida Chapter, American College of Chest Physicians

American Medical Association

Society of Critical Care Medicine

Association of Professors of Medicine

MISCELLANEOUS:

Consulting Editor, The Journal of the Florida Medical Association, 1979 - 1981

ALLAN L. GOLDMAN, M.D.

CURRICULUM VITAE

Page 9

Consultant Reviewer - JAMA

Consultant Reviewer - Chest

Book Reviewer, Archives of Internal Medicine

Consultant Reviewer, Archives of Internal Medicine

Consultant Reviewer, Journal of the American Medical Association

Book Reviewer, Critical Care Medicine

Editor, Problems in Pulmonary Disease, 1986 - 1988

Contributor, American Board of Internal Medicine Recertifying Examinations in Pulmonary Disease and Critical Care Medicine

Associate Editor, American Journal of Medicine

Consultant Reviewer, American Journal of Medicine

Principal Investigator, AHEC

Diabetes Clinical Consultant, Tampa Bay RHIO

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CURRICULUM VITAE TABLE OF CONTENTS

	PAGE NUMBER
Education	1
Professional Experience	1-2
Educational Experiences	3
Professional/Community Services	3-6
Professional Consulting	6-7
Professional Organizations	7
Professional Licensure	7
Certifications/Trainings	7-8
Publications	8-9
Awards and Honors	9
Professional Presentations	10-23
Research	24-26
Grants	26
Poster Presentations	26-27
Student-Mentored Posters	27-29

CURRICULUM VITAE

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EDUCATION

Florida A & M University, Tallahassee, Florida
 Doctor of Pharmacy (PHARM.D.), May 1992

B.J. Wilder Neurology Residency, Neuroscience Research Foundation of Florida, Gainesville, Florida
 Specialized training/research in neurology, epilepsy, developmental disabilities, pain management, psychopharmacology, drug information, pharmacokinetics, and geropsychiatry at Tacachale, Shands Hospital and the Veterans Administration Medical Center of Gainesville, Florida. June 1997

PROFESSIONAL EXPERIENCE

Chair and Professor, Department of Pharmacotherapeutics and Clinical Research, University of South Florida College of Pharmacy, Tampa, Florida

Administrative duties include, but are not limited to faculty recruitment, experiential program assistance, faculty development, departmental development, curriculum support, residency development & programmatic support. College Committees: Ex-Officio Member, USF College of Pharmacy Research Committee (2011-2012), Ex-Officio Member, Curriculum Committee (2011-present), Chair, Space Committee (2011-present), Member, Executive Committee (2011 to present, Member, Assessment Committee (2011-present)

Clinical Services: Pharmacy Consultant, USF Byrd Alzheimer Research Institute and Dementia C.A.R.E. Center; Dr. Amanda Smith, Medical Director

Teaching duties: Pharm. Skills Course (lecturer; fall 2011,2012), Pharmacotherapeutics of Geriatrics (course coordinator; spring 2013); Academic Elective Rotation for Pharmacy Residents (June 2011)
 April 4, 2011 to Present

Professor and Division Director of Pharmacy Practice, Florida A&M University College of Pharmacy, Tallahassee, FL

Primary duties include but are not limited to: faculty organization, evaluation, and recruitment; student placement at experiential sites, preceptor communications and instruction, comprehensive exam administration, curriculum support, Executive Committee involvement, and supportive management of indigent clinics.
 August 1, 2007 to April 1, 2011

Associate to Full Professor of Pharmacy Practice, Florida A & M University (FAMU), College of Pharmacy, Tallahassee, FL.

Experiential duties included serving as preceptor for General Medicine I (Neurology) Clinical Clerkship Rotation for Doctor of Pharmacy candidates of Florida A&M University College of Pharmacy (1997-1999), Psychiatry Elective Rotation (1999 to present), and Geropsychiatry Elective Rotation (2008 to present). Providing selected lectures in areas of clinical pharmacy and therapeutics to pharmacy students at FAMU including, but not limited to:

Other responsibilities include but are not limited to:

- provided clinical pharmacy services at the Tallahassee Neurology Clinic, P.A., Memory Disorder Clinic, Behavioral Health and the Neuroscience Center at Tallahassee Memorial Regional Medical Center (1997 to 2011)
- pharmacy consultant for Dr. Dejene Abebe (psychiatrist)(1997 to 2005)
- Residency coordinator for Florida A&M University College of Pharmacy/Apalachee Mental Health Pharmacy Residency Program (March 2009 to 2011)
- Residency preceptor for Tallahassee Memorial Healthcare Generalized Residency Program (2004 to 2011)

PROFESSIONAL EXPERIENCE CONT'D

- Residency preceptor for Tallahassee Veterans Administration Generalized Residency Program (2006 to 2011)
- Residency coordinator for Florida A&M University/Tallahassee Memorial NeuroScience Center Pharmacy Residency Program (2002-2003)

Didactic duties included coordinator of Patient Counseling Course (1998 to present), coordinator of Alternative Medicine Elective Course (2004 to present), Co-teacher for Professional Development I, II, & III, Co-Teacher for Pharmacotherapeutics (provided lectures on therapeutic applications of psychiatry and neurology), Co-teacher for Pharm Care I (provided lectures on therapeutic applications of psychiatry and neurology), Co-teacher for Prescription Analysis (provided lectures/labs on therapeutic applications of herbal medications), Co-teacher for Principles of Drug Applications (provide lectures/labs on therapeutic applications of psychiatry and neurology).

Associate to Full Professor of Pharmacy Practice, Florida A & M University (FAMU), College of Pharmacy, Tallahassee, FL.

Committee Involvement included Membership on Admissions (1997-2003), Curriculum Review Subcommittee (2008 to 2011), Library (2005 to 2011), Graduate Council (2007 to 2011), College and University Tenure and Promotion (2007 to 2011) , University Professional Development and Leave (1994 to 1995), University Professor Emeritus (2005 to present), Executive Council (2007 to 2011), Dental School Advisory Committee (2010 to 2011), and Continuing Education Committees (1996 to 2011).

-July 1, 1997 to 2006

Assistant Professor of Pharmacy Practice, Florida A&M University College of Pharmacy

Duties included providing clinical pharmacy services to Florida State Hospital. Primary duties included serving as preceptor for Psychiatry Clinical Clerkship Rotation for Doctor of Pharmacy candidates of Florida A&M University College of Pharmacy.

Other responsibilities included:

-accompanying physicians on rounds in the acute-care unit, preparing all necessary monthly and annual reports as required by FAMU/FSH agreement, providing written and oral consultations to clinical staff at FSH, providing drug information to FSH personnel, conducting therapeutic drug monitoring through the use of serum drug concentrations, pharmacokinetics, routine evaluation of patient's drug regimen and laboratory data, making recommendations on drug selection to physicians, monitoring laboratory data, dosages, and other treatment modalities associated with residents receiving Clozaril, participating in drug utilization reviews, coordinating clinical activities of pharmacy students at FSH in conjunction with the Ass. Director of Clinical Pharmacy for FSH and the Coordinator of Supervised Experience Program at FAMU, participating in Continuing Education Programs throughout the State of Florida sponsored by FAMU COPP, conducting clinical research as it pertains to individual areas of interest and responsibility, providing in-service education and continuing education programs for health-care professionals at FSH, publication of FSH newsletter, and committee involvement which included Pharmacy and Therapeutics Committee, Professional Clinical Staff, Nutrition Support Committee, Infection Control Committee, Neuroleptic Review Committee, Executive Credentials, Rules and By-Laws Committee (1994-1995), and Women's Health Committee.

-October 1992 - June 1996

Co-Owner, Personal Pharmacy Services

Pharmacy Consulting Business

August 2001 to present

Owner/Partner of Ms. T's Creations

Floral Design Business

-July 1994 to 2010

Florida A&M University School of Allied Health Sciences, Division of Respiratory Therapy

Adjunct Instructor for Medical Therapeutic Agents RET 4007

Teaching responsibilities included :

-providing lectures and exams for the understanding of the pharmacokinetics, dosage forms, administration routes, manufacturing, clinical use, calculation of doses, chemical structure, mechanism of action, and side effects of drugs used in respiratory therapy.

-January 1994- April 1994

EDUCATIONAL EXPERIENCE CONT'D

Registered Pharmacist (on-call), Eckerd Drug Company,
Tallahassee, Florida.
-August 1992 - 1996

Pharmacy Drug Clerk and Technician, Eckerd Drug Company,
Tallahassee, Florida.
-June 1988 - May 1991

Doctor of Pharmacy Clerkships, Florida A & M University
Veterans Administration Medical Center, Miami, Florida
in the areas of Geriatric Pharmacy Practice, Psycho-
pharmacology/Psychoanalysis and Psychotherapy and
Ambulatory Clinical Pharmacy. Florida A & M Univer-
sity/Jackson Memorial Hospital, Miami, Florida in the
areas of Internal Medicine, Pediatric Pharmacy
Practice and Oncology. Florida A & M University/
Critical Care America, Penbrooke Pines, Florida in the
areas of IV Additives and Administration, Home Infusion
Therapy, and Infectious Diseases.
-October 20, 1992- May 1993.

Doctor of Pharmacy Clerkship in Gastroenterology, Talla-
hassee Memorial Regional Medical Center, Tallahassee,
Florida. Drug therapy and patient care under the supervision
of Dr. Joseph L. Webster, Sr., M.D., P.A.
-March 1991 - April 1991.

Pharmacy Student Intern, Humana Biscayne Hospital, Penbrooke
Pines, Florida. Unit-dose packaging, pharmacy administration,
clinical pharmacy, inpatient and outpatient dispensing, nursing education, and IV
therapy.
-August 1991 - October 17, 1991.

PROFESSIONAL/COMMUNITY SERVICES

Assistant Coordinator of Florida A&M University College of Pharmacy Patient Counseling Competition (1994 to present)

Coordinator of Clozaril/Neuroleptic Review Clinic
Florida State Hospital (January 1993 to June 1996)

Board Member for the Alzheimer's Resource Center (January 1995-June1996, May 1998 to December 2006)
Tallahassee, Florida

Workshop on "Clinical Chart Reviews"
FAMU 1994 Graduating Class; April 25, 1994

Member of Professional Development Committee
Florida A&M University; Spring 1995

Workshop on "Sickle Cell Anemia in Black Females"
Sigma Gamma Rho Sorority; Florida State University; November 1994

Workshop on "Time Management"
Kappa Epsilon Fraternity, Florida A&M University, February 1995; Gadsden County Alumni Chapter of Delta

PROFESSIONAL/COMMUNITY SERVICES CONT'D

Sigma Theta Sorority Delta Teen Program ; October 1995

Workshop on "Stress Coping Strategies" Kappa Psi Psiettes ; Florida A&M University; February 1995, October 1995

Workshop on "Tips on Preparing and Delivering Winning Presentations"

Kappa Epsilon Fraternity

Florida A&M University; March 1995

Workshop on "Communication Skills for Pharmacists"

Florida A&M University College of Pharmacy and Pharmaceutical Sciences; April 27, 1995

Asst. Coordinator for the FAMU College of Pharmacy and Pharmaceutical Sciences Contemporary Treatment Trends for Alzheimer's and Parkinson's Disease Continuing Education Program; December 9-10, 1995

Symposium Chairwoman/Coordinator for FAMU College of Pharmacy and Pharmaceutical Sciences 20th Annual Clinical Pharmacy Symposium entitled "Patient Counseling in the 21st Century: A National Symposium on the Pharmacist's Pivotal Role"; February 23-25, 1996

Workshop on "How Your Pharmacist Can Help with Diabetes"

Tallahassee Memorial Hospital Diabetes Center; March 21, 1996

Workshop on "Establishing the Professional Presence"

Kappa Epsilon Fraternity; May 1996

Workshop on "Professional Practice Review"

Florida A&M University College of Pharmacy and Pharmaceutical Sciences, April 23, 1996

American Society of Health-System Pharmacists Paper Review Panel Member, January 1996 to present

Gamma Zeta Chapter Rho Chi Honor Society Advisor, September 1997 to Present

Member, FAMU College of Pharmacy Strategic Planning Committee, August 1997 to Present

Member, FAMU College of Pharmacy Curriculum Revision Committee, April 1997 to Present

Assistant Coordinator of FAMU College of Pharmacy Week Project, October 1997

Judge, Minority Biomedical Research Support Program, Student Research Forum; October 1997, November 1998

Breast Cancer Awareness Update

Delta Sigma Theta Sorority, Inc. Tallahassee Alumnae Chapter, October 15, 1997

Ombudsman Council Member, District 2, June 1998 to June 1999

Coordinator of Medication Management Groups, Tallahassee Memorial Healthcare Hospital Neuroscience Center, June 1998 to December 1998

Pharmacotherapy for Attention Deficit/Hyperactivity Disorder, Alliance for the Mentally Ill Mental Illness Awareness Month, Tallahassee, Florida, October 26, 1998

Editorial Consultant/Paper Reviewer for Florida Pharmacy Today Journal, April 1999 to present.

PROFESSIONAL/COMMUNITY SERVICES CONT'D

Substance Abuse Issues in Adolescence, Rah Middle School, Tallahassee, Florida; October 28, 1998

State of Florida Minority HIV/AIDS Task Force Member, August 1999 - 2001

“Meds and Memory Lecture”, Tallahassee Memorial Healthcare Memory Disorder Clinic Caregiver 101 Series, Tallahassee, October 14, 1999

Senior Brown Bag Day, Gadsden County Senior Center, Quincy, Florida, October 15, 1999

Brown Bag Day; Tallahassee Senior Center, Tallahassee, Florida, October 28, 1999, December 4, 2006

“Breast Cancer & African-Americans Workshop,” Alpha Xi Chapter of Kappa Epsilon Breast Cancer Awareness Campaign, Tallahassee, Florida, October 23, 1999, October 28, 1999

“Contemporary Management of Parkinson’s Disease”, Tallahassee Memorial Healthcare Parkinson’s Center Support Group, Tallahassee, Florida, June 8, 2000

“Workshop on Medication Administration for Assistant Living Facilities”, Orchard Meadows Assistant Living Facility; Monticello, Florida, June 9, 2000

“Contemporary Management of Memory Disorders”, Alzheimer’s Disease Initiative Training; Tallahassee, Florida, June 12, 2000

Reviewer for American Society for Health-Systems Pharmacists Ambulatory Care Clinical Skills Program: Anticoagulation Management Module. November 2000

Florida A&M University College of Pharmacy Faculty Senate Member, March-April 2001

Florida A&M University College of Pharmacy Executive Council Member, March 2001 to Present

Judge, Florida A&M University College of Pharmacy Clinical Skills Competition, Tallahassee, Florida; October 2003

Task Force Member of the Northwest Florida Regional Cancer Control Collaborative with the Florida Comprehensive Cancer Control Initiative, July 2001 to present

Member, Florida Coordinated School Health Program AIDS Advisory Council, August 2001 to Present

Member, French Town Outreach Center Board of Directors, Tallahassee, Florida, October 2003 to present

Member, Florida A&M University Faculty Research Advisory Committee Meeting, October 2003 to present

Member, Florida A&M University Search Committee for Selection of the Director for Community Development; October 2003 to present

Member, Florida A&M University College of Pharmacy Career Fair; Fall 2002 to present

Member, Florida A&M University College of Pharmacy Clinical Symposium Committee, 1996 (chair), 2000- 2004

Member, Minority Biomedical Student Research Symposium Committee; Fall 2000 to 2005

Pharmacy Consultant for H.E.R.G. Medical Mission December 2004; Guyana, South America

PROFESSIONAL/COMMUNITY SERVICES CONT'D

Member, Infrastructure Committee for Florida A&M University's Center for Community Health, Healthcare, Wellness, Training and Research

Florida State University Geriatric Education Consortia; March 2004 to present

Florida Statewide Quality Assurance Program Stakeholder Committee for Developmentally Disabled Medwaiver Program; February 2004 to present

Consultant, Agency for Healthcare Administration Dementia Medwaiver Program , March 2004 to present

Courtesy Faculty Appointment to Department of Medical Humanities and Social Sciences at Florida State Medical School; (March 2004 to present)

Johnnie L. Byrd Research Institute Board Member, Tampa, Florida, October 2006 to 2008

Member, College of Pharmacy Dean Search Committee, Florida A&M University, January 2006 to 2007

Member, Apalachee Mental Health Hospital FACT Team, September 2010 to April 2011

Member, Northside Mental Health FACT Team, June 2011 to present

Florida Pharmacy Association student poster abstract reviewer (2008 to present)

American Society of Health-Systems Pharmacy poster reviewer (July 2012 to present)

Historically Black Colleges and University grant reviewer (June 2012 to present)

USF Health Women's Health Research Advisory Board (September 2012 to present)

PROFESSIONAL CONSULTING

Metro Home Healthcare Agency; Metairie, Louisiana

Provided consultant pharmacy services that included the following:

-Establishment of clinical pharmacy files on patients selected for Joint Commission on Accreditation of Healthcare Organizations (JCAHO) survey, Establishment of literature files pertinent to medications and disease states commonly encountered by Metro Home Healthcare Agency, Provided clinical recommendations for patients cited for JCAHO survey regarding monitoring parameters, adverse drug reactions, side effects, goals of therapy, care plans, and other pharmacy intervention strategies, & Provided recommendations regarding compliance of delivery of pharmaceutical care in respect to ASHP Standards of Practice.-May 1995

Pharmacy Consultant

Tallahassee Memorial Healthcare

Neurology Clinic/Memory Disorder Clinic/Neuroscience Center

1401 Centerville Rd. Suite 300, Tallahassee, Florida, 32308

Responsibilities: Monitoring of concomitant medications, adverse reactions, drug interactions, appropriate dosing, and follow-up as per requirements of research protocols involving epilepsy, stroke, migraine, memory disorder and peripheral neuropathy. Responsible for reviewing drug regimens and counseling patients for the Memory Disorder Clinic and memory screenings, as well as providing patient and healthcare education regarding neurological disorders, psychiatric disorders, herbal medications, and medications in general. -July 1, 1997 – April 1, 2011

PROFESSIONAL CONSULTING CONT'D

Psychiatric Group of North Florida; 345 N. Magnolia Drive, Suite B-13 , Tallahassee, Florida 32301
Pharmacy Consultant

Responsibilities include: Monitoring of concomitant medications, adverse reactions, drug interactions, appropriate dosing, and follow-up as per requirements of research protocols involving Attention-Deficit Disorder, Depression, and other psychiatric disorders. -July 1, 1997 to 2005

Gladstone Group
Pharmacy Consultant
Responsibilities include disease-based management of patients with diabetes.
-September 1999- September 2000

Orchard Meadows Assistant Living Facility
Pharmacy Consultant
P.O. Box 1008, Monticello, Florida 32345

Responsibilities: Provide clinical recommendations for patients cited for JCAHO survey regarding monitoring parameters, adverse drug reactions, side effects, goals of therapy, care plans, and other pharmacy intervention strategies
-April 2000- 2002

Interactive Training Media, Inc.
Pharmacy Consultant
2625 Mitcham Drive, Tallahassee, Florida 32308
Responsibilities: Participated in the development of an interactive CD-ROM for the training of healthcare professionals.
-May 2000- 2002

Florida Pharmacy Association Medicaid Drug Utilization Program, 610 N. Adams Street, Tallahassee, Florida 32301
Pharmacy Consultant
Responsibilities include: Reviewing drug regimens from patients receiving benefits from Medicaid.
-March 2001 to Present

American Pharmacists Association Foundation Dementia Project for Pharmacists Advisory Board, May 2007 to May 2008.

American Society of Health-Systems Pharmacists Pharmacy Practice Council, August 2009 to April 2010

Department of Elder Affairs 701B Medication Management Assessment Review Project Council Member, June 2010 to October 2011

PROFESSIONAL ORGANIZATIONS

American Society of Hospital Pharmacists (1992 – present)
Florida Society of Hospital Pharmacists (1994 – 1999)
Florida Pharmacy Association (1992 – present)
Association of Black Health-Systems Pharmacists (1992 – 2002; Vice-Pres. Of Educational Affairs 1999- 2001)
Florida A&M University Big Bend Pharmacy Alumni Council (secretary 1992- 2000)
American Society of Consultant Pharmacists (1993- 1995)
Noble Lady Holmes #430, Order of the Eastern Star
Beta Kappa Chi Honor Society
White and Gold Honor Society
National Executive Treasurer FAMU Pharmacy Alumni Council (1994-1996)
Alpha Xi Chapter Kappa Epsilon Fraternity (Inducted December 1995; Advisor 1999- 2011)
National Pharmaceutical Association (1994 – 1996)
Gamma Zeta Chapter Rho Chi Honor Society (Inducted April 1996; Advisor 1997- 2005; Co-Advisor 2005 - 2011)

PROFESSIONAL ORGANIZATIONS CONT'D

Tallahassee Alumnae Chapter of Delta Sigma Theta Sorority (1997 to 2011)
 Tampa Alumnae Chapter of Delta Sigma Theta Sorority (2011 to present)
 College of Psychiatric and Neurologic Pharmacists (1998- present)
 National Executive Sergeant at Arms FAMU Pharmacy Alumni Council (1999- 2000)
 Florida A&M University Greek Advisory Council Co-Chair (July 2000- 2002)
 Phi Lambda Sigma Leadership Society (Charter Member, April 2001- Present)

LICENSURE

Florida Registered Pharmacist, License # PS27686, 1992 to present
 Florida Registered Consultant Pharmacist, License #PU4084, 1992 to present

CERTIFICATIONS/TRAININGS

Psychopharmacology Training, Tacachale Community of Excellence, Gainesville,
 Florida, September 1992- October 1992
 Tacachale Neuroscience Program Seizure Clinic Management Training, Gainesville, Florida.
 October 27-29, 1993
 Neuroscience Research Foundation of Florida, Inc. Seizure Clinic Training, Gainesville, Florida.
 June 3-5, 1996
 Cardiopulmonary Resuscitation and Emergency Cardiac
 Care, 1993-1995
 Advanced Cardiac Life Support, 1993-1995
 Dyskinesia Identification System Condensed User Scale (DISCUS) Rater, September 1996
 Pharmacist-Patient Consultation Program (Pfizer Pharmaceuticals), September 1997
 Florida Pharmacy Association Ordering and Evaluating Laboratory Data, June 1998
 Smoking Cessation, June 1998
 American Pharmaceutical Association Diabetes Education Certificate Program, September 1998
 American Society of Health-Systems Pharmacists Anticoagulation Training Program, October 1998
 Board of Pharmaceutical Specialties Psychiatric Board Certification, December 1998
 American Society of Consultant Pharmacists' GeroPsych Behavioral Traineeship October 2000
 University of Florida College of Pharmacy Herbal Medicine Certificate Course, June 2001
 2008/2009 American Association of Colleges of Pharmacy Academic Leadership Fellow
 Certificate/Train-the-Trainer in Delivering Medication Therapy Management Services in the Community, February 2010

PUBLICATIONS

Massey AJ. Clozaril: Hope or Heartache. Capital Outlook Newspaper. Tallahassee, Florida. March 1993.
 Crawford A, Lewis V, Massey A. Home Pregnancy Tests: Useful but Not Perfect.
Tallahassee Democrat Newspaper. Tallahassee, Florida, December 1995
Massey AJ. The Role of a Neuroleptic Review Clinic in Managing Patients with Clozaril.
Sandoz Pharmaceuticals Clozaril Treatment Trends Newsletter. Fall 1995;4(3).
 Bates ER, Massey AJ. Traditional VS Nontraditional Antipsychotic Drugs. The Neuroscience Research Foundation of
Florida, Inc. Newsletter. September 1996;2(1).
 Bates ER, Massey AJ. Leukotriene Antagonists in the Treatment of Asthma. The Neuroscience Research Foundation
of Florida, Inc. Newsletter. May 1997: 2(2).
 Bates ER, Massey AJ. Propylene Glycol Caution. The Neuroscience Research Foundation of Florida, Inc. Newsletter.
 May 1997; 2(2).
 Bates ER, Massey AJ. Antifungal Research Study. The Neuroscience Research Foundation of Florida, Inc. Newsletter.
 May 1997;2(2).
Massey AJ, Bates ER. Leukotriene Antagonists: A New Class of Anti-Inflammatory Drugs for the Treatment of
 Asthma. Florida Pharmacy Today. September 1997;10-12,23.

PUBLICATIONS CONT'D

- Bates ER, Florit GF, Massey AJ. Seizures and Treatment: Complex Partial Seizures – Part 2. The Neuroscience Research Foundation of Florida, Inc. Newsletter. March 1998;3(1).
- Bates ER, Massey AJ, Florit GP, et al. Cytochrome P450: Isoenzymes, Metabolism, and Clinical Concerns. Neural Connections Newsletter. 1999;1-3.
- Campbell R, Patel S, Hobdy-Henderson K, Massey A. What is Kava-Kava? Florida Journal of Health-System Pharmacy. 1999;17(1):11-12.
- Massey A. Effectiveness of Ginkgo Biloba in Memory Disorders. Journal of Pharmacy Practice. 1999;12(3):217-224.
- Massey A, Jackson T, Joyce B. Tips on Advising Consumers about Reliable Manufacturers of Herbal Products. Florida Pharmacy Today Journal. December 1999; 28-30, 33.
- Massey A. Effectiveness of Ginkgo Biloba in Memory Disorders. Pharmacy Today Journal. February 2000; 18-24.
- Graves K, Ibisi G, Massey A. Aloe Vera-The Household Plant Mankind Can't Live Without. Bond Community Health Newsletter. 2000;2(1):5-6.
- Thornton A, Massey A, Ghazvini, P. Clinical Management of Febrile Seizures. The Journal of Pediatric Pharmacy Practice. 2000; 5(4):186-192.
- Kirksey O, Thompson M, Jones J, Massey A, et al. Development and Implementation of a Culturally Sensitive Diabetes Patient Care Program for Pharmacists. (Submitted to Minority Health Today, August 2000)
- Odenina F, Scrivens J, Xiao H, Massey A, Ferrell K. African-American Views about Prostate Cancer Screening. Minority Health Today. 2000;1(6): 28-34.
- Diabetes Mellitus Type2 CD-ROM Training on Clinical Practice Guidelines. Big Bend AHEC and Interactive Training Media. April 2002
- Moore, T, Emanuel AM. Depression in Women Across the Life Cycle. The Journal of Pharmacy. 2001;14(5):1-10.
- Emanuel AM, Moore T, Ghazvini P. Considerations for the Use of Alternative Therapies in the Treatment of Depression. The Journal of Pharmacy Practice. 2001;14(6):511-525.
- Kirksey O, Jones J, Emanuel (Massey) A, et al. Evaluation of a Diabetes Patient Care Program for Pharmacists. Florida Pharmacy Today. 2003;66(10):14-17.
- Odedina FT, Scrivens J, Emanuel (Massey) A, et al. A Focus Group Study of Factors Influencing African-American Men's Prostate Cancer Screening Behavior. Journal of the National Medical Association. 2004;96(6):1-9.
- Bell A, Honeywell M, Close F, Branch E, Eraikhuemen N, Massey A. Trosipium Chloride in the Treatment of Overactive Bladder. P&T. December 2004;29(12):767-771.
- Massey A, Honeywell M, Gordon L, Henry C. Apomorphine: Novel treatment for Parkinson's Complications. April 2005:1-6.
- Massey A, Ghazvini P. Role of the Clinical Pharmacist in a Memory Disorder Clinic. The Consultant Pharmacist. June 2005;20:514-518.
- Glueckauf R, Stine C, Massey A, et al. Alzheimer's Rural Care Healthline: Linking Rural Caregivers to Cognitive-Behavioral Intervention for Depression. Rehabilitation Psychology. 2005;50(4):346-354.
- Massey A. Medication-Related Issues Associated with the Management of Dementia. The American Speech and Hearing Association Leader. November 2005;12-13.
- Ghazvini P, Massey A, Yousef H, et al. Assessment of Dementia in an HIV-Positive Population in an Ambulatory Clinic. Family Medicine. Letter to the Editor. February 2006:610.

Book Chapter

- Alzheimer's Disease. Pharmacotherapy. A Pathophysiologic Approach. 7th edition. McGraw Hill Companies. ISBN 978-0-07-147899-1
- Alzheimer's Disease. Pharmacotherapy. A Pathophysiologic Approach. 8th edition. McGraw Hill Companies.(In press)

Editor

- Guest Editor for the Journal of Pharmacy Practice (Psychiatric Issue); December 2006.
- Reviewer, Journal of American Pharmacy Association; September 2011 to present

AWARDS AND HONORS

- National Pharmacy Alumni Distinguished Sandoz Pharm.D. Award (1992)

AWARDS AND HONORS CONT'D

Plough Scholarship Award (1992)
 Hurd M. Jones Award (1990)
 Night of Excellence Honored (1990)
 National Dean's List (1986-1992)
 National Association of Chain Drugstores Scholarship (1989)
 National FAMU Pharmacy Alumni Distinguished Service Award (1995)
 FAMU College of Pharmacy Faculty of the Year Award (1996)
 Gamma Zeta Chapter Rho Chi Honor Society Faculty Advisor Appreciation Award (1998)
 National FAMU Pharmacy Alumni Achievement Award (1998)
 FAMU College of Pharmacy Faculty of the Year Award, Tallahassee Campus (1999)
 FAMU College of Pharmacy Preceptor of the Year Award, Tallahassee Campus (2001)
 Frank Toback Consultant Pharmacist of the Year Award from the Florida Pharmacy Association, June 2002
 Jean Lamberti Mentorship Award from the Florida Pharmacy Association, June 2002
 Department of Elder Affairs Best Practice Exchange, November 2004
 Institutional Pharmacy Category of the Esai Pharmaceuticals *hbc* Pharmacy Recognition Award (2004)
 Association of Black Hospital Pharmacist's Pharmaceutical Care Award (2004)
 Delta Sigma Theta Endowed Professor Award (2004-2006)
 Kappa Epsilon Fraternity Inc. Unicorn Award (2005)
 Minority Access, Inc. National Role Model Faculty Award (2005)
 Faculty Community Service Award (2008)
 Biltmore Who's Who Honor (2008)
 Beta Sigma Chapter Phi Lambda Sigma "Taking The Lead" Award (December 2008)
 Alzheimer's Project "Leading the Way Award" (March 2010)
 Alpha Xi Chapter of Kappa Epsilon 2010 Appreciation and Recognition Award (January 2010)
 Florida A&M University College of Pharmacy Dean' Appreciation Award (April 2010)
 National Kappa Epsilon Fraternity Advisor Appreciation Award (July 2011)

PROFESSIONAL PRESENTATIONS

"Clozaril: The Atypical Antipsychotic", Florida State Hospital; Chattahoochee, Florida; December, 1992, March, October, November 1993

"HIVID in the Treatment of AIDS", Florida State Hospital; Chattahoochee, Florida; February, 1993

"Quinolone Antibiotics", Florida State Hospital; Chattahoochee, Florida; March 1993

Lecture on "The Clinical Manifestations of Schizophrenia", Florida A & M University; Tallahassee, Florida; April, 1993, 1994, 1995

Lectures on Mental Illness, Florida A&M University; Tallahassee, Florida; July, 1993, 1994

Lectures on Psychopharmacology, Florida A&M University; Tallahassee, Florida; April 1993, 1994, 1995, 1996

"Special Problems Associated with Treating Female Mentally Ill Patients", 18th Annual Clinical Pharmacy Symposium entitled "Health Issues Facing Women in the 21st Century", Florida A&M University College of Pharmacy and Pharmaceutical Sciences, Tallahassee, Florida; February 26, 1994

"Dovonex", Florida State Hospital; Chattahoochee, Florida; June 14, 1994

"Drug/Nutrition Interactions and New Drugs Being Utilized at Florida State Hospital", Florida State Hospital, Chattahoochee, Florida; June 15, 1994

Psychotropic Medication Workshop, Florida State Hospital, Chattahoochee, Florida; June 8, 1994

PROFESSIONAL PRESENTATIONS CONT'D

"Comparative Analysis of Atypical Antipsychotics", An Update in Psychopharmacology ; FAMU Continuing Education Program, Tampa, Florida; November 26, 1994

Practical Psychopharmacotherapy; FAMU Continuing Education Program, Orlando, Florida; March 11, 1995

"Advances in Antipsychotic Therapies", National Pharmaceutical Association Convention, Los Angeles, California; July 24, 1995

Psychiatric Case Study Review, Florida A&M University College of Pharmacy and Pharmaceutical Sciences
An Update in Psychopharmacology Continuing Education Program, Tampa, Florida; November 27, 1994

"The Use of Pulmozyme in Cystic Fibrosis", Florida State Hospital, Chattahoochee, Florida; November 22, 1994

"Birth Control Options", Florida State Hospital, Chattahoochee, Florida;; March 7, 1995

"Glucophage: A New Era in the Treatment of Diabetes", Florida State Hospital, Chattahoochee, Florida
July 21, 1995

"Psychopathology of Nicotine Dependence", Florida A&M University College of Pharmacy and Pharmaceutical Sciences, Practical Psychopharmacotherapy Continuing Education Program, Orlando, Florida; March 12, 1995

"Counseling Diabetic Patients", Florida A&M University College of Pharmacy and Pharmaceutical Sciences, Diabetes Mellitus: Treatment and Management Regimens, FAMU COPPS Continuing Education Program, Clearwater, Florida; May 28, 1995

"Changing Concepts in Asthma Therapy", Central Florida Pharmacy Association, Orlando, Florida; October 17, 1995

"Lecture on Guidelines on Controlled Substances", Florida A&M University Preventive Substance Abuse Class
October 23, 1995

"Lecture on Federal Laws and Clinical Guidelines for Controlled Substances", Leon County Florida Highway Patrol New Recruit Class, Tallahassee, Florida, October 24, 1995

"Dietary Concerns for Alzheimer's and Parkinson's Disease", Florida A&M University College of Pharmacy and Pharmaceutical Sciences, Contemporary Treatment Trends for Alzheimer's and Parkinson's Disease Continuing Education Program, Tallahassee, Florida; December 10, 1995

"The Role of Atypical Antipsychotics in Alzheimer's and Parkinson's Disease", Florida A&M University College of Pharmacy and Pharmaceutical Sciences, Contemporary Treatment Trends for Alzheimer's and Parkinson's Disease Continuing Education Program, Tallahassee, Florida; December 10, 1995

"The Role of Effective Listening Skills in Counseling Patients", Florida A&M University College of Pharmacy and Pharmaceutical Sciences, 20th Annual Clinical Pharmacy Symposium entitled "Patient Counseling in the 21st Century: Establishing the Pharmacist's Pivotal Role, Tallahassee, Florida; February 23, 1996, July 13, 1996

"An Update on the Clinical Management of Atypical Psychotropics", Florida A&M University College of Pharmacy and Pharmaceutical Sciences Continuing Education Program, Tallahassee, Florida; April 5, 1996, April 19, 1996

"Improving Communications with Effective Listening Skills", Florida A&M University Student Health Center
Tallahassee, Florida; May 3, 1996

"Advances in Antipsychotic Therapy: Focus on the Atypicals", Sunshine American Psychiatric Nursing Association, Gainesville, Florida, May 18, 1996

"Impact of Menopause and Psychological Functioning", Florida A&M University College of Pharmacy and Pharmaceutical Sciences, Menopause Management Continuing Education Program, Tampa, Florida; May 26, 1996, December 15, 1996

ANGELA MASSEY HILL , PHARM.D., BCPP CURRICULUM VITAE PAGE 12

PROFESSIONAL PRESENTATIONS CONT'D

“Patient Counseling Techniques for Diabetic Patients”, Florida A&M University College of Pharmacy and Pharmaceutical Sciences, Diabetes Management Continuing Education Program, Daytona Beach, Florida; June 9, 1996

“Depression and Dementia in the Elderly”, FAMU School of Allied Health Sciences & University Of Florida Geriatric Education Center Educational Conference, Promoting Wellness in the African American Elderly, Tallahassee, Florida; June 13, 1996

“Behavioral and Psychoactive Medications Overview”, Health & Rehabilitative Services Developmental and Disabilities Grant Medication Management and Monitoring Program, Neuroscience Research Foundation, Inc., Gainesville, Florida; July 9, 1996; October 23, 1996

“Comparison of Fosphenytoin and Phenytoin”, Health & Rehabilitative Services Clinical Advisory Committee Meeting, Gainesville, Florida; August 5, 1996

“Overview of the Cytochrome P450 Enzyme System”, Health & Rehabilitative Services Clinical Advisory Committee Meeting, Gainesville, Florida; August 5, 1996

“Placing the Epilepsy Ictus on the Lamb: A Review of Lamictal: The New Antiepileptic Drug”, Neuroscience Research Foundation, Inc., Gainesville, Florida; August 29, 1996

“Like Sands Through the Hour Glass...Tegretol XR”, Neuroscience Research Foundation, Inc., Gainesville, Florida; August 29, 1996

“A Tour Through the World of Drug Metabolism with an Overview of the Cytochrome P-450 System”, Neuroscience Research Foundation, Inc., Gainesville, Florida; October 29, 1995

“Gabadabadoo, Overview of Gabapentin (Neurontin®)”, Neuroscience Research Foundation, Gainesville, Florida; November 5, 1996

“Pharmacokinetic Lecture Series”, University of Florida Neurology Department, Shands Hospital, Gainesville, Florida; November 12, 19, & December 3, 1996

“An Overview of Psychoactive Medications in the Forensic Population”, North Florida Reception Center, Lake Butler, Florida; January 9, 1997

“Treatment of Neuropsychiatric Disorders in the Developmentally Disabled”, University of Georgia, 17th National Symposium for Psychiatric Pharmacy Practitioners, Athens, Georgia; February 6, 1997

“Pharmacy Managed Disease Based Clinics in Mental Health”, University of Georgia, 17th National Symposium for Psychiatric Pharmacy Practitioners, Athens, Georgia; February 6, 1997

“Epilepsy and Mental Illness”, Neuroscience Research Foundation of Florida and Epilepsy Research Foundation of Florida Epilepsy Training Conference, Gainesville, Florida; March 21, 1997

“Clinical Psychopharmacology Update”, Florida Department of Corrections Multi-Regional Clinical Forum, Gainesville, Florida; May 6, 8, 1997

“An Update on the Expanded Uses of Neurontin in Neurology”, Tallahassee Neurology Clinic, Tallahassee, Florida; October 10, 1997

“Migraine Awareness Update; Madison County Healthcare Consortium; Madison, Florida; October 13, 1997

“The Pros and Cons of Using Medications to Treat ADHD”, United Families for Children’s Mental Health “A Community

PROFESSIONAL PRESENTATIONS CONT'D

Response” Program; Sealey Elementary School; October 25, 1997

“Drug Interactions: The Role of the Pharmacist”, Florida A&M University Consumer Health Course; October 31, 1997

“Patient Counseling for Diabetic Patients”, Florida A&M University College of Pharmacy & Pharmaceutical Sciences; Diabetes Update Continuing Education Program; December 14, 1997.

“Update on Adverse and Cognitive Effects of Anticonvulsants”, The NeuroScience Center at Tallahassee Memorial Regional Medical Center/FAMU College of Pharmacy Epilepsy Conference; January 24, 1998; Tallahassee, Florida.

“Epilepsy Management in the Community Center”, University of Georgia, 17th National Symposium for Psychiatric Pharmacy Practitioners, February 5, 1998; Athens, Georgia.

“Update on the Pharmacological Treatment Measures for Alzheimer’s Disease”, Alzheimer’s Resource Center and Pilot Club 13th Annual Alzheimer Update; February 14, 1998; Tallahassee, Florida.

“Epilepsy and Nutrition”, Epilepsy Association of the Big Bend Area; February 21, 1998; Tallahassee, Florida.

“Medication Management in the Home Health Care Patient”, Tallahassee Memorial Hospital Home Health Care; April 9, 1998; Tallahassee, Florida.

“Alzheimer’s Update”, Alzheimer’s Support Group; May 6, 1998; Tallahassee, Florida.

“Update on Treatment Options for Parkinson’s Disease”, Westminster Oaks Support Group; April 16, 1998; Tallahassee, Florida.

“Review of Control Substances and the Law”, Florida Highway Patrol Academy; September 9, 1998; Tallahassee, Florida.

“Overview of Epilepsy: The Concerns of Treatment”, Tallahassee Memorial Healthcare, November 18, 1998; Tallahassee, Florida.

“Treatment of Behavioral Problems in Patients with Alzheimer’s Disease”, Tallahassee Memorial HealthCare Long-Term Care Unit, January 6, 1999, Tallahassee, Florida.

“The Pharmacological Treatments of Attention Deficit Hyperactivity Disorder/Attention Deficit Disorder”, Family Network on Disabilities & FDLRS 1st Annual Region 8 Conference, February 13, 1999; Tallahassee, Florida.

“Update on the Pharmacological Treatment Measures for Alzheimer’s Disease”, The Pilot Club of Tallahassee, Inc. and Alzheimer Resource Center 14th Annual Alzheimer Update, February 13, 1999, Tallahassee, Florida.

“Memory Disorders and Medications”, Tallahassee Senior Center, May 6, 1999, Tallahassee, Florida.

“Memory Disorders and Medications”, Westminster Oaks Retirement Center, May 11, 1999, Tallahassee, Florida.

Lectures for The FAMU COPP Diabetes Patient Care Training Program (Chronic Complications, Patient Counseling, Insulin Administration, Gestational Diabetes, Patient Assessment, Glucometers, etc.), May 21-23 & May 28-30, 1999, Tallahassee & Jacksonville, Florida.

“Pharmacological Treatment of Status Epilepticus”, Dorchester Cluster Home, May 26, 1999, Tallahassee, Florida.

“Pharmacological Treatment of Memory Disorders,” Tallahassee Memorial Healthcare Memory Disorder Clinic ADI Training, June 2, 1999, Carrabelle, Florida.

ANGELA MASSEY HILL , PHARM.D., BCPP CURRICULUM VITAE PAGE 14

PROFESSIONAL PRESENTATIONS CONT'D

“Pharmacological Issues Associated with Memory Disorders,” Leon County Alzheimer’s Resource Center Alzheimer’s Disease Support Group, June 2, 1999, Tallahassee, Florida.

“Update on Treating Attention Deficit Disorder”, FAMU COPP Conference on Contemporary Treatment Options for Pediatric Disorders, June 5, 1999, Daytona Beach, Florida.

“Conventional and Alternative Therapies for the Treatment of ADHD”, Florida Pharmacy Association 109th Annual Convention, June 24, 1999, Marco Island, Florida.

“Current and Investigational Treatment Options for Memory Disorders”, Florida Pharmacy Association 109th Annual Convention, June 26, 1999, Marco Island, Florida.

“The Role of the Pharmacist in Preventing Adverse Outcomes in Memory Disorders”, Florida Pharmacy Association 16th Southeastern Gatherin’, August 10, 1999, Destin, Florida.

“The Role of the Pharmacist in the Treatment of Memory Disorders”, Florida Society of Health-Systems Pharmacists, August 21, 1999, Orlando, Florida.

“The Role of Mood Stabilizers in Treating the Neuropsychiatric Manifestations in Mentally Retarded Individuals”, New York State Nurses Association Conference, October 1, 1999, Albany, New York.

“The Role of the Pharmacist in Migraine Management”, Eckerd Drugs Lecture Series, Tallahassee, Florida; October 10, 1999

“The Multiple Personalities of Anticonvulsants”, Eckerd Lecture Series, Gainesville, Florida; October 31, 1999

“Update on Attention Deficit Hyperactivity Disorder”, FAMU College of Pharmacy & Pharmaceutical Sciences
“Neuropsychopharmacology Update”, Orlando, Florida; November 20, 1999

“The Role of Anticonvulsants in Neuropsychiatry”, FAMU College of Pharmacy & Pharmaceutical Sciences
“Neuropsychopharmacology Update”, Orlando, Florida; November 20, 1999

“New Horizons in the Treatment of Geriatric Disorders”, FAMU College of Pharmacy & Pharmaceutical Sciences

“Neuropsychopharmacology Update”, Orlando, Florida; November 21, 1999

“Prevention and Treatment of Strokes”, FAMU College of Pharmacy & Pharmaceutical Sciences “Prevention and Treatment of Cardiovascular Disease in the New Millenium”, Tallahassee, Florida; December 12, 1999

“The Good, Bad, and Ugly about Medication Cocktails”, Florida Nurses Association, Tallahassee, Florida, January 18, 2000

“Guidelines on Providing Assistance with Medication”, Department of Elder Affairs Assisted Living Facility Personnel Training, Tallahassee, Florida, January 21, 2000

“The Role of the Pharmacist in Migraine Management”, Central Florida Health-Systems Pharmacists, Daytona, Florida, January 25, 2000

“The Role of the Pharmacist in Clinical Research”, FAMU COPPS Division of Economic, Social, and Administrative Sciences Lecture Series, Tallahassee, Florida, February 3, 2000

PROFESSIONAL PRESENTATIONS CONT'D

“Insulin Delivery Systems”, Florida A&M University College of Pharmacy 23rd Clinical Pharmacy Symposium entitled Diabetes in the African American Community...Closing the Gap of Disparity, Tallahassee, Florida, February 27, 2000.

“Update on the Pharmacological Management of Alzheimer’s Disease”, Alzheimer’s Resource Center and Pilot Club 15th Annual Alzheimer Update; Tallahassee, Florida, February 19, 2000

“The Epidemiological Aspects of HIV/AIDS”, Hampton University Conference on The Black Family, Hampton, Virginia, March 16, 2000

“Lectures for The National Association for Equal Opportunity in Higher Education Diabetes Patient Care Training Program (Chronic Complications, Insulin Administration, Gestational Diabetes); Daytona Beach, Florida, May 24, 2000

“Pathology and Treatment Considerations for Diabetic Neuropathy”, Florida Pharmacy Association Annual Convention and Southeastern Gatherin’; Orlando, Florida, July 9, 2000 : San Destin, Florida August 9, 2000

“Expanding the Multidisciplinary Approach to Healthcare: Incorporating the Skills of the Consultant Pharmacist”, National Association of Social Workers; September 15, 2000, Tallahassee, Florida

“Overview of Herbal Medicine: Regulatory and Manufacturing Practices Associated with Alternative Medicine”, Florida A&M University College of Pharmacy Contemporary Issues in Alternative Approaches to Healthcare Continuing Education Program; Jacksonville, Florida; September 16, 2000

“Herbal Products and Gynecological Disorders”, Florida A&M University College of Pharmacy Contemporary Issues in Alternative Approaches to Healthcare Continuing Education Program; Jacksonville, Florida; September 17, 2000

“Use of Herbals in Psychiatric Disorders”, Florida A&M University College of Pharmacy Contemporary Issues in Alternative Approaches to Healthcare Continuing Education Program; Jacksonville, Florida; September 17, 2000

“Contemporary Medication Management Issues”, North Florida Caregiver’s Forum; Tallahassee, Florida; September 21, 2000

“Advances in Medications for Mental Illnesses”, National Association of Mental Illness Mental Awareness Month Lecture Series; Tallahassee Depressive & Manic-Depressive Association- Support Group; October 30, 2000; Tallahassee, Florida; October 30, 2000

“Pharmacologic Management of Alzheimer’s Disease & Parkinson’s Disease”, Tallahassee Memorial Healthcare Neuroscience Center Caregiver’s 101; Tallahassee, Florida; January 20, 2001

“Current Concept in Treating Alzheimer’s Disease”, Alzheimer’s Update, Tallahassee, Florida; February 17, 2001

“New Advances in Alzheimer’s Disease”, Alzheimer’s Disease Initiative Training, Tallahassee, Florida, March 13, 2001

“Conventional and Nonconventional Considerations for Preserving Cognitive Functioning”, Tallahassee Chapter Rotary Club; March 26, 2001; Tallahassee, Florida

“Managing Medications..Addressing Polypharmacy, Medication Adherence, and Accessibility”, Senior’s Conference; May 18, 2001; Tallahassee, Florida

“Use of Atypical Antipsychotics in Alzheimer’s and Parkinson’s Disease Patients”, Florida A&M University College of Pharmacy Continuing Education Program on Managing the Patient with Neurodegenerative Diseases, Tampa, Florida; May 27, 2001

PROFESSIONAL PRESENTATIONS CONT'D

“Managing the Patient with Neurodegenerative Diseases”, Florida A&M University College of Pharmacy Continuing Education Program on Managing the Patient with Neurodegenerative Diseases, Tampa, Florida; May 27, 2001

“Counseling the Patient with Diabetes”, Florida A&M University College of Pharmacy Continuing Education Program on Managing Diabetes, Daytona Beach, Florida; June 3, 2001

“Over-the-Counter Agents/Herbal Products and The Patient with Diabetes”, Florida A&M University College of Pharmacy Continuing Education Program on Managing Diabetes, Daytona Beach, Florida; June 3, 2001

“Monitoring the Patient with Diabetes”, Florida A&M University College of Pharmacy Continuing Education Program on Managing Diabetes, Daytona Beach, Florida; June 3, 2001

“Case Studies for Patients with Diabetes”, Florida A&M University College of Pharmacy Continuing Education Program on Managing Diabetes, Daytona Beach, Florida; June 3, 2001

“Medication Management for Neuropsychiatric Disorders”, Tallahassee Memorial NeuroScience Center Psychosocial Needs of the NeuroScience Patient Conference, Tallahassee, Florida; June 8, 2001

“Medication Management for Pediatric Neuropsychiatric Disorders”, Leon County School Board/ SEDNET, Tallahassee, Florida; July 24, 2001

“Specializing, Credentialing, and Reimbursement Opportunities for Pharmacists”, 2001 District II NABP/AACP Meeting, Amelia Island, Florida; August 7, 2001

“Advances in the Pharmacologic Management of Cerebrovascular Disease”, Florida Pharmacy Association 18th Annual Southeastern Gatherin', Panama City, Florida; August 8, 2001

“Medication Management for Neuropsychiatric Disorders”, Tallahassee Memorial NeuroScience Center Psychosocial and Communication Needs of the NeuroScience Patient Conference, Tallahassee, Florida; September 28, 2001

“Pathology and Treatment Considerations for Diabetic Neuropathy”, Florida Pharmacy Association “The Pharmacist’s Role in Diabetes Management” Continuing Education Program, Boca Raton, Florida; September 29, 2001

“Clinical Case Studies for Urinary Tract Disorders”, Florida A&M University College of Pharmacy & Pharmaceutical Sciences Urinary Tract Disorders Continuing Education Program, Jacksonville, Florida; October 7, 2001

“Contemporary Medication Management Issues”, Northwest Florida Caregiver Intensive Meeting, Panama City, Florida; October 10, 2001

“Medication Management for Neuropsychiatric Disorders”, Florida Association of Aging Service Providers Regional Training Conference, Panama City, Florida; October 11, 2001

“Medication Issues Relating to Memory Disorders and Parkinson’s Disease”, Tallahassee Memorial NeuroScience Center Caregiver 101 Series, Tallahassee, Florida; October 27, 2001

“Alzheimer’s Disease”, Florida A&M University College of Pharmacy & Pharmaceutical Sciences Therapeutic Interventions in Elderly Patients Continuing Education Program, Tampa, Florida; October 28, 2001

“Provision of Pharmaceutical Care In A Seizure Clinic: From Inception to Implementation”, 36th Annual ASHP Midyear Clinical Meeting, New Orleans, Louisiana; December 3, 2001; Presented with Elicia McCants, Pharm.D

PROFESSIONAL PRESENTATIONS CONT'D

“Treatment Options for Cerebrovascular Disease”, Diseases of the Circulatory System in the Elderly Florida Pharmacy Association, Tampa, Florida, March 23, 2002

“Overview of the Complications Associated with Diabetes”, Diabetes 1-0-1 A Hands on Workshop on the Management of Diabetes, Tallahassee, Florida, June 1, 2002

“Patient Counseling Tips for Patients with Diabetes”, Diabetes 1-0-1 A Hands on Workshop on the Management of Diabetes, Tallahassee, Florida, June 1, 2002

“Shortcourse on Herbal Medicine”. Workshop presented to 2003 Graduating class of FAMU COPPS. Tallahassee, Florida; May 1, 2003

“Prescription Drugs and Addiction; The Psycho-Social Impact of Drug Use.” ADAVA Community Drug Summit; Tallahassee, Florida; August 21, 2002

“Counseling Patients to Avoid Quality Related Events” Florida Pharmacy Association APP Mid-Year Clinical Conference; Orlando, Florida; October 27, 2002

“Advances in the Pharmacologic Management of Cerebrovascular Disease”, Florida Pharmacy Association Meeting, Tampa, Florida

“Advances in the Management of Dementia.” Ombudsman Council District 2; Tallahassee, Florida; December 18, 2002

“Medication Issues Relating to Memory Disorders and Parkinson’s Disease”, Tallahassee Memorial NeuroScience Center Caregiver 101 Series, Tallahassee, Florida; January 11, 2003.

“Assessing Caregiver’s Challenges in Alzheimer’s Disease,” 2003 Alzheimer’s Summit; Tallahassee, Florida; February 6, 2003.

“Update on Medication Issues for People with Memory Disorders.” 18th Annual Alzheimer Update; February 8, 2003.

“Pharmacologic Considerations for Alzheimer’s Disease,” Agency on Health Care Administration Presentation on Best Practices for Alzheimer’s Disease; Tallahassee, Florida; April 4, 2003.

“Calcium, Vitamin D and Alternative Medicines Used for Osteoporosis”, Delta Kappa Omega Chapter of Alpha Kappa Alpha Sorority, Inc. Healthfair, Tallahassee, Florida; June 7, 2003

“Cerebrovascular Disease.” 113th Annual Florida Pharmacy Association Meeting, Wesley, Chapel, Florida; June 14, 2003

“Managing Pediatric NeuroPsychiatric Disorders”, SED Network, Tallahassee, Florida; June 24, 2003

“Shortcourse on Herbals”, Bethel Life Ministry Seniors Group, Tallahassee, Florida; July 15, 2003

“Tips on Herbals”, Bethel Life Ministry Radio Show, Tallahassee, Florida; August 1, 2003

“Tips on Using Herbals”, Department of Elder Affairs Senior Day Healthfair, Chairs/Capitola, Florida; July 29, 2003

“Shortcourse on Herbals with a Focus on Osteoporosis”, National Osteoporosis Foundation Tallahassee North Florida Support Group, Tallahassee, Florida; August 7, 2003

“Cultural Competency.” 37th Annual Florida Health-Systems Pharmacists Meeting. Orlando, Florida; August 8, 2003

PROFESSIONAL PRESENTATIONS CONT'D

“Managing Geriatric Depression.” 37th Annual Florida Health-Systems Pharmacists Meeting. Orlando, Florida; August 8, 2003

“The Pharmacological Perspectives of Managing Dementia”, 2003 Florida Conference on Aging, Orlando, Florida; August 11, 2003

“Alternatives Medicines,” Leon County Senior Day , Fort Braden, Florida, August 19, 2003

“Psychotropic Cocktails”, Florida Pharmacy Drug Retrospective Drug Utilization Review Workshops; August 20, 2003 ,August 27, 2003, August 28, 2003, September 10, 2003, September 11, 2003 and September 17, 2003.

“Stress Management Workshop”, Find-a-Black Owned Business.com Business Network Meeting, Consumel, Mexico; September 26, 2003.

“Assessment Skills for Evaluating Dementia, Depression, and Delerium”, Leon County Health-Systems Phamacists Meeting, Tallahassee, Florida; October 21, 2003.

“Overview of Modifiable Risk Factors in Managing Diabetes”, Diabetes Pharmaceutical Care Training Initiative on “Modifying the Modifiable Risk Factors in Managing Diabetes”, Bonifay, Florida, October 31, 2003

“Overview of the Most Commonly Prescribed Medications”, Medication Management Training for Patients with Developmental Disabilities, Tallahassee, Florida; October 18, 2003

“Clinical Considerations for the Use of Herbal Products”, Medication Management Training for Patients with Developmental Disabilities, Tallahassee, Florida; October 18, 2003

“Addressing Drug Interactions and Chronotherapeutics”, Medication Management Training for Patients with Developmental Disabilities, Tallahassee, Florida; October 18, 2003

“Patient Assessment Techniques and Case Reviews”, Medication Management Training for Patients with Developmental Disabilities, Tallahassee, Florida; October 18, 2003

“Procedural Aspects of Providing Evaluations”, Medication Management Training for Patients with Developmental Disabilities, Tallahassee, Florida; October 18, 2003

“Designing Medication Regimens to Address Polypharmacy in Patients with Diabetes”, Diabetes Pharmaceutical Care Training Initiative on “Modifying the Modifiable Risk Factors in Managing Diabetes”, Bonifay, Florida, October 31, 2003

“Prevention of Cerebrovascular Disease in Patients with Diabetes”, Diabetes Pharmaceutical Care Training Initiative on “Modifying the Modifiable Risk Factors in Managing Diabetes”, Bonifay, Florida, October 31, 2003

“Assessment and Monitoring of Patients with Dementia, Delerium, and Depression”, Florida Pharmacy Association Expanding Patient Care In: 3-D; Orlando, Florida; November 15, 2003.

“The Role of Pharmacist in Memory Disorder Clinics”; Department of Elder Affairs Best Practice Exchange; Tampa, Florida; December 5, 2004

“New Advances and Old Concerns in treating HIV/AIDS”; Florida Coordinated School Health Program AIDS Advisory Council Meeting; Orlando, Florida; January 27, 2004

“Utilization of Clinical Pharmacists in a Memory Disorder Clinic”; Department of Elder Affairs Alzheimer’s Disease Initiative Meeting; Tallahassee, Florida; February 3, 2005

ANGELA MASSEY HILL, PHARM.D., BCPP CURRICULUM VITAE PAGE 19**PROFESSIONAL PRESENTATIONS CONT'D**

“Living with Alzheimer’s Disease...A Pharmacy Perspective”; 2004 Alzheimer’s Summit; Tallahassee, Florida; February 5, 2004

“Geriatric Education-The Need for Increased Dementia Education for Pharmacists: A Call to Action”; 2004 Alzheimer’s Summit; Tallahassee, Florida; February 5, 2004

“Advances in Anticonvulsants”, American Drug Utilization Review Society 2004 Symposium; Clearwater, Florida; February 19, 2004

“Addressing Memory Disorders”, Florida A&M University College of Pharmacy 27th Annual Clinical Pharmacy Symposium; Tallahassee, Florida; February 28, 2004

“Drug Therapy Management and Appropriate Utilization in the Treatment of Mental Illness”; Florida Pharmacy Association Pharmacist’s Role in Managing Behavior Disorders; Tampa, Florida; March 14, 2004

“Relationship of Medical Illnesses to Mental Illnesses”; Florida Pharmacy Association Pharmacist’s Role in Managing Behavior Disorders; Tampa, Florida; March 14, 2004

“Addressing the Challenges of Psychotropic Polypharmacy in the Elderly”, Florida Health-Systems Pharmacists Spring Meeting; Ft. Lauderdale, Florida; March 19, 2004

“Overview of the Role of Memory Disorder Clinics in the State of Florida”, Florida A&M University College of Pharmacy and Pharmaceutical Sciences program entitled “The Pharmacist’s Role in Managing Alzheimer’s Disease and Other Dementias”, Miami, Florida; May 22, 2004

“Managing Behavioral Aspects, Mood and Sleep Disorders in the Alzheimer’s Patients”, Florida A&M University College of Pharmacy and Pharmaceutical Sciences program entitled “The Pharmacist’s Role in Managing Alzheimer’s Disease and Other Dementias”, Miami, Florida; May 23, 2004

“Assessing and Monitoring Patients with Alzheimer’s Disease”, Florida A&M University College of Pharmacy and Pharmaceutical Sciences program entitled “The Pharmacist’s Role in Managing Alzheimer’s Disease and Other Dementias”, Miami, Florida; May 23, 2004

“Aging Well, Living Well...From a Pharmacist’s Perspective”, Department of Elder Affairs Senior Living Day, Tallahassee, Florida; May 27, 2004

“Factors Influencing Treatment Options for Depression”, Florida A&M University College of Pharmacy and Pharmaceutical Sciences program entitled “Managing Patient with Depression”, Daytona Beach, Florida; June 20, 2004

“The Use of Alternative Methods in Dealing with the Depressed Patient”, Florida A&M University College of Pharmacy and Pharmaceutical Sciences program entitled “Managing Patient with Depression”, Daytona Beach, Florida; June 20, 2004

“Therapeutic Considerations in the Management of Memory Disorders”, National Pharmacy Alumni Council Continuing Education Program entitled “Contemporary Issues in Pharmacy Practice”, Biloxi, Mississippi; June 26, 2004

“Controversies in the Use of Hormonal Replacement Therapies”, Florida Pharmacy Association Annual Meeting, Orlando, Florida; July 3, 2004

“Controversies in the Use of Hormonal Replacement Therapies”, Florida Pharmacy Association Annual Meeting, Panama City, Florida; August 10, 2004

ANGELA MASSEY HILL , PHARM.D., BCPP CURRICULUM VITAE PAGE 20

PROFESSIONAL PRESENTATIONS CONT'D

“Overview of the Role of Memory Disorder Clinics in the State of Florida”, Florida A&M University College of Pharmacy and Pharmaceutical Sciences program entitled “The Pharmacist’s Role in Managing Alzheimer’s Disease and Other Dementias”, Jacksonville, Florida; August 21, 2004

“Managing Behavioral Aspects, Mood and Sleep Disorders in the Alzheimer’s Patients”, Florida A&M University College of Pharmacy and Pharmaceutical Sciences program entitled “The Pharmacist’s Role in Managing Alzheimer’s Disease and Other Dementias”, Jacksonville, Florida; August 22, 2004

“Assessing and Monitoring Patients with Alzheimer’s Disease”, Florida A&M University College of Pharmacy and Pharmaceutical Sciences program entitled “The Pharmacist’s Role in Managing Alzheimer’s Disease and Other Dementias”, Jacksonville, Florida; August 22, 2004

“Assessment and Monitoring of Patients with Dementia, Delirium, and Depression”, Florida Pharmacy Association Expanding Patient Care In: 3-D; Miami, Florida; September 19, 2004

“Prescription Drug Abuse”, Frenchtown Outreach Center, Inc. and Personal Pharmacy Services workshop entitled “Substance Abuse: It’s a Family Affair”, Tallahassee, Florida; October 16, 2004

“Implementing Pharmacy Care Services for Alzheimer’s Patients – A Multidisciplinary Approach,” Iowa Pharmacy Association Senior Care Conference; Des Moines, Iowa; October 29, 2004

“Opening Minds and Opening Hearts: Developing Pharmacy Services for Alzheimer’s Patients and Their Caregivers”, Wakefern Foods Fall Continuing Education Seminar, Kearney, New Jersey; November 3, 2004

“Cultural Competence in Depression: Implications in the Care of the African-American Patient”, American Society of Health-Systems Pharmacists 39th ASHP Midyear Clinical Meeting and Exhibits; Orlando, Florida; December 7, 2004

“Polypharmacy and Drug Interactions with Conventional Medications”, Florida A&M University College of Pharmacy Continuing Education Program; Tallahassee, Florida; December 11, 2004

“Polypharmacy and Drug Interactions with Herbals and Neutraceuticals”, Florida A&M University College of Pharmacy Continuing Education Program; Tallahassee, Florida; December 11, 2004

“Medications and Dementia”, American Speech and Hearing Association 2005 Health Care Conference; Palm Springs, California; February 19 & 20, 2005

“Concepts and Techniques for Effective Education & Counseling” ; Florida A&M University College of Pharmacy Continuing Education Program; Tallahassee, Florida; February 26, 2005

“The Relationship of Mental Health and Health Disparities”, Florida Department of Health Closing the Gap Summit 2005 “Working Towards a Common Vision” Reducing Racial and Ethnic Health Disparities, Orlando, Florida, March 2, 2005

“Addressing Cultural Competence in the African-American Community” , Association of Black Hospital Pharmacists Annual Meeting, May 20-22, 2005, Miami, Florida

“Opening Minds and Opening Hearts: Developing Pharmacy Services for Alzheimer’s Patients and Their Caregivers”, Pathmark Pharmaceuticals , May 4, 2005, Jamaica, New York; Pathmark Pharmaceuticals, May 19, 2005, Newark, New Jersey; HD Smith Pharmaceutical Wholesalers, June 8, 2005, Secaucus, New Jersey; Colorado Pharmacists Association, June 11, 2005, Estes Park,

PROFESSIONAL PRESENTATIONS CONT'D

“Opening Minds and Opening Hearts: Developing Pharmacy Services for Alzheimer’s Patients and Their Caregivers”, Pathmark Pharmaceuticals Colorado; South Carolina Pharmacists Association, June 25, 2005; Myrtle Beach, SC; Florida Pharmacists Association, July 7, 2005, Marco Island, Florida; AmeriSource Bergen; July 15, 2005, Las Vegas, NV; Value Drugs, Altoona, Philadelphia, July 31, 2005

“The Influence of Genetics in Managing Neurological Disorders in the African-American Population”
June 11-15, 2005, San Juan, Puerto Rico

“Current Advances in the Management of Sleep Disorders”, Florida Pharmacist’s Association 115th Annual Meeting and Convention, July 8, 2005, Marco Island, Florida

“Current Concepts in Managing Migraine Headaches”, Florida Pharmacist’s Association 115th Annual Meeting and Convention, July 10, 2005, Marco Island, Florida

“Managing Non-Alzheimer’s Dementia”, Florida Society of Health-Systems Pharmacists, August 5, 2005, Orlando, Florida

“Current and Future Concepts in Managing Alzheimer’s Disease”, Florida Society of Health-Systems Pharmacists, August 5, 2005, Orlando, Florida.

“Medication-Related Issues in Treating Alzheimer’s Disease for the Caregiver”, The Johnnie B. Byrd Alzheimer’s Disease Research Center Community Outreach Program, August 8, 2005, Tampa, Florida

“The Influence of Genetics in Managing Neurological Disorders in the African-American Population”, Minority Access, Inc. National Role Models Meeting, September 11, 2005, Las Vegas, Nevada

“Counseling and Support for the Alzheimer’s Caregiver: The Pharmacist’s Role”, Wisconsin Pharmacy Association, October 12, 2005

“Overview of Medications for Alzheimer’s and Parkinson’s Disease, Tallahassee Memorial Healthcare Memory Disorder Clinic Caregiver 101, October 26, 2005, Crawfordville, Florida

“Update on Alzheimer’s Treatment”, Alzheimer’s Rural Healthcare Program in conjunction with the Johnnie B. Byrd Alzheimer’s Disease Research Center, August 9, 2005, Tampa, Florida, and November 15, 2005, Chipley, Florida

“Advances in Pharmaceutical Care of the Dementia Patient”, Florida A&M University Continuing Education Program entitled, Common Age-Related Disease States- Pathophysiological Circumstances and Pharmaceutical Care, November 19, 2005, Orlando, Florida

“Case Studies in Dementia and the Role of the Pharmacist”, Florida A&M University Continuing Education Program entitled, Common Age-Related Disease States- Pathophysiological Circumstances and Pharmaceutical Care, November 19, 2005, Orlando, Florida

“Alzheimer’s Disease: It’s a Family Affair, Delta Sigma Theta and Florida A&M University College of Pharmacy Alzheimer’s Awareness Program, November 22, 2005, Tallahassee, Florida

“Improving the Proficiency of Patient Encounters with Refugee and Immigrant Populations”, 40th American Society of Health-Systems Pharmacists Midyear Clinical Meeting and Exhibition, December 7, 2005, Las Vegas, Nevada.

“Counseling and Support for the Alzheimer’s Caregiver: The Pharmacist’s Role”, Wisconsin Pharmacy Association, October 12, 2005, Independent Pharmacy Alliance, February 1, 2006, Teaneck, NJ

ANGELA MASSEY HILL, PHARM.D., BCPP CURRICULUM VITAE PAGE 22

PROFESSIONAL PRESENTATIONS CONT'D

“Medication Issues for Treating Alzheimer’s Disease: Addressing the Controversies of Yesterday, Today, and Tomorrow”, Alzheimer’s Disease Education & Training Conference, March 18, 2006, Tallahassee, Florida

“Update on Alzheimer’s Treatment”, Alzheimer’s Rural Healthcare Program in conjunction with the Johnnie B. Byrd Alzheimer’s Disease Research Center , August 9, 2005, Tampa, Florida, and November 15, 2005, Chipley, Florida, March 30, 2006, Madison, Florida

“Falls: A Pharmacy Perspective”, Live Oak Geriatric Education Center Health Professionals Faculty Development Conference, March 29, 2006, Tallahassee, Florida

“Obesity and Alzheimer’s Disease”, 12th Annual Dr. L.H.B. Foote Minority Health Symposium and Memorial Dinner Lecture, April 1, 2006, Orlando, Florida

“Geriatric Pharmacy Issues in the New Millenium”, Tallahassee Memorial Healthcare, April 27, 2006, Tallahassee, Florida

“The Role of Genetics and Alzheimer’s disease: Emphasis on Its Impact on African Americans”, Florida A&M University Foundation Inc., Reception Dinner Meeting, May 17, 2006, Tallahassee, Florida

“The Burden of Akathisia”, Tallahassee Memorial Healthcare Behavioral Health Center, September 27, 2006, Tallahassee, Florida

“Agitation and Violence in Psychiatric Patients” , Tallahassee Memorial Healthcare Behavioral Health Center, October 25, 2006, Tallahassee, Florida

“Specialty Care: New Insights In the Treatment of Bipolar Depression: Volume I,” Impact Health Medical Office, December 6, 2006, Tallahassee, Florida

“Research Update for Alzheimer’s Disease: Addressing the Controversies”, Johnnie B. Byrd, Sr. Center and Research Institute Dementia 101 Workshop, December 14, 2006, Tampa, Florida

“Falls/Balance-Pharmacology Perspective”, 6th Annual Best Clinical Practice Medical Educational Council of Pensacola Symposium, January 20, 2007, Pensacola, Florida

“Dizziness & Falls: A Pharmacy Perspective Workshop”, Live Oak GEC Conference on The Dizzy Patient Who Falls: Vestibular Function, Falls and Older Adults, January 27, 2007, Thomasville, Georgia

“Women and Heart Disease”, Gadsden County Florida Alumnae Chapter Delta Sigma Theta Sorority, Inc. and The American Heart Association, February 17, 2007, Quincy, Florida

“Neuropathic Pain”, Florida A&M University College of Pharmacy Continuing Education Program entitled, “Pain Management”, November 18, 2007, Orlando, Florida

“Addressing the Neuropsychological Complications of Cardiovascular Disease”, Florida A&M University College of Pharmacy Continuing Education Program entitled, “Contemporary Issues in the Management of Cardiovascular Disease”, December 9, 2007, Tallahassee, Florida

“Alternative Medicine and Cancer” , Florida A&M University College of Pharmacy Continuing Education Program entitled, “Addressing Cancer-Related Health Disparities Through a Multidisciplinary Approach Identifying Differences....Equalizing Benefits”, February 24, 2008, Tallahassee, Florida

“Medication Update for Alzheimer’s Disease”, ARCH Parish Nurse PARTNER Project: Spiritually-based Problem-Solving Counseling for Rural Dementia Caregivers; May 19, 2008; Tampa, Florida

ANGELA MASSEY HILL, PHARM.D., BCPP CURRICULUM VITAE PAGE 23

PROFESSIONAL PRESENTATIONS CONT'D

“Clinical Concepts in Managing Sleep Disorders”; Diamondback Annual Convention; June 17, 2008; San Fransisco, California

“Brief Tobacco Intervention Project”; Diamondback Annual Convention; June 19, 2008; San Fransisco, California

“Understanding the Role of the Caregiver and Strategies to Cope with Caregiver Stress”; LOGEC Capstone Conference; May 19, 2008; Tallahassee, Florida

“Advances in the Management of Mood Disorders”, Florida Pharmacy Association Psychiatric Update; September 20, 2008; Ft. Lauderdale, Florida

“Therapeutic Options in Managing Bipolar Disorder”, Florida A&M University College of Pharmacy Continuing Education Entitled Pharmacotherapeutic Approaches to the Management of Psychiatric Disorders”; December 6, 2008; Tallahassee, Florida.

“Culture Change: Road to Medication Management”; 8th Annual Best Clinical Practice Symposium; January 17, 2009 Pensacola, Florida.

“Therapeutic Management of Anxiety Disorders”, Florida Pharmacy Association Psychiatric Update; September 20, 2008; Ft. “Update on Treating Alzheimer’s Disease”, Alzheimer’s Project Annual Alzheimer Update; Tallahassee, Florida, February 21, 2009

“Techniques on Evaluating Mental Illnesses”, Florida A&M University Continuing Education Program Entitled - “Advances in Mental Health”, June 6, 2009, Daytona Beach , Florida

“Therapeutic Options in Managing Bipolar Disorders”- Florida A&M University Continuing Education Program Entitled - “Advances in Mental Health”, June 6, 2009, Daytona Beach , Florida

“Drug and Disease Interactions Involving Psychotropic Medications”- Florida A&M University Continuing Education Program Entitled - “Advances in Mental Health”, June 6, 2009, Daytona Beach , Florida

“Therapeutic Management of Anxiety Disorders” National Diamondback Pharmacy Alumni Council, Montego Bay, Jamaica, June 18, 2009

“Pharmacodynamic and Pharmacokinetic Changes in the Elderly”, Live Oak Geriatric Education Consortia Training, Jacksonville, Florida, February 17, 2010

“Pharmacy Best Practices for Managing Alzheimer’s Disease” Florida State University College of Medicine Alzheimer’s Update, February 20, 2010, Tallahassee, Florida

“Use of Vitamins in the Elderly”, Live Oak Geriatric Education Consortia Training, Jacksonville, Florida, February 17, 2010

“Managing Mental Illness in the Elderly”, Florida Pharmacy Association Continuing Education Meeting, April 16, 2010, Tampa, Florida

“Alzheimer’s Disease and Other Dementias: Diagnosis and Treatment Options”, Insight Therapeutics Geriatric Toolbox Conference, April 28, 2010, Norfolk, Virginia

“2009/2010 College of Pharmacy Grant Activity Report”, 2010 LiveOak Geriatric Education Consortia Capstone Conference, June 11, 2010, Tallahassee, Florida

“Dementia is Dementia, Right?” American Pharmaceutical Association 2010 Convention, March 13, 2010, Washington , DC

PROFESSIONAL PRESENTATIONS CONT'D

“Dementia is Dementia, Right?” American Pharmaceutical Association Ortho McNeil Training, June 28, 2010, Raritan, New Jersey

“Advances in Managing Alzheimer’s and Parkinson’s Disease”, Florida A&M University Continuing Education Program entitled Contemporary Issues In Geriatric Pharmacotherapy August 28, 2010, Jacksonville, Florida

“Delivering Medication Therapy Management Services in the Community”, Florida A&M University Continuing Education Program, Davie, Florida, September 18, 2010

“Safe Use of Herbals and Vitamins as Nutritional Supplements”, Florida A&M University Continuing Education Program, November 21, 2010, Orlando, Florida

“Medication Therapy Management: The Future of Pharmacy Practice”, Florida A&M University Continuing Education Program, December 12, 2010, Tallahassee, Florida

“Credentialing Opportunities for Pharmacists”, Florida A&M University Continuing Education Program, December 12, 2010, Tallahassee, Florida

“Workshop on Customer Service”, Florida A&M University College of Pharmacy Contract Pharmacy Services, October 15, 2010, Tallahassee, Florida

“Customer Service 1-0-1”, Webster Surgical Center of Tallahassee, L.L.C. Annual Training, December 23, 2010, Tallahassee, Florida

“Get Screening! Uncovering the Facts About Alzheimer’s Disease”, 2011 American Pharmacist Association Annual Meeting, March 25, 2011, Seattle, Washington

“Roles of the Pharmacist in the Drug Discovery Process”, USF College of Pharmacy Drug Discovery Symposium, June 17, 2011, Tampa, Florida

“Depression: It’s a Family Affair”, Diamondback Alumni Convention, June 18, 2011; Davie, Florida

“Truths and Myths on Using Herbals and Vitamins”, USF Health Geriatric Institute’s Conference entitled “Challenges of Geriatric Healthcare”, June 21, 2011, Tampa, Florida

“Truths and Myths on Using Herbals and Vitamins for Women”, 12th Annual *Speaking for Women* Conference, August 27, 2011, Tampa, Florida

“Medication Management Tips”, USF Health Byrd Alzheimer’s Institute Support Group, September 1, 2011, Tampa, Florida

“Tips on Managing Medications for Alzheimer’s Disease for Healthcare Professionals,” USF Health Byrd Alzheimer’s Institute Geriatric Education Conference, October 26, 2011, December 15, 2011; Tampa, Florida

“Tips on Managing Medications for Alzheimer’s Disease for Caregivers,” USF Health Byrd Alzheimer’s Institute, November 1, 2011, Tampa, Florida

“Pharmacotherapeutic Management of Neurological Disorders in the Geriatric Population,” USF Surviving the “Boom”: An Update in Geriatric Pharmacotherapy Continuing Education Program, May 6, 2012, Tampa, Florida

ANGELA MASSEY HILL, PHARM.D., BCPP CURRICULUM VITAE PAGE 25**PROFESSIONAL PRESENTATIONS CONT'D**

“Tips on Managing Medications for Alzheimer’s Disease for Healthcare Professionals ,” USF Health Byrd Alzheimer’s Institute Geriatric Education Conference; Tampa, Florida, April 11, 2012

“Tips on Managing Medications for Alzheimer’s Disease for Healthcare Professionals ,” USF Health Byrd Alzheimer’s Institute Geriatric Conference, Tampa, Florida; June 20, 2012

“Identifying Medication Related Problems in the Elderly”, 122nd Annual Florida Pharmacy Association Meeting and Convention; Marco Island, Florida, July 6, 2012

“Opportunities for Pharmacists to Provide Geriatric Services, ”122nd Annual Florida Pharmacy Association Meeting and Convention; Marco Island, Florida, July 6, 2012

“Truths and Myths about the Use of Vitamins and Herbals in the Aging Population-Strategies for Patient Encounters” 29th Annual Florida Pharmacy Association Southeastern Gatherin’; Destin, Florida, August 6, 2012

“PolyPharmacy Management...How Do You Really Do It?” 29th Annual Florida Pharmacy Association Southeastern Gatherin’; Destin, Florida, August 7, 2012

RESEARCH

Principle Investigator
Protocol No.: RIS-USA-54
Florida State Hospital, Chattahoochee, Florida
June 1994- September 1994

Research Assistant/Pharmaceutical Consultant
Oral Diflucan Treatment for Tinea Pedis
Tacachale: A Community of Excellence Neuroscience Research Foundation, Inc., Gainesville, Florida
July 1, 1996- December 1996

Psychopharmacology Consultant for Review Committee for Medication Management
Program for Persons with Developmental Disabilities Council
No. LV 190 Florida Product Deliverables Grant
November 1995-1999

Co-Investigator
Protocol: RANA3018
Tallahassee Neurology Clinic; Tallahassee, Florida
September – November 1997

Principle Investigator
Stroke Feasibility Study
Tallahassee Neurology Clinic; Tallahassee, Florida
October- November 1997

Principle Investigator
The Effectiveness of Donepezil (Aricept®) in Adult Patients with
Attention Deficit Disorder
Psychiatric Group of North Florida; Tallahassee, Florida
January 2000 –2001

ANGELA MASSEY HILL, PHARM.D., BCPP CURRICULUM VITAE PAGE 26**RESEARCH CONT'D**

Principle Investigator
Stroke Prevention and Awareness Outcomes Study
Tallahassee Neurology Clinic; Tallahassee , Florida
December 1999- May 2000

Brown Bag Project
Florida A&M University Department of Community Activities and Volunteer Services
Tallahassee, Florida
February 2000- February 2001

Pharmacy Consultant
Protocol: LAM20006/LAM20007
AMO Corporation; Tallahassee, Florida
May 2000 – December 2004

Pharmacy Consultant
Development of Validation of a Model of Prostate Cancer Screening in African-American Men
Florida A&M University Division of Economic, Social, and Administrative Pharmacy
Tallahassee, Florida
October 2000 to October 2004

Study Coordinator
Protocol: LADD-CAT/SL1381 (Adderall XR)
Psychiatric Group of North Florida; Tallahassee, Florida
April 2001 to August 2001

Investigator
Complementary Alternative Medicine Experiential Training Program
Florida A&M University College of Pharmacy; Tallahassee, Florida
April 2001- April 2002

Research Assistant
Protocol Number CD00500 (Metadate CD)
Psychiatric Group of North Florida; Tallahassee, Florida
July 2001 to 2005

Principle Investigator
Diabetes Complication Prevention Project
FAMU COPPS/North Florida Agency on Aging; Tallahassee, Florida
May 2001- 2004

Project Director/Pharmacy Consultant
Alzheimer's Caregiver Community Education and Support System/Alzheimer's Rural Care Healthline
Florida State University; Tallahassee, Florida
June 2004 to 2009

Principle Investigator

RESEARCH CONT'D

Utilizing A Pharmacist to Incorporate Genetic Testing and Counseling in Diagnosing Dementia in African-Americans
 Delta Sigma Theta Endowed Professor Chair
 Florida A&M University College of Pharmacy; Tallahassee, Florida
 July 2004 to 2008

Consultant
 Early Identification of Alzheimer's Disease through Community-Based Memory Screenings
 Tallahassee Memorial Healthcare NeuroScience Center; Tallahassee, Florida
 August 2004 to August 2005

Co-Investigator/Consultant
 A Survey to Determine Influences on Pharmacy Students' Choice of Pharmacy as a Major
 University of Georgia
 Athens, Georgia/Tallahassee, Florida
 September 2004 to September 2005

Principle Investigator
 Assessment of Diagnosing and Treating Depression in Afrocentric Populations
 Florida A&M University College of Pharmacy; Tallahassee, Florida
 December 2004 to December 2005

Pharmacy Consultant
 Elan Protocol #ACC-001-101 (Alzheimer's Vaccine Study)
 AMO Corporation; Tallahassee, Florida
 July 2005 to December 2006

Pharmacy Consultant
 Alzheimer's Biomarker Research Project
 USF Health Byrd Alzheimer's Center
 July 2011 to present

Pharmacy Consultant
 Baxter Study 16202
 USF Health Byrd Alzheimer's Center
 September 2012 to present

Pharmacy Consultant
 Axonna Research Project
 USF Health Byrd Alzheimer's Center
 July 2012 to September 2012

GRANTS

Investigator
 "MEDication COMPLIance Project in Patients with Diabetes"
 Florida Pharmacy Association Foundation Grant February 2002-2003 (\$1,000)

Investigator
 Complementary Alternative Medicine Experiential Training Program
 Florida A&M University College of Pharmacy; Tallahassee, Florida
 April 2001- April 2002 (\$3,000)

ANGELA MASSEY HILL, PHARM.D., BCPP CURRICULUM VITAE PAGE 28**GRANTS CONT'D**

Principle Investigator
 Diabetes Complication Prevention Project
 FAMU COPPS/North Florida Agency on Aging; Tallahassee, Florida
 May 2001 to 2003; (\$5,000)

Principle Investigator
 Utilizing A Pharmacist to Incorporate Genetic Testing and Counseling in Diagnosing Dementia in African-Americans
 Delta Sigma Theta Endowed Professor Chair
 Florida A&M University College of Pharmacy; Tallahassee, Florida
 July 2004 to present; (\$100,000)

Live Oak Geriatric Education Center Consortium Submitted to Department of Health and Human Services March 17, 2005 for (\$400,000).; extension grant submitted February 2006

“Medication Environmental Safety and Education Project”, . (Co-Investigator; Principle Investigator: Patty Ghazvini, Pharm.D.) Submitted to FAMU/HSPH Project Choice May 2005 (\$6,182.00)

“One Cause ~ One Cure: Sister to Sister.” Submitted to the American Cancer Society; May 22, 2006 (\$3,000)

“FAMU/ Apalachee Mental Health Hospital Pharmacy/Residency Program,” Project Manager, July 2007 to 2011 (\$280,000 annually)

“Pharmacist-Assisted Tobacco Cessation Quit Intervention and Follow-up Program,” Florida State University College of Medicine; July 2007 to 2011; (\$14,000 annually)

“Smoking Cessation Training Grant”, Big Bend AHEC, Tallahassee, Florida, (\$7,500)

POSTER PRESENTATIONS

Massey A. “Economic Impact of Treating Chronic Constipation”
 American Society of Consultant Pharmacists Convention
 San Francisco, California; November, 1995

Massey A, Bates, E. “Development of a Drug Information Service for Patients with Developmental Disabilities”; American Society of Health-Systems
 Pharmacists Clinical Midyear Meeting; Atlanta, Georgia; December 9, 1997.

Massey A. “MEDication COMPLIance Project in Patients with Diabetes”, 126th Annual Florida Pharmacy Association Convention, Hollywood, Florida, June 20, 2002

Mahdavian S, Singh A, Ghazvini P, Hill A, et al. “Medication Management Services Provided in a Neuroscience Center” 2012 College of Psychiatric and Neurologic Pharmacists Annual Meeting; Tampa, Florida; April 30, 2012

Moore T, Dharia S, Hill A. “Utilization of Practice Faculty in the Development of Neuro/Psych Geriatric Pharmacy Services in a Health Science Center” 2012 College of Psychiatric and Neurologic Pharmacists Annual Meeting; Tampa, Florida; April 30, 2012

Koenig M, Serag E, Schwartz A, Hill A, et al. “UnBULLievable” Interprofessional Opportunities at the University of South Florida College of Pharmacy. 2012 AACP Annual Meeting, Kissimmee, Florida; July 16, 2012

ANGELA MASSEY HILL, PHARM.D., BCPP CURRICULUM VITAE PAGE 29**POSTER/RESEARCH PRESENTATIONS CONT'D**

Hill A, Pathak Y, Limaye R, Nagle R. "Analysis of the Integration of Public Health Principles in Pharmacy Curricula," 2012 AACP Annual Meeting, Kissimmee, Florida; July 16, 2012

Barboza J, DeBruin A, Brown R., Hill A, et al. "Integration of Service Learning Activities Into Introductory Pharmacy Practice Experiences," 2012 AACP Annual Meeting, Kissimmee, Florida; July 17, 2012

STUDENT-MENTORED POSTERS

Lanier D., Smith D, Massey A. "Cost-Savings Analysis of the Clozaril Patient Support Program"
Florida State Hospital Pharmacy Fair, FAMU MBRS Student Research Poster Program; October, 1995

Crawford A., Wilson V, Massey A. "Valproic Acid Utilization in Patients on Clozaril." Florida State Hospital Pharmacy Fair, FAMU MBRS Student Research Poster Program; October, 1995

Lanier, D., Smith, D., Massey A. "Use of Metoclopramide & Cisapride in a Psychiatric Hospital"
Florida State Hospital Pharmacy Fair. FAMU MBRS Student Research Poster Program; October, 1995

Edmonds, K., McKinnon A , Massey A. "Comparison of Prescription vs OTC H-2 Antagonists"
Florida State Hospital; October, 1995 FAMU MBRS Student Research Poster Program

Huynh M., Ellis K, Smith G. "Attention Deficit Disorder and It's Treatment"1997 Pharmacy Week Project

Hills M., Moore D. "GERD and Its Treatment" 1997 Pharmacy Week Project

Lanier D, Newman D. "Lead Toxicity and ADHD" Children's Mental Health Program; October 1997

Davis R, Dunbar S, Taylor-Graham C, Massey A. "Assessment of the Role of Pharmacists in the Current Managed Care Era".
Florida A&M University College of Pharmacy 22nd Annual Clinical Pharmacy Symposium; February 21, 1998

Ghazvini P, Richie C, Massey, A. Evaluation of Non-Compliance in Patients with Neurological Disorders.
FAMU Minority Biomedical Research Symposium Student Research Poster Program; November 13, 1998

Ghazvini P, Richie C, Massey, A. Evaluation of Non-Compliance in Patients with Neurological Disorders.
33rd American Society of Health-Systems Pharmacists Clinical Midyear Meeting; December 9, 1998

Sanon V, Massey A. The Use of Conventional and Nonconventional Medications in a Memory Disorder Clinic.
FAMU Minority Biomedical Research Symposium Student Research Poster Program; November 5, 1999

Ferrell K, Massey A, Scrivens J, Xiao H, Larouse M, Odedina F. African-American Men and Prostate Cancer Screening. FAMU Minority Biomedical Research Symposium Student Research Poster Program, November 5, 1999

Gendi M, Soliman G, Ucheoma J, Clark S, McGrier R, Hall K, Massey A. The Effectiveness of Smoking Cessation Aids. FAMU Minority Biomedical Research Symposium Student Research Poster Program
November 5, 1999

Martin A, Hayward P, Cummings L, Abebe D, Massey A. Prevalence of ADHD in Females and Adults. FAMU Minority Biomedical Research Symposium Student Research Poster Program
November 5, 1999

Terrell CA, Frazier VT, Massey A. Relationship of Education and Occupation to the Development of Alzheimer's Disease, 34th American Society of Health-Systems Pharmacists Clinical Midyear Meeting, December 8, 1999

ANGELA MASSEY HILL, PHARM.D., BCPP CURRICULUM VITAE PAGE 30

STUDENT-MENTORED POSTER/RESEARCH PRESENTATIONS CONT'D

Mills ST, Bullock SW, Massey A. Analysis of the Efficacy of Stroke Prevention Measures. 34th American Society of Health-Systems Pharmacists Clinical Midyear Meeting, December 8, 1999

Sanon V, Massey A. The Use of Conventional and Nonconventional Medications in a Memory Disorder Clinic. 34th American Society of Health-Systems Pharmacists Clinical Midyear Meeting, December 8, 1999

Stackhouse S, Marr T, Emanuel (Massey) A, Abebe D. The Effectiveness of Donepezil(Aricept®) in Adult Patients with Attention Deficit Disorder. Minority Biomedical Research Symposium Student Research Poster Program November 3, 2000.

McGee M, Emanuel (Massey) A. Assessment of Risk Factors and Recurrence of Febrile Seizures in Children. Minority Biomedical Research Symposium Student Research Poster Program November 3, 2000.

McGrier R, Emanuel (Massey) A. Assessment of Outcomes in Patients Receiving Acetylcholinesterase Inhibitors for the Treatment of Alzheimer's Disease. Minority Biomedical Research Symposium Student Research Poster Program November 3, 2000.

Stackhouse S, Marr T, Emanuel (Massey) A, Abebe D. The Effectiveness of Donepezil(Aricept®) in Adult Patients with Attention Deficit Disorder. American Society of Health-Systems Pharmacists Clinical Mid-Year Meeting. Las Vegas, Nevada; December 6, 2000.

Shopade AA, Emanuel (Massey) AM. Community-Based Stroke Prevention Project. Minority Biomedical Research Symposium Student Research Poster Program. November 4, 2001.

Marks E, Emanuel (Massey) A, Dijkstra K, Bourgeois M, Hall K. Assessment of Use of Cognitive Impairing Medication in Patients Receiving Aricept. Minority Biomedical Research Symposium Student Research Poster Program. November 4, 2001.

Campbell C, Savoy R, Emanuel (Massey) A. Assessment of Sleep Patterns in Women Across the Lifespan. 36th Annual ASHP Midyear Clinical Meeting, New Orleans, Louisiana; December 4, 2001.

Prevalence of Depression in Ambulatory Patients Being Screened for Memory Disorders. Presented at 2002 FAMU MBRS/RCMI Student Research Forum, Tallahassee, Florida November 8, 2002 & 37th American Health-Systems Pharmacists Midyear Clinical Meeting, Atlanta, Georgia. December 10, 2002

Hardaway D, Emanuel (Massey) A. Detection of Diabetic and Non-Diabetic Neuropathy with Tacticonâ Device and the Monofilament Test. Presented at –36th Annual Florida Society of Health Systems Pharmacists Annual Convention, Orlando, Florida , August 2002, 2002 FAMU MBRS/RCMI Student Research Forum, Tallahassee, Florida, November 8, 2002 & 37th American Health-Systems Pharmacists Midyear Clinical Meeting, Atlanta, Georgia , December 10, 2002, 26th Annual FAMU COPPS Clinical Pharmacy Symposium, Tallahassee, Florida; April 2003.

Smith S, Thomas S, Gendi M, Emanuel (Massey) A . Diabetes Care: What are Pharmacist's Doing? Presented at 2002 FAMU MBRS/RCMI Student Research Forum , Tallahassee, Florida, November 8, 2002 & 37th American Health-Systems Pharmacists Midyear Clinical Meeting, Atlanta, Georgia , December 10, 2002

Thomas S, Smith S, Gendi M, Emanuel (Massey) A. Dietary Intervention Project in Patients with Diabetes. Presented at 2002 FAMU MBRS/RCMI Student Research Forum, Tallahassee, Florida, November 8, 2002 & 37th American Health-Systems Pharmacists Midyear Clinical Meeting, Atlanta, Georgia; December 10, 2002

ANGELA MASSEY HILL, PHARM.D., BCPP CURRICULUM VITAE PAGE 31**STUDENT-MENTORED POSTER/RESEARCH PRESENTATIONS CONT'D**

Gendi M, Smith S, Thomas S, Emanuel (Massey) A. Amputation Prevention Project in Patients with Diabetes. Presented at 2002 FAMU MBRS/RCMI Student Research Forum, Tallahassee, Florida; November 8, 2002

Boston N, Emanuel (Massey) A. Use of Alternative Therapies in Patients with HIV/AIDS. Presented 37th American Health-Systems Pharmacists Midyear Clinical Meeting, Atlanta, Georgia; December 10, 2002

Symes P, Ghazvini P, Emanuel (Massey) A. The Use of Alternative Therapies in Patients Screened for Memory Disorders. Presented at 2002 FAMU MBRS/RCMI Student Research Forum, Tallahassee, Florida; November 8, 2002

Poole C, Emanuel (Massey) A. Polypharmacy in Geriatric Drug Regimens . Presented at 113th Florida Pharmacy Association Meeting, Wesley Chapel, Florida; June 13, 2003; 2003 FAMU MBRS/RCMI Student Research Forum, Tallahassee, Florida; October 10, 2003.

Mikhael S, Mikhail S, Massey A. Pharmacoeconomic Considerations of Psychotropic Polypharmacy in an Acute Psychiatric Facility. Florida A&M University College of Pharmacy 27th Annual Clinical Pharmacy Symposium; Tallahassee, Florida; February 27, 2004.

Touchstone K, Stark L, Massey A. Assesment of Patient Satisfaction with Clinical Pharmacy Services in a Memory Disorder Clinic. 2004 FAMU MBRS/RCMI Student Research Forum, Tallahassee, Florida; November 5, 2004; American Society of Health-Systems Pharmacists 39th ASHP Midyear Clinical Meeting and Exhibits; Orlando, Florida; December 7, 2004

Davis M, Oates K, Massey A. Perception of Depression in Afrocentric Populations. 2005 MBRS/RCMI Student Research Forum, Tallahassee, Florida , 40th American Society of Health-Systems Pharmacists Midyear Clinical Meeting, December 6, 2005, Las Vegas, Nevada.

Wilcox Y, Smith D, Massey A. Assessment of the Prevalence and Treatment of Depression in the Ambulatory Care Setting, Florida A&M University College of Pharmacy 29th Annual Clinical Pharmacy Symposium; Tallahassee, Florida; February 25, 2007, Tallahassee, Florida.

Brooks K, Casto A, Massey A. Medication Environmental Safety and Education Project: Perception of Pharmacists and Pharmacy Students about the Proper Disposal of Expired Medications, Florida A&M University College of Pharmacy 29th Annual Clinical Pharmacy Symposium; Tallahassee, Florida; February 25, 2007, Tallahassee, Florida

Fede L, Williams J, Johnson A, McMillan A, Hill A. Evaluating Education Level and Other Risk Factors in the Development of Memory Loss. 42nd American Society of Health-Systems Pharmacists Midyear Clinical Meeting; December 5, 2006, Las Vegas, Nevada

Dike U, Smith L, Lloyd T, Williams J, Ghazvini G, Singh A, Robinson R, Mack L, Hill A. Close F. Medication Environmental Safety and Education Program; Florida Pharmacy Association Annual meeting, June 2008, Marco Island, Florida; Florida Health-Systems Pharmacists Annual meeting, August 2, 2008, Orlando, Florida; and FAMU MBRS/RCMI Student Research Forum, October 9, 2009, Tallahassee, Florida

Spohn S, Gardener T, Hill A. Use of Commonly Used Controlled Substances Among College Students. 46th American Society of Health-Systems Pharmacists Midyear Clinical Meeting; December 6, 2010, Anaheim, California

Brown A, Forbes J, Asong G, Hill A. Evaluating Medicinal and Dietary Contribution of Gluten in Depressive Disorders, FAMU MBRS/RCMI Student Research Forum, October 14, 2010, Tallahassee, Florida and the 46th American Society of Health-Systems Pharmacists Midyear Clinical Meeting; December 6, 2010, Anaheim, California

ANGELA MASSEY HILL, PHARM.D., BCPP CURRICULUM VITAE PAGE 32

STUDENT-MENTORED POSTER/RESEARCH PRESENTATIONS CONT'D

REFERENCES

Available upon request.

10/12

Shelly W. Holmström, M.D.
Assistant professor of Obstetrics and Gynecology
Curriculum Vitae

Personal Information

Business Address: Department of Obstetrics and Gynecology
University of South Florida
2 Tampa General Circle, STC 6th floor
Tampa, FL 33606 USA

Telephone: (813)259-8500
Fax: (813)259-8593
Pager: (813)332-8506
E-mail: sholmstr@health.usf.edu

Home address: 633 Bosphorous Avenue
Tampa, FL 33606

Telephone: (813)251-2594
Cell: (813)394-1668
Legal residence: USA

Education

1998-2002 Residency
Department of Obstetrics and Gynecology
Memorial Health University Medical Center
Savannah, GA

1994-1998 Medical School
University of Florida College of Medicine
Gainesville, FL

1990-1994 College
B.S. in Biology (Magnum cum laude)
Florida State University
Tallahassee, FL

Appointments

2012-present	Associate Professor Department of Obstetrics and Gynecology University of South Florida College of Medicine Tampa, FL
2004-2012	Assistant Professor Department of Obstetrics and Gynecology University of South Florida College of Medicine Tampa, FL
2007-present	Clerkship director of Maternal Newborn Clerkship University of South Florida College of Medicine Tampa, FL
2005-2007	Clerkship co-director of Surgical Care Clerkship University of South Florida College of Medicine Tampa, FL
2003-2004	Assistant Professor Department of Obstetrics and Gynecology Mercer University School of Medicine Savannah, GA
2001-2002	Chief Resident Department of Obstetrics and Gynecology Memorial Health University Medical Center Savannah, GA

Certification/Licensure

Diplomate, American Board of Obstetrics and Gynecology
Florida Medical License (ME 90048), current
Georgia Medical License (48194), current

Professional Memberships and Activities

Memberships

2004-present	Fellow, American College of Obstetricians and Gynecologists
2009-present	Association of Professors of Obstetrics and Gynecology
2004-present	Florida Obstetrics and Gynecology Society
1994-present	Phi Beta Kappa

National and State Activities

	Florida Obstetrics and Gynecology Society
2011-2012	President Elect
2010-2011	Vice President
2009-2010	Treasurer
2007-2009	Membership recruitment chair
	American College of Obstetricians and Gynecologists
2010-present	Council on Resident Education in Obstetrics and Gynecology (CREOG), Education committee member
2007-present	Junior Fellow Advisor of District IV
2005-2006	Congressional Legislative Conference participant
2005-2006	Council of Resident Education on Obstetrics and Gynecology (CREOG), In-service examination committee
2004-present	Junior Fellow Advisor of Florida section
2004-present	Media panel representative
2004-2005	Junior Fellow Past Chair of District IV
2003-2004	Junior Fellow Chair of District IV
2002-2003	Junior Fellow Vice Chair of District IV
2001-2002	Junior Fellow Chair of Georgia section
2000-2001	Junior Fellow Vice Chair of Georgia section

University of South Florida College of Medicine Committees

2008-present	Curriculum committee
2006	Committee for Educational resources: Information Technology
2004-2008	Faculty Council

Honors and Awards

2011	Selected for Association of American Medical Colleges (AAMC) Early Career Women Faculty Professional Development Seminar
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- 2010 Association of Professors of Gynecology and Obstetrics (APGO)
Excellence in Teaching Award
- 2009 Selected for American College of Obstetrics and Gynecology
Leadership Institute at the University of North Carolina, Chapel Hill
- 2009 Selected for Association of Professors of Gynecology and
Obstetrics Scholars and Leaders Program
- 2006 American College of Obstetrics and Gynecology Outstanding
Service Award for CREOG Examination Committee
- 2002 First Place, American College of Obstetricians and Gynecologists
Annual Clinical Meeting for paper entitled, "A Prospective
Randomized Comparison of the Endocervical Brush and the
Endocervical Curette"
- 2002 Ortho-McNeil Award for highest CREOG Examination score
- 2000 Second Place, American College of Obstetrics and Gynecology
District IV Annual District Meeting for oral presentation entitled,
"Comparison of the Endocervical Brush to the ECC for the
Evaluation of Endocervical Canal Immediately Post-conization"
- 2000 Second Place, Medical Association of Georgia for paper entitled,
"Comparison of the Endocervical Brush to the ECC for the
Evaluation of Endocervical Canal at the Time of Colposcopy"

Presentations

National and Regional Presentations

- 2011 "Simulation Training in the Maternal Newborn Clerkship: A
Randomized Controlled Trial"
Poster presentation at annual Association of Professors of
Gynecology and Obstetrics (APGO)/Council on Resident
Education in Obstetrics and Gynecology (CREOG) in San
Antonio, TX
- 2011 "Hemoglobin A_{1C} as a Predictor of Fetal Macrosomia"
South Atlantic Association of Obstetricians and Gynecology:
Invited Speaker at annual meeting in Hot Springs, VA

- 2008-2010 Introduction to Residency and a Career in Obstetrics and Gynecology” Medical Student course at the District IV Annual District Meeting
- 2004 “Intimate Partner Violence in Pregnancy”, Grand Rounds Memorial Health University Medical Center Savannah, GA
- 2002 “A Prospective Randomized Comparison of the Endocervical Brush and the Endocervical Curette” ACOG Annual Clinical Meeting, oral presentation
- 2000 “Comparison of the Endocervical Brush to the ECC for the Evaluation of Endocervical Canal Immediately Postconization” ACOG District IV, oral presentation
- 1999 “Comparison of the Endocervical Brush to the ECC for the Evaluation of Endocervical Canal at the Time of Colposcopy” ACOG District IV, oral presentation

Local Presentations

- 2009-present “Prevention and Treatment of Osteoporosis” Tampa General Hospital community speaker
- 2009 & 2011 “Lower Genital Tract Infection” presentation to resident physicians University of South Florida
- 2008 “Early Detection and Treatment of Cervical Cancer” Tampa General Hospital community speaker
- 2008 “Health News Below Your Super Hero Belt: For Women and Girls in Their Lives”
Speaking of Women’s Health: Invited Speaker
Tampa Convention Center
- 2006-present “Talking to Your Children about Sex” Tampa General Hospital community speaker
- 2005-2006 “Coding 101: The Basics” presentation to resident physicians University of South Florida
- 2005 “Intimate Partner Violence in Pregnancy”
Department of Obstetrics and Gynecology University of South Florida Midwinter’s Seminar
- 2004-present “Your Daughter is Maturing” Tampa General Hospital community speaker
- 2004 “Intimate Partner Violence in Pregnancy”, Grand Rounds University of South Florida Tampa, FL

Publications

Peer Reviewed

Holmström SW, Downes K, Mayer JC, Learman LA. Simulation Training in an Obstetric Clerkship: A Randomized Controlled Trial. *Obstet Gynecol*. 2011;118(3):649-54.

Lynch CM, Spellacy WN, **Holmström SW**. Successful Zavanelli maneuver performance during difficult shoulder dystocia deliveries. Submitted for publication to *Obstetrics and Gynecology*.

Holmström SW, Botelho J, Downes K, Lynch C. Hemoglobin A1C as a Predictor of Fetal Macrosomia. Submitted for publication to *Journal of Reproductive Medicine*.

Holmström SW, Barrow BP. Postpartum Ovarian Vein Thrombosis causing severe Hydronephrosis. *Obstet Gynecol* 115: 452-4, 2010.

Desai N, Parson AK, **Holmström SW**. A painful reminder: The patient had sharp abdominal pain and a complicated medical history. *Am J Obstet Gynecol* 2010;202:405.e1-2.

Holmström SW, Burke JJ, Pare L, Smith D, Gallup DG. A Prospective Randomized Comparison of the Endocervical Brush and the Endocervical Curette. *Obstet Gynecol* 99:54, 2002.

Non-Peer Reviewed

Holmström, SW "What Should I Eat for a Healthy Pregnancy?" Tampa Tribune 14 March 2009: Ask the Expert

Holmström, SW "How Can I Ease Menstrual Cramps?" Tampa Tribune 24 Jan 2009: Ask the Expert

Holmström, SW "What does an Abnormal Pap Test Mean?" Tampa Tribune 11 Oct 2008: Ask the Expert

Holmström, SW "What is HPV and how can I Protect Myself?" Tampa Tribune 2 Aug 2008: Ask the Expert

Holmström, SW "Should I Be Worried about Abnormal Uterine Bleeding?" Tampa Tribune 22 March 2008: Ask the Expert

Holmström, SW "What Are the Latest Birth Control Options?" Tampa Tribune 5 Jan 2008: Ask the Expert

Holmström, SW "What Pregnancy Risks Do Older Women Face?" Tampa Tribune 22 Sept. 2007: Ask the Expert

Holmström, SW "How Safe is Giving Birth?" Tampa Tribune 4 Aug 2007: Ask the Expert

Book Chapters

Claudia S. P. Fernandez, Herbert B. Peterson, Shelly W. Holmström and AnnaMarie Connolly (2012). Developing Emotional Intelligence for Healthcare Leaders, Emotional Intelligence - New Perspectives and Applications, Annamaria Di Fabio (Ed.), ISBN: 978-953-307-838-0, InTech, Available from:

<http://www.intechopen.com/articles/show/title/developing-emotional-intelligence-for-healthcare-leaders>

Research Funding

- | | |
|-----------|---|
| 2001 | Tocolysis with Advanced Cervical Dilatation |
| 2000-2002 | Comparison of the Pain Associated with the Endocervical Brush and the ECC for the Evaluation of the Endocervical Canal at the Time of Colposcopy |
| 2009-2010 | Title: A double-blind, randomized, placebo- and active-controlled efficacy and safety study of the effects of Bazedoxifene/Conjugated Estrogens combinations on endometrial hyperplasia and prevention of osteoporosis in postmenopausal women.
Sponsor: Wyeth Research (now Pfizer)
Sponsor's Protocol # 3115A1-3307-WW
USF IRB #: 107823
PI: Catherine Lynch MD, Role: researcher |

Research Mentoring

- | | |
|-----------|--|
| 2011 | Counseling Patients for Vaginal Birth after Cesarean
Resident physician mentored: Hillary Kufahl, MD |
| 2011 | Co-morbidities of the Super Obese in Pregnancy
Resident physician mentored: Jeanmarie Texier, MD |
| 2010 | Previous Cesarean Delivery Surgical Technique and Risk of Placenta Previa and Cesarean Hysterectomy
Resident physician mentored: Karen Matta-Toomey, MD |
| 2008 | SurePath versus ThinPrep: A Retrospective Analysis
Resident physician mentored: Krista Kant, MD |
| 2007-2008 | Fetal Fibronectin and Cervical Length
Resident physician mentored: Amy Sorrells, MD |
| 2007 | Cesarean Delivery and Post-operative Pain Management with Local Anesthetic
Resident physician mentored: Aaron Deutsch, MD |

First place award at Resident Research Day

2006-2007 A Retrospective Review of Intra-operative Factors at the Time of
Cesarean Delivery that Influence Post-operative Course
Resident physician mentored: Evelyn Serrano, MD
First place award at Resident Research Day 2006
Second place award at Resident Research Day 2007

Teaching Activities

2007-present	Clerkship director, Maternal Newborn Clerkship (BCC7134)
2007-present	Lecturer, Evidence Based Medicine (BMS6835) "Abnormal Uterine Bleeding" lecture "Basic Infertility Evaluation" lecture "Female Sexual Dysfunction" lecture
2006-present	Faculty, Physical Diagnosis II (BMS 6830), supervisor of pelvic examination skills on standardized patients
2006-present	Faculty, James Ingram Mid-winter Seminar in Obstetrics and Gynecology
2005-present	Attending, Maternal Newborn Clerkship (BCC7134)
2005-2007	Clerkship Co-director, Surgical Care Clerkship (BCC7164)
2005-present	Attending, Surgical Care Clerkship (BCC7164)
2005-present	Attending, Primary Care and Special Populations (BCC7184)
2005-present	Attending, Independent Studies in Obstetrics and Gynecology (MEL999-0)
2005-present	Advisor, Resident Research Projects
2005-2006	Attending, Honors Surgery module on Hysterectomy (MEL7185)
2004-2005	Attending, Obstetrics and Gynecology Clerkship (BCC6130)

CURRICULUM VITAE

William E. Johnson

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12901 Bruce B. Downs Blvd. MDC 008
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E-mail: wjohnso3@health.usf.edu

Education

1997- Northern Arizona University, Flagstaff, AZ
Ph.D. in Biology, emphasis in Functional Morphology and Physiology
1990- The Johns Hopkins University, Baltimore, MD.
M.S. in Education
1986- University of Colorado, Boulder, CO
B.A. in Psychology
1980- University of Maryland, College Park MD
B.A. in General Studies

Academic Experience/Employment

July, 2011- present- **Assistant Professor, Physiology Educator; Course Director BMS 6649 GI, Excretory and Reproductive Physiology; Course Director Medical Physiology Master of Science Pre-Professional Program-** course director and lecturer in GI physiology and neuroscience topics in integrated medical curriculum for MS year 1; Facilitator for Clinical Problem Solving BMS 6832 class; Co-director, Integrated Medical Sciences post baccalaureate program; Lecturer in graduate neuroscience and physiology courses. Committee work listed in Committees section

November, 2009-July, 2011- **Assistant Professor, Associate Course Director**, University of South Florida Health, College of Medicine, Dept. of Molecular Pharmacology and Physiology, Tampa, FL. Associate course director Course 2 BMS 6641 Neuroscience lecturer on senses, amygdala and fear and emotion, and Course 4 BMS 6639 Excretory and Reproductive Physiology, lecturer in GI physiology digestive system function and regulation; lecturing in graduate class Systems Physiology and Pharmacology in GI physiology; Facilitator for evidence based clinical reasoning (EBCR) course BMS 6836 for first year, and second year EBCP BMS 6835.

August, 2007- May 2009- **Biology Instructor**, Dept. Math Science, Dale Mabry campus Hillsborough Community College, Tampa FL- Taught Human Anatomy and Physiology, Lecture and Laboratory; Introduction to Nutrition, Lecture and Laboratory; and Human Biology, Lecture and Laboratory

January, 2005- June, 2007- **Visiting Assistant Professor**, Environmental and Occupational Health, College of Public Health, University of South Florida, Tampa, FL.
Lecturer for Introduction to Health and Wellness, Human Structure and Function, and Introduction to Environmental Health; Member of Undergraduate Program Committee for Public Health. Conducted NIEHS supported pilot study in pesticide exposure in ornamental plant farm workers.

August 2003- Dec. 2004- **Post Doctoral Research Associate**, Dept. of Chemistry, Northern Arizona University (NAU). Funded by Proposition 301 in Arizona: Initiative for environmental health research, investigating the roles of tungsten, arsenic and uranium in mutagenesis.

April, 2001- August, 2003- **Assistant Director**, Arizona Comprehensive Health Careers Opportunity Program (HCOP). Funded through Health Resources Service Administration (HRSA; D 18HP03039, John Sciacca, Ph.D., PI. Award \$2.1 million for 2000-5). HCOP is designed to provide assistance to pre-health profession students from disadvantaged backgrounds.

August, 1999-Jan. 2003- **MPH program director**, NAU- Coordinated Arizona graduate program in public health in Flagstaff for College of Health Professions, NAU and U. of Arizona College of Public Health.

August, 1999- Dec., 2001- **Lecturer**, Northern Arizona U. Department of Biological Sciences, Introduction to Biology, Biology of Stress, Comparative Vertebrate Anatomy

Sept. 1998- July, 1999- **Research Associate, University of Arizona College of Medicine**

August, 1998- June, 1999- **Research Assistant Professor, NAU Biological Sciences**

June, 1998- **Science Resource Expert, NAU Environmental Science Day Camp**

Spring, 1998- **Laboratory Instructor, NAU Biological Sciences BIO 202 Human Anatomy and Physiology**

Summer, 1997- **Laboratory Instructor, NAU Biological Sciences BIO 100 Introduction to Biology.**

Spring, 1997- **Teaching Assistant, Animal Physiology BIO 425L and Introduction to Animal Biology BIO 190L.**

July, 1991- Dec., 1997- **Research Assistant**, Northern Arizona University, Flagstaff, AZ.
Catherine R. Propper, Ph.D., major advisor

Sept.- Dec., 1994- **Teaching Assistant, Animal Physiology BIO 325L**, Northern Arizona University,

June-July, 1993- **Science Instructor**, Nizhoni Academy, Educational Support Program, Northern Arizona University, Flagstaff, AZ 86011.

Aug., 1990- May, 1991- **Biology, Life Science and Language Arts Teacher**, Greyhills High School, Tuba City AZ

Oct., 1988-June 1990- **Research Pharmacologist**, Nova Pharmaceutical Co., Baltimore, MD. Lisa Conti, Ph.D., supervisor.

May, 1987-April, 1988- **Mental Health Worker**, Sheppard-Enoch Pratt Hospital, Towson, MD

May, 1986-Sept.1986- **Research Assistant**, University of Colorado, Boulder, CO.

August, 1984- May, 1985- **Quality Control Inspector**, Chaparral Industries, Denver, CO

April 1982-May 1984- **Quality Control Manager**, Molitor Industries, Englewood, CO.

March, 1980- May 1981- **Microbiologist**, Burton-Parsons/ALCON, Washington D.C.

Committees served

USF Health

- 2013-5 appointed for Membership Committee, American Physiology Society
- 2011-14 Continuing Professional Development Committee, Morsani College of Medicine
- 2011-present Morsani COM Academic Progress Review Committee as course director, voting member
- 2010-present APRSC- academic progress review subcommittee for School of Physical Therapy
- 2010-present Medical Education committee, Dept. of Mol. Pharm. Physiol., USF Health
- 2010-present Medical Curriculum Committee, College of Medicine USF
- 2011-present Medical Admissions committee, Morsani College of Medicine
- 2011-present MD/MPH Pipeline Curriculum committee, Morsani College of Medicine
- 2010-present Year 1 revitalization curriculum committee, College of Medicine, USF Health
- 2005-2007 Undergraduate Advisory Committee, College of Public Health, USF

NAU

- 2002 Member of the review panel for the Regents Innovation Fund LCE Grants, Arizona Board of Regents
- 2001-2 Statewide committee for evaluation of School of Public Health program in preparation for Accreditation Review.
- 1999-2003 Executive and Operations Committees, Arizona Graduate Program in Public Health1
- 1998-9 Undergraduate Program Committee, Biological Sciences, NAU 992-3 Biology Seminar
- 1994- Cell Biology/EM facility director search committee.

HCC

- 2008-9 HCC Dale Mabry Campus Advisory Council, alternate

Grant Awards

PI for Health Resources and Services Administration Scholarships for Disadvantaged Students- grants awarded \$22,937 in 2010-11; in 2011-12, \$48,418 – provided tuition and educational funds for College of Medicine students at University of South Florida.; monitoring progress of COM disadvantaged students, quarterly progress reports to HRSA.

National Institute Occupational Safety and Health- Sunshine Environmental Research Center, USF Tampa - Pilot Project Research Grant- Evaluating and reducing risk of pesticide exposure in Florida fern farm workers in Apopka FL - awarded grant 6/05; \$11, 475.

Arizona Board of Regents Innovative Fund for Learner Centered Education 2003 Improving Recruitment and Retention in the College of Health Professions through Health Careers Opportunity Program Curriculum Innovations: Award- \$10,350- Enhancing summer preparatory curriculum and testing disadvantaged, pre-health students for self efficacy changes

Health Resources and Services Administration Scholarships for Disadvantaged Students- awarded \$72,000 in 2002-3, awarded \$23,000 in 2003-4 to support Master of Public Health students at NAU from disadvantaged backgrounds.

President's Recruitment and Retention Grant 2003- awarded \$2,500 Health Careers Opportunity Program NAU Week- recruitment program designed to introduce and recruit rising high school juniors to health career programs and academic services at Northern Arizona University.

Publications

- Johnson, W.E.**, Hillyard, S.D. and Propper, C.R. (2010). Plasma and brain angiotensin concentrations associated with water response behavior in the desert anuran, *Scaphiopus couchii* under natural conditions in the field. *Comp. Biochem. Physiol. Part A*, **157**, 377-381.
- Baldwin, A.L., Primeau, R.L. and **Johnson, W.E.** (2006). Effect of noise on the morphology of the intestinal mucosa in laboratory rats. *J. Amer. Assoc. Lab. Animal Sci.*, **45**(1), 74-82.
- Johnson, W.E.** and Propper, C.R. (2000) Effects of dehydration on plasma osmolality, thirst-related behavior, and plasma and brain angiotensin concentrations in Couch's spadefoot toad, *Scaphiopus couchii*. *J. Experimental Zoology*, **286**, 572-584.
- Propper, C.R., Hillyard, S.D. and **Johnson, W.E.** (1995). Central angiotensin II induces thirst-related responses in an amphibian. *Hormones and Behavior*, **29**, 74-84.
- Propper, C.R. and **Johnson, W.E.** (1994). Angiotensin II induces water absorption behavior in two species of desert anurans. *Hormones and Behavior*, **28**, 41-52.
- Barnes, C.A., Green, E., Baldwin, J.A. and **Johnson, W.E.** (1987). Behavioral and neurophysiological examples of functional sparing in senescent rat. *Canadian Journal of Psychology*, **41**(2), 131-140.

Published Abstracts/Poster Presentations

- Smith, S., **Johnson, W.E.**, et al. (2012) Mentoring and Teaching by Medical Education and Health Disparities Scholarly Concentration Students. IAMSE 16th annual meeting, Portland, OR
- Seyfang, A., Nazian, S. J., Saporta, S., Doupnik, C. A., **Johnson W.E.**, and Stevenson, F.T. (2012) Assessment of an adjusted vs. a fixed passline for student performance in a medical school curriculum. IAMSE 16th annual meeting, Portland, OR
- Johnson, W. E.**, Bahner, I. and Nazian, S. J. (2011) Integrated curriculum in year one: Students' views at University of South Florida College of Medicine. IAMSE 15th annual meeting St. Petersburg, FL
- Preuss, C., Doupnik, C. Arslan, O., **Johnson, W.** and Pathak, Y. (2011) Selection of a Faculty Peer-Review Instrument for the Assessment of Medical Science Lecturing during the Pre-Clerkship Medical Curriculum. IAMSE 15th annual meeting St. Petersburg, FL
- Bahner, I., Jackson, S., **Johnson, W.**, Smith, S., and Nazian, S. (2011) Outcome Assessment of the Special Route of Entry Program for the Underserved and Disadvantaged Students at

the College of Medicine of the University of South Florida. IAMSE 15th annual meeting
St. Petersburg, FL

Johnson, W.E. (2010) Improving Recruitment and Retention of Disadvantaged Pre-Health Students Through Enhanced Summer Program. Human Anatomy and Physiology Society Annual Meeting, Denver, CO. May, 2010.

Yazzie, M., **Johnson, W.**, Shelley, J.T., Allison, H.M., Lantz, R.C., and Stearns, D.M. (2005). Cytotoxicity, genotoxicity, and mutagenicity of combined exposures of uranyl acetate and sodium arsenite in CHO cells. *Society of Toxicology*, 159, p33-34.

Johnson, W.E., Sciacca, J. and Diskan, L. (2002) Arizona Comprehensive Health Careers Opportunity Program. Bureau of Health Professions, US Dept of Health and Human Services, HRSA Annual Project Directors Meeting, April 7-9, 2002, 2.

Johnson, W.E., Propper, C.R., and Hillyard, S. (1998) Effects of dehydration on plasma and brain angiotensin in anurans: association with thirst-related behavior. *The Physiologist*, **41**(5), 4.

Johnson, W.E., Propper, C.R. and Harvey, L. (1995). Osmotic threshold for water absorption response (WR) behavior in *Scaphiopus couchii*. *American Zoologist*, **35**(5), 382.

Hillyard, S.D., Propper, C.R., **Johnson, W.E.**, Paxton, W.G., Marrero, M.B., and Bernstein, K. E. (1994). Centrally administered angiotensin II stimulates water absorption response (WR) behavior in toads, *Scaphiopus couchii*. *FASEB*, **8**, A574.

Johnson, W.E. and Propper, C.R. (1993). Effects of temperature and dehydration on feeding behavior of the great plains toad, *Bufo cognatus*. *American Zoologist*, **33**(5), 344.

Johnson, W.E. and Propper, C.R. (1992). Water absorption response behavior in the great plains toad, *Bufo cognatus*: Effects of angiotensin II, saralasin, and captopril. *Society for Neuroscience*, **18**(1), 373.16.

Propper, C.R., **Johnson, W.E.** and Prior, D.J. (1992). The effects of angiotensin II on water absorption response behavior in the spadefoot toad, *Scaphiopus couchii*. *Society for Neuroscience*, **18**(1), 373.15.

Invited Presentations

Johnson, W.E. (2011) “**Blood: The River of Life,**” Walker Meade, **Sarasota Herald Tribune (published Sep. 6, 2011)** interviewed for newspaper article in health section about blood and its components

Johnson, W.E. (2009). **Biological Effects of Pesticides.** Hillsborough Community College Science Seminar series March 3, 2009.

- Johnson, W.E. (2008). **Heavy metals as mutagens and endocrine disruptors**. Hillsborough Community College Science Seminar series April 15, 2008.
- Johnson, W.E. (2006). **Evaluating and Reducing Pesticide Exposure in Florida Fern Farm Workers**. National Occupational Research Agenda (NORA) Symposia, Department of Environmental and Occupational Health, University of South Florida, Nov. 1, 2006
- Johnson, W.E, Martin, L., Baldwin, J. A. and Sciacca J. (2004) **Improving Self-Efficacy in Pre-Health Professions Research and Education Program (PREP) Students**. 2nd Annual Assessment Fair Northern Arizona University. Sponsored by Center for Science Teaching and Learning, Office of Academic Assessment, Planning and Institutional Research et al.
- Cruz-Begay, R., Johnson, W. and Sciacca, J. (2003) **Evaluation of academic training for a diverse workforce using the LASSI Inventory**. Effective Methods of Training and Development of the Public Health Workforce Roundtable, 131st meeting of American Public Health Association meeting.
- Johnson, W.E., Propper, C.R., and Hillyard, S.D. (1998). **Effects of dehydration on thirst-related behavior and angiotensin concentrations in the brain and plasma of the spadefoot toad, *Scaphiopus couchii***. Western and Southwestern Regional Conference on Comparative Endocrinology, Society for Integrative and Comparative Biology, Flagstaff, AZ.
- Johnson, W.E. (1998). **Angiotensin II: Water regulation in amphibians**, Arizona chapter of Society for Neuroscience, Barrows Neurological Institute, Phoenix, AZ.

Honors and Memberships

- 2011-present International Association of Medical Science Educators, member
- 2010- Platinum Dean's Recognition award, College of Medicine USF- \$3750 award for leadership in education and research/scholarly activity
- 2009- present Human Anatomy and Physiology Society, member
- 2006-7 Florida Environmental Health Association, Inc.
- 2005 Florida Public Health Association
- 1996- present. American Physiological Society, member, Integrative and Comparative Physiology, Teaching in Physiology, and Water and Electrolyte Homeostasis subsections
- 1993-8 Society for Comparative and Integrative Biology

- 1995-6 Biology Graduate Student President, NAU.
- 1992-1993 and 1993-1994 Achievement Rewards for College Scientists, Inc. (ARCS),
Phoenix Chapter Scholarship recipient
- 1986-1992 Society for Neuroscience, student member,
- 1986 Psi Chi honor society for Psychology, University of Colorado

Vinita Christine Kiluk, MD

Work Address: *University of South Florida-STC, 2 Tampa General Circle, 5th Floor, Tampa, FL 33606*

E-mail Address: *vkiluk@health.usf.edu*

BACKGROUND AND EXPERIENCE

Education

Pediatric Residency Medical College of Georgia Augusta, GA	2002-2004
Pediatric Internship University of Florida Gainesville, FL	2001-2002
Medical College of Virginia/Virginia Commonwealth University Richmond, VA M.D.	1997-2001
Virginia Commonwealth University Richmond, VA BS in Biology, Magna Cum Laude with University Honors	1993-1996

Work Experience

Assistant Professor- University of South Florida USF Health Ambulatory Pediatrics Clinic Tampa, FL	May 2011- present
OPS Assistant Professor- University of South Florida USF Health Ambulatory Pediatrics Clinic Tampa, FL	March 2010- May 2011
OPS Assistant Professor- University of South Florida Newborn Nursery Tampa General Hospital, Tampa, FL	September 2008-February 2010
Instructor- Medical College of Georgia General Pediatrics and Adolescent Medicine Aiken Regional Medical Center, Aiken, SC	July 2005- June 2006
Instructor- Medical College of Georgia Pediatric Emergency room Children's Medical Center, Augusta, GA	July 2004-June 2005
Private Practice Pediatrics Pediatric Partners, Augusta, GA	July 2004 to June 2006
Virginia Treatment Center for Children- Summer Externship Medical College of Virginia, Richmond, VA	Summer 1998

Department of Pharmacology- Lab volunteer
Medical College of Virginia, Richmond, VA

Spring-Summer 1997

Licensure

Board Certification – Pediatrics	2004
Florida License - ME101396	2012
DEA – FK0781092	2012

Honors and Awards

Guaranteed Admission- Medical College of Virginia	1993
Presidential Scholarship- Virginia Commonwealth University	1993

TEACHING ACCOMPLISHMENTS

Medical Student Education

University of South Florida College of Medicine

First Year

Courses:

BMS 6825: Doctoring 1 Course Small Group Leader-meets weekly for half day sessions-seven students-2010; eight students 2011.

BMS 6825: Doctoring 1 Course SELECT Small Group Leader- meets weekly for half day sessions- seven students-2012.

Second Year

Courses:

BMS 6830: Physical Diagnosis II-teach newborn physical exam, twelve two-hour sessions to eight students/session 2009; four two-hour sessions 2010; two two-hour sessions 2011.

BMS 6826: Doctoring 2 Course Small Group Leader-meets weekly for half day sessions-nine students 2011.

Third Year

Co-Clerkship Director for Primary Care and Special Populations	January 2011-present
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Co-Director for Primary Care and Special Populations	August 2010-December 2010
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Newborn Ward Attending: Two days a week; two to three students a week; September 2008-February 2010

Clinic Preceptor: two half days a week; one to two students per half day; March 2010-present

Lectures:

BCC 7134: Maternal Newborn Clerkship (Newborn Breastfeeding/Nutrition/Stooling Patterns; Newborn Rashes; Newborn Disorders of the GI System) two hours every month; eight to eleven students; September 2008-June 2010

BCC 7184: Primary Care and Special Populations Clerkship (Developmental Charades/ Failure to Thrive/ Well Child Exam Cases/ Pneumonia, Outpatient Bronchiolitis/ Asthma/ HEENT Potpourri/ UTI in Children/ Enuresis/ Viral Exanthems, Childhood Rashes/ Anemia, Anemia Cases) ten and a half hours every three months; 24-30 students; March 2010- present

BCC 7144: Medicine-Pediatrics Clerkship (Rheumatology lecture and Pediatric Inpatient Review) two hours; 15-25 students; October and November 2010

OSCE: Observation of third year medical students performing history taking and giving anticipatory guidance to standardized parents; four hours every three months; 12 students; August 2010-present

Informal advising: five students 2012

Fourth Year

Informal Advising: one student 2010, four students 2011, seven students 2012.

Mock interviewer: three students 2012.

All four years- Co-career Advisor to 20 students per year of medical school 2012- present

Graduate Medical Education

University of South Florida Department of Pediatrics

Newborn Ward Attending: Two days a week; one to two residents a month; September 2008-February 2010

Resident Continuity Clinic Attending: one half day a week; Four residents a week March 2010-present

Acute Clinic Attending: one half day a week; three to four residents a week; March 2010-present

Lectures:

“Understanding Failure to Thrive”. Department of Pediatrics Resident Education Lecture, University of South Florida, Tampa, FL: August 3rd, 2011

“Teaching Made Easy”. Department of Pediatrics Resident Education Lecture, University of South Florida, Tampa, FL: March 21st, 2012.

“The One Minute Preceptor”. Department of Pediatrics Resident Education Lecture, University of South Florida, Tampa, FL: April 27th, 2012.

Medical College of Georgia Department of Pediatrics

Clinic/ Ward/ Nursery Attending: Aiken Satellite Office Medical College of Georgia; two days a week; one to two residents 2005-2006

Fast Track Pediatrics/ Pediatric Emergency Department Attending: Medical College of Georgia one to two residents; four to six shifts a month 2004-2005

Lectures:

“Clubfoot: Everything you wanted to know and more”. Department of Pediatrics Resident Education Lecture. Medical college of Georgia, Augusta, GA: March 28th, 2006.

“Ayurvedic Medicine”. Department of Pediatrics Grand Rounds. Medical College of Georgia, Augusta, GA: June 11th, 2004.

Faculty Development

Asthma/Adolescent case for Doctoring 2: November 2011

Endocarditis case for Doctoring 2: August 2011

Presentations/Posters

“Remediating the Difficult Learner”. Council on Medical Student Education in Pediatrics (COMSEP) Conference Workshop Indianapolis, Indiana: March 24th, 2012.

Kiluk VC, Schocken D, Ranells J, Eichmann K. Transferring Medical Students’ Knowledge to Clinical Action: Case in Study-Failure to Thrive. Pediatric Educational Excellence Across the Continuum (PEEAC) Conference Washington, DC: September 9th, 2011 Poster Session.

Abstract Submission/Grant Submission

ilnTIME Educational Scholarship Grant Letter of Intent Sent	December 2010
ilnTIME Educational Scholarship Grant Letter of Intent Sent	December 2011
Universtiy of South Florida New Researchers Grant Grant Submitted	January 2012

Service

Pediatric Residency Interviews	October 2011- January 2012 November 2012- January 2013
Pediatric Interest Group Faculty Advisor University of South Florida	2011-present
AMWA noon medical student talk Part of panel discussion regarding life balance.	January 26 th , 2012
College of Medicine Admissions Interviewer University of South Florida	2009
Child Advocacy Committee Medical College of Georgia, Augusta, GA	2002-2005
Alternative and Complementary Medicine Forum	January 1999

Medical College of Virginia, Richmond, VA

Women in Medicine Chapter of American Medical Student Association

1997-2001

Committees

APRC

2011-present

University of South Florida-professionalism committee that meets monthly for 1.5 hours to discuss students having difficulty in the four years on medical school

Pediatrics Education Committee

2011-present

Meeting of pediatric clerkship directors monthly for 1.5 hours

Year three clerkship subcommittee of the curriculum committee

October 2011-January 2012

Met monthly for 1 hour to discuss possible changes to year three curriculum

Memberships

Fellow American Academy of Pediatrics

2005

Personal

Born: February 22nd, 1975 in Lafayette, Indiana

Maiden Name: Vinita Christine Mohan

Family: John (Husband)
 Vivek (Son)
 Ravi (Son)

Languages: English, Spanish

Curriculum vitae

Ambuj Kumar, M.D., M.P.H.

Address

Private: 10998 56th Lane
Pinellas Park, FL 33782
E-mail: drambujkr@gmail.com

Business: Division/Center for Evidence Based Medicine
Department of Internal Medicine
Morsani College of Medicine
3515 East Fletcher Avenue, MDT 1202
Mail Stop-MDC-27
Tampa, FL 33612
Phone: 813-396-9194
e-mail: akumar1@health.usf.edu

Professional Experience

<i>June 2012 – Present</i>	Title: Associate Professor/Director Center for Evidence Based Medicine and Health Outcomes Research Department of Internal Medicine, Clinical and Translational Science Institute College of Medicine, University of South Florida Tampa
<i>February 2010-June 2011</i>	Title: Assistant Professor/Deputy Director Division/Center for Evidence Based Medicine and Health Outcomes Research Department of Internal Medicine, Clinical and Translational Science Institute College of Medicine, University of South Florida Tampa
<i>June 2007-Present</i>	Title: Associate Member Department of Health Outcomes & Behavior, Moffitt Cancer Center and Research Institute, Tampa
<i>August 2011- Present</i>	Title: Course Co-Director Evidence-Based Clinical Reasoning II – Medical School Year 2
<i>August 2010- Present</i>	Title: Course Co-Director

Evidence-Based Clinical Reasoning I – Medical School
Year 1

January 2002-Present

Title: Member
Scientific Research Consulting Board
Pure Air Control Services Inc., Clearwater

August 2010-2011

Title: Course Co-Director
Evidence-Based Clinical Practice I – Medical School
Year 2

January 2005-June 2007

Title: Research Associate, Cancer Control
Moffitt Cancer Center and Research Institute at the
University of South Florida, Tampa

April 2002-June 2007

Title: Associate Research Faculty
Department of interdisciplinary oncology
Moffitt Cancer Center and Research Institute at the
University of South Florida, Tampa

July 2001-September 2001

Title: Intern
Internship and Research Associate: Folic acid
awareness program March of Dimes, Tampa

May 2001-June 2001

Title: Research fellow
International Student Exchange Program, Project:
Comparative International Health Education
Research, University of Cologne, Germany

May 2000-December 2001

Title: Graduate Research Assistant
Department of Community and Family Health
College of Public Health, University of South Florida,
Tampa

May 2000-July 2000

Title: Field Investigator, American Cancer Society
Prostate Cancer Research Program, Tampa

October 1999-December 1999

Title: Chief resident
General Practice, DVC hospital, India

September 1998-August 1999

Title: Resident Physician in General Practice, DVC
Hospital, India

Academic Degrees

2001

Masters in Public Health (MPH),
University of South Florida, Tampa, FL

1998 Doctor of Medicine (MD),
Tver State Medical Academy, Tver, Russia

Awards

2010 Platinum Dean's recognition Award for exemplary service
and excellence in teaching
2011 Thomas C Chalmers Award, Cochrane Collaboration

Special Training/Continuing Education

June 2011 Social Network Analysis Workshop
College of Medicine, University of South Florida
Tampa, FL

June 2011 How to teach and practice Evidence-based Clinical
Practice Workshop
McMasters University, Hamilton, Canada

June – August 2005 Course in Survival Analysis
College of Public Health, University of South Florida
Tampa, FL

Teaching Accomplishments

Course Director/Lecturer

2011-present

Med II Evidence Based Clinical Reasoning II, University
of South Florida, College of Medicine, [BMS6837](#),
Tampa, FL

Course Description: This is an essential course for year
II medical students to begin learning critical appraisal
skills using principles of evidence-based medicine and
clinical epidemiology and apply it to clinical problem
solving.

Student level: Medical students Year II

2010-present

Med II Evidence Based Clinical Reasoning I, University
of South Florida, College of Medicine, [BMS6836](#),
Tampa, FL

Course Description: This is an essential course for year I
medical students. The course focuses on teaching the
principles of applied clinical epidemiology and use
an evidence-based approach to clinical problem

solving. Using a clinical case based approach, the EBCR course provides an opportunity to practice the basic skills associated with Evidence Based Medicine with independent knowledge acquisition.

Student level: Medical students Year I

June 2010 to 2011

Evidence Based Clinical Practice, University of South Florida, College of Medicine, [BMS6835](#), Tampa, FL

Course Description: This course aims to provide the student with an opportunity to “think like a physician.” The course provided the venue to integrate clinical diagnosis and reasoning strategies with the complementary aspects of clinical problem solving, physical diagnosis and evidence-based medicine. The course is merged with EBCR beginning August 2011.

Student level: Medical students Year II

Lecturer

June 2009 – present

Principles of Research Synthesis/Meta-analysis; [PHC 6020](#); College of Public Health, University of South Florida, Tampa, FL

Course Description: The course focuses on conduct and analysis of data related to clinical trials. The aim of the lecture is to emphasize on the importance of research synthesis.

Student level: Masters of Public Health Graduate students I

Preceptor/Co-Preceptor

June 2008 to 2010

Med II Evidence Based Clinical Practice, College of Medicine, [BMS6836](#), University of South Florida, Tampa, FL

Course Description: This course aims to provide the student with an opportunity to “think like a physician.” The course provided the venue to integrate clinical diagnosis and reasoning strategies with the complementary aspects of clinical problem solving, physical diagnosis and evidence-based medicine in a small group session with one to one interaction.

Student level: Medical students Year II

June 2007 to 2008

Med II Evidence Based Medicine Course, College of Medicine, University of South Florida, [BMS8334](#), Tampa, FL

Course Description: This course aims to provide the student with an opportunity to “think like a physician.” The course provided the venue to integrate clinical diagnosis and reasoning strategies with the complementary aspects of clinical problem solving, physical diagnosis and evidence-based medicine in a small group session with one to one interaction.

Student level: Medical students Year II

Continuing Medical Education/Workshops/Teaching Assignments

July 10, 2012

Principles of comparative effectiveness research and decision making; Morsani College of Medicine, Tampa, FL
Purpose: Post Graduate Training in Clinical and Translational Science
Audience: Physicians

June 20- 22, 2012

Systematic review and meta-analysis workshop; American Association of Blood Banking, Morsani College of Medicine, Tampa, FL
Purpose: Continuing Medical Education
Audience: Faculty Members, Physicians and Fellows and residents

May 29, 2012

Understanding summary, statistics and measures related to diagnostic, prognostic and therapeutic questions; Department of Gastro-enterology, Morsani College of Medicine, Tampa, FL
Purpose: Continuing Medical Education
Audience: Faculty Members, Physicians and Fellows and residents

May 21, 2012

Matching the study design to the research question and spotting the study design – an interactive learning session; Department of Pediatrics, Morsani College of Medicine, Tampa, FL
Purpose: Medical Education
Audience: Clerkship students, Faculty Members, Physicians and Fellows, and residents

May 16, 2012

Matching the study design to the research question and spotting the study design – an interactive learning session; Department of Gastro-enterology, Morsani College of Medicine, Tampa, FL
Purpose: Continuing Medical Education

- Audience:** Faculty Members, Physicians and Fellows and residents
- April 16, 2012* **Critical Appraisal of Treatment studies;** Department of Surgery, Morsani College of Medicine, Tampa, FL
Purpose: Medical Education
Audience: Year 4 Clerkship students
- February 6, 2012* **Critical Appraisal of Treatment studies;** Department of Surgery, Morsani College of Medicine, Tampa, FL
Purpose: Medical Education
Audience: Year 4 Clerkship students
- January 27-30, 2012* **Matching the study design to the research question – an interactive learning session;** Surat Medical College, Surat, Gujarat, India
Purpose: Evidence Based Medicine teaching workshop
Audience: Faculty Members, Physicians and Researchers
- January 26, 2012* **Understanding Measures of treatment effect - Risk versus Odds versus Hazard ratios;** Baroda Medical College, Vadodra, Gujarat, India
Purpose: Evidence Based Medicine teaching workshop
Audience: Faculty Members, Physicians and Researchers
- January 25, 2012* **Matching the study design to the research question – an interactive learning session;** B J Medical College, Ahmadabad, Gujarat, India
Purpose: Evidence Based Medicine teaching workshop
Audience: Faculty Members, Physicians and Researchers
- January 4, 2012* **Methodological quality of randomized controlled trials;** Department of Neonatology , Tampa General Hospital, Tampa, FL
Purpose: Grand rounds
Audience: Faculty, Students and researchers
- December 13, 2011* **Integrating EBM into Clinical Problem Solving;** Office of Educational affairs, Morsani College of Medicine, Tampa, FL
Purpose: Faculty development

	Audience: Faculty
<i>December 8, 2011</i>	Integrating EBM into Clinical Problem Solving; Office of Educational affairs, Morsani College of Medicine, Tampa, FL Purpose: <u>Faculty development</u> Audience: Faculty
<i>December 7, 2011</i>	Fundamentals of study design – diagnostic accuracy studies; Department of Neonatology , Tampa General Hospital, Tampa, FL Purpose: <u>Grand rounds</u> Audience: Faculty, Students and researchers
<i>September 23, 2011</i>	Personalized medicine, pharmacogenomics and rules of evidence. 1st Annual Pharmacogenomics Conference, USF College of Pharmacy, Tampa, FL Purpose: <u>Invited lecture</u> Audience: Faculty, Students and researchers
<i>September 21, 2011</i>	Critical Appraisal of Diagnostic Accuracy and Treatment Studies; Department of Vascular Surgery, Tampa General Hospital, Tampa, FL Purpose: <u>Continuing Medical Education</u> Audience: Vascular Surgery Fellows, Physicians and Residents
<i>September 14, 2011</i>	Measuring Effect of Treatment: Risk versus Odds versus Hazard Ratios; Department of Vascular Surgery, Tampa General Hospital, Tampa, FL Purpose: <u>Continuing Medical Education</u> Audience: Vascular Surgery Fellows, Physicians and Residents
<i>September 7, 2011</i>	Matching the Study Design to Research Question; Department of Vascular Surgery, Tampa General Hospital, Tampa, FL Purpose: <u>Continuing Medical Education</u> Audience: Vascular Surgery Fellows, Physicians and Residents
<i>July 16-17, 2011</i>	Evidence Synthesis and Knowledge Translational; 2011 American Urological Association Foundation, SBUR Research Conference, Linthicum, MD Purpose: <u>Continuing Medical Education</u> Audience: Physicians and Residents

July 7-8, 2011

Principle of Research Synthesis; Ponce School of Medicine, Moffitt Cancer Center, Partnership Retreat, San Juan, Puerto Rico

Purpose: Teaching assignment

Audience: Researchers, Physicians and Residents

June 20, 2011

Critical Appraisal of Diagnostic Accuracy and Treatment Studies; Department of Plastic Surgery, Tampa General Hospital, Tampa, FL

Purpose: Continuing Medical Education

Audience: Plastic Surgery Fellows, Physicians and Residents

June 13, 2011

Measuring Effect of Treatment: Risk versus Odds versus Hazard Ratios; Department of Plastic Surgery, Tampa General Hospital, Tampa, FL

Purpose: Continuing Medical Education

Audience: Plastic Surgery Fellows, Physicians and Residents

June 6, 2011

Matching the Study Design to Research Question; Department of Plastic Surgery, Tampa General Hospital, Tampa, FL

Purpose: Continuing Medical Education

Audience: Plastic Surgery Fellows, Physicians and Residents

May 11, 2011

Faculty Development Seminar on Integration of EBM into Student Resident Teaching; Office of Educational Affairs, University of South Florida, Tampa, FL

Purpose: Faculty Development

Audience: USF College of Medicine faculty members

May 2, 2011

Faculty Development Seminar on Integration of EBM into Student Resident Teaching; Office of Educational Affairs, University of South Florida, Tampa, FL

Purpose: Faculty Development

Audience: USF College of Medicine faculty members

May 25, 2011

Fundamentals of study Design – Treatment.

Department of Neonatology, Tampa General Hospital, USF, Tampa, FL

Purpose: Grand Rounds

Audience: Department of Neonatology Fellows, Residents and faculty members

March 19, 2011

Treatment tolerance and efficacy in geriatric oncology. Moffitt Clinical Research Network Educational Conference, Moffitt Cancer Center, Tampa, FL

Purpose: Teaching assignment

Audience: Researchers, and Moffitt Cancer Center faculty members

January 20, 2011

Understanding Measures of treatment effect - Risk versus Odds versus Hazard ratios. B J Medical College, Ahmadabad, Gujarat, India

Purpose: Evidence Based Medicine teaching workshop

Audience: Faculty Members, Physicians and Researchers

January 19, 2011

Matching the study design to the research question – An interactive learning session. Baroda Medical College, Gujarat, India

Purpose: Evidence Based Medicine teaching workshop

Audience: Faculty Members, Physicians and Researchers

January 17, 2011

Matching the study design to the research question – Fundamentals of study design. Surat Medical College, Gujarat, India

Purpose: Evidence Based Medicine teaching workshop

Audience: Faculty Members, Physicians and Researchers

January 5, 2011

Fundamentals of study Design – Diagnostic accuracy studies. Department of Neonatology, Tampa General Hospital, University of South Florida, Tampa, FL

Purpose: Grand Rounds

Audience: Department of Neonatology Fellows, Residents and faculty members

December 15, 2010

Center for Equal Health Research in progress seminar: Internal and External Validity of Prostate Cancer Randomized Controlled Trials; Moffitt Cancer Center/University of South Florida, Tampa, FL

Purpose: Invited lecture

Audience: USF and Moffitt Cancer Center Faculty members

- November 2010 - February 2011* **EBM Psychiatry lecture series;** Department of Psychiatry, University of South Florida, College of Medicine, Tampa, FL
Purpose: Continuing Medical Education
Audience: Department of Psychiatry Fellows, Residents and faculty members
- April 8, 2010* **Introduction to reporting guidelines;** University of South Florida, College of Medicine, Tampa, FL
Purpose: Teaching Workshop
Audience: USF Health and Moffitt Cancer Center faculty members
- July 15, 2010* **Role of Systematic Reviews to Inform Decision-Making;** BMAP/GMAP Retreat, Moffitt Cancer Center, Tampa, FL
Purpose: Invited Lecture
Audience: USF Health, Moffitt Cancer Center and Ponce School of Medicine faculty members
- June 25 – 27, 2009* **Access to innovative treatments symposium – Evidence Based Medicine and Reimbursement;** Buenos Aires, Argentina.
Purpose: Invited Lecture
Audience: Physicians and Health Policy makers
- February 16, 2009* **Evidence Based Medicine - What to Believe;** Association of Physicians of Ahmadabad, Gujarat, India.
Purpose: Invited Lecture
Audience: Physicians and Faculty members
- February 11-15, 2009* **Principles of Research Synthesis;** The AIDS International Training and Research Program (AITRP), USF-India Center for HIV/AIDS Research and Training and the Vedanta Institute of Medical Sciences, Ahmadabad, India.
Purpose: Evidence Based Medicine teaching workshop
Audience: Faculty Members, Physicians and Researchers
- January 15-17, 2009* **Evidence Based Urology;** Fourth Annual GU Oncology Symposium, Embassy Suites University of South Florida, Tampa, FL
Purpose: Invited Lecture

Audience: Faculty Members, Physicians and Researchers

Research

Ongoing:

- A) Date of funding: September 2009 to October 2014
 Title: Proposal for Development of EBM-CDSS (Evidence-Based Clinical Decision Support System) to Aid Prognostication in Terminally Ill Patients)
 Amount: \$670,560
 Award Number: W81 XWH-09-2-0175
 PI: Dr. Benjamin Djulbegovic
 Role: Co-investigator
 Specific aim: To develop computer decision-support system for better prognostication in life expectancy and improvement in decision-making in terminally ill patients.
 Agency: Department of Defense

- B) Date of funding: April 2011 to March 2012
 Title: Systematic Review & Decision Model of Minimal Traumatic Brain Injury
 Amount: \$50,000
 Award Number: not applicable
 PI: Dr. Ambuj Kumar
 Role: Principal-investigator
 Specific aim: to perform a systematic literature review to assess the effectiveness of repeated head computed tomography (CT Scan) in the management of patients with minimal Traumatic Brain Injury and related duties.
 Agency: LeHigh Valley Health Network

- C) Date of funding: December 2010 to December 2011
 Title: Design and development of a patient-centric diabetes management system
 Amount: \$100,000
 Award Number: not applicable
 PI: Dr. Athanasios Tsalatsanis
 Role: Co-investigator
 Specific aim: To Design and develop of a patient-centric diabetes management system as an Iphone Application
 Agency: Bring Science Home Foundation

- D) Date of funding: January 2010 to December 2011
 Title: When are clinical trials ethical for both future patients and study patients?
 Amount: \$327,242
 Award Number: 09BW-03
 PI: Dr. Benjamin Djulbegovic

Role: Co-investigator

Specific aim: To identify those situations where the line between research and practice is less "blurred", which in turn will help with design, enrollment and funding decisions of clinical trials.

Agency: Bankhead-Coley Cancer Research Program (Florida Biomedical Research Program)

- E) Date of funding: October 2009 to September 2011
 Title: Developing Information Infrastructure Focused on cancer Comparative Effectiveness Research
 Amount: \$21,594
 Award Number: 14-15881-01-01-G2
 PI: Dr. Ambuj Kumar
 Role: Principal Investigator
 Specific Aim: To create the foundation of a cancer Comparative Effectiveness Research program at Moffitt Cancer Center
 Agency: NIH RC1
- F) Date of funding: June 2009 to September 2011
 Title: Success rate of cancer treatments and ethical principle of Equipoise
 Amount: \$323,719
 Award Number: R01-CA40408-01
 PI: Dr. Benjamin Djulbegovic
 Role: Co-investigator
 Specific Aim: To evaluate the success rate of cancer treatments assessed in phase III randomized controlled trials conducted by NCI Canada and GSK.
 Agency: NIH R01
- G) Date of funding: September 2010 to August 2011
 Title: Internal and External Validity of Prostate Cancer Randomized Controlled Trials
 Amount: \$35,000
 Award Number: 1RC2CA148332-01
 PI: Dr. Ambuj Kumar
 Role: Principal Investigator
 Specific Aim: To assess the participation rate African American men in prostate cancer randomized controlled trials conducted in the US.
 Agency: Center for Equal Health, University of South Florida

Completed:

- A) Date of funding: July 2008 to June 2009
 Title: The information seeking behavior of oncologists regarding benefits and harms of cancer treatments
 Amount: \$35,000
 Award number: 93-032-13
 PI: Dr. Ambuj Kumar
 Role: Principal Investigator

Specific Aim: To collect exploratory data on information seeking behavior of oncologists regarding answering patients' specific questions related to the benefits and harms of cancer treatments; factors influencing this behavior, and to discern whether medical oncologists find the accessed resources scientifically reliable and sufficient in answering those questions.

Agency: American Cancer Society Institutional Research Grant

- B) Date of funding: July 2007 to June 2009
 Title: Quality of Research on Treatments Harms in Cancer
 Amount: \$282,359
 Award Number: R01 CA133594-01
 PI: Dr. Benjamin Djulbegovic
 Role: Co-Investigator
 Specific Aim: To assess the adequacy of collecting and reporting data on harms in RCTs conducted by NCI cooperative groups.
 Agency: NIH/ORI 1
- C) Date of funding: June 2007 to May 2008
 Title: Evaluation of phase I trials: patients' outcomes and development success
 Amount: \$35,000
 Award Number: Internal Grant
 PI: Dr. Benjamin Djulbegovic
 Role: Co-Investigator
 Specific Aim: To evaluate the success rate of Phase I trials conducted at the Moffitt Cancer Center and the participation of elderly in these trials.
 Agency: Moffitt Cancer Center Internal Grant
- D) Date of funding: September 2005 to August 2008
 Title: 2005-2008: Evaluation of the quality of clinical trials
 Amount: \$175, 000
 Award Number: R01 NS052956-01
 PI: Dr. Benjamin Djulbegovic
 Role: Co-Investigator
 Specific Aim: To evaluate the quality of randomized trials in cancer conducted by the NCI cooperative group.
 Agency: NIH/ORI 1
- E) Date of funding: July 2004 to June 2005
 Title: Treatment Efficacy and Tolerance in Geriatric Oncology
 Amount: \$47,260
 Award Number: P20 CA 103676
 PI: Dr. Benjamin Djulbegovic
 Role: Research Associate
 Specific Aim: To assess the extent of participation of elderly patients in RCTs conducted by NCI cooperative groups.
 Agency: National Cancer Institute Grant
- F) Date of funding: September 2002-September 2004

Title: Blood vs. Stem Cell Transplant

Amount: \$200,000

Award Number: 1R01HI71650-01

PI: Dr. Benjamin Djulbegovic

Role: Research Associate

Specific Aim: To conduct an individual patient data meta-analysis comparing allogeneic peripheral blood stem cell (PBSCT) transplants to bone marrow (BMT) transplants.

Agency: NIH/NHLBI

G) Date of funding: September 2002-September 2004

Title: Equipoise and the research integrity of clinical trials"

Amount: \$200,000

Award Amount: 1R01 NS 44417-01

PI: Dr. Benjamin Djulbegovic

Role: Research Associate

Specific Aim: To evaluate the relationship between the ethical principle of equipoise and outcomes in randomized trials conducted by the NCI cooperative groups.

Agency: NIH/ORI/NINDS

Bibliography I

Peer Reviewed Journal Publications

1. Mhaskar R, Aladikar V, Naik E, Mohapatra S, Emmanuel P, Patel A, Patel S and **Kumar A**; Adherence to antiretroviral therapy in India: A systematic review and meta-analysis; Indian Journal of Community Medicine, 2012 Accepted in Press
2. MA Kharfan-Dabaja, J Pidala, **A Kumar**, T Terasawa and B Djulbegovic:
Comparing efficacy of reduced-toxicity allogeneic hematopoietic cell transplantation with conventional chemo-(immuno) therapy in patients with relapsed or refractory CLL: a Markov decision analysis. Bone Marrow Transplantation, e-publication ahead of print, 2012
3. Mhaskar R, Redzepovic J, Wheatley K, Clark OA, Miladinovic B, Glasmacher A, **Kumar A**, Djulbegovic B: Bisphosphonates in multiple myeloma: a network meta-analysis. Cochrane Database Syst Rev; Issue 5; 2012

4. Kristen J. Wells, Charles Preuss, Yashwant Pathak, J. K. Kosambiya, and **Ambuj Kumar**: Engaging the community in health research in India. Technology and Innovation, Vol. 13, pp. 305–319, 2012
5. Sadaf Aslam, Helen Georgiev, Kedar Mehta, and **Ambuj Kumar**; Matching research design to clinical research questions: Indian J Sex Transm Dis 2012;33:49-53
6. Rahul Mhaskar, Benjamin Djulbegovic, Anja Magazin, Heloisa P Soares and **Ambuj Kumar**; Published methodological quality of randomized controlled trials does not reflect the actual quality assessed in protocols; Journal of Clinical Epidemiology; Vol 65; 602-609, 2012
7. **Kumar A**, Mhaskar AR, Reljic T, Mhaskar RS, Kharfan-Dabaja MA, Anasetti C, Mohty M, Djulbegovic B; Antithymocyte globulin for acute-graft-versus-host-disease prophylaxis in patients undergoing allogeneic hematopoietic cell transplantation: a systematic review.; Leukemia; 2012; 26 (4): 582-588
8. Gwendolyn P. Quinn, Tuya Pal, Devin Murphy, Susan t. Vadaparampil, **Ambuj Kumar**; High-Risk Consumers' Perceptions of PGD for Hereditary Cancers: A systematic Review and Meta-Analysis; Genetics in Medicine; 2012, 14 (2): 191-200
9. Wells KJ, Luque JS, Miladinovic B, Vargas N, Asvat Y, Roetzheim RG, **Kumar A**; Do Community Health Worker Interventions Improve Rates of Screening Mammography in the United States? A Systematic Review. Cancer Epidemiol Biomarkers Prev. 2011, 20(8):1580-98

10. Miladinovic B, **Kumar A**, Hozo I, Djulbegovic B; Instrumental variable meta-analysis of individual patient data: application to adjust for treatment non-compliance; BMC Medical Research Methodology; 2011, 11(1):55
11. Benjamin Djulbegovic, **Ambuj Kumar**, Anja Magazin, Anneke T. Schroen, Heloisa Soares, Iztok Hozo, Mike Clarke, Daniel Sargent, Michael J. Schell; Optimism bias leads to inconclusive results - an empirical study; J Clin Epidemiology; 2011, 64(6):583-93.
12. Beibei Lu, **Ambuj Kumar**, Xavier Castellsague, Anna R Giuliano; Efficacy and Safety of Prophylactic Vaccines against Cervical HPV Infection and Diseases among Women: A Systematic Review & Meta-Analysis; BMC Infectious Diseases 2011 11:13 (12 January 2011).
13. **Ambuj Kumar**, Iztok Hozo, Keath Wheatley, and Benjamin Djulbegovic; Thalidomide versus bortezomib based regimens as first-line therapy for patients with multiple myeloma: a systematic review; Am. J. Hematol., 2011; 86(1): 18-24
14. **Ambuj Kumar**, Sanja Galeb, Benjamin Djulbegovic; Treatment of Patients with Multiple Myeloma: An Overview of Systematic Reviews; Acta Haematol 2011;125:8–22
15. A.R. Mhaskar, G. Quinn, S. Vadaparampil, B. Djulbegovic, C.K. Gwede, and **A. Kumar**; Timing of first-line cancer treatments – Early versus late – A systematic review of phase III randomized trials; Cancer Treatment Reviews; 2010; 36(8): 621-8

16. Mhaskar R, Redzepovic J, Wheatley K, Clark OA, Miladinovic B, Glasmacher A, **Kumar A**, Djulbegovic B: (2010) Bisphosphonates in multiple myeloma. Cochrane Database Syst Rev;3:CD003188.
17. **Ambuj Kumar** and Benjamin Djulbegovic; Critical Appraisal Skills –Making Sense of Evidence; Acta Informatica Medica; 2010 vol 18(2); 109-113
18. **Kumar A**, List AF, Hozo I, Komrokji R, Djulbegovic B: Decitabine versus 5-azacitidine for the treatment of myelodysplastic syndrome: Adjusted indirect meta-analysis. Haematologica;2010; 95:340-342; author reply 343-344.
19. Rahul Mhaskar, Patricia Emmanuel, Shobha Mishra, Sangita Patel, Eknath Naik, **Ambuj Kumar**; Critical appraisal skills are essential to informed decision-making; Indian Journal of Sexually Transmitted Diseases; 2009 volume 30 (2); 112-119
20. **Kumar A**, Kharfan-Dabaja M, Djulbegovic B. Response: Re: Tandem vs Single Autologous Hematopoietic Cell Transplantation for the Treatment of Multiple Myeloma: A Systematic Review and Meta-analysis. *J. Natl. Cancer Inst.* 2009;101(20):1431-1433.
21. **Kumar A**, Mhaskar R. Response: Re: High-dose chemotherapy with auto transplantation in AL amyloidosis: A flawed meta-analysis. *Biol Blood Marrow Transplant* 2009.
22. Kharfan-Dabaja MA, Mhaskar AR, Djulbegovic B, Cutler C, Mohty M, Kumar A. Efficacy of rituximab in the setting of steroid-refractory chronic graft-versus-host disease: a systematic review and meta-analysis. *Biol Blood Marrow Transplant* 2009;15(9):1005-13

23. Mhaskar R, Kumar A, Behera M, et al: Role of high-dose chemotherapy and autologous hematopoietic cell transplantation in primary systemic amyloidosis: a systematic review. *Biol Blood Marrow Transplant* 15:893-902, 2009
24. **Kumar A**, Kharfan-Dabaja MA, Glasmacher A, Djulbegovic B. Tandem versus single autologous hematopoietic cell transplantation for the treatment of multiple myeloma: a systematic review and meta-analysis. *J Natl Cancer Inst.* Jan 21 2009;101(2):100-106.
25. Pal T, Permuth-Wey J, **Kumar A**, Sellers TA. Systematic Review and Meta-analysis of Ovarian Cancers: Estimation of Microsatellite-High Frequency and Characterization of Mismatch Repair Deficient Tumor Histology. *Clin Cancer Res.* Nov 1 2008;14(21):6847-6854.
26. Djulbegovic B, **Kumar A**, Bepler G, Clarke M, Soares HP, Hozo I, Bennett CL. Treatment success in cancer-reply. *Arch Intern Med* 2008;168:2173-2174
27. Benjamin Djulbegovic and **Ambuj Kumar**. Multiple myeloma: detecting the effects of new treatments. *Lancet*: 2008: 371(9625):1642-4.
28. Benjamin Djulbegovic, MD, PhD, **Ambuj Kumar, MD, MPH**, Heloisa P Soares, MD, Iztok Hozo, PhD, Gerold Bepler, MD, PhD, Mike Clarke, PhD, Charles L Bennett, MD, PhD, Iain Chalmers, MD, DSc. Treatment success in cancer. *Archives of Internal Medicine*. 2008: 168(6): 632-642.
29. Kumar A, **Djulbegovic B**. Costs of treating elderly patients with cancer: what are we measuring in the absence of reliable evidence? *Oncology* 2007;21:858-860

30. Mohamed A. Kharfan-Dabaja, **Ambuj Kumar**, Madhusmita Behera and Benjamin Djulbegovic. Systematic review of high dose chemotherapy and autologous haematopoietic stem cell transplantation for chronic lymphocytic leukaemia: what is the published evidence? *British Journal of Haematology* 2007; 139: 234–242.
31. **Kumar A**, Djulbegovic B. In Reply. *J Clin Oncol* 2007;25(25):4028.
32. Madhusmita Behera, **Ambuj Kumar**, Heloisa P. Soares, Lubomir Sokol, and Benjamin Djulbegovic. Evidence-based Medicine for Rare Diseases: implications for data interpretation and clinical trial design. *Cancer Control* 2007; 14 (2):160-66.
33. **Ambuj Kumar**, Heloisa P. Soares, Lodovico Balducci, and Benjamin Djulbegovic. Treatment Tolerance and Efficacy in Geriatric Oncology: A Systematic Review of Phase III Randomized Trials Conducted by Five National Cancer Institute–Sponsored Cooperative Groups. *J Clin Oncology*: 2007; 25(10):1272-1276.
34. Soares HP, **Kumar A**, and Djulbegovic B. Evidence profiles for breast cancer: benefit/harms data based on the totality of randomized evidence. *Cancer Treat Rev.* 2007 Feb;33(1):87-9
35. Soares HP, **Kumar A**, Djulbegovic B. Evidence profiles for lung cancer: Benefit/harms data based on the totality of randomized evidence. *Cancer Treat Rev.* 2006 Dec;32(8):652-5
36. Djulbegovic B, Soares HP, **Kumar A**. What kind of evidence do patients and practitioners need: Evidence profiles based on 5 key evidence-based principles to

- summarize data on benefits and harms. *Cancer Treat Rev.* Nov 2006;32(7):572-576.
37. **Kumar A**, Soares HP, Djulbegovic B. Evidence profiles for colo-rectal cancer: Benefit/harms data based on the totality of randomized evidence. *Cancer Treat Rev.* Nov 2006;32(7):577-580.
38. **Kumar A**, Djulbegovic B. Myeloma (multiple) (Book chapter). *Clin Evid.* Jun 2006(15):1-29
39. **Kumar A**, Soares HP. Salvage radiotherapy increases survival in people with residual disease after chemotherapy for advance diffuse large cell lymphoma. *Cancer Treat Rev.* Oct 2006;32(6):487-490
40. **Kumar A**, Soares H, Wells R, et al. Are experimental treatments for cancer in children superior to established treatments? Observational study of randomised controlled trials by the Children's Oncology Group. *Bmj* 2005;331(7528):1295.
41. Stem Cell Trialists' Collaborative G. Allogeneic Peripheral Blood Stem-Cell Compared With Bone Marrow Transplantation in the Management of Hematologic Malignancies: An Individual Patient Data Meta-Analysis of Nine Randomized Trials. *J Clin Oncol* 2005;23(22):5074-5087.
42. **Ambuj Kumar**, Heloisa Soares and Fadila Serdarevic. Totality of Evidence: One of the Keys to Better Oncology Management. *Journal of Oncology Management*, 2005. 14(1): p. 12-14.
43. Heloisa P. Soares, **Ambuj Kumar**, Stephanie Daniels, Suzanne Swann, Alan Cantor, Iztok Hozo, Mike Clark, Fadila Serdarevic, Clement Gwede, Andy Trotti,

- Benjamin Djulbegovic: Evaluation of new treatments in radiation oncology: are they better than standard treatments? *Journal of American Medical Association (JAMA)*, 2005; 239(8); 970-978
44. Stem Cell Trialists Group. Allogeneic Peripheral Blood Stem Cell Transplant vs. Bone Marrow Transplant in the Management of Hematological Malignancies: An Individual Patient Data Meta-Analysis of 9 Randomized Trials. *The Hematology Journal*. 2004; 5: S89-S109
45. Soares HP, Daniels S, **Kumar A**, Clarke M, Scott C, Swann S, Djulbegovic B. Bad reporting does not mean bad methods for randomised trials: observational study of randomised controlled trials performed by the Radiation Therapy Oncology Group. *Bmj*, 2004. 328(7430): p. 22-4.
46. **Kumar A**, Loughran T., Alsina M., Durie B. and Djulbegovic B., Management of multiple myeloma: a systematic review and critical appraisal of published studies. *Lancet Oncology*. 2003; 4 (May 2003): 293-304.
47. Djulbegovic B., Seidenfield J., Bonnell C., and **Kumar A**., Nonmyeloablative Allogeneic Stem-Cell Transplantation for Hematologic Malignancies: A Systematic Review. *Cancer Control Journal*. 2003; 10 (1): 17-25.
48. **Kumar A**, Djulbegovic B. Why Evidence Based Oncology Management. *Journal of Oncology Management* 2002;11(6):13-16.
49. Noland V., **Kumar A**., Voss A., et al. Sex Education, Access to contraception, and Rates of Teen Pregnancy: A Comparison of the Federal Republic of Germany

and the United States. International Electronic Journal of Health Education 2002;5:1-11.

Book Chapters

January 2009-Present

Book chapter on Hairy Cell Leukemia for **BMJ Best Practices** and **BMJ point of Care and Epocrates online**

December 2006-Present

Book chapter on the Use of Growth Factors in Hematological Malignancies, in the Book titled **“Evidence Based Hematology”**

November 2004-Present

Book chapter on **Clinical evidence** for the management of Multiple Myeloma, British Medical Journal

Bibliography II

Plenary/Platform Presentations:

1. Reljic T, Bhansali N, Komrokji RS, Lin K, List AF, et al. Comparative Effectiveness of Azacitidine Versus Decitabine for the Treatment of Myelodysplastic Syndromes. Blood (ASH Annual Meeting Abstracts), Nov 2010; 3995. **Oral Presentation.**

2. Rahul Mhaskar, **Ambuj Kumar**, Heloisa Soares, William Gardner, Benjamin Djulbegovic. Treatment related harms: What was planned and what was reported? An analysis of Southwest Oncology Group Phase III trials. 17th Cochrane collaboration colloquium, Singapore, Oct 11 - 14, 2009. **Oral Presentation.**
3. **Ambuj Kumar**, Anja Magazin, Heloisa Soares, and Benjamin Djulbegovic. Quality of Randomized Controlled Trials (RCTs) in Hematological Malignancies: What was Reported versus What was Done. 14th Congress of the European Hematological Association. Berlin, Germany. June 4 -7, 2009. **Oral Presentation.**
4. **Ambuj Kumar**, Anja, Magazine, Heloisa Soares, Benjamin Djulbegovic. Quality of Randomized Controlled Trials (RCTs): Comparison between What was Reported vs. What was Done. 2009 Research Conference on Research Integrity. Niagara Falls, NY, USA. May 15 - 17, 2009. **Plenary Session; Oral Presentation.**
5. Anja Magazin, **Ambuj Kumar**, Heloisa Soares, Iztok Hozo, Michael Schell, Benjamin Djulbegovic. Inconclusive Trials and Optimism Bias. 2009 Research Conference on Research Integrity. Niagara Falls, NY, USA. May 15 - 17, 2009. **Oral Presentation.**
6. Magazin A, **Kumar A**, Soares H, Schell M, Hozo I, Djulbegovic B (2008) Expectation Bias-the Main Culprit for Large Number of Inconclusive Randomized Controlled Trials in Hematological Malignancies. *ASH Annual Meeting Abstracts* 112: 671- **Oral Presentation.**

7. A Magazin, **A Kumar**, H Soares, I Hozo, M Schell, B Djulbegovic. Empirical investigation of optimism bias. In 16th Cochrane Colloquium “Evidence in the era of globalization”. Freiburg, Germany 3 - 7 October 2008. **Oral Presentation.**
8. B. Djulbegovic, C. Moreno, **A. Kumar**, R. Lush, P. N. Munster, A. I. Daud, C. R. Garrett, G. R. Simon, J. E. Lancet, D. M. Sullivan, Phase I Program Physicians and Nurses. Benefits (survival) and risks (30 days mortality) of phase I trials in oncology. *J Clin Oncol* 26: 2008 (May 20 suppl; abstr 6508). **Oral Presentation.**
9. Djulbegovic B, **Kumar A**, Soares H, Hozo I, Bepler G, Clark M, et al. Treatment Success in Cancer. *Blood* (ASH Annual Meeting Abstracts) 2007;110(11):631.**Oral Presentation.**
10. Heloisa P. Soares, **Ambuj Kumar**, and Benjamin Djulbegovic. Lack of Reporting Harms in the NCI-Sponsored Phase III Hemotological Malignancies Trials Leads to Outcomes Reporting Bias. Presented in plenary session at the 2006 Office of Research Integrity conference on Integrity, December 1st to 3rd, Safety Harbour, Florida, 2006. **Oral Presentation, Plenary session**
11. **Ambuj Kumar**, Benjamin Djulbegovic, and Heloisa P. Soares. Unrealistic Expectations of Treatment Effects May Hamper Advancements in Medicine: A Review of Randomized Trials Conducted by 3 NCI Cooperative Groups. Presented in plenary session at the 2006 Office of Research Integrity conference on Integrity, December 1st to 3rd, Safety Harbour, Florida, 2006. **Oral Presentation, Plenary session**
12. Soares HP, **Kumar A**, Djulbegovic B. Quality of Reporting of Harms in the NCI Sponsored Phase III Hematological Malignancies Trials. (Abstracts for the 47th

Annual Meeting of the ASH) 2005; 106 (11): 89a. **Oral presentation:** abstract 292

13. **Kumar A**, Soares H, Djulbegovic B. Are Statistically Non-Significant Findings Necessarily Negative? A Review of All Phase III Randomized Controlled Trials in Hematology Conducted by NCI Sponsored Cooperative Groups. Abstracts for the 47th Annual Meeting of the ASH) 2005; 106 (11): 89a. **Oral presentation:** abstract 293

14. Djulbegovic B, Soares HP, **Kumar A**. Citation Impact of Breakthrough Interventions for Malignant Blood Disorders. (Abstracts for the 47th Annual Meeting of the ASH) 2005; 106 (11): 871a. **Oral presentation:** abstract 3115

15. **Kumar A**, Soares H, Djulbegovic B. High proportion of high quality trials conducted by the NCI are negative or inconclusive. In: XIII Cochrane Colloquium: Melbourne, Australia; October 22-26; 2005. **Oral Presentation**

16. Heloisa P Soares, **Ambuj Kumar**, Franco Silvestris and Benjamin Djulbegovic. Systematic Review and Meta-Analysis of Randomized Controlled Trials of Erythropoietin in Multiple Myeloma: Proc American Society of Hematology; Blood. 2004; 104 (11): 70a. **Oral Presentation**

17. H. P. Soares, **A. Kumar**, S. Daniels, D. J. Sargent, J. C. Buckner, S. Swann, R. E. Smith, A. Khyatat, R. J. Wells, B. Djulbegovic. Lack of publication bias in randomized clinical trials (RCTs) sponsored by the National Cancer Institute (NCI) and performed by Cooperative Oncology Groups (COGs). Proc Am Soc Clin Oncol 2004 (23):522. **Oral Presentation**

18. Heloisa P. Soares, Otavio A. Clark, **Ambuj Kumar**, Benjamin Djulbegovic. Prophylaxis of Infection in Multiple Myeloma Patients: A Systematic Review of Randomized Controlled Trials. Instituto do Radium de Campinas, Campinas, Sao paulo, Brazil. 2003 Abs 5259. **Oral Presentation**
19. Heloisa P. Soares, Xuemei Yang, Otavio A. Clark, **Ambuj Kumar**, Benjamin Djulbegovic. How Early Could We Have Known That Some Hematological Interventions Were Effective? Instituto do Radium de Campinas, Campinas, Sao Paulo, Brazil. 2003. Abs 5260. **Oral Presentation**
20. Djulbegovic B, Soares HP, Daniels S, **Kumar A**, Clarke M, et al: Evaluation of new treatments in cancer: are they better than standard treatments? XI Cochrane Colloquium (2003) Abs 49. **Oral Presentation**

Poster Presentations :

1. Karen Lin, Tea Reljic, **Ambuj Kumar**, Jeffrey E. Lancet, Alan F. List, and Rami S. Komrokji; Poor Outcome of Patients with Myelodysplastic Syndrome (MDS) After Azacitidine Treatment Failure; Blood (ASH Annual Meeting Abstracts), Nov 2010; 116: 2913.
2. **Kumar A**, Mhaskar AR, Kharfan-Dabaja M, Anasetti C, Mohty M, et al. Antithymocyte Globulin (ATG) for Graft-Versus-Host-Disease (GvHD) Prophylaxis In Patients Undergoing Allogeneic Hematopoietic Cell Transplantation (allo-HCT): a Systematic Review and Meta-Analysis. Blood (ASH Annual Meeting Abstracts), Nov 2010; 1513.
3. Pidala J, Djulbegovic B, Anasetti C, Kharfan-Dabaja MA, **Kumar A**; Allogeneic Hematopoietic Cell Transplantation for Acute Lymphoblastic Leukemia In First

Complete Remission: A Systematic Review and Meta-Analysis. Blood (ASH Annual Meeting Abstracts), Nov 2010; 3511.

4. Mhaskar R, Wao H, **Kumar A**, Miladinovic B, Djulbegovic B Role of Iron Supplementation to Erythropoiesis Stimulating Agents In the Management of Chemotherapy-Induced Anemia In Cancer Patients: A Systematic Review and Meta-Analysis. Blood (ASH Annual Meeting Abstracts), Nov 2010; 2055.
5. Mhaskar R, Redzepovic J, Wheatley K, Clark O, Glasmacher A, Djulbegovic, B and **Kumar A**. Comparative Effectiveness of Bisphosphonates In Multiple Myeloma. Blood (ASH Annual Meeting Abstracts), Nov 2010; 3028.
6. Rahul Mhaskar, **Ambuj Kumar**, Heloisa Soares, William Gardner, Benjamin Djulbegovic. Treatment related harms: What was planned and what was reported? An analysis of Southwest Oncology Group Phase III trials. 17th Cochrane collaboration colloquium, Singapore, Oct 11 - 14, 2009.
7. **Ambuj Kumar**, Asmita Mhaskar, Benjamin Djulbegovic, Clement Gwede, Gwendolyn Quinn. Information seeking behavior of oncologists on benefits and harms of cancer treatments in the context of Evidence-Based-Medicine- A qualitative study. Annual Meeting of the Society for Medical Decision Making. Hollywood, CA, USA, October 18 – 21, 2009.
8. **Ambuj Kumar**, Alan F List, Iztok Hozo, Benjamin Djulbegovic. Hypo-methylating agents for the treatment of Myelodysplastic syndromes: Azacitidine versus Decitabine – A systematic review, meta-analysis and indirect meta-analysis. 14th Congress of the European Hematological Association. Berlin, Germany. June 4 - 7, 2009.

9. **Kumar A**, Mhaskar A, Vadaparampil S, Djulbegovic B, Quinn G, The Moffitt Fertility Preservation G. Fertility preservation and timing of cancer treatment. *ASCO Meeting Abstracts* 2009;27:e20629.
10. Mhaskar, R.S., **Kumar, A.**, Soares, H., Schell, M., Djulbegovic B. Does quality of treatment-related harms reporting affect conclusions about superiority of treatment? Annual Meeting American Society of Clinical Oncology, Orlando, Florida. May 29 – June 2, 2009.
11. Patricia L Spencer, Benjamin Djulbegovic, **Ambuj Kumar**, Julio Pow-Sang (2009) Systematic Reviews for Prostate Cancer: Overwhelming Task for Clinicians. *The Journal of Urology*; Vol.181 (No. 4) Supplement, Page 6
12. **Kumar A**, List AF, Mhaskar R, Djulbegovic B (2008) Efficacy of Hypo-Methylating Agents in the Treatment of Myelodysplastic Syndromes: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. *ASH Annual Meeting Abstracts* **112**: 3632.
13. **Kumar A**, Hozo I, Djulbegovic B (2008) Thalidomide Versus Bortezomib-Based Regimens for Relapsed Myeloma: Meta-Analysis and Indirect Meta-Analysis. *ASH Annual Meeting Abstracts* **112**: 2362.
14. Mhaskar, R. S., **Kumar, A.**, & Djulbegovic, B. (2008, October 19, 2008). Agreement of decision analyses and matching randomized clinical trials in assessment of treatment comparisons: a systematic review. Paper presented at the 30th Annual Society for Medical Decision Making Meeting, Philadelphia.
15. **A. Kumar**, R. J. Wells, H. P. Soares, B. Djulbegovic. How often do "breakthrough" interventions (BI) discovered in randomized controlled trials

(RCTs) conducted during last 50 years inform the current practice? *J Clin Oncol* 26: 2008 (May 20 suppl; abstr 6558).

16. Behera M, **Kumar A**, Kharfan-Dabaja MA, Djulbegovic B. Role of High-Dose Chemotherapy with Autologous Stem Cell Transplantation in Primary Systemic Amyloidosis: A Systematic Review and Meta-Analysis. *Blood* (ASH Annual Meeting Abstracts) 2007;110(11):2872.
17. **Kumar A**, Kharfan-Dabaja MA, Glasmacher A, Djulbegovic B. Tandem Versus Single Autologous Hematopoietic Cell Transplantation for Treatment of Multiple Myeloma: A Meta-Analysis of Randomized Controlled Trials (RCT). *Blood* (ASH Annual Meeting Abstracts) 2007;110(11):936.
18. **Kumar A**, Soares H, Alsina M, Djulbegovic B. Are randomized trials in multiple myeloma adequately powered? *Haematologica* 2007;92(6, supplement 2):208.
19. **Ambuj Kumar**, Benjamin Djulbegovic, Heloisa P. Soares. Role of High-Dose Chemotherapy with Autologous Haematopoietic Stem Cell Transplantation for Relapsed or Refractory Hodgkin's Disease. Abstract #5432, *Blood*, Volume 108, issue 11, November 16, 2006.
20. **Ambuj Kumar**, Benjamin Djulbegovic, and Heloisa P. Soares. Plasmapheresis in the Treatment of Renal Failure Associated with Multiple Myeloma. Abstract #3585, *Blood*, Volume 108, issue 11, November 16, 2006.
21. **Ambuj Kumar**, Heloisa Soares, Benjamin Djulbegovic. Possible misleading conclusions due to inappropriate approach in dealing with data extraction from factorial design randomized trials. In XIV Cochrane Colloquium: Dublin, Ireland; October 23-26; 2006.

22. B. Djulbegovic, **A. Kumar**, H. P. Soares. What is the probability that new cancer treatments are better than standard treatments? Journal of Clinical Oncology, 2006 ASCO Annual Meeting Proceedings Part I. Vol 24, No. 18S (June 20 Supplement), 2006.
23. **A. Kumar**, H. P. Soares, L. Balducci, B. Djulbegovic. Treatment efficacy and tolerance in geriatric oncology. Journal of Clinical Oncology, 2006 ASCO Annual Meeting Proceedings Part I. Vol 24, No. 18S (June 20 Supplement), 2006.
24. E. Segota, H. P. Soares, B. Djulbegovic, **A. Kumar**, D. Bassler, G. H. Guyatt. Randomized clinical trials in oncology stopped early for benefit (RCTSEB). Journal of Clinical Oncology, 2006 ASCO Annual Meeting Proceedings Part I. Vol 24, No. 18S (June 20 Supplement), 2006.
25. H. P. Soares, B. Djulbegovic, **A. Kumar**, T. Tanvetyanon, G. Bepler. Evaluation of publicly-sponsored lung cancer trials in US: Are experimental treatments better than the control ones? Journal of Clinical Oncology, 2006 ASCO Annual Meeting Proceedings Part I. Vol 24, No. 18S (June 20 Supplement), 2006.
26. Soares H, **Kumar A**, Clarke M, Djulbegovic B. How long does it takes to publish a high quality trial in oncology. In: XIII Cochrane Colloquium: Melbourne, Australia; October 22-26; 2005.
27. Soares H, **Kumar A**, Serdarevic F, et al. Equipoise principle, and NCI-sponsored clinical trials: Are investigators truly uncertain about their comparisons? Proceedings of American Society for Clinical Oncology; J Clin Oncol. 2005; 23 (16s): 6050.

28. Djulbegovic B, **Kumar A**, Soares H, et al. A relationship between ethics of clinical trials and therapeutic advances in cancer. Proceedings of American Society for Clinical Oncology; J Clin Oncol.2005; 23 (16s): 6090
29. **Kumar A**, Soares H, Serdarevic F, et al. How many new treatments are “breakthroughs”? Evaluation of innovations in cancer. Proceedings of American Society for Clinical Oncology; J Clin Oncol.2005; 23 (16s): 6066.
30. Heloisa P Soares, Rodrigo Santucci, **Ambuj Kumar**, Benjamin Djulbegovic, Joao Glasberg and Auro Del Giglio. Detection of Cytokeratin-19 in Peripheral Blood of Breast Cancer Patients: Results from a Systematic Review/Meta-Analysis: Proc American Society of Hematology; Blood. 2004; 104 (11): 143b.
31. **Stem Cell Trialists Collaborative Group**. Allogeneic Peripheral Blood Stem Cell vs. Bone Marrow Transplantation for Patients with Chronic Myeloid Leukemia: Results of an Individual Patient Data Meta-Analysis: Proc American Society of Hematology; Blood. 2004; 104 (11): 907a.
32. **Stem Cell Trialists Collaborative Group**. The Administration of Day 11 Methotrexate (MTX) for GVHD Prophylaxis Improves Outcomes for Patients Receiving Allogeneic Peripheral Blood Stem Cell Transplantation (PBSC): An Individual Patient Data Meta-Analysis (IPDMA): Proc American Society of Hematology; Blood. 2004; 104 (11): 179a-180a.
33. **Kumar A**, Soares HP, Wells RJ, et al. Experimental vs. control interventions in cancer: which is better? The Children's Oncology Group Experience. Proc Am Soc Clin Oncol 2004(23):521.

34. Heloisa P. Soares, Otavio A. Clark, **Ambuj Kumar**, Benjamin Djulbegovic.
Prophylaxis of Infection in Multiple Myeloma Patients: A Systematic Review of
Randomized Controlled Trials. BLOOD 102 (11): 383B-383B 5259 Part 2, NOV
16 2003.
35. Heloisa P. Soares, Xuemei Yang, Otavio A. Clark, **Ambuj Kumar**, Benjamin
Djulbegovic. How Early Could We Have Known That Some Hematological
Interventions Were Effective? BLOOD 102 (11): 497A-497A 1810 Part 1 NOV 16
2003.
36. H. P. Soares, A. Del Giglio, R. S. Silva, O. Clark, **A. Kumar**, and B. Djulbegovic.,
Reverse transcriptase polymerase chain reaction for minimal residual disease
detection in the peripheral blood of women with breast cancer: A meta-analysis.
Proc Am Soc Clin Oncol:3531; 2003.

Services:

University/College Services/Advisory council

<i>December 2010 to present</i>	Core Co-Leader , Center for Equal Health, Moffitt Cancer Center and University of South Florida
<i>September 2010 to present</i>	Member, Institutional Review Board (IRB-01B) , University of South Florida.
<i>September 2010 to present</i>	Member, Academic Performance Review Committee (APRC) , University of South Florida College of Medicine
<i>June 2010 to December 2010</i>	Member, Taskforce to develop SELECT program Medical School curriculum in collaboration with University of South Florida and Leigh High Valley Healthcare Network
<i>March 2009 to 2010</i>	Member, Taskforce devoted to developing personalized faculty web pages, Moffitt Cancer Center

September 2008 to 2010 **Member, Ropes and Gray Implementation Workgroup**
for the implementation and compliance of Total
Cancer Care policies, Moffitt Cancer Center

December 2001 to January 2005 **Member**, Scientific Advisory Board for Standardizing
Air Quality Standards, Pure Air Control Services

Journal Editorial/Reviewer Services

January 2010 – present **Co-Editor**
Cochrane Collaboration Hematological malignancies
group
Cochrane Collaboration Lung Cancer Group

May 2010 – present **Member of Selection Committee** for **Abstract Reviews**
for presentation at the Annual American Society for
Hematology (**ASH**) Meeting; Health Services Research
Section

July 2003-present **Reviewer**
ACTA- Haematologica
Agency for Healthcare Research and Quality (AHRQ)
Cochrane Collaboration
Agency for Healthcare Research Quality (AHRQ)
American Journal of Public Health
British Journal of Cancer
British Medical Journal
Cancer Treatment Reviews
BMJ Clinical Evidence
Cancer Treatment Reviews
Clinical Trials
European Journal of Haematology
Journal of Clinical Oncology
Journal of Geriatric Internal Medicine
Journal of National Cancer Institute
Leukemia and Lymphoma
PLoS ONE
Trials

Community Service
2009 to present

President, Park Lake Estates HOA, Pinellas Park

CURRICULUM VITAE
Mudra Kohli-Kumar, MB, BS, MD, MRCP, FAAP

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 South Tampa Center for Advanced Health Care
 2 Tampa General Circle, 5th Floor
 Tampa, FL 33606
 (813) 259-8752
 (813) 259-8749 (fax)
 E-mail: mukumar@health.usf.edu

SUMMARY STATEMENT

I am a clinician and educator: an academic Pediatrician with a special interest in medical education. As a core faculty member in the Department of Pediatrics and College of Medicine at the University of South Florida, I am intimately involved with educating, mentoring and promoting research with medical students, pediatric residents and junior colleagues. I have trained in India, the United Kingdom and the United States in Pediatrics and have expertise in Pediatric Hematology/Oncology and Bone Marrow Transplantation with a special interest in Anemia. As the only physician in this sub-specialty at USF, I have been solely responsible for the teaching of students and residents in this field for over 10 years. My current appointment as the course director for the second year medical students, has given me a unique opportunity to be involved with the integration of teaching of core basic and clinical sciences in the medical school curriculum, creation of innovative teaching modules with active and problem based learning, and incorporating recent technological advances in medicine and IT. My medical experience in the three continents- Asia, Europe and America gives me a unique and global perspective in the education and practice of medicine, utilization of resources and optimal delivery of healthcare.

CLINICAL AND ACADEMIC APPOINTMENTS

Pediatrician - Clinical Assistant Professor of Pediatrics
 All Children's Hospital
 801 6th Street South, St. Petersburg, FL 33701
 Affiliate of the University of South Florida
 10/1/95-1/10/2001

Courtesy Assistant Professor of Pediatrics
 USF Department of Pediatrics, Division of General Pediatrics
 7/ 1/1996 -1/8/2001

Assistant Professor
 Department of Pediatrics – University of South Florida
 1/9/2001 – 6/30/2002

Associate Professor

Department of Pediatrics- University of South Florida
7/1/2002 - Present

Director:

Pediatric Hematology & Sickle Cell Disease clinic, USF
1/09/01 – 1/1/2006

Co-course Director:

Evidence based clinical practice (EBCP) BMS 6835.
Second year medical student, USF
7/1/2010-6/30/2011

Assistant Course Director

Medical Sciences 1 BMS 6041,
Medical Sciences 2 BMS 6042,
Medical Sciences 3 BMS 6043:
Introduction to Clinical Medicine,
Second year medical student, USF
7/1/2011-6/30/12

Assistant Course Director

Medical Sciences 5 BMS 6041.721M12
7/1/12-ongoing

Co-course Director:

Medical Sciences 6 BMS 6042.722M12
7/1/12-ongoing

Associate Course Director

Medical Sciences 7 BMS 6043.723M12
7/1/12-ongoing

EDUCATION

MB, BS University of Delhi, India	2/28/81
MD (Pediatrics) University of Delhi, India	3/24/85
MRCP (Pediatrics) Royal College of Physicians, United Kingdom	3/27/87

MEDICAL SCHOOL

Lady Hardinge Medical College, New Delhi, India	1975 – 1979
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GRADUATE EDUCATION AND MEDICAL TRAINING

<u>HOSPITALS, GRADE AND SPECIALITY</u>	<u>DATES OF ATTENDANCE</u>	
Lady Hardinge Hospital Internship New Delhi	01/1/80	12/31/80
Lady Hardinge Hospital Gynecology Resident in Obstetrics New Delhi	01/1/81	06/30/81
Lady Hardinge Resident in Pediatrics	07/1/81	12/31/81
Kalawati Saran Hospital New Delhi	04/1/82	03/31/84
Bedford General (Senior) Senior House Officer United Kingdom	10/22/84	02/28/86
Hospital, Bedford, Pediatrics (Registrar level) United Kingdom	10/22/84	02/28/86
Children's Hospital Medical Center, Resident, Pediatrics Cincinnati	02/11/94	02/10/95

FELLOWSHIP

Royal Victoria Infirmary - Leukemia Research Fellow (Honorary Registrar), Honorary Research Associate Pediatric Oncology/Hematology Department of Child Health Newcastle upon Tyne United Kingdom	03/1/86	03/15/87
Royal Manchester Children's Hospital Leukemia Research Fellow Pediatric Oncology/Hematology	8/1/87	8/15/ 88

Manchester, United Kingdom

Regional Blood Transfusion Center Transfusion Medicine, Manchester United Kingdom.	7/1/89	11/30/89
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Manchester Royal Infirmary University Department of Clinical Haematology, Manchester, United Kingdom	5/15/89	1/10/ 91
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Children's Hospital Medical Center Fellow in Hematology/Oncology and Bone Marrow Transplant Cincinnati, United States	2/11/91	2/10/94
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BOARD CERTIFICATION

Diplomat, American Board of Pediatrics
Initial certification: 10/11/95; recertified: 9/2003

Diplomat, American Board of Pediatric Hematology Oncology
Initial certification: 11/12/96; recertified: 10/2003

PROFESSIONAL MEMBERSHIPS

Fellow, American Academy of Pediatrics: 1995- present
Past Member, American Society of Hematology
Past Member, American Society of Pediatric Hematology-Oncology

CONSULTING PHYSICIAN

Children's Medical Services, Pinellas County, Florida
Children's Medical Services, Hillsborough County, Florida

PROFESSIONAL LICENSE

Florida- 1995- present

HOSPITAL PRIVILAGES

Tampa General Hospital: August 1996 to present
All Children's Hospital 1995- 2005 (voluntary resignation)

AWARDS AND RECOGNITION

Attending of the Year Award from USF Pediatric Residents,
"Outstanding Teaching Ability and Patient Care".
1998-1999

Certificate of Appreciation:
USF Pediatric and Med-Pediatrics Residents
1998-1999
1999-2000
2000-2001
2001-2002

Attending -Year Award: USF Pediatric Residents,
2002-2003

Best Doctors in America:
2003-2004
2004-2005
2005-2006
2006-2007
2007-2008
2008-2009
2009-2010
2010-2011
2011-2012

Most Recommended Physicians, Florida:
2011

Deans Bonus Award for excellence in Clinical Care
2010

Deans Bonus Award for excellence in Research and Education
2010

- ECSS Awardee for Educational Excellence 2011/12- Office of Education

TEACHING RESPONSIBILITIES AND ACCOMPLISHMENTS

COURSE DIRECTORSHIP

CO-COURSE DIRECTOR:

Evidence Based Clinical Practice (EBCP), BMS 6835, USF
7/1/2010-6/30/2011

This is an essential course for the second year medical students. It incorporates the principles of applied clinical epidemiology, critical appraisal skills and clinical medicine and teaches an evidence based approach to clinical practice. It integrates clinical diagnosis and reasoning

strategies and encourages acquisition of scientific information and knowledge in an independent manner.

Responsibilities include:

Curriculum development

Lecture schedule and calendar development:

Review of didactic lectures

Organize and conduct active learning sessions

Feed back to the teachers and lecturers

Quiz: development, organization and vetting of quiz questions after every block of teaching,

Grading and addressing queries from medical students after each exam.

Organization, supervision and counseling of students needing remediation in the course

Final grading of students at completion of their second year.

Participation in APRC committee for academic and professional progress

Facilitate evaluation of teaching faculty by the students

ASSISTANT COURSE DIRECTOR,

Course 5 BMS 6041, Medical Sciences 1

Course 6, BMS 6042 Medical Sciences 2

Course 7 BMS 6043: Medical Sciences 3

7/1/2011-ongoing

This is an essential course for the second year medical students at USF. My responsibilities include organizing the clinical lectures (Introduction to Clinical Medicine) and integration of basic science topics with emphasis to clinical practice. The conventional and strict division between basic sciences and clinical practice needs to be somewhat indistinct, with more transparent and obvious connection of basic sciences to clinical practice.

The other responsibilities include:

All activities as co-course director above

Assisting the lead Course Directors of Course 5, 6 and 7

Integration and coordination with other course directors:

Doctoring BMS 6826,

Evidence Based Clinical Reasoning BMS 6837

TEACHING AND LECTURING

First Year Medical Students:

Longitudinal Clinical Experience (LCE): BMS 6941; one student for six month blocks for half day session per week
2006-Ongoing

Second Year Medical Students:

Longitudinal Clinical Experience BMS (LCE): BMS 6941; one student for six month blocks for half day session per week.
2006-Ongoing

Colloquium: BMS 6920;
Lead faculty in the “Living with Death, Disability and Disease- patient and family perspective” for last 6 years.
2005- Ongoing

Class room Teaching: EBCP course BMS 6835;
6 hours of didactic lectures in 2010-2011.
2010-Ongoing

Active learning sessions/team based learning and large group sessions-
EBCP course BMS 6835; 30 hours of sessions during 2010-2011.
2010-Ongoing

Third year medical students:

Inpatient pediatric rotation: MEL 8555;
Supervision and teaching of 4 to 5 students during the ward rotation at All Children’s Hospital wards.
1995-2001

Outpatient clinical pediatric rotation: supervision and teaching of 1 to 2 students every clinic during their rotation at All Children’s Hospital.
1995-2001

Outpatient clinical pediatric rotation:
Supervision and teaching of 1 to 2 students every clinic.
2001-2005

Inpatient pediatric rotation:
Supervision and teaching of 4 to 5 students during the ward rotation at Tampa General Hospital Pediatric wards.
2001-2005

Nursery and newborn rotations: BCC7134;

Supervision and teaching of 4 to 5 students during their normal newborn rotation.
2001- 2007

Primary care and special population Clerkship: BCC 7184;
Supervision and teaching 1 to 2 students per week in all out patient clinical sessions.
2005-Ongoing

Integrated Internal Medicine-Pediatrics inpatient rotation: BCC 7144;
Supervision and teaching 4 to 5 students during inpatient rotation.
2005- Ongoing

Case based discussion: BCC 7144;
Every block rotation (Pediatric Hematology/Oncology)-15 to 25 students
2005- Ongoing

Quiz discussion: BCC 7144;
Every block rotation (Pediatric Hematology/Oncology) :about 30 students per session.
2001- Ongoing

Morning Report moderator BCC 7144;
Every Monday morning at Tampa General Hospital discussing interesting cases-about 5 to 7 students per week.
2001- Ongoing

Noon lectures
Once a month on different general Pediatric and Pediatric Hematology/Oncology topics, given at TGH to residents and students.
2001- Ongoing

Fourth Year Medical Students:

Overseeing and supervision during their Pediatric clinical rotation.
2001- Ongoing

Visiting and USF AI

Supervision, mentoring and teaching of students from USF as well as other institutions desiring a Pediatric residency position at USF and interested in pursuing a career in Pediatrics.

GRADUATE MEDICAL EDUCATION:

Pediatric Residents:

Director: Pediatric Hematology Rotation- supervision and teaching in both inpatient and outpatient rotations, about one resident per month:
2001-2006

Noon lectures for Pediatric residents-about once a month on different general Pediatric and Pediatric Hematology/Oncology topics.
1995- Ongoing

General Pediatrics and Ambulatory Program:
1995-ongoing

Inpatient wards attending- supervision and teaching 3 to 4 residents at any given time during their Tampa General Hospital Pediatric ward rotation.
1995- Ongoing.

Outpatient continuity clinics: supervision and teaching 3 to 4 residents per clinic session;
2001-Ongoing:

Acute clinic/Open Access clinic: 3 to 4 residents per clinic session;
2001-Ongoing

Resident Advisor: 3 to 6 residents per year.
2001-Ongoing

Moderator for Morning Report:
Every Monday morning at Tampa General Hospital discussing interesting cases: 8 to 10 residents per session.
2001-Ongoing

Board review:
Discussion and teaching of General pediatrics and Pediatric Hematology/Oncology board questions with residents, once to twice per year.
2001-Ongoing

Residents in Medicine- Pediatric, Psychiatry, Family Medicine:

Clinical supervision of these residents –both in- patient wards and out-patient clinics- during their Pediatric Rotation.
2001-ongoing

POST-GRADUTE MEDICAL EDUCATION

General Pediatric Fellowship:

Participation, oversight and supervision of the Fellows in General Pediatrics in the outpatient clinic.
2009-Ongoing

Health Care providers:

Ongoing involvement with teaching of Nurses, ARNP, Medical Assistants, PA students in the outpatient clinic and inpatient ward rotations.
2001-Ongoing

GRANT/RESEARCH SUPPORT AWARDS

1. Co-Investigator, Faculty Development Grant in General Pediatrics. HRSA, Bureau of Health Professions. PI: Bernard Pollara, MD, PhD, 1996-1999. Total award: \$505,440.
2. Co-Investigator, Cefaclor vs. Cefuroxime Axetil in Difficult-to-Treat Acute Otitis Media. Eli Lilly and Company, PI: B. Pollara, M.D., Ph.D., 1998-1999. Total award: \$16,718.75.
3. Co-Investigator, Residency Training in General Internal Medicine and General Pediatrics Training Grant, HRSA, Bureau of Health Professions. PI: Bernard Pollara, MD, PhD, 1999-2002. Total award: \$1,366,883.
4. Principal Investigator, Post-Licensure Comparative Study of Unusual High-Pitched Crying (UHPC) and Prolonged Crying Following COMVAX and Placebo Versus PedvaxHIB and RECOMBIVAX HB in Healthy Infants -All Children's Hospital, 2000. Merck & Co., Inc. Total award: \$31,240.
5. Principal Investigator, CATCH planning Grant 2000. Everybody belongs. Connecting Kid's to Medical Homes: Total award \$5,460.
6. Principal Investigator, "Shaping the Future of Patients with Sickle Cell Disease through Secondary Education, Career and Vocational Counseling". USF Center for Scholarship and Action, 2003. Total award: \$15,000.
7. Principal Investigator, "Evaluation of Clinical Sensitivity and Specificity of the BinaxNOW® Influenza A+B FluStrip Test in Nasopharyngeal Swab Specimens Nasal Swab Specimens Tested directly on the BinaxNOW test". Oct 2008 to May 2009. Generated- Total award \$27,220.00.

ONGOING PROJECTS:

1. Sub-investigator: A phase 2, randomized, controlled, observer-blinded trial, to assess the safety, tolerability, and immunogenicity of MCV4, TDAP vaccine and rLP2086 vaccine when administered concomitantly in healthy subjects aged ≥ 10 to < 13 years.
2. Sub-investigator: A Phase 1/2a, Randomized, Double-Blind, Placebo-Controlled, Dose-Escalation Study to Evaluate the Safety, Tolerability, Immunogenicity and Vaccine-like Viral Shedding of MEDI-534, a Live, Attenuated Intranasal Vaccine Against Respiratory Syncytial Virus (RSV) and Parainfluenza Virus Type 3 (PIV3), in Healthy 6 to < 24 Month-Old Children and in 2 Month-Old Infants, initiated February 2009- ongoing
3. Senior Faculty Mentor/Researcher: Mudra Kumar
I pad project: 2011 Medical Education Proposal; "What Improvements in Medical Education Will Lead to Better Health for Individuals and Populations?" *To create a Comprehensive Asthma App for mobile devices to increase the frequency usage of Asthma Action Plans in the Resident Pediatric Clinics, to educate families on asthma, to track symptoms and ultimately improve asthma outcomes for our patients by recognizing when their symptoms are uncontrolled.*
Resident: Jonathan L. Metts, MD,
Junior Mentor: Lana Soylu,
4. Senior Faculty Mentor/Researcher: Mudra Kumar.
I pad project: 2011 Medical Education Proposal; "What Improvements in Medical Education Will Lead to Better Health for Individuals and Populations?" *Use of iPad in Pediatric Residency clinics to improve education provided to patients and families, thereby resulting in better patient compliance and improved clinical outcomes for the most common pediatric conditions.*

Residents: Tracy Burton, MD, Jennifer Pesce, MD, and Jennifer Kim, MD
Junior Mentor: Lana Soylu, MD

PUBLICATIONS

1. Kohli M. Family Surveys in Tuberculosis. MD Thesis, 1983, University of Delhi.

2. Kohli M, Daly H, Davison EV, Kernahan J, Reid MM. Translocation t(8;21) Associated with Marked Granulocytic Hyperplasia. *Cancer Genet Cytogenet* 31:193-197, 1988.
3. Bianchi A, Bruce J, Cooper AJ, Childs C, Kohli M, Morris ID, Morris-Jones P, Rothwell NJ. Increased Brown Adipose Tissue Activity in Children with Malignant Disease. *Horm metabol Res* 21: 640-641, 1989
4. Kohli-Kumar M, Rich AJ, Pearson ADJ. Displacement of Central Venous Catheters- an Observation. *Clinical Nutrition* 10:237, 1991.
5. Kohli-Kumar M, Pearson ADJ, Sharkey I, Craft AW. Urinary Retention - An Unusual Dystonic Reaction to High Dose Metoclopramide. *DICP* 25(5):469-70, 1991.
6. Kohli-Kumar M, Pearson ADJ, Sharkey I, Craft AW. Urinary Retention - An Unusual Dystonic Reaction to High Dose Metoclopramide. Translated in Spanish and published in *Pharmacy Digest* 2:18-19, 1992.
7. Kohli M, Pearson ADJ, Rich AJ, Amineddine HA, Craft AW. Comparison of Jugular Versus Saphenous Veins for Central Venous Access in Paediatric Oncology Patients. *Journal of Pediatric Surgery* 27(5): 609-611, 1992
8. Kohli-Kumar M, Shahidi NT, Broxmeyer H, Masterson M, DeLaat C, Sambrano J, Morris C, Auerbach A, Harris RE. Haematopoietic Stem/Progenitor Cell Transplantation in Fanconi Anemia using Sibling Umbilical Cord Blood Cells. *British J Hematology* 85:419-422, 1993.
9. Kohli-Kumar M, Morris C, DeLaat C, Sambrano J, Masterson M, Mueller R, Auerbach A, Harris RE. Bone Marrow Transplantation in Fanconi Anemia. *Blood* Vol 84: No 6, (Sept 15) 2050-2054, 1994.
10. Kohli-Kumar M, Barbosa J, Harris RE. Isolated Sphenoid Sinus Relapse following Bone Marrow Transplantation for Neuroblastoma. *American Journal of Pediatric Hematology-Oncology* 16 (4): 377-379, 1994
11. Kohli-Kumar M, Zwerdling T, Rucknagel D. Hemoglobin F Cinnati in a Newborn with Cyanosis. *American Journal of Hematology*. 49 (1): 43-7, 1995 May.
12. Kohli-Kumar M, Sambrano J, Hayes T, Harris RE. Cyclosporin A in the Treatment of Severe Aplastic Anemia in Children. *International Journal of Pediatric Hematology-Oncology*. 3:249-56, 1996
13. Gross F, Kohli-Kumar M. Index of Suspicion - Child with Asplenia. *Pediatrics in Review* Vol. 20, No. 5, May 1999.

14. Borden M, Dekle J, Kohli-Kumar M. Index of Suspicion - 12 year old with Jaundice. Pediatrics in Review; Vol. 20, No. 8, August 1999.
15. Pomerance HH, Gilbert Barnes E, Kohli-Kumar M, Arnold SR, Spoto-Cannons A. Clinical Pathologic Conference, USF. Journal of Pediatrics, Vol. 137, No. 1, July 2000.
16. Kohli-Kumar M, M.D., M.R.C.P. Screening for Anemia in Children: AAP Recommendations - a critique. Pediatrics, Vol.108, No. 3, 757, e 56 September 2001.
17. Kohli-Kumar M, M.D., M.R.C.P. Screening for Anemia in Children: AAP Recommendations - a critique. 1991
<http://www.pediatrics.org/cgi/content/full/108/3/e56>
18. Kohli-Kumar M, Lacson AG, Weber C, Pomerance, HH. Ten year-old with Hepatosplenomegaly and Bleeding from Nose, Gums and Mouth. Journal of Pediatrics, 140:608-13, 2002.
19. Kohli-Kumar M, Gross F. Asplenia, Hyposplenia & Asplenia Syndromes. Emedicine.com 2002. Continuously updated.
20. Kohli-Kumar M, Casatelli J. Scabies. emedicine.com 2002. Continuously updated.
21. Kohli-Kumar M, Casatelli J. Methemoglobinemia. emedicine.com 2002. Continuously updated.
22. Kohli-Kumar M. Tropical Splenomegaly Syndrome. emedicine.com 2002. Continuously updated.
23. Kohli-Kumar M, Alexander PJ. Thrush. emedicine.com 2002. Continuously updated.
24. Spoto-Cannons A, Kohli-Kumar M, Schwachman Diamond Syndrome. emedicine.com 2002, Continuously updated.
25. Kohli-Kumar M, Clark, D. Stridor. emedicine.com 2002, Continuously updated.
26. Kohli-Kumar M, Marandi H, Keller M, Guertin K, Hvizadala E. Use of Hydroxyurea and Recombinant Erythropoietin in Management of Homozygous β Thalassemia. Journal of Pediatric Hematology/Oncology, Vol. 24, No. 9, December 2002.

27. M. Sanka, M. Kumar. An Unusual Newborn Rash. Fetal and Pediatric Pathology, Volume 23, issue 4, July-Aug 2004
28. Karina Irizarry, Hans Christof Rossbach, Joseph R. A. Ignacio, Michelle P. Winesett, Greg C. Kaiser, Mudra Kumar, Enid Gilbert-Barness and Michael J. Wilsey, Jr. Sick Cell Intrahepatic Cholestasis with Cholelithiasis. Pediatric Hematology and Oncology, 23:95-102, 2006
29. R Gereige, M Kumar. Bone Lesions. Pediatrics in Review, 2010:31; 355-
30. R Gereige, M Kumar. Bone Lesions. 2010.
<http://pedsinreview.aappublications.org/cgi/content/full/31/9/355>
31. Joseph C Turbyville, Cecilia P Mikita, Mudra Kumar. Pediatric Asplenia. July 2010.
<http://emedicine.medscape.com/article/885226>
32. Camila K Janniger, Giuseppe Micali, Mudra Kumar. Pediatric Scabies. May 2011.
<http://emedicine.medscape.com/article/911033->
33. Michael J Verive, Mudra Kumar. Pediatric Methemoglobinemia. October 2009.
<http://emedicine.medscape.com/article/956528>
34. Antoinette C Spoto-Cannons, Jessica Marie Keshishian, Sarah Syed, Mudra Kumar. Schwachman Diamond Syndrome. September 2009
<http://emedicine.medscape.com/article/958476>
35. Robert W Tolan Jr, Mudra Kumar. Thrush. January 2011.
<http://emedicine.medscape.com/article/969147>

UNDER PREPARATION

1. Hemoglobin Manukao- this, we believe is the second case report ever published describing a rare, extremely unstable hemoglobin in mother – daughter. M Kohli-Kumar, C Judd, L Nelson, J Olivieri, JHoyer.
2. Nasal Septal Hematoma due to Vigorous Bulb Suctioning causing Respiratory Distress. Sowmya Ananthanarayana, Mudra Kumar. Case report,
3. Smoking Cessation Programs for Parents of Hospitalized Children. Kohli-Kumar M, Taunk P, Lily C, Baybut K.

BOOK CONTRIBUTIONS

1. Kohli-Kumar M, Harris RE. Bone marrow Transplantation in Fanconi Anemia. In Hobbs JR, Riches PG ed. Correction of Certain Genetic Diseases by Transplantation. London. Cogent 101-104, 1992
2. Kohli-Kumar M, Gross F. Unexplained Fever, in Challenges in Pediatric Diagnosis. Nazarian LF ed. American Academy of Pediatrics, 165-67, 2000

BOOK REVIEWS

1. Pediatrics Color Guide. M Kumar, Archives of Pediatric Adolescent Medicine, Vol. 153, January 1999.
2. Guide to MRCP questions. M Kumar, Archives of Pediatric Adolescent Medicine. Vol. 153, March 1999.

PLATFORM PRESENTATIONS

1. Kohli M, Campbell RHAC Adjuvant and Neoadjuvant Chemotherapy in Osteoblastoma - the MCTR experience. British Paediatric Association, York, April 1987

PUBLISHED ABSTRACTS

1. Kohli M, Campbell RHAC Adjuvant and Neoadjuvant Chemotherapy in Osteoblastoma - the MCTR experience. Proceedings of the British Paediatric Association Meeting, York, April 1987
2. Kohli M, Pearson ADJ, Rich AJ, Amineddine HA, Craft AW. Comparison of Jugular versus Saphenous Veins for Central Venous Access in Pediatric Oncology Patients. Pediatric Rev Commun 2:277-278, 1988
3. Boissy RE, Zhao H, Abdel Malek Z, Kumar MK, Nordlund JJ. Melanocytes cultured from Chediak-Higashi Patients. Journal of Investigative Dermatology 98:647, 1992

4. Richard E Harris, Mudra Kumar. Bone Marrow Transplantation for Fanconi Anemia in the United States. *Experimental Hematology* 21:714, 1993
5. Harris RE, Gluckman E, Kumar M, Deeg J, Frohnmayer L, Auerbach A, Neto JZ, Flowers M, Horowitz M. Fanconi Anemia: Preliminary report of the Fanconi Anemia Transplant Registry on 278 patients. *J Cellular Biochem Suppl* 18B, Jan 21-Feb 13: 98, 1994
6. Kohli-Kumar M, Sambrano J, Hayes T, Harris, R. Cyclosporin A (CSA) in the Treatment of Severe Aplastic Anemia (SAA) in children. *Blood*, Vol. 78, No. 10, Suppl. Nov. 15, 1991
7. Kohli-Kumar M, Morris C, Harris R. Bone Marrow Transplantation (BMT) in Fanconi Anemia (FA). *Blood*, Vol. 80, No. 10, Suppl. Nov. 15. 1992
8. Kumar M, Marandi H, Guertin K, Hvizdala E. Use of Hydroxyurea and Recombinant Erythropoietin in Management of Homozygous β Thalassemia. *Blood*, Vol. 98, No. 11, Abstract #3679, page 22b, Nov. 16, 2001

POSTER PRESENTATIONS

1. Kohli M, Pearson ADJ, Rich AJ, Amineddine HA, Craft AW. Comparison of Jugular versus Saphenous Veins for Central Venous Access in Paediatric Oncology Patients. Paediatric Research Society, Cardiff, UK, Sept 19, 1987
2. Kohli-Kumar M, Bruce J, Stevens R, Shambouge R, Morris-Jones P. Role of Vancomycin in Catheter Insertion Related Sepsis. International Society of Paediatric Oncology, Prague, Sept.18-22, 1989
3. Kohli-Kumar M. Kinetic Basis of Dosage of Vincristine in Children. International Society of Pediatric Oncologists, Rome, Oct 2-5, 1990
4. Kohli-Kumar M, Sambrano J, Hayes T, Harris RE. Cyclosporin A in Aplastic Anemia in Children. American Society of Hematology (ASH), Denver, Colorado, Dec 6-10, 1991
5. Kohli-Kumar M. Cord Blood Transplantation in Fanconi anemia. American Society of Hematology, (Satellite meeting), Denver, Colorado, Dec 8, 1991

6. Kohli-Kumar M. Bone Marrow Transplantation in Fanconi Anemia. American Society of Hematology, Anaheim CA., Dec 4-8, 1992
7. Myre SE, McCorkle NL, Kumar MK. Heat-Treated Breast Milk during Bone Marrow Transplant. 8th annual International Lactation Consultant Association Conference, San Francisco, CA, 1993
8. Mudra Kumar, Jennifer Oliveira, Courtney Judd, Linda Nelson, James Hoyer. Hemoglobin Manukao- An Unstable Hemoglobin in Mother and Daughter. To be presented at the International Society of Laboratory Hematology meeting at Nice, France, May 22- 24, 2012.

SERVICE

University of South Florida, College of Medicine

1. Institutional Review Board, University of South Florida, 5/1998 – 4/2001.
2. Continuing Medical Education Advisory Committee, University of South Florida, 7/1998 to 6/2000
3. Co-Coordinator, School Health Program/Pediatric Residency Program, USF. 7/1999 – 1/2001
4. Director, Community Advocacy Program for Pediatric Residents, USF. Conception, development and director of the program. 8/1999 – 12/2000
5. Co-Coordinator, Community Pediatrics Faculty Development Program, 5/1999 – 5/2000
6. Tampa Oversight Committee (TOC) of Pediatric Residency Program, USF, 1/2001- 6/2007
7. Faculty Advisor, Pediatric Residents, USF. 2001- Ongoing
8. Women in Medicine Program for Medical Students. USF. 2001-2005
9. Faculty council, USF Health, Member 9/2004- 9/2006
10. Big Buddy program:

Facilitator.

This program provides a unique experience and insight of family dynamics and challenges for the second year medical students. The (normal) siblings of patients with an oncological or hematological condition are paired one on one with the medical student for one year. They share a lot of activities and time together and get to know each other, forming relationships and bonds often that extend much later in life.

2001- Ongoing

11. Academic Performance Review Committee (APRC).

Member

Committee that constitutes of Associate Deans, Course Directors and Faculty members to review, evaluate and make recommendations to the Dean regarding promotion and graduation of students.

7/2010 –Ongoing

12. Member, Faculty Council.

Peer elected.

2012- Ongoing

AFFILIATED HOSPITALS

1. Faculty Advisor, USF Pediatric Residents, All Children's Hospital.
1996 - 2001.
2. St. Petersburg Oversight Committee (SPOC) of the Pediatric Residency Program, USF.
1997 –2001
3. Institutional Review Board, All Children's Hospital.
2000 –2001
4. Medical Advisor, Patient and Family Education Committee, All Children's Hospital.
1996 –2001

PROFESSIONAL

1. Florida Region 4 CATCH (Community Access to Child Health) Facilitator.
CATCH is national program of the American Academy of Pediatrics.
2000 -2005
2. Participant, composition of questions for American Board of Pediatric Examination and the American Board of Pediatric Hematology Oncology Examination.
1996 -2004
3. Invited Reviewer, American Journal of Kidney Disease
2002
4. Invited Reviewer, Journal of Pediatrics,
2004
5. Board of Editors, Pediatric Pathology & Molecular Medicine,
1998 - 2005

COMMUNITY/VOLUNTARY/NONPROFIT ORGANIZATIONS

1. Member, Hillsborough County Immunization task force.
1999 - 2001
2. Member, Board of Directors- Children's Cancer Center, Active participant on the Board, advising and facilitating issues especially related to medicine and development of programs for families and patients as well as overall running of the center, hiring of the staff and fundraising.
2001-Ongoing
3. Sickle cell parent support group-
Active participant, contributor, mentor at the Children's Cancer Center,. Participate in the monthly meetings of the parents, caretakers and other family members of sickle cell patients, advising and educating the patients and others regarding their condition. The parents have really appreciated the presence of a physician during their meetings where they are able to ask questions and address other issues in a non- threatening and relaxed environment.
2001- Ongoing
4. Great American teach-In.

Visiting elementary, middle and high school in the area students and educating the students on various topics over the years- what it takes to become a physician, what do Pediatricians do, what various specialties exist in medicine, why do we immunize, autism, learning disability.

2001- Ongoing

5. Mentoring/Observer-ship.

Giving High School, College and Premedical students and others interested in pursuing a career in Healthcare the opportunity to be an observer in the clinic and Hospital.

2001- Ongoing

6. Scouting for food:

Organizer, Troop 22 of Boy Scouts of America.

Coordinating the Boy and Cub Scout Troops to collect food for non-profit organizations in the community. Over 1300 lbs of food collected in one day in 2011.

2007- Ongoing

Kevin E. O'Brien, MD, FACP
Associate Professor, Division of General Internal Medicine
University of South Florida College of Medicine
12901 Bruce B. Downs Boulevard, MDC 80
Tampa, FL 33612 (813) 974-4275 / Fax (813) 974-6919
kobrien@health.usf.edu

Personal Data	Birth Date: February 27, 1967 Birth Place: Queens, New York Wife: Audrey Rothrock O'Brien, married 6/27/92 Children: Mackenzie (born 6/24/96) and Mitchell (born 2/24/98)
Education	University of Florida, 1989 Zoology B.S. University of Miami, 1993 M.D.
Honors	Undergraduate: Alpha Epsilon Delta (1986-89) Phi Beta Kappa (junior elect 1988) College of Arts and Sciences Academic Excellence (1989) Medical School: Recipient, United States Air Force Health Professions Scholarship, June 1989

Graduate Medical Education

Wilford Hall Medical Center, San Antonio, Texas
Internal Medicine Internship 7/93-6/94
Director: Col. George Crawford, MD, FACP

Wilford Hall Medical Center, San Antonio, Texas
Internal Medicine Residency 7/94-6/96
Director: Col. George Crawford, MD, FACP

Military	United States Air Force Medical Service Corps 6/89-5/93 Direct Commission 2nd Lt. 6/89 United States Air Force School of Aerospace Medicine 1990 Brooks AFB, San Antonio, Texas United States Air Force Medical Corps, Active Duty Captain 1993-1999 Major May 1999-Sep 2001, Medical Officer, Wilford Hall Medical Center United States Air Force Medical Service Corps, Inactive Reserve, 9/01-present
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Certification Diplomate of the National Board of Medical Examiners 7/1/94
Diplomate American Board of Internal Medicine 8/96-present,
expiration date 12/31/2017 (Recertified 2007)

Licensure State of Pennsylvania, 1996-2002, license # MD-059883-L
State of Florida, June 16, 2001-present, license # ME 82718,
expiration date 1/31/2014
DEA License Expiration – 12/31/2012

Professional Positions

9/94-6/96	Academic appointment of Teaching Fellow, Uniformed Services University of the Health Sciences, Department of Medicine, Bethesda, Maryland
6/96-6/97	Chief of Medical Residents, Wilford Hall Medical Center
7/96-9/01	Academic appointment of Assistant Professor of Medicine, Uniformed Services University of the Health Sciences, Department of Medicine, Bethesda, Md.
3/99-6/01	Associate Program Director, Internal Medicine Residency Program, Wilford Hall Medical Center
10/01-6/02	Academic Appointment of Assistant Professor of Medicine, Department of Medicine, University of Florida, Gainesville, Florida
7/02-6/07	Academic Appointment of Assistant Professor of Medicine. Department of Internal Medicine, University of South Florida, Tampa Florida
6/07-present	Academic Appointment of Associate Professor of Medicine. Department of Internal Medicine, University of South Florida, Tampa Florida
7/02-5/04	Associate Clerkship Director, Internal Medicine (BCC 6110), College of Medicine, University of South Florida, Tampa, Florida
5/04-5/05	Clerkship Director, Internal Medicine (BCC 6110), College of Medicine, University of South Florida, Tampa, Florida
1/05-present	Director, Medical Student Education, Department of Internal Medicine, University of South Florida, Tampa, Florida

6/05-present

Associate Clerkship Director, Inpatient Internal Medicine
Pediatrics Clerkship (BCC 7144)

6/05-6/06

Associate Clerkship Director, Primary Care Third Year Clerkship
(BCC 7184)

Teaching

Awards

Best Teaching Resident 1994-95
WHMC, San Antonio, Texas

Uniformed Services University of Health Sciences James J. Leonard
Award for Excellence in Teaching Internal Medicine 1997-98, Wilford
Hall Medical Center, San Antonio, Texas

Best Teaching Staff, 1998-1999
Wilford Hall Medical Center, San Antonio, Texas

2000 Society of Air Force Physicians' Archie Hoffman ACP Governor's
Award for Excellence in Academic Internal Medicine

1999-2000 Gold Headed Cane Finalist for Excellence in Academic
Medicine, Wilford Hall Medical Center, San Antonio, Texas

Best Teaching Staff 1999-2000
Wilford Hall Medical Center, San Antonio, Texas

2000-2001 Gold Headed Cane Finalist for Excellence in Academic
Medicine, Wilford Hall Medical Center, San Antonio, Texas

Best Teaching Staff 2000-2001
Wilford Hall Medical Center, San Antonio, Texas

Attending of the Year 2001-2002 for Outstanding Clinical
Teaching, University of Florida Internal Medicine Residency
Program, Gainesville, Florida

2003-2004 Leonard Tow Humanism in Medicine Award, presented
by the Arnold P. Gold Foundation, University of South Florida
College of Medicine

2003-2004 John T. Sinnott, M.D. Outstanding Clinical Teaching
Award, Chosen by the Class of 2004, University of South Florida
College of Medicine

2004-2005 John T. Sinnott, M.D. Outstanding Clinical Teaching Award, Chosen by the Class of 2005, University of South Florida College of Medicine

2004-2005 Outstanding Junior Clerkship Award, Internal Medicine, chosen by the 2005 graduating class at the University of South Florida College of Medicine.

2004-2005 Outstanding Resident Teaching Award (USF Medical Clinic), Department of Internal Medicine, University of South Florida

2005-2006 John T. Sinnott, M.D. Outstanding Clinical Teaching Award, Chosen by the Class of 2006, University of South Florida College of Medicine

2005-2006 Outstanding Junior Clerkship Award, Internal Medicine, chosen by the 2006 graduating class at the University of South Florida College of Medicine.

2005-2006 Outstanding Resident Teaching Award (USF Medical Clinic), Department of Internal Medicine, University of South Florida

2006-2007 John T. Sinnott, M.D. Outstanding Clinical Teaching Award, Chosen by the Class of 2007, University of South Florida College of Medicine

2006-2007 Sir William Osler Award chosen by the 2007 graduating class at the University of South Florida College of Medicine as the outstanding role model in clinical education.

2006-2007 Outstanding Resident Teaching Award (USF Medical Clinic), Department of Internal Medicine, University of South Florida

2007 Florida American College of Physicians Outstanding Teacher Award, for outstanding leadership and dedication to medical education.

2007-2008 John T. Sinnott, M.D. Outstanding Clinical Teaching Award, Chosen by the Class of 2008, University of South Florida College of Medicine

October 24, 2012

2008-2009 Outstanding Advisor Award chosen by the 2009 graduating class at the University of South Florida College of Medicine.

2008-2009 Outstanding Junior Clerkship Award, Integrated Internal Medicine – Pediatrics, chosen by the 2009 graduating class at the University of South Florida College of Medicine.

2009 Roy H. Benhnke Residents' Faculty Teaching Award. Department of Internal Medicine, University of South Florida

Elected to the Florida Gamma Chapter of the A.O.A. February 2010.

2009-2010 John T. Sinnott, M.D. Outstanding Clinical Teaching Award, Chosen by the Class of 2010, University of South Florida College of Medicine

2009-2010 Outstanding Junior Clerkship Award, Integrated Internal Medicine – Pediatrics, chosen by the 2010 graduating class at the University of South Florida College of Medicine.

2010-2011 John T. Sinnott, M.D. Outstanding Clinical Teaching Award, Chosen by the Class of 2011. University of South Florida College of Medicine

2011-2012 Outstanding Junior Clerkship Award, Integrated Internal Medicine – Pediatrics, chosen by the 2012 graduating class at the University of South Florida College of Medicine.

Medical Student Activities

Spring '02	Evidence-Based Medicine, small group instructor, University of Florida
Spring '02	Essentials of Patient Care II, small group instructor on physical diagnosis to 1 st year medical students, University of Florida
Spring '02	Essentials of Patient Care IV, small group instructor on physical diagnosis to 2 nd year medical students, University of Florida
Fall '01-Spring '02	Keeping Families Healthy, small group instructor. This a unique opportunity to expose students from the Colleges of Medicine, Pharmacy, and Nursing to the concepts of teamwork, preventive

October 24, 2012

	medicine, and community service based on interactions with a volunteer family over multiple home visits. University of Florida
7/02-5/05	BCC 6110 (Internal Medicine Clerkship), Ambulatory Lectures on Hypertension and Hyperlipidemia, 4 hours each clerkship group
8/02-10/04	Preceptor, MS IV Video Taped History and Physical Program Hour long review with 20-30 students each year
9/02-5/05	BCC 6110 (Internal Medicine Clerkship), ECG lecture series, 6 hours of didactic lectures each clerkship group. Recently designed a new ECG clinical competency examination for students emphasizing development of clinical skills in four essential areas (ECG changes in structural heart disease, dysrhythmia recognition, conduction abnormalities, and ST segment interpretation).
8/02-5/05	BCC 6110 (Internal Medicine Clerkship), Weekly section reviews in Cardiology and Nephrology, 2 hours each clerkship cycle. Have also assisted with Rheumatology, Hematology, Infectious Disease, and Endocrinology section reviews, 1-2 hours each clerkship cycle.
10/02-12/02	BMS 6832 (Clinical Problem Solving). Reviewed weekly cases and developed over 50 exam questions.
11/02-present	BMS 5015 (Clinical Diagnosis and Reasoning). ECG lecture series consisting of five didactic lectures with 1-2 question & answer / review session. Developed over 40 ECG questions.
4/03-4/05	BMS 6830 (Physical Diagnosis), small group instructor, cardiology for both 1 st and 2 nd year medical students
10/03-2/05	BMS 8334 (Evidence Based Medicine), small group instructor. Five small group sessions for a total of 7 hours. Reviewed student write-ups for each session and submitted a formal small group grade on the 8-12 members of my group.
6/04-5/05	Voting member, Academic Performance and Review Committee, USF, College of Medicine
6/04-5/05	Instructor, Patient Simulation – Harvey, Internal Medicine Clerkship
10/04-present	Elected as a member to the Barness/Behnke Chapter of the Gold Humanism Honor Society

October 24, 2012

11/04	BMS 6300 (Medical Microbiology) Sepsis and septic shock clinical correlation lecture.
2/05-present	BCC 8190 (Critical Care Clerkship) ECG Competency Curriculum. Reviewer for competency exams 1 and 2.
6/05-present	BCC 7144 (Medicine-Pediatrics Inpatient Clerkship) Quiz reviewer and internal medicine faculty for the combined integrated quiz review/ and PBL conference on nephrology and endocrinology.
6/05-present	BCC 7184 (Primary Care Clerkship) ECG competency curriculum and lecture series. I give 8 lectures to 40 students over the 16-week integrated ambulatory clerkship. Each student must take a competency exam on 12 standard ECG's at the completion of the lecture series. I also give lectures on valvular heart disease.
7/06-present	MEL 9940 (Honors Acting Internship in Internal Medicine). Course director for this 4-week elective experience. Developed the Blackboard website and curriculum for the rotation. Gave orientation and ran four 1-2 hour didactic discussions on clinical cases over the 4 week course. Each student was required to submit an abstract to a regional or national meeting or become more involved with the American College of Physicians.
6/07- present	BCC 6173 (Introduction to the Clerkships). I give the hour long lecture on Medical Student Abuse during the course. I use videotaped scenarios to educate the students on this subject. I provide them with information regarding where and whom to report this information should an event occur during their clinical rotations.
11/09-present	BMS 5015 (Clinical Diagnosis and Reasoning). Small group leader for acid-base clinical vignettes and sodium/water clinical vignettes.
2/11-present	BMS 6633 Cardiovascular and Pulmonary Systems. Gave an introductory lecture on the clinical ECG and a 2 nd lecture on cardiac auscultation using Harvey. Designed 8 questions for the block exam.

Research and Scholarly Activity

Grants	Bognar BA, O'Brien KE. Co-Principal Investigator, Area Health Education Council Grant for support of educational programs
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related to underserved populations, 2002-2003. \$40,000 award.
(competitive internal grant process)

O'Brien KE, Bognar BA. Principal Investigator, Area Health Education Council Grant for support of educational programs related to underserved populations, 2003-2004. \$35,000 award.
(competitive internal grant process)

O'Brien KE, Bognar BA. Principal Investigator, Area Health Education Council Grant for support of educational programs related to underserved populations, 2004-2005. \$40,000 award.
(competitive internal grant process)

Publications

Walls JG, Hong YG, Cox JE, McCabe KM, **O'Brien KE**, Allerton JP, Derdak S. Pulmonary Intravascular Lymphomatosis: A Presentation with Dyspnea and Air Trapping. *Chest* 1999;115:1207-1210.

More DR, **O'Brien KE**, Walter E. Utility of an HIV-1 RNA Assay in the Diagnosis of Acute Retroviral Syndrome. *Southern Medical Journal* 2000;93:1004-1006.

O'Brien KE, O'Connell RJ, O'Connell M. Screening for Colorectal Cancer (Letter to the Editor). *New England Journal of Medicine* 2000;343:1651-52.

O'Brien KE, O'Bryan CL, Saad R. Predictors of Outcome in Asymptomatic Stenosis (Letter to the Editor). *New England Journal of Medicine* 2001;344:227-28.

More DR, **O'Brien KE**, Shaw J. Arrhythmogenic Right Ventricular Dysplasia in the Elderly. *Pacing and Clinical Electrophysiology* 2002;25:1266-69.

Nugent JS, **O'Brien KE**, Harris M, Mohan C. Paget's Disease of Bone in an Indian Patient: Genetic and Environmental Factors. *Journal of Clinical Rheumatology* 2002;8:212-216

O'Brien KE, Gopal V, Mazzaferri EL. Pemberton's Sign Associated with a Large, Multinodular Goiter. *Thyroid* 2003;13:407-408.

O'Brien KE, Chandramohan V, Nelson DA, Fischer JR, Stevens G, Poremba JA. The Effect of an Educational Campaign on the

Performance of Proper Diabetic Foot Exams in an Outpatient Setting. *Journal of General Internal Medicine* 2003;18: 258-265.

Feinstein FA, **O'Brien KE**. Acute Metabolic Decompensation in an Adult Patient with Isovaleric Acidemia. *Southern Medical Journal* 2003;96:500-503.

O'Brien KE, Sweeney BF, Conger N, Fischer JR, Lang KA. Prevalence of Proximal Adenomas after an Adenoma is Found on Flexible Sigmoidoscopy. *Cancer Detection and Prevention* 2003; 27:259-265.

O'Brien KE, Pastis N, Conti JB. Diffuse T-wave Inversions Associated with Electroconvulsive Therapy. *American Journal of Cardiology* 2004;93:1573-74.

Koon A, Bagg A, Vey C, **O'Brien KE**. Acute Bacterial Parotiditis. *Consultant* 2006;26:1405-1406.

Ogden P, Wu E, Elnicki DM, Battisone M, Cleary, L, Fagan M, Friedman E, Gliatto, P, Harrell H, Jennings M, Ledford C, Mechaber A, Mintz M, **O'Brien KE**, Thomas M, Wong, R (PAMS Investigators). Do Attending Physicians, Nurses, Residents, and Medical Students Agree on What Constitutes Medical Student Abuse? *Academic Medicine* 2005;80:S80-S83.

O'Brien KE, Crespo LM, Wallach PM, Elnicki DM. 2002 CDIM Basic Science Survey: Clinical Input in the Preclinical Years. *Teaching and Learning in Medicine* 2006;18(2):105-109.

Breglia M, Koon A, **O'Brien KE**, Padmanabhan A. An Unusual Cause of Symptomatic Anemia. *Accepted to Resident and Staff Physician*, 9/7/06.

Mazzarolo S, Lezama J, **O'Brien KE**. Mesenteric Venous Thrombosis. *Consultant* 2007;47:1018-20.

Ogden P, Wu E, Elnicki DM, Battisone M, Cleary, L, Fagan M, Friedman E, Gliatto, P, Harrell H, Jennings M, Ledford C, Mechaber A, Mintz M, **O'Brien KE**, Thomas M, Wong, R (PAMS Investigators). Medical Student Abuse from Multiple Perspectives. *Clinical Teacher* 2007;4:153-58.

O'Brien KE, Cannarozzi ML, Torre DM, Mechaber AJ, Durning SJ. Training and Assessment of CXR/Basic Radiology

Interpretation Skills: Results from the 2005 CDIM Survey, *Teaching and Learning in Medicine* 2008;20:157-162.

O'Brien KE, Cannarozzi ML, Torre DM, Mechaber AJ, Durning SJ. Training and Assessment of ECG Interpretation Skills: Results from the 2005 CDIM Survey. *Teaching and Learning in Medicine* 2009;21:111-115.

Durning, SJ, Dyrbye LN, Mechaber AJ, Thomas MR, Fischer M, **O'Brien KE**, Baker EA, Battisone MJ, Mintz M, Torre DM, Hoellein AR, Journal Watch from ACE (Alliance for Clinical Educators): Annual Review of Medical Education Articles in Internal Medicine Journals 2006-2007. *Teaching and Learning in Medicine* 2009;21:72-75.

Alper E, Rosenberg EI, **O'Brien KE**, Fischer M, Durning SJ. Patient Safety Education at US and Canadian Medical Schools: Results from the 2006 CDIM Survey. *Acad Med* 2009;84:1672-76.

Mintz, M, Narvarte HJ, **O'Brien KE**, Papp K, Thomas MR, Durning SJ. Use of Electronic Medical Records by Physicians and Students in Academic Internal Medicine Settings. *Acad Med* 2009;84:1698-1704.

Torre, DM, Hoellein AR, **O'Brien KE**, Chheda SG, Dyrbye LN, Baker EA, Mechaber AJ, Fischer MA, Thomas MR, Durning SJ. Journal Watch from ACE (Alliance for Clinical Educators): Annual Review of Medical Education Articles in Internal Medicine Journals 2007-2008. *Teaching and Learning in Medicine* 2010;22:74-77.

Dyrbye LN, Hoellein AR, Baker EA, Mechaber AJ, **O'Brien KE**, Thomas MR, Alexandraki I, Chretien KC, Shaheen A, Engle K, Palacio C, Torre DM, Chheda SG, Pokala S. Journal Watch From ACE (Alliance for Clinical Education): Annual Review of Medical Education Articles in Internal Medicine Journals, 2008–2009. *Teaching and Learning in Medicine* 2010;22:233-36.

Book Chapters/Online Resources

Technology in Clerkship Education chapter within the 2005

Alliance for Clinical Education Guidebook for Clerkship Directors, 3rd edition. Co-lead with Bryan Bognar (USF) and Richard Usatine (UTHSCSA).

O'Brien, KE., Department of Internal Medicine, University of South Florida College of Medicine (2008). 49-year-old woman with confusion – Mrs. Baxter. In **SIMPLE: Simulated Internal Medicine Patient Learning Experience** [Internet]. Eds. Berman and Fall, Institute for Innovative Technology in Medical Education, Lebanon, NH. <http://www.simplecases.org>.

Published abstracts

Sweeney BF, Lang KA, **O'Brien KE**. Incidence of Advanced Proximal Neoplasia in Patients with Adenomas Found on Screening Flexible Sigmoidoscopy (Abstract). *Gastrointestinal Endoscopy* 1999; 49:AB 69.

Sweeney BF, Lang KA, **O'Brien, KE**. Incidence of Proximal Neoplasia Patients with Adenomas Found on Flexible Sigmoidoscopy Based on Age (Abstract). *American Journal of Gastroenterology* 1999;94:2688.

Arturi, L, Sweeney BF, Conger NG, Lang KA, **O'Brien KE**. Distribution of Advanced and Non-Advanced Adenomatous Neoplasia in Average Risk Patients with a Hemocult Positive Stool Compared to Patients with an Abnormal Flexible Sigmoidoscopy (Abstract). *Gastrointestinal Endoscopy* 2000;51:AB152.

Kobes PJ, **O'Brien KE**, Sweeney BF, Conger NG, Lang KA. Prevalence of Villous Histology or High-Grade Dysplasia in Different Size Polyps Found on Screening Colonoscopies (Abstract). *Gastrointestinal Endoscopy* 2000;51:AB232.

Kobes PJ, Sweeney BF, **O'Brien KE**, Lang KA. Prevalence of Villous Histology or High Grade Dysplasia in Different Size Polyps Found on Screening Colonoscopies (Abstract). *American Journal of Gastroenterology* 2000;95:2539.

Ambasht SK, Sweeney BF, Lang KA, Conger NG, **O'Brien KE**. Comparison of Flexible Sigmoidoscopy (FS) in a System with Primary Care Providers Performing FS vs. Gastroenterologists Performing FS (Abstract). *American Journal of Gastroenterology* 2000;95:2526.

Abstracts

O'Brien KE. Pheochromocytoma: Using Caution When Employing New Diagnostic Strategies. A Case Report. 1995 South Texas Regional American College of Physicians Meeting. (*Finalist, Clinical Vignette, Poster Category*).

O'Brien KE, Young G. Primary Chronic Mesenteric Venous Thrombosis: A Case Report. Presented at the 1996 ACP Annual Session (*Finalist, Clinical Vignette, Poster Category*), 1996 Society of Air Force Physicians ACP Meeting, and 1996 South Texas Regional ACP Meeting.

Suthun, PA, **O'Brien KE**, Kruger R. Giant Cell Arteritis with a Normal ESR: A Case Report. Presented at the 1998 Society of Air Force Physicians ACP Meeting.

Glanton C, **O'Brien KE.** Hereditary Hyperparathyroidism and Multiple Ossifying Jaw Fibromas: A Case Report. Presented at the 1999 South Texas ACP Meeting and the 2000 Society of Air Force Physicians ACP Meeting.

Helmrick, KJ, **O'Brien KE**, Jeffries M. Muir-Torre: A Familial Colon Cancer Syndrome. Presented at the 2000 Society of Air Force Physicians ACP Meeting and 2000 South Texas Regional ACP Meeting.

Nugent JS, **O'Brien KE**, Narayani R. Reversible Hepatic Dysfunction Associated with Nonmetastatic Renal Cell Carcinoma (Stauffer's Syndrome): A Case Report. Presented at the 2000 Society of Air Force Physicians ACP Meeting.

More, DR, **O'Brien KE**, Walter E. False-Positive RT-PCR in the Evaluation of Suspected Acute Retroviral Syndrome. Presented at the 2000 Society of Air Force Physicians ACP Meeting and 2000 South Texas Regional ACP Meeting.

Rasnake M, **O'Brien KE.** Churg-Strauss Syndrome Complicated by Loeffler's Endocarditis: A Case Report. Presented at the 2000 Society of Air Force Physicians ACP Meeting and the 2000 South Texas Regional ACP Meeting.

Broderick W, **O'Brien KE**, Lang KA. Recurrent Left-Sided Pleural Effusions due to Pancreaticopleural Fistula: A Case Report and Review of the Literature. Presented at the 2000 Society of Air Force Physicians ACP Meeting.

Kohler G, Conger NG, Sartori C, **O'Brien KE**. A Severe Presentation of Mycosis Fungoides and the Sezary Syndrome. Presented at the 2000 Society of Air Force Physicians ACP Meeting.

Chaney J, Helmrick KJ, **O'Brien KE**. Computer-Based Narrative Summaries for Internal Medicine Patients. Presented at the 2000 Society of Air Force Physicians ACP Meeting.

Sweeney BF, Conger NG, **O'Brien KE**, Lang KA. Distribution of Advanced and Nonadvanced Adenomatous Neoplasia in Average Risk Patients with a Hemocult Positive Stool Compared to Patients with an Adenoma on Flexible Sigmoidoscopy. Presented at the 2001 Society of Air Force Physicians ACP Meeting.

Kobes PJ, Sweeney BF, **O'Brien KE**, Lang KA. Prevalence of Villous Histology or High-Grade Dysplasia in Different Size Polyps Found on Screening Colonoscopies. Presented at the 2001 Society of Air Force Physicians ACP Meeting. (*Jay P. Sanford Fellows' Research Competition Finalist*).

Feinstein JA, **O'Brien KE**. Eosinophilic Cellulitis-Wells Syndrome: A Case Report. Presented at the 2001 Society of Air Force Physicians ACP Meeting and 2001 South Texas Regional ACP Meeting.

More DR, **O'Brien KE**. Arrhythmogenic Right Ventricular Dysplasia in the Elderly: A Case Series. Presented at the 2001 Society of Air Force Physicians ACP Meeting and 2001 South Texas Regional ACP Meeting. (*1st place clinical vignette, poster category 2001 STACP*)

Carnahan DH, **O'Brien KE**, Garrett CR, Anthony TA, Mehendru S, Jacobson DR. An African American Family with Transthyretin Isoleucine 122 Variant Cardiac Amyloidosis. Presented at the 2001 Society of Air Force Physicians and South Texas Regional ACP Meetings. (*2nd place clinical vignette – poster category, 2001 STACP*). Data on this family was also presented at the *IX International Amyloid Symposium* in Budapest July 2001 by Dr. Daniel Jacobson. Also presented as podium finalist at the 2002 ACP Annual Session in Philadelphia.

Broderick W, **O'Brien KE**, Harris MD. Remitting Seronegative Symmetrical Synovitis with Pitting Edema Syndrome or Point on a Spectrum? A Case and review of the Literature. Presented at the

2001 Society of Air Force Physicians and South Texas Regional ACP Meetings.

Feinstein JA, **O'Brien KE**. The Acute Presentation of Isovaleric Acidemia in an Eighteen Year Old Airman Basic. Presented at the 2001 Society of Air Force Physicians Meeting and the 2001 ACP Annual Session in Atlanta. (*Clinical Vignette, Poster Finalist*).

Firestone L, **O'Brien KE**. Neuropsychiatric Toxicity of "Thermogenic" Diet Pills. Presented at the 2001 Society of Air Force Physicians and South Texas Regional ACP Meetings.

Tong W, Colligan M, **O'Brien KE**. Presyncope - Is It Really "Pre" Syncope? Presented at the 2001 Society of Air Force Physicians Meeting. (*Grollman Research Competition Finalist*) and. at the 2001 South Texas Regional ACP Meeting.

Perrino, M, Baruch D, **O'Brien KE**. A Randomized, Single-Blind Comparison of Two Bowel Preparations for Screening Flexible Sigmoidoscopy. Presented at the 2001 South Texas Regional ACP Meeting (*podium finalist, research competition*).

Lopez J, **O'Brien KE**. Aspirin and Nonsteroidal Anti-Inflammatory Agents and the Risk of Colorectal Carcinoma in Patients with Colorectal Polyps Found on Screening Flexible Sigmoidoscopy. Presented at the 2001 Society of Air Force Physicians and South Texas Regional ACP Meeting.

Sandall C, **O'Brien KE**, Harris S, Watkins K. Minimally Invasive Radioguided Parathyroidectomy: The Wilford Hall Experience. Presented at the 2001 Society of Air Force Physicians Meeting. (*Grollman Research Competition Finalist*). Also presented at the 2001 South Texas Regional ACP Meeting.

Nugent JS, **O'Brien KE**, Mohan C. Monostotic Paget's Disease of the bone in an Indian Male: A Case Report. Presented at the 2001 Society of Air Force Physicians Meeting.

Hernandez C, **O'Brien KE**, Obal M. Rhabdomyolysis in a Renal Transplant Patient on Statin Therapy: A Case of Adverse Drug Interactions. Clinical vignette poster presentation at the 2002 National Association of Inpatient Physicians' (NAIP) Meeting in Philadelphia.

Wallach PM, **O'Brien KE**, Crespo LM, Elnicki DM. 2002 CDIM Basic Science Survey: Clinical Input in the Preclinical Years.

Poster presentation at the 2003 CDIM Meeting, Savannah, Georgia.

Rao S (MS IV), Lezama J, **O'Brien KE**. Acute Mesenteric Thrombosis. Presented at the 2004 ACP Annual Session, Medical Student Clinical Vignette Poster Competition, New Orleans.

O'Brien KE, Bognar BA. An ECG Competency Curriculum for Third Year Medical Students: The USF Experience. Presented at the 2004 AAIM/CDIM National Meeting in Nashville, Tennessee.

Phung CT (MS IV), Flannery MT, **O'Brien KE**. A Second Look at the First Impression: Carcinoma Erysipeloides as an Initial Presentation of Lung Adenocarcinoma. Presented at the Medical Student Clinical Vignette Poster Competition. 2005 ACP Annual Session, San Francisco.

Mohanty AK, Lezama J, **O'Brien KE**, Brady PG. Limb Gangrene Secondary to an Entero-arterial Fistula Formation from an Ingested Toothpick. Presented at the 2005 Florida ACP Associates' Meeting, Tampa, Florida.

Cannarozzi ML, **O'Brien KE**, Wallach PM, Crespo LM, Elnicki DM. Clerkship Directors' Opinion Regarding Preparation for Basic Clinical Skills during Years 1 and 2: Results of the 2002 CDIM Basic Science Survey. Presented at the 2005 SGIM National Meeting, New Orleans.

Do Attending Physicians, Nurses, Residents, and Medical Students Agree on What Constitutes Medical Student Abuse? Ogden P, Wu E, Elnicki DM, Battisone M, Cleary, L, Fagan M, Friedman E, Gliatto, P, Harrell H, Jennings M, Ledford C, Mechaber A, Mintz M, **O'Brien KE**, Thomas M, Wong, R (PAMS Investigators). Accepted to the 2005 SGIM National Meeting, New Orleans. Presented at the AAMC RiME Conference for 2005 and published in *Academic Medicine*.

The Clinical Skills Curriculum: A Web-Based Learning Module to Enhance Students' Skills in Interpretation of Basic Diagnostic Studies. Cannarozzi M, Bognar BA, **O'Brien KE**. Accepted to the 2005 CDIM National Meeting in Portland, Oregon (did not attend due to Hurricane Wilma), additional data presented at the 2006 SGIM national Meeting, Los Angeles.

Training and Assessment of CXR/Basic Radiology Interpretation Skills: Results from the 2005 CDIM Survey. Cannarozzi ML¹, **O'Brien KE**¹, Papp KK², Durning SJ³. University of South Florida College of Medicine, Tampa, FL¹, Case Western Reserve University, Cleveland OH², and Uniformed Services University, Bethesda, MD³. Presented at the 2006 Association of Medical Educators in Europe Meeting in Genoa, Italy and the 2006 CDIM National Meeting in New Orleans 10/06.

Training and Assessment of ECG Interpretation Skills: Results from the 2005 CDIM Survey. **O'Brien KE**¹, Papp KK², Durning SJ³. University of South Florida College of Medicine, Tampa, FL¹, Case Western Reserve University, Cleveland OH², and Uniformed Services University, Bethesda, MD³. Presented at the 2006 CDIM National Meeting in New Orleans and selected as a finalist for the best research poster.

Achille F (MS IV), Castleberry L (MS IV), **O'Brien KE**, Keefe D. University of South Florida College of Medicine, Tampa, Florida. Off the Beaten Path: An Interesting Cause of Hirsutism, Hyperandrogenism and PCOS. Presented at the 2007 ACP National Meeting for Medical Student Poster Competition.

Condarco T (MS IV), Montero J, **O'Brien KE**. University of South Florida College of Medicine, Tampa, Florida. Atypical Pneumonia in Kidney Transplant Patient. Presented at the 2007 ACP National Meeting for Medical Student Poster Competition.

Cassidy L (MS IV), Albrink M, **O'Brien KE**. University of South Florida College of Medicine, Tampa, Florida. Serendipity or simply just good surgical technique: An Usual Presentation of the Fibrolamellar Variant of Hepatocellular Carcinoma. A Case Report. Presented at the 2007 ACP National Meeting for Medical Student Poster Competition.

Keshishian J, Pezzo SP, **O'Brien KE**. University of South Florida College of Medicine, Tampa, Florida. An unusual case of dermatomyositis associated with a second malignancy. Poster presentation at the 2007 Florida ACP Annual Meeting 9/07.

Guerrero W, Flannery M, **O'Brien KE**. University of South Florida College of Medicine, Tampa, Florida. Your Analysis is Needed to Uncover the Primary: A Case of Metastatic Bone Lesions. Poster presentation at the 2008 Florida ACP Associates' Meeting 3/08.

Patel H, Greene J, **O'Brien KE**. University of South Florida College of Medicine. An Unusual Cutaneous Abscess in the Right Upper Quadrant – Why a Good History is Critical. Poster presentation at the 2008 Florida ACP Associates' Meeting 3/08.

Byron E, Denietolis A, **O'Brien KE**. University of South Florida College of Medicine, Tampa, FL Not All Decubiti are Created Equal. Poster presentation at the 2008 Florida ACP Associates' Meeting 3/08.

Schneider Z, Koon A, **O'Brien KE**. Seeing the Forest Instead of the Trees: Linking Competing Diagnoses to Uncover the True Underlying Condition. Presented at the 2009 ACP National Meeting, Finalist Clinical Vignettes Competition.

Rehg K, Armada S, Lezama J, **O'Brien KE**. Sometimes You Have to Ignore the Obvious: Uncovering the Source of Actinomyces Bacteremia. Selected as one of five Clinical Vignette abstracts selected as winners in the 2009 ACP National Medical Students Competition.

Kalan S, Mateja C, O'Brien KE. Diagnosing Myocardial Infarction in Patients with Sickle Cell Disease Presenting with Sickle Cell Crisis. Poster presentation at the 2011 Florida ACP Associates' Meeting, Orlando, Florida.

Reiss A, Kushin S, Park H, Schocken D, O'Brien KE. Assessment of a Patient Safety Curriculum in 3rd Year Medical Students – A Pilot Study. Poster presentation at the 2012 International Forum on Quality and Safety in Healthcare, Paris, France.

Presentations

An Update on Hyperlipdemia, USF Department of Internal Medicine Grand Rounds, May 27, 2004

Key Note Address 2004 USF COM White Coat Ceremony
The Meaning of the White Coat, August 27, 2004

Medical Student Abuse, USF Department of Internal Medicine Grand Rounds, September 29, 2011

Protocols

Multi-institutional Medical Student Abuse Project under the direction of Dr. Michael Elnicki from the University of Pittsburgh. Rationale behind the project is to have medical students, residents in training, nurses, and attending physicians view standardized

videotaped scenarios and complete a survey regarding their perceptions about what is and what is not student abuse. Project began August 2004 and presented at the 2005 AAMC RiME conference.

Developing an ECG Curriculum for Medical Students: The USF Experience. **O'Brien KE**, Bogner BA. Accepted to the 2005 CDIM National Meeting, Portland, Oregon (did not attend due to Hurricane Wilma).

Service

1997-6/01	Director, Ambulatory Care Rotation, Internal Medicine Residency Program, Department of Medicine, Wilford Hall Medical Center
1997-6/01	Endoscopy Attending and Sigmoidoscopy Clinic Coordinator, Internal Medicine Residency Program, Wilford Hall Medical Center
7/97-3/98	Medical Finance Coordinator and member of the Organizing Committee for the 1998 Regional Meeting of the Air Force Chapter the ACP
1998-1999	Endoscopy Quality Assurance Committee member, Wilford Hall Medical Center
1999-2000	Deep Venous Thrombosis Prophylaxis Committee member, Wilford Hall Medical Center
7/99-3/00	Medical Finance Coordinator and member of the Organizing Committee for the 2000 Regional Meeting of the Air Force Chapter the ACP
7/99-5/01	CME coordinator for the Department of Medicine Grand Rounds, Wilford Hall Medical Center
3/99-9/01	Medical Education Committee for Residency Training, member Wilford Hall Medical Center
5/00-5/01	Member of the Organizing Committee for the 2001 South Texas ACP Meeting

October 24, 2012

1/01-9/01	Member of the Organizing Committee for the 2000 Regional Meeting of the Air Force Chapter the ACP
10/01-6/02	Residency Review Committee Working Group for the Internal Medicine Residency Program, University of Florida
11/01-6/02	Housestaff Evaluation Committee, University of Florida
1/02-6/02	Appointed, Director of Medical Education, Internal Medicine Residency Program, University of Florida
2/02-6/02	Member of Committee on Medical Education for the University of Florida College of Medicine
7/02-present	Reviewer, <i>Journal of General Internal Medicine</i>
4/03-6/03	Member, Curriculum Content Committee. University of South Florida College of Medicine. This committee, chaired by Dr. Daniel Van Durme, reviewed in detail BMS 6100 (Anatomy) and BMS 6500 (Physiology) courses given during the first year. Note service, textbooks, blackboard, departmental examinations, and NBME examinations were reviewed. Formal recommendations given to the COM Curriculum Committee in June 2003.
5/03-10/03	Member, Evidence Based Medicine Planning Committee. Met with and provided recommendations to the course director, Dr. Daniel Van Durme, regarding content, structure, and assessment techniques for the newly designed 27-week course BMS 8334 (EBM) introduced in 2003 in the 2 nd year curriculum.
6/03-2/04	Member, Medical Objectives Task Force. This college-wide committee was selected by the Dean's office and tasked to revise the College of Medicine's goals and objectives for graduates in preparation for the upcoming LCME site visit in 2007. During this revision process, quantifiable goals and objectives to better assess graduates from our institution were developed.
9/03-present	Elected as a Representative from Region B to the Governors' Advisory Council, Florida Chapter of the ACP. Re-elected for a 2 nd three-year term in 2006.
1/04-4/04	PACE Planning Committee, clerkship directors group
6/04-5/05	PACE Planning Committee, Primary Care Clerkship PACE Planning Committee, Inpatient Med-Peds Clerkship PACE Implementation Committee, March 2005

2005-present	Member, Internal Medicine Housestaff Evaluation Committee, University of South Florida
5/06	Selected to Steering Committee for the Scholarly Concentration in Medical Education for the USF COM. This exciting program in development will allow medical students to obtain an additional distinction in the area of medical education prior to graduation.
11/06-present	Research Committee member for the Clerkship Directors in Internal Medicine (CDIM)
11/06-present	Reviewer, <i>Teaching and Learning in Medicine</i> . 2 articles reviewed 2006-2007 academic year.
8/07-present	Key Clinical Faculty, Internal Medicine Residency Program, University of South Florida
2009-present	Committee Member, Educational Value Units Committee. Meetings held biweekly-monthly to determine effort associated with education in the UME, GME, and graduate education settings.

Memberships

American College of Physicians, Associate 1993-1999
 ACP Member, 7/99-1/02
 ACP Fellow, 1/02-present
 Society of Air Force Physicians, 1993-present
 Association of Program Directors in Internal Medicine, 3/99-6/02
 Society of General Internal Medicine, 8/02-present
 Clerkship Directors in Internal Medicine, 8/02-present
 Who's Who in Medical Sciences Education, elected 12/2004
 Best Doctors in America, elected 2005, named every year since
 Elected to the Gold Humanism in Medicine Honor Society 10/04
 Florida Super Doctors, elected 2008
 Cambridge Who's Who Registry, elected 2009
 Angie's List Honor Roll, elected 4/29/09
 Selected International Association of Internists, October 30, 2009 – will be spotlighted in the 2010 Leading Physicians of the World publication.
 Florida's Most Recommended Physicians – as Chosen by Their Peers, elected 4/5/11

Janelle Donahue Pegg, M.D.

2624 West Prospect Road
Tampa, FL 33629
(772) 766-3175
jpegg@health.usf.edu

Employment

July 2011 to present Assistant Professor
University of South Florida Morsani College of Medicine

Practice in the outpatient clinic setting as a family medicine physician for the University of South Florida Physicians Group. Participate as an executive health physician in the Monsour Executive Wellness Program. Serve as a teaching attending in the outpatient setting for the senior medical students. Teach the Doctoring One SELECT course. Serve as the co-clerkship director for the third year Primary Care and Special Populations clerkship. Present lectures to the third year medical students on the Primary Care Clerkship.

July 2009 to May 2011 Indian River Primary Care
Vero Beach, Florida

Provided general medical care to patients ages 11 and up in an outpatient clinic setting. Maintained privileges at both Indian River Medical Center and Healthsouth Rehabilitation Hospital, serving as a consulting physician to provide general medical management.

Residency

August 2006 to July 2009 Family Medicine
University of South Florida/Morton Plant Mease Healthcare
Clearwater, Florida

Medical Education

August 2002 to May 2006 University of South Florida College of Medicine
Tampa, Florida
Degree: MD

Undergraduate Education

August 1996 to April 2001 Florida State University
Tallahassee, Florida
Degree: Bachelor of Science in Exercise Science
Graduated Summa Cum Laude

Professional Memberships

American Academy of Family Physicians
Florida Academy of Family Physicians

Licensure/Certifications

Diplomate American Board of Family Medicine, December 2009
State of Florida, January 2010
DEA, August 2008

Honors and Activities

July 2012 to present

Serve on the Academic Performance Review Committee
University of South Florida Morsani College of Medicine

January 2010 to May 2011

Clinical Assistant Professor
Florida State University College of Medicine, Fort Pierce campus
Served as an attending physician for third year medical students on the longitudinal medicine rotation.

April 2006

Academic Excellence Award
University of South Florida College of Medicine

October 2005

Elected into the Arnold P. Gold Humanism in Medicine Honor Society

CHARLES V. PREUSS, Ph.D., R.Ph.

Work Address

Department of Molecular Pharmacology & Physiology
Morsani College of Medicine
University of South Florida
12901 Bruce B. Downs Blvd.
Tampa, FL 33612
813.974.7187
cpreuss@health.usf.edu

EDUCATION

- | | |
|-------------|--|
| 1996 – 1997 | Research Fellow in Pharmacology
Mayo Graduate School of Medicine
Mayo Clinic
Rochester, MN |
| 1991 – 1995 | Doctor of Philosophy
Pharmaceutical Sciences
Specialization in Pharmacology
Minor in Chemistry
College of Pharmacy, Wayne State University
Detroit, MI |
| 1988 – 1991 | Bachelor of Science <i>cum laude</i>
Pharmacy
College of Pharmacy, Wayne State University
Detroit, MI |

PROFESSIONAL EXPERIENCE

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| 2012 – Present | Associate Professor , Pharmacology Educator
Department of Molecular Pharmacology & Physiology
College of Medicine
Department of Pharmaceutical Sciences, Joint Appointment
College of Pharmacy
University of South Florida
Tampa, Florida |
| 2008 – 2012 | Assistant Professor

Lectured M.D., D.P.T., M.S., Ph.D. and Pharm.D. students in
Medical Sciences 6, Pharmacology for Healthcare Professional,
Basic Medical Pharmacology, Neuropharmacology, and Drug |

Delivery Systems II respectively; course director for Medical Sciences 6 and Basic Medical Pharmacology; member of the Academic Performance Review Committee, the Curriculum Committee and the Education Committee

Teaching

Course Director

2012 – Present	GMS 6505 Basic Medical Pharmacology
2011 – Present	BMS 6042 Medical Sciences 6 (Co-Course Director) Course Director, 2011
2010 – 2011	GMS 7930: Selected Topics in Pharmacology
2009 – 2011	BMS 6400: Medical Pharmacology

Course Co-Instructor

2012 – Present	PHA 6115C Drug Delivery Systems II
2012 – Present	GMS 7930 Pharmacology (Assistant Course Director)
2012 – Present	BMS 6043 Medical Sciences 7 Assistant Course Director, 2012
2011 – Present	BMS 6041 Medical Sciences 5 Assistant Course Director, 2011
2010 – Present	GMS 6735: Neuropharmacology
2009 – 2010	GMS 6513: Principles in Pharmacology & Therapeutics
2009	GMS 6511: Current Literature in Pharmacology
2009 – Present	GMS 6461: Systems Physiology & Pharmacology
2009 – Present	GMS 7930: Medical Science Learning skills
2008 – 2009	BMS 6400: Medical Pharmacology (Co-Course Director)
2008 – Present	PHT 6352: Pharmacology for Healthcare Professionals
2008 – 2011	BMS 6832: Clinical Problem Solving

Service

2012 – Present	Education Committee
2011 – Present	Pharmacology Proficiency Monitor
2010 – Present	Curriculum Committee Course Review Subcommittee
2010 – 2012	Year 3/4 Curriculum Taskforce
2010 – Present	Academic advisor for four M.D. students
2009 – 2011	Association of American Medical College's Faculty Forward Task Force
2009 – 2010	College of Pharmacy Accreditation & Steering Committee
2008 – Present	Academic Performance Review Committee
2008 – Present	Preclerkship Course Directors Meetings
2007 – 2008	Associate Professor Department of Pharmaceutical Sciences College of Pharmacy Sullivan University Louisville, KY Syllabus preparation for the Pharmacology/Medicinal Chemistry courses and Anatomy/Physiology; accreditation preparation for a new college of pharmacy; served on college committees; chaired the Academic Progressions and Ethics committee

Teaching***Course Preparation***

2008	PBS 534, 535, 613, 622: Pharmacology/Medicinal Chemistry I-IV PBS 504: Anatomy/Physiology
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Service***Committee Assignments***

2007 – 2008	Ad Hoc Advances in Nanotechnology and Application Conference Committee
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2007 – 2008	Academic Progression and Ethics Committee (Chair)
2007 – 2008	Program Assessment Committee
2007 – 2008	Research Committee
2007	Curriculum Committee
2007 – 2008	Admissions and Student Affairs Committee
2007 – 2008	Accreditation Committee
2007 – 2008	Promotion Review Committee
2007 – 2008	Experiential Education Committee
2007 – 2008	Innovation and Technology Advancement Committee
2007	Ad Hoc Faculty By-Laws Committee

2002 – 2007

Assistant Professor

Lloyd L. Gregory School of Pharmacy
Palm Beach Atlantic University
West Palm Beach, FL

Lectured Pharm.D. students in Pharmacodynamics I, II, III, IV, Neuropharmacology, Anatomy & Physiology, Pharmaceutics I and Herbal Products; coordinated Pharmacodynamics I, II, III, Neuropharmacology, and Herbal Products; advised 18 Pharm.D. students; mentored students in a professional pharmacy fraternity

Teaching*Course Coordinator*

2006	PHA 1143: Pharmacodynamics I
2006 – 2007	PHA 1243: Pharmacodynamics II
2006	PHA 3516: Herbal Products
2005 – 2006	PHA 3512: Neuropharmacology
2002 – 2006	PHA 2143: Pharmacodynamics III
2002 – 2003	PHA 1151: Anatomy and Physiology

Course Co-Instructor

2005	PHA 1151: Anatomy and Physiology
2005 – 2006	PHA 1243: Pharmacodynamics II
2004 – 2005	PHA 1132: Pharmaceutics I
2002 – 2007	PHA 2243: Pharmacodynamics IV

Service*Committee Assignments*

2005 – 2007	Faculty Development Committee
2005 – 2007	Assessment Committee
2003 – 2007	Academic Progress Committee
2002 – 2005	End-of-Year Two Assessment Exam Committee
2002 – 2003	Curriculum Committee

Task Force Assignments

2004 – 2007	Class Schedule Task Force
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2002 – 2002	Staff Pharmacist Central Michigan Community Hospital Mount Pleasant, MI
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Processed physician orders; prepared intravenous solutions; checked unit dose carts; checked crash carts for the surgical department; answered patient, physician and nurse drug information questions

2001 – 2001	Staff Pharmacist Sparrow Hospital Lansing, MI
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Processed physician orders; prepared intravenous solutions; checked unit dose carts; made IV to PO antimicrobial drug changes; adjusted drug doses based on creatinine clearance; answered patient, physician and nurse drug information questions

1998 – 2001

Assistant Professor

Department of Basic Pharmaceutical Sciences
College of Pharmacy
Ferris State University
Big Rapids, MI

Lectured B.S. Pharmacy students in Pharmacology 1 and 2, Pharmacology Computer Lab, Selected Topics in Pharmacology and Chemotherapeutics; coordinated Pharmacology 2 and Selected Topics in Pharmacology; mentored students in a professional pharmacy fraternity; advised 30 B.S. pharmacy students; and served as Class of 2001 Advisor

Teaching***Course Coordinator***

1998 – 2001

PHCL 462: Selected Topics in Pharmacology

1998 – 2001

PHCL 422: Pharmacology 2***Course Co-Instructor***

1998 – 2001

PHCL 422: Pharmacology 2

2001

PHCH 430 Chemotherapeutics

1998 – 2001

PHCL 421: Pharmacology 1

1998 – 2000

PHCL 420: Pharmacology Computer Lab**Service*****Committee Assignments***

2000 – 2001

Ferris Faculty Association (Executive Board)

2000 – 2001

Ad Hoc Progression Committee

2000 – 2001

Awards Committee

1999 – 2001

Library/Faculty Resources Committee

1999 – 2001

Institutional Animal Care and Use Committee

1999 – 2001	Continuing Education Committee
1998 – 2001	Ad Hoc Non-Traditional Pharm.D. Committee
1998 – 2001	Safety Committee
1997 – 1998	Assistant Professor Department of Pharmaceutical Sciences College of Pharmacy South Dakota State University Brookings, SD Lectured Pharm.D. students in Drug Distribution Systems, Pharmaceutics 2, Biopharmaceutics & Pharmacokinetics; conducted research and wrote grants.

Teaching*Course Co-Instructor*

1998	PHA 450: Drug Distribution Systems
1998	PHA 332: Pharmaceutics 2
1997	PHA 415: Biopharmaceutics and Pharmacokinetics

Course Lab Co-Instructor

1998	PHA 450: Drug Distribution Systems
1998	PHA 332: Pharmaceutics 2

Licensure

1991 – Present	Pharmacist: Michigan
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PROFESSIONAL ACTIVITIES**Research**

1997 – 1998	“Protein L-isoaspartate O-methyltransferase as a possible biomarker of aging” College of Pharmacy South Dakota State University Brookings, SD Berg T., Preuss C.
1996 – 1997	“Histamine N-methyltransferase human pharmacogenetics”

Mayo Graduate School of Medicine, Mayo Clinic
Rochester, MN
Weinshilboum R., Preuss C.

- 1992 – 1995 “Mammalian arylacetamide deacetylase”
College of Pharmacy, Wayne State University
Detroit, MI
Svensson, C., Preuss C.
- 1991 – 1992 “Synthesis of spermidine/spermine-N¹-acetyltransferase inhibitors”
College of Pharmacy, Wayne State University
Detroit, MI
Woster P., Preuss C.

Grants

- 1999 Krishnan P., Preuss C. et al. “Liquid Chromatography Mass Spectrometer”
South Dakota Soybean Research Council Funding.
Awarded \$20,000
- 1999 Krishnan P., Preuss C. et al. “Liquid Chromatography Mass Spectrometer”
South Dakota Corn Utilization Council Funding.
Awarded \$10,000
- 1999 Krishnan P., Preuss C. et al. “Liquid Chromatography Mass Spectrometer”
United States Department of Agriculture.
Awarded \$50,000
- 1997 – 1998 Berg T., Preuss C. “Protein L-isoaspartate O-methyltransferase as a possible biomarker of aging”
Research Starter Grants, South Dakota State University.
Awarded \$4,000

Technology Commercialization

- 1998 Weinshilboum, R., Preuss C. et al. “Human Histamine N-Methyltransferase (HNMT) Pharmacogenomics”
Mayo Medical Ventures

Refereed Articles

Wells K., Preuss C., Pathak Y., Kosambiya J., Kumar A., Engaging the Community in Health Research in India. *Technology and Innovation*, Vol. 13, pp. 305-319, 2012.

Muscarella M., Preuss C., Sabir A., and Pathak Y. Part I: Embracing QBD and PAT in Nutraceutical Production. *Tablets and Capsules* 9(7): 18-25, 2011.

Pathak P. and Preuss C. Solo versus concert performance: Nanotechnology research and academic performance evaluation. *Technology and Innovation*, Vol. 13, pp. 75–82, 2011.

Karlsson G., Preuss C., Chaitoff, K., Maher, T., and Ally, A. Medullary monoamines and NMDA receptor regulation of cardiovascular responses during peripheral nociceptive stimuli. *Neuroscience Research*, 2006.

Morrow J., Edeki T., El Mouelhi M., Galinsky R., Kovelesky R., Noveck R., and Preuss C. American Society for Clinical Pharmacology and Therapeutics Position Statement of Dietary Supplement Safety and Regulation. *Clinical Pharmacology & Therapeutics* 77: 113-122, 2005.

Ishide T., Preuss C., Maher T., and Ally A., Neurochemistry within ventrolateral medulla and cardiovascular effects during static exercise following eNOS antagonism. *Neuroscience Research* 52: 21-30, 2005.

Preuss C., Wood T., Szumlanski C., Raftogianis R., Otterness D., Girard B., Scott M., Weinshilboum R. Human histamine N-methyltransferase pharmacogenetics: Common genetic polymorphisms that alter activity. *Molecular Pharmacology* 53:708-717, 1998.

Preuss C. and Svensson C. Arylacetamide deacetylase activity towards monoacetyl-dapsone: Species comparison, factors that influence activity, and comparison with 2-acetylaminofluorene and p-nitrophenyl acetate hydrolysis. *Biochemical Pharmacology* 51:1661-1668, 1996.

Saab N., Bieszk N., West E., Preuss C., Mank A., Casero R., Woster P. Synthesis and evaluation of unsymmetrically substituted polyamine analogues as inhibitors of human Spermidine/Spermine-N¹-Acetyltransferase (SSAT) and as potential antitumor agents. *Journal of Medicinal Chemistry* 36:2998-3004, 1993.

Chapters and Monographs

Pathak Y. and Preuss C., Orally delivered nanoparticle drug delivery systems for dental applications and their toxicity on systemic organs in *Nanobiomaterials in Clinical Dentistry*, Ed.: Subramani K., Ahmed W., Hartsfield J., Elsevier 2012. (In press)

Preuss C. Case Study: Diabetes Mellitus, *American Physiological Society*
<http://www.apsarchive.org/resource.cfm?submissionID=6525>, 2012.

Preuss C. and Dietz J. Case Study: Hypertension, *American Physiological Society*,
<http://www.apsarchive.org/resource.cfm?submissionID=5101>, 2011.

Dietz J. and Preuss C. Case Study: Fluid Retention Following the MAZE Surgical Procedure, *American Physiological Society*, <http://www.apsarchive.org/resource.cfm?submissionID=3814>, 2010.

Preuss C. Pharmacologic Characterization of Nutraceuticals, Chapter 8, *Handbook of Nutraceuticals, Volume I: Ingredients, Formulations and Applications*, Ed. Pathak Y., CRC Press, 2010.

Preuss C. Biopharmaceutical and Pharmacokinetic Characterization of Nutraceuticals, Chapter 9, *Handbook of Nutraceuticals, Volume I: Ingredients, Formulations and Applications*, Ed. Pathak Y., CRC Press, 2010.

Preuss C. Mivacurium, *xPharm: The Comprehensive Pharmacology Reference*, Eds. Enna S.J. and Bylund B., Elsevier Ltd., <http://www.sciencedirect.com>, 2010.

Preuss C. Pipecuronium, *xPharm: The Comprehensive Pharmacology Reference*, Eds. Enna S.J. and Bylund B., Elsevier Ltd. <http://www.sciencedirect.com>, 2010.

Preuss C. Pralidoxime, *xPharm: The Comprehensive Pharmacology Reference*, Eds. Enna S.J. and Bylund B., Elsevier Ltd., <http://www.sciencedirect.com>, 2009.

Abstracts

Wheeler D., Pross S., Preuss C. Bahner I. Team-based learning exercises as a method of integration between traditional department-based second year courses. *IAMSE*, 2011.

Preuss C., Doupnik C., Arslan O., Johnson W., Pathak P. Selection of a faculty peer-review instrument for the assessment of medical science lecturing during the pre-clerkship medical curriculum. *IAMSE*, 2011. (Award Nominee)

Koomer A., Dutta A., Sansgiry S., Ansong M., Preuss C., Soja W. Pharmacists' perception of pharmacogenomics in their profession. *AACP/AFPC Annual Meeting and Seminars*, 2008.

Phattananarudee S., Kabadi S., Preuss C., Maher T., Ally A. Endothelial nitric oxide synthase (eNOS) expresses differentially within the ventrolateral medulla in rats following transient middle cerebral artery occlusion (MCAO) and reperfusion. *The FASEB Journal*, 20(3): 2006.

Phattananarudee S., Kabadi S., Preuss C., Maher T., Ally A. Abundance of endothelial nitric oxide synthase (eNOS) within the ventrolateral medulla in stroke rats. *New England Pharmacologist*, 35, P-63, 2006.

Yan L., Preuss C., Szumlanski C., Weinshilboum R. Human histamine N-methyl-transferase (HNMT) pharmacogenetics: Common genetic polymorphisms that alter activity. *XIIIth International Congress of Pharmacology*, 1998.

Preuss C., Girard B., Scott M., Weinshilboum R. Human Histamine N-methyltransferase (HNMT) Molecular Pharmacogenetics. *Biomedicine '97'*, 1997.

Preuss C., Svensson, C. Monoacetyldapsone(MADDS) as a probe for the characterization of the enzyme(s) involved in the deacetylation of arylacetamides. *International Society for the study of Xenobiotics*, 1994.

Saab N., Preuss C., Bieszk N., West E., Woster P. Synthesis of regioselective functionalized polyamine analogs as potential inhibitors of Spermidine/Spermine-N¹-Acetyltransferase (SSAT). *25th Annual Graduate Student Symposium in Medicinal Chemistry*, 1992.

Non-Refereed Articles

Preuss C. Conotoxins: Pharmacological treasures under the sea. Sullivan University College of Pharmacy, *Drug Information Newsletter*, 1(1), 5, 2008.

Invited Presentations

Cancer Chemotherapy Review (USMLE Step 1 Board Review): Christian Medical and Dental Association, Second Year Medical Students, University of South Florida College of Medicine, 2009-2010.

Cardiovascular Pharmacology Review (USMLE Step 1 Board Review): Christian Medical and Dental Association, Second Year Medical Students, University of South Florida College of Medicine, 2009-2010.

Manuscript Reviewer

2007 – Present	<i>Journal of the American Pharmacists Association</i>
2005 – 2007	<i>Journal of Pharmacy Technology</i>
2005	<i>Principles of Pharmacology</i>
2005	<i>Human Physiology</i>
2003 – 2007	<i>Annals of Pharmacotherapy</i>
1999 – 2000	<i>Integrated Cardiopulmonary Pharmacology</i>
1999	<i>International Journal of Pharmacognosy</i>

ACADEMIC & PROFESSIONAL AFFILIATIONS

2012 – Present	International Academy of Medicine
2009 – Present	International Association of Medical Science Educators
2009 – Present	American Society of Pharmacology and Experimental Therapeutics
2002 – 2003	Christian Pharmacist Fellowship International
1997 – Present	Mayo Clinic Alumni Association
1997 – Present	American Society of Clinical Pharmacology and Therapeutics
1997 – 2000	Sigma Xi Scientific Research Society
1996 – Present	Wayne State Alumni Association
1993 – 2009	American Association of Pharmaceutical Scientist
1993 – 1999	International Society for the Study of Xenobiotics
1992 – 2009	American Association of Colleges of Pharmacy
1992 – 1994	American Chemical Society
1988 – Present	American Pharmacist Association

COMMUNITY SERVICE

1993	Neighborhood Clean-UP Virginia Park Block Club Detroit, MI
1992	Patient Counseling Schoolcraft Community College Livonia, MI
1990	Patient Counseling Macomb County Health Fair Warren, MI
1988	Lock Up for Life American Cancer Society Detroit, MI

1987 Pharmacy Volunteer
Detroit Receiving Hospital
Detroit, MI

HONORS AND AWARDS

2010 Platinum Dean's Recognition Award

2000 Recognition on Student Satisfaction Survey

2000 – 2001 American Association Colleges of Pharmacy Alternate Delegate

1992 Rho Chi Honor Society

1991 Lilly's Student Leadership Recognition

1991 The Kappa Psi Award

1990 Dean's List

1990 Milstein Fund Scholarship

1990 Kappa Psi Henry Melton Award

1988 Kappa Psi Aesculapius Key

Deborah Copperman Roth, D.O.

Curriculum Vitae

PRESENT Department of Psychiatry and Neuroscience
USF Health Morsani College of Medicine
Tampa, Florida

PERSONAL DATA DOB May 10, 1949

EDUCATION AND TRAINING

9/1967-5/1971	B.A., cum laude Goucher College Towson, Maryland, Major in Biological Science
8/1972-6/1975	D.O.University of Osteopathic Medicine and Health Sciences Des Moines, Iowa
7/1975-6/1976	Rotating Internship SunCoast Hospital, Largo, Florida
7/1979-6/1982	Residency Psychiatry, Department of Psychiatry & Behavioral Medicine University of South Florida College of Medicine, Tampa, Florida
7/1981-6/1982	Chief Resident Psychiatry, Department of Psychiatry & Behavioral Medicine, University of South Florida College of Medicine, Tampa, Florida

LICENSURE

1976-	Florida (No. OS-0003668)
1976-	Ohio (No. 34-00-2798)

CERTIFICATION

1/1984	American Board of Psychiatry & Neurology
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AWARDS/HONORS

6/1982	Hibbs Bourkard Award for Outstanding Resident 1981-82
5/1991	Nancy C.A. Roeske, M.D. Certificate of Recognition for Excellence in Medical Student Education 1991
5/1996	Fellow APA
1/1999-	Best Doctors in America List
1/2003	Distinguished Fellow APA
2/2010	American College of Psychiatry

ACADEMIC EXPERIENCE

7/ 1979-6/ 1982	Clinical Associate, Department of Psychiatry & Behavioral Medicine
7/1982-6/1994	Assistant Professor Department of Psychiatry Behavioral Medicine
7/1983-6/1986	Assistant Director of Medical Student Education Department of Psychiatry & Behavioral Medicine
7/1983 -6/2000	Director of Medical Student Clerkships in Psychiatry
7/1986-6/2000	Director of Medical Student Education Department of Psychiatry & Behavioral Medicine
6/1994-	Associate Professor Department of Psychiatry and Behavioral Medicine
6/2000- 8/2001	Associate Professor of Oncology and Psychiatry Department of Interdisciplinary Oncology Psychosocial Medicine and Palliative Care Program H. Lee Moffitt Cancer Center at the USF COM
8/2007-3/2008	Co-Course Director, Clinical Problem Solving
3/2008-	Course Director, Clinical Problem Solving
5/2010-	Course Director, Evidence Based Clinical Practice

ACADEMIC COMMITTEE ASSIGNMENTS**Departmental**

7/1981-8/1996	Residency Training Committee
1/1982- 8/1995	Residency Seminar Planning Committee
8/1983-6/2000	Chair Task Force on Medical Student Education
8/1984-8/1989	Chair Residency Seminar Planning Committee
9/1985-8/1988	Medical Records Committee
1986- 2003	Medical Student Education Committee
7/1986-6/2000	Chair Medical Student Education Committee
9/1987-8/1995	Patient Care Evaluation Committee USF Psychiatry Center
8/1988-8/1989	Research Committee
9/1988-7/1998	Elected Faculty Representative Department Council
7/1991-12/1995	Chair Library Committee
10/2001-8/2006	Chair Residency Curriculum Subcommittee

College of Medicine

7/1982- 6/2000	College of Medicine Medical Student Education Committee
8/1983-12/1984	College of Medicine Audiovisual Committee
1983-2000, 2007-	Academic Performance Review Committee
7/1988-6/2000	Clerkship Committee College of Medicine
9/1990-6/2000	Academic Status Committee USF College of Medicine
9/1990-8/1995	Curriculum Committee College of Medicine
9/1990-8/1995	Curriculum Subcommittee-Clinical Years
10/1990-9/1995	Faculty Council, Departmental Representative, USF COM

	LCME Self Study Committee IV - Educational Program Leading to the MD Degree
9/1997-9/2005	Curriculum Committee College of Medicine
9/2000- 9/2005	Chair Curriculum Committee College of Medicine
1997-1998	LCME Self Study Committee IV-Educational Program Leading to the MD Degree
2000-2001	Committee C-"Clinical Teaching Facilities" of USF College of Medicine
	Institutional Self-Study Task Force
9/2001-12/2004	Curriculum Administrative Work Group
4/2004-6/2006	Project for the Advancement of Clinical Education
6/2005- 3/2007	Faculty Co-Chair LCME Accreditation Self Study
8/2007-	Medical Student Selection Committee
8/2010-	Interviewer for SELECT Program
10/2010 -	Co-Chair Professionalism in Medicine Workgroup

TEACHING EXPERIENCE

Medical Student

7/1983-6/2000	Director Medical Student Clerkships in Psychiatry
1/1984-6/2000	Lecturer Clerkship Program Didactics
7/1983-	Lecturer & Seminar Leader, Behavioral Medicine Course
1/1989-6/2000	Director Introduction to Behavioral Medicine Course
1/1983-5/1992	Lecturer & Seminar Leader Introduction to Psychiatry Sequence
	Introduction to Clinical Medicine
1/1985-7/1992	Director of Introduction to Psychiatry Sequence, ICM Course
7/1984-6/2000	Director of Medical Student Education
1995-1997	Faculty Attending Adult Inpatient Service USF Psychiatry Center
1997-	Facilitator Problem Based Learning Course/Clinical Problem Solving Course (Year II)
1/1999-6/2000	Faculty Attending Adult Inpatient Service TGH Ward 7F
2000-2001	Attending Psychiatrist, Psychosocial and Palliative Care Program, Moffitt Cancer Center at USF
8/2002	Seminar Leader Profession of Medicine Course (Year I)
8/2007-3/2008	Co-Course Director Clinical Problem Solving Course
3/2008- 3/2011	Course Director Clinical Problem Solving Course
5/2010-	Course Director Evidence Based Clinical Reasoning I
1/2011-	Course Director Evidence Based Clinical Reasoning II

Resident

7/1984-8/2006	Lecturer Residency Training Program
7/1982-	Individual Resident Supervision, (Psychotherapy & Enrichment)

7/1984-6/1985	PG-I Seminar Developmental Issues and Clinical Applications
7/1983-6/1985	Coordinator Psychotherapy Seminar
7/1983-6/1985	Coordinator PG I & PG II years
7/1995-11/1997	Management Supervisor and Faculty Attending Adult Inpatient Service USF Psychiatry Center
1/1999-6/2000	Management Supervisor and Faculty Attending Adult Inpatient Service, TGH Ward 7F
7/2000- 8/2001	Faculty Attending and Supervisor Psychosocial and Palliative Care Program Outpatient Program Moffitt Cancer Center at USF
1/2002- 8/2004	Faculty Attending and Supervisor, Short Term Residential Treatment Unit, Northside Mental Health Center
12/2002-3/2003	Management Supervisor and Faculty Attending Adult Inpatient Service, TGH Ward 7F
2/2002-	Attending Psychiatrist Outpatient Resident Clinic, USF Psychiatry Center

CLINICAL EXPERIENCE

7/1976-11/1977	General Practice St. Petersburg, Florida
7/1982- 6/1983	Staff Psychiatrist James Haley VA Hospital, Ward 1CW Tampa, Florida
7/1983-	Outpatient Practice Department of Psychiatry and Behavioral Medicine Tampa, FL
7/1983- 6/1988	Consultant Northside Community Mental Health Center, Tampa, Florida
7/1995- 11/1997	Adult Inpatient Service USF Psychiatry Center
1/1999- 6/2000	Attending Psychiatrist Adult Inpatient Service TGH Ward 7F
7/2000- 8/2001	Attending Psychiatrist Psychosocial and Palliative Care Program Moffitt Cancer Center at USF
1/2002- 9/2004	Attending Psychiatrist Short Term Residential Treatment Center Northside Mental Health Center
12/2002- 3/2003	Attending Psychiatrist Adult Inpatient Service, TGH Ward 7F
2/2002-	Attending Psychiatrist Outpatient Resident Clinic, USF Psychiatry Center

COMMUNITY SERVICE

1985-1987	Hillsborough Community Mental Health Center, Board of Directors
1986-1992	Tampa Jewish Family Services Board of Directors
2003-	Board of Directors Hillels of the Florida Suncoast (USF)

PROFESSIONAL MEMBERSHIPS

1975-	FOMA
1975-	American Osteopathic Association
1979-	American Psychiatric Association
1979-	Florida Psychiatric Society
1981-	Tampa Psychiatric Association
1981-1990	Tampa Psychotherapy Study Group
1982-2001	Association of Academic Psychiatry
1984-2001	Association of Directors of Medical Student Education in Psychiatry
2010-	American College of Psychiatrists
2010-	American Academy of Clinical Psychiatrists

PROFESSIONAL ORGANIZATION EXPERIENCE

1985-2001	Association of Directors of Medical Student Education in Psychiatry Program Chairperson 1985, 1986, 1987 Councilor 1985-87 President Elect 1987-1989 President 1989-1991
1987-2004	Proctor, American Board of Psychiatry & Neurology Examination, Part I
1989-	Examiner, American Board of Psychiatry & Neurology, Part II
1990-1994	American Psychiatric Association Committee on Medical Student Education
2006-	American Board of Psychiatry and Neurology Part II Examination Vignette Committee

PRESENTATIONS

1982	"Case Presentation of Psychogenic Vomiting in Pregnancy," TGH
1984	"Pregnancy and Postpartum Disorders" Tampa General Hospital
6/13/1985	"Medical Student Mental Health:" Workshop at the 1985 Association of Directors of Medical Student Education, Chicago
2/5/1985	"Psychiatric Consultation Liaison in the VA System: A 6 Month Review" Grand Rounds Department of Psychiatry and Behavioral Medicine USF COM
1/17/1985	"Relevance of Psychodynamic Theories in Anorexia and Bulimia" in Update in Psychosomatic Disorders: Eating Disorders and Pain Third Annual "Advances in Psychosomatic Medicine
1985	"Psychiatry as a Career" Premed Club, University of South Florida

1986	"Antidepressants," Manic Depressive Association April 1986
1988	"Antidepressants," Public Psychiatry Workshop USF College of Medicine
1989	"Anticonvulsants in the Treatment of Affective Disorders" Public Psychiatry Workshop USF College of Medicine.
1989, 1990	"Research Update", Grand Rounds, Department of Psychiatry & Behavioral Medicine, USF COM
6/13/1991	"Self Study in Medical Student Teaching" ADMSEP Annual Meeting,
4/1999	"Delirium and Dementia" TGH Inpatient Service In-service
10/2001	"The Blahs and Beyond: A Dialogue About Depression, Anxiety and Fatigue". H. Lee Moffitt Cancer Center, FACTORS Conference.
3/2001	"Treating the Difficult Patient". H. Lee Moffitt Cancer Center. Skill Building Workshop

PUBLICATIONS

- Roth, D.C. and Golloway, G.G. Symptoms: Psychodynamic Meanings and Treatment Implications. In P. Powers and R. Fernandez (Eds.), Current Treatment of Anorexia and Bulimia, Basel: Karger, 1984.
- Freeman, D.D., Downey, D.B., Albrecht, D., Miller, D., Norton, J., Rumbo, N., Roth, D. and Milo, K. Buspirone for Anxious Women in a Primary Care Environment - A Multicenter Open Evaluation. Advances in Therapy, 4.
- Roth, D.C., Mattes, J., Sheehan, K.H., and Sheehan, D.V., A Double Blind Comparison of Fluvoxamine, Desipramine and Placebo in Outpatients with Depression. Prog. Neuro-Psychopharmacology and Biological Psychiatry (1990), Vol. 14 (pp 929-939)
- Roth, D.C., Foreword in Behavioral Science for Medical Students, S. Sierles, M.D., editor. Williams and Wilkins, Baltimore, 1993
- Zak, J., Harnett-Sheehan, K., Roth, D., Shaw, K., Palm Top Computer Residency Log in Academic Psychiatry (Fall 1993), Vol. 17 (pp 143-148)

Curriculum Vitae for Frederick L. Slone, M.D.

Name: Frederick L. Slone, M.D.

Personal Information:

Date of Birth: 08/05/1952
 Home address: 552 Riviera Drive, Tampa, FL 33606
 Home phone: 813-251-1838
 Cellular phone: 813-244-0892
 Email address: fslone@health.usf.edu

Education and training:

Undergraduate education: BA degree from Johns Hopkins University in Baltimore Maryland in 1974

Medical degree: M.D. degree obtained from the University of Pittsburgh Medical School, and Pittsburgh, Pennsylvania, in 1978

Internship and Residency in Internal Medicine: The University of South Florida Affiliated Hospitals of the University of South Florida College of Medicine from 1978-1981

Fellowship in Gastroenterology: The University of South Florida Affiliated Hospitals of the University of South Florida College of Medicine from 1982-1984

Employment History:

07/01/81 - 06/30/82: Assistant Professor of Medicine, University of South Florida Affiliated Hospitals

07/01/84 – 12/09/03: Engaged in the private practice of Gastroenterology in Tampa, Florida during this period of time. Unfortunately, I had to give up my practice of gastroenterology because of a medical problem, specifically a back problem that prevented me from fulfilling my duties as a gastroenterologist.

08/29/05 – 07-18-08: Visiting Assistant Professor at the University of South Florida College of Nursing, during which time I did the following:

1. Instructor of Pathophysiology for Nursing at both the undergraduate and graduate level.
2. Instructor of anatomy and physiology for the CRNA Program at USF College of Nursing
3. Instructor of Adult Health Management to graduate nursing students in the ARNP (Nurse Practitioner Program)

4. Lead instructor and Developer of the Mock Code simulation activity for semester III nursing students
5. Instructor of the Disaster and Bioterrorism Training at the College of Nursing. I initiated and incorporated a Basic Disaster Life Support Course into the nursing curriculum.
6. Instructor of the Practice Management Course for the DNP (Doctor of Nurse Practitioner) program

8-29-05 to 7-18-08: Affiliate Assistant Professor with the USF Department of Family Medicine (Appointment made in March 2006, although I began helping Dr. Schrot in 2005) This was a non-paid position.

1. I assisted Dr. Richard Schrot in the Physical Diagnosis course for the second year Medical Students. I developed multiple patient simulation scenarios for the Physical Diagnosis Course for the second year Medical Students. These simulations received high ratings from the students, and have become an integral part of the Physical Diagnosis Course.
2. I helped with the testing of the medical students using standardized patients to evaluate the students' competency in doing a history and physical examination.
3. I incorporated a pilot Basic Disaster Life Support Course into the second year Medical School Curriculum as an elective. This course was taken by approximately 35 students and highly received.

7-18-08: Appointed as Medical Director for the Center for Advanced Clinical Learning for the USF (University of South Florida) College of Medicine, and an Assistant Professor for the USF (University of South Florida) College of Medicine.

09/01/2008: Appointed as Training Center Coordinator for the American Heart Association USF Training Center.

09/01/2009 Appointed as Assistant Course Director for Physical Diagnosis I and II under Dr. Richard Schrot. in September of 2009.

October of 2010: The Physical Diagnosis course become a component of the Doctoring 1 and Doctoring 2 courses for the 1st and 2nd year medical students:

Doctoring 1 Course Responsibilities:

1. Preceptor for a Doctoring 1 group of 8 students that meet with me from 2-5pm once a week throughout their first year to learn physical diagnosis techniques and how to take a patient history among a variety of other activities.
2. I prepare the physical diagnosis skill sessions materials for Doctoring 1, including didactic materials and video productions to serve as an example of how to perform the physical diagnosis skills
3. I give the didactic sessions (1 hour didactic) to all of the first year students for all of their physical skills sessions.

Doctoring 2 Course Responsibilities:

1. I prepare the majority of the physical diagnosis skill sessions materials for Doctoring 2, including didactic materials and video productions to serve as an example of how to perform the physical diagnosis skills. In addition, I prepare and review didactic materials used in all 3 of the small group

rooms that occur during physical skill sessions for Doctoring 2. This includes interactive powerpoints and simulation activities. I also write many of the case scenarios for the standardized patients for the physical skill sessions activities.

2. I lead a small group discussion in one of the 3 small group rooms from 2-5pm twice a week on weeks that focus on physical exam skills.

Other Responsibilities and Activities as Director of the Center for Advanced Clinical Learning:

1. CPX examinations.

For the CPX examination, I develop the majority of the clinical cases, go over the all of the cases and instruct the Standardized patients or those responsible in teaching the standardized patients, in how to perform the case, and develop the grading rubric for the cases. For students who do not perform well in the CPX examination, I help remediate these students.

2. Harvey elective for the 4th year students: This elective is offered 3 times per year to the students. The elective is one month in length. This is a self-learning elective for the most part, but my time requirements are creating the testing for the elective, teaching the students how to use Harvey and going over all examination materials with the students and attending all didactic sessions with the Cardiologists, which is a 2 hour per week session. In addition, I go over all of the self-learning material so that I am available to help the students use Harvey more effectively, create good examination questions that are relevant to their learning, and be able to answer their questions regarding the material.

3. Surgical clinical rotation simulation activities: For Dr. Goldin, I coordinate, set-up and run a one-half day simulation activity that includes intubation and airway skills, central line placement skills both without and with sonography, and a sophisticated Trauma scenario that is played out using the high-fidelity human patient simulator. I write the trauma case, program it on the computer and run the scenario for the students and then do debriefing and after action review activities in addition to hands on skills teaching before, during and after the scenario. This is a re-current activity that occurs every 6 weeks and takes coordination with the surgical attendings and significant set-up and take-down time. The activity involves an average of 20 students per session and is highly liked by the students

In addition, I help Dr. Goldin with the Fourth year Honors Elective in Surgery: In conjunction with Dr. Goldin, I developed 5 simulation cases and ran these simulations along with the surgery faculty to both teach and test the students' ability in Adult Trauma Life Support Skills. In addition, I taught the surgical students about endoscopy using the advanced endoscopic simulator at Tampa General Hospital. The simulations and the endoscopy instruction were integral parts of this course.

4. Interprofessional Education Activities (IPE)

I help with IPE activities that are incorporated into the Doctoring 1 and 2 courses and in addition have created and have run a pilot interprofessional surgical simulation activity with medical and nursing students that we hope to expand in the future.

5. Member of the USF Health Simulation Consortium committee:

This committee is responsible for getting simulation accreditation for USF Health and in developing the procedures and policies that govern the use of simulation for USF Health. The committee meets every other week.

6. Other simulation activities and responsibilities:

1. I set-up and program the simulation activity for Dr. Cox for the Critical Care rotation for the 4th year med students.

2. I helped to develop and participate in the interdisciplinary simulation used by the Athletic training department to respond to a "downed" football player.
3. I helped to develop and participate in the Mock Code activity of the College of Nursing which is a staple in their teaching curriculum
4. I maintain, troubleshoot, repair, and am basically in charge of making sure that the high fidelity simulators are functional. In addition, I stock, organize and maintain the equipment and materials needed for the simulation activities.
5. I run many demonstrations of the simulation equipment for various groups that come to CACL. This includes but is not limited to the following: a. The admissions team at USF. I run many demos for the prospective students. b. AHEC: We provide many demos and activities for AHEC, and this is done on a recurrent basis. c. EMS and Military often tour our facility and I do demos for these groups. d. Donors to USF. We provide demos to many donor individuals and groups that tour USF.
6. Previously participated in running Mock Codes throughout TGH and worked closely with Dr. Matar and the Code team at TGH to identify problems in both training and execution of the code response in the hospital.
7. I have worked with Trey Early, a Nurse Anesthetist, to develop and run simulation scenarios regarding malignant hyperthermia and cardiac arrest scenarios at both the Surgical Outpatient centers at Morsani center and in the community, the Florida Medical Clinic surgical outpatient facility, and have helped identify deficiencies in preparation and training at these facilities.
8. I have worked with Dr. Joe Nelson, head of EMS services for Florida in both teaching the EMS personnel and helping to set-up and run simulations for them.
9. I have worked with and helped train military combat medics that were deployed to Afghanistan, using high fidelity simulation to help prepare them for handling a multiply injured soldier.

7. Research Activity in Simulation: In coordination with Dawn Schocken, we have abstracts that have been submitted and accepted to SSH and the American Heart Association. In addition, I am a regular presenter at the METI International HSPN conference and help Dr. Schocken with presentations to SSH.

Activities outside of my position as Medical Director for the Center for Advanced Clinical Learning:

1. Training Center Coordinator for the AHA: One of my major responsibilities at USF is acting as the Training Center Coordinator for the AHA (American Heart Association) BLS and ACLS activities at USF. My duties are as follows:

1. I am responsible for all record keeping, maintaining electronic and paper records of all activities, coordinating and passing all reviews from the AHA, and helping to coordinate any community activities that involve our help. Presently this involves training of the Athletic Training and Physical therapy students and staffs, training for various clinical faculty throughout the university, training of the ER residents and ER residency program, and other university and community training programs that periodically occur.
2. I am responsible to attend Local, Regional and National AHA meetings as part of this responsibility.
3. I am responsible to oversee the activities of all training sites under the auspices of USF Health.
4. Previously participated in running Mock Codes throughout TGH and worked closely with Dr. Matar and the Code team at TGH to identify problems in both training and execution of the code response in the hospital.
5. I personally teach all 4th year med students in ACLS, and recertification in BLS and also teach PALS for those med students interested.

2. I am a faculty advisor for the Bridge Clinic, a student run clinic for indigent patients. This involves the following:

1. I personally see patients every Tuesday evening along with the medical students to guide the medical students and precept them in taking care of real patients.

2. I attend the meetings and help supervise the students that “run” the Bridge clinic, and work closely with Dr. Guerra and Gonzalez who are the main faculty advisors for the clinic.

3. Director of the NDLS (National Disaster Life Support) training center at USF and a member of the NDLS EC (National Disaster Life Support Educational Consortium) and part of the ADLS (Advanced Disaster Life Support) subcommittee of which **I am presently the author and Chair of Chapter 7 of the Advanced Disaster Life Support Manual** which was published in 2011.

4. Member of the Board of the American Board of Disaster Medicine: I am in charge of the development and implementation of the simulation testing for certification in the National Board for Disaster Medicine.

Licensure: State of Florida – ME 35710, Expiration Date – 01/31/2012

Board certifications:

1. Internal Medicine, American Board of Internal Medicine, Issue Date: 09/16/1981, Expiration Date: None
2. Gastroenterology, American Board of Internal Medicine, Issue Date: 11/10/1987, Expiration Date: None
3. Disaster Medicine, American Board of Physician Specialties, Issue Date: 12/31/2007, Expiration Date: 12/31/2015

Other Certifications:

1. Advanced Cardiac Life Support (ACLS)-Instructor since September, 2007.
2. Basic Life Support (BLS) Instructor since August 2008
3. Pediatric Advanced Life Support (PALS) Instructor since March 2011
4. Basic Life Support (BLS) – Last renewed in March 2012.
5. Advanced Cardiac Life Support (ACLS)- Last renewed in March 2012.
6. Pediatric Advanced Life Support (PALS)-Last renewed in March 2011.
7. Advanced Trauma Life Support (ATLS) - December, 2007
8. Pre-Hospital Advanced Trauma Life Support (PHTLS)- March 2011
9. Pre-Hospital Advanced Trauma Life Support (PHTLS) Instructor since March 2011
10. Advanced Disaster Life Support, Instructor since January, 2005
11. Advanced Disaster Life Support since January, 2005
12. Basic Disaster Life Support since January, 2005

Professional Associations:

1. American Gastroenterological Association
2. American College of Gastroenterology
3. American Society of Gastrointestinal Endoscopy
4. Florida Gastrointestinal Society
5. American Medical Association
6. Florida Medical Association
7. Hillsborough County Medical Association
8. Member of the NDLSEC (National Disaster Life Support Educational Consortium)
9. Diplomate of the American Board of Disaster Medicine

10. My American Heart of the American Heart Association
11. Society for Simulation in Healthcare (SSH)

Honors:

1. Phi Beta Kappa, Johns Hopkins University
2. Nominated to Omicron Delta Kappa, an honorary fraternity of service to the College and local community, Johns Hopkins University
3. Awarded a Dr. Henry R. Viets Research Fellowship for research on Myasthenia Gravis
4. Selected as speaker for Student Scientific Day at the University of Pittsburgh Medical School for research done on the effects of alcohol and portal hypertension on immunoglobulin levels in a rat animal model and the comparison with alcoholic liver disease and immunoglobulin levels in man
5. Selected as Chief Medical Resident at Tampa General Hospital (November 1980 through March 1981), and as Chief Resident of the Tampa Veterans Administration Hospital (June 1981 through July 1981)
6. Awarded the Nathan L. Marcus Award for the outstanding resident in Internal Medicine at Tampa General Hospital for the year of 1980-1981
7. Selected as one of "America's Top Physicians" (Gastroenterology) through the Center for the Study of Services, Consumers Checkbook, in the Guide to Top Physicians (which is an independent survey service) in past years, and selected again for the 2004-2005 year.
8. Selected as Chair of Chapter 7, Casualty Management, for the new ADLS (Advanced Disaster Life Support), Version 3.0 course. This selection was made in October of 2009.

Publications:

1. Satyamurti S, Drachman DB, Slone FL: Blockade Acetylcholine Receptors: a model of Myasthenia Gravis, Science 187: 955-957, 1975.
2. Van Thiel DH, Gavalier JS, Slone FL, Cobb CG, Smith WI Jr., Bron KM, Lester R: Is feminization in alcoholic Men Due in part to Portal Hypertension: A Rat Model; Gastroenterology 78: 81-91, 1980.
3. Goldschmid S, Brady PG, Slone FL, Farber MS: Duodenal Erosion Caused by a Mesocaval Graft. Gastrointestinal Endoscopy 32: 412-414, 1986.

Abstracts:

1. Slone FL, Smith WI Jr., Van Thiel DH: The Effects of Alcohol and Partial Portal Vein Ligation on the Immune System of the Rat. Gastroenterology 72: A-110/1133, 1977.
2. Van Thiel DH, Gavalier JS, Slone FL, Smith WI Jr., Lester R: Does Portal Hypertension Contribute to the Feminization of Alcoholic Men? Gastroenterology 72: A-121/1155, 1977.
3. *Basic and Advanced Disaster Preparedness Training for Nursing and Medical Students* was selected for oral presentation during the American Public Health

Association (APHA) 134th Annual Meeting & Exposition (November 4-8, 2006) in Boston, MA.

4. D.M. Schocken, F. L. Slone, B. Peckler, D.D. Schocken: The Hybrid Use of High-Fidelity Simulation in Advanced Cardiac Life Support (ACLS) Task Training. *Simulation in Healthcare, Journal of the Society for Simulation in Healthcare*: Vol. 4, No. 4, Winter 2009.
5. D.M. Schocken, S. Charles, F.L. Slone, D.D. Schocken: Teaching the Cardiac Exam to First Year Medical Students. American Heart Association.

Text Books:

1. Reviewer for the textbook: *Essentials of Pathophysiology*, Third Edition. Carol Mattson Porth. Wolters Kluwer/Lippincott Williams & Wilkins, 2011.
2. *Advanced Disaster Life Support v.3.0 Course Manual*. Chair and Co-Author of Chapter Seven, *Mass Casualty Management*. AMA publisher, 2012.
3. Presently writing a chapter on Human Patient Simulation for a textbook to be produced by the SSH (Society for Simulation in Healthcare).

Abstracts in Disaster Medicine:

1. Basic and Advanced Disaster Preparedness Training for Nursing and Medical Students was selected for oral presentation during the American Public Health Association (APHA) 134th Annual Meeting & Exposition (November 4-8, 2006) in Boston, MA.

Presentations at National Meetings:

1. Chemical Disasters, the Nursing Role was presented at the EMLRC (Emergency Medicine Learning and Resource Center) in Orlando, Florida in February of 2006.
2. Basic and Advanced Disaster Preparedness Training for Nursing and Medical Students was presented at the American Public Health Association (APHA) 134th Annual Meeting & Exposition (November 4-8, 2006) in Boston, MA.
3. Human Patient Simulation in Disaster Medicine was presented at the EMLRC (Emergency Medicine Learning and Resource Center) in Orlando, Florida in February of 2007.
4. The Human Patient Simulator: A Key to Realistic Training in Advanced Disaster Life Support was presented at the METI corporation international meeting, HPSN 2006(Human Patient Simulation Network) in February of 2006.

5. The Human Patient Simulator: A Key to Realistic Training in Advanced Disaster Life Support was presented at the METI corporation international meeting, HPSN 2007(Human Patient Simulation Network) in February of 2007.
6. The Ins and Outs of Using Simulation in Disaster Training: This was presented at the METI Southeast/Gulf Coast Regional HPSN meeting in October of 2007.
7. Use of Simulation in Disaster Medicine was presented at the METI corporation international meeting, HPSN 2008(Human Patient Simulation Network) in February of 2008.
8. The Power of Simulation in Teaching Undergraduate Nursing Students: How to Respond to a Code Situation in the Hospital Setting was presented at the METI corporation international meeting, HPSN 2008(Human Patient Simulation Network) in February of 2008.
9. Use of Simulation for High-Stakes Exams: was presented at the METI corporation international meeting, HPSN 2009 (Human Patient Simulation Network) in March of 2009.
10. The Power of Simulation in Teaching a Response to a Code: was presented at the METI corporation international meeting, HPSN 2009 (Human Patient Simulation Network) in March of 2009.
11. Linebacker Stan: On-field care of the spine injured athlete: This was done in conjunction with the athletic training department of USF and presented at METI corporation international meeting, HPSN 2010 (Human Patient Simulation Network) in March of 2010.
12. The Hybrid Use of High-Fidelity Simulation in Advanced Cardiac Life Support (ACLS) Task Training. This was presented at the METI corporation international meeting, HPSN 2010 (Human Patient Simulation Network) in March of 2010.
13. The use of Simulation in Teaching a Response to a Code for Nursing. This was presented in conjunction with Marisa Belote of the USF College of Nursing at the METI/CAE international meeting, HPSN 2012 (Human Patient Simulation Network) in March of 2012.

Activities and experience related to Simulation:

1. Courses Attended related to Simulation:

1. Attended and received a certificate from the Institute for Medical Simulation for their Comprehensive week long course in simulation from March 12-17, 2007. This course is sponsored by Harvard and MIT.

2. Attended a 3 day METI training session for the ECS model in 2005 at METI in Sarasota
3. Attended a 3 day Laerdal training session for the Laerdal Sim-Man in December of 2008 at the WISER center in Pittsburgh, Pa.
4. Attended a 1 day training session for the METI HPS at USF in 2009 held at USF
5. Attended a 2 day training session for the METI HPS at METI in Sarasota in June of 2010
6. Attended a 1 day Laerdal training session for the Laerdal G man at USF in March of 2010
7. Attended SSIH National Meeting in 2008, 2009, 2010 and 2011.
8. Attended the METI HSPN international conference in 2006, 2007, 2008, and 2009, 2010, and 2011, 2012.
9. IMSH (International Meeting on Simulation in Healthcare) 2012: 2.75 credit hours: 1.25 on NASA Space Medicine Simulations, Flight Analogs and Mission Control and 1.50 on Virtual Reality on Flat Screens
10. I was invited and attended a 5 hour round-table Expert Panel sponsored by CAE/METI that included physician leaders in simulation around the country in conjunction with the Medical Director of CAE corporation to discuss the future of simulation in teaching physicians in the future.
11. Laerdal SimMan 3G course on 7/11/12-7/12/12: 12 hours of instruction on the operation, functionality and programming of SimMan

3. Simulation Organizations

1. Member of the SSIH, Society for Simulation in Healthcare

Other Accomplishments in the combination of Simulation and Disaster Medicine

1. I helped develop the first use of the Human Patient Simulator for a National Board Certification testing. This testing was done as part of the American Board of Disaster Medicine testing process for Board Certification in Disaster Medicine. The first testing was done in Tampa, Florida in March of 2008. The testing process involved the use of 2 simulation scenarios in Disaster Medicine and eleven candidates were tested using state of the art simulation technology.
2. As a part of the NDLSEC (National Disaster Life Support Educational Consortium), I was selected in October of 2009 to be Chair of Chapter 7, Casualty Management, for the new ADLS (Advanced Disaster Life Support), Version 3.0 course. As Chair for this part of the course, I wrote: 1. A chapter on "Casualty Management" which involves the recognition and treatment of Chemical, Radiological, Biological, Nuclear and Traumatic Injury Mass Casualty Events. 2. Helped to create a simulation activity using advanced human patient simulators to instruct students on the management of the above Mass Casualty Events.

Membership in Organizations Involved in Disaster Management:

1. Member of the American Board of Disaster Medicine of the American Board of Physician Specialties
2. Director of the NDLS (National Disaster Life Support) Regional Training Center at the University of South Florida
3. Member of the ADLS (Advanced Disaster Life Support) subcommittee of the NDLSEC (National Disaster Life Support Educational Consortium) and Chair of Chapter 7, Casualty Management of the new ADLS manual published in 2011

AMANDA JESSICA TRIMBLE

- ◆ MAILING ADDRESS: 12901 Bruce B. Downs Blvd., MDC 55, Tampa, FL, 33612 ◆
- ◆ OFFICE ADDRESS: 13220 USF Laurel Dr., Tampa, FL, 33612 ◆
- ◆ CLINIC ADDRESS: 13330 USF Laurel Dr., Tampa, FL, 33612 ◆
- ◆ PHONE: (813)-396-9634 ◆ EMAIL: atrimble@health.usf.edu ◆

PROFESSIONAL EXPERIENCE

Physician Assistant, *University of South Florida*, Department of Neurology,

Multiple Sclerosis Clinic, 2011-Present

- Monitoring and modification of medical management for Multiple Sclerosis patients in the outpatient setting.
- Selecting, screening, monitoring, and managing patients in the setting of clinical trials for Multiple Sclerosis.

Stroke Clinic, 2010-2011

- Monitoring and modification of medical management for Stroke patients in the outpatient setting.

Physician Assistant, *University of Florida*, Department of Neurology, Neurovascular Service, 2009-2010

- Managing care of cerebrovascular patients; and, participating in related research opportunities.

EDUCATION

Master of Physician Assistant Studies, *University of Florida*, College of Medicine, 2007-2009

Bachelor of Science, *University of Florida*, College of Public Health & Health Professions, Summa Cum Laude, 2003-2007

Alexander W. Dreyfoos School of the Arts High School, Visual Arts, 1999-2003

RELATED EXPERIENCE

Basic Life Support Instructor, *University of Florida Student Health Care Center*, 2005-2009

Taught both credit and non-credit courses in CPR, First Aid, and First Responder, following the American Heart Association guidelines

Research Associate, *University of Florida Movement Disorders Center*, 2006-2007

Received a grant from the University Scholar Program to complete an undergraduate honors thesis research project investigating the effect of non-motor factors on the patient's perception of outcome following Deep Brain Stimulation surgery for Parkinson's Disease

Emergency Medical Technician, *Alachua County Fire Rescue Reserves Bike & Water Rescue Team*, 2006-2007

Volunteered as part of a team of Paramedics, EMTs, and First Responders performing in a pre-hospital setting, and patrolling the streets and rivers/lakes of the greater Gainesville area

CURRENT CLINICAL RESEARCH INVOLVEMENT

A mult-center double-blind parallel-group placebo-controlled study of the efficacy and safety of teriflunomide in patients with relapsing multiple sclerosis who are treated with interferon-beta.

Sanofi-Aventis

November 2011-Present

A phase-2, double-blind, randomized, placebo-controlled, four-arm, multicenter, dose finding study to assess the safety and efficacy of three dose levels of AVP-923 (dextromethorphan/quinidine) in the treatment of central neuropathic pain in patients with multiple sclerosis

Avanir Pharmaceuticals

November 2011-Present

A randomized, double-blind, double-dummy, parallel-group study to evaluate the efficacy and safety of ocrelizumab in comparison to interferon beta-1a (Rebif) in patients with relapsing multiple sclerosis

F. Hoffman-La Roche Ltd/Genentech Inc

September 2011-Present

A dose-blind, multicenter, extension study to determine the long-term safety and efficacy of two doses of BG00012 monotherapy in subjects with relapsing-remitting multiple sclerosis

Biogen-Idec

May 2010-Present

A multicenter, randomized, rater-blind, parallel-group, active-controlled study to evaluate the benefits of switching therapy (glatiramer acetate or interferon beta-1a) to natalizumab in subjects with relapsing-remitting multiple sclerosis

Biogen-Idec

March 2010-August 2011

A phase III, randomized, double-blind, placebo-controlled, multi-center clinical trial of oral cladribine in subjects with a first clinical event at high risk for converting to multiple sclerosis

EMD Serono

February 2010-Present

Characterization of immunological reconstitution following alemtuzumab therapy in patients with relapsing-remitting multiple sclerosis

Silva Markovic-Plese, MD-UNC-Chapel Hill

August 2009-Present

A randomized, multicenter, placebo-controlled, and active reference (glatiramer acetate) comparison study to evaluate the efficacy and safety of BG00012 in subjects with relapsing-remitting multiple sclerosis

Biogen-Idec

April 2008-Present

A phase 3, randomized rater and dose blinded study comparing two annual cycles of intravenous low and high dose alemtuzumab to three times weekly subcutaneous interferon beta-1a in patients with relapsing-remitting multiple sclerosis who have relapsed on therapy

Genzyme Corporation

September 2007-Present

A 12-month double-blind, randomized, multicenter, active-controlled, parallel-group study comparing the efficacy and safety of 0.5 mg and 1.25 mg fingolimod (FTY720) administered orally once daily versus interferon B-1a (Avonex) administered intramuscularly once weekly in patients with relapsing-remitting multiple sclerosis with optional extension phase

Novartis

March 2007-February 2011

PREVIOUS CLINICAL RESEARCH INVOLVEMENT

Stenting vs. Aggressive Medical Management for Preventing Recurrent Stroke in Intracranial Stenosis (SAMMPRIS).

NIH-NINDS

Insulin Resistance Intervention After Stroke Trial (IRIS).

NINDS

PREVIOUS PUBLICATIONS

Fogel, A., Foote, K., Okun, M., Zeilman, P., Bowers, D. (2007). **Social support in relation to outcome from deep brain stimulation surgery.** *UF Journal of Undergraduate Research*, 8(5).

Kluger, B. M., Garvan, C. W., Jacobson, C., Bowers, D., Fogel, A., Skoblar, B., Rodriguez, R., Fernandez, H. H., Okun, M. S., **The prevalence and clinical significance of fatigue following deep brain surgery in Parkinson's disease.** *Poster presentation at the 2009 American Academy of Neurology Conference.*

HONORS/AWARDS/CERTIFICATIONS

- *Florida Academy of Physician Assistants* Member, 2007-Present
 - *Basic Life Support Instructor* Certification, 2005-Present
 - *Advanced Cardiac Life Support*, 2006-Present
 - *Emergency Medical Technician-Basic* License, 2006-2008
 - *University Scholars Program* grant recipient, 2006-2007
-

INTERESTS

- **Visual Arts:** Concentration in visual arts at the Alexander W. Dreyfoos, Jr. School of the Arts
- **Piano:** Classically trained in piano with 20 years experience

CURRICULUM VITAE

Kira Zwyygart, MD

Present Rank: Associate Professor
Interim Chair, Department of Family Medicine
University of South Florida College of Medicine

EDUCATION

1989 – 1993	Lenoir-Rhyne College, Hickory, North Carolina Bachelor of Science - Biology, Summa Cum Laude
1994 - 1998	University of South Florida College of Medicine Tampa, Florida, Doctor of Medicine
1998 - 2001	Florida Hospital Family Practice Residency, Orlando, Florida
2002 - 2003	Faculty Development Fellowship, Department of Family Medicine, University of North Carolina, Chapel Hill, North Carolina

PROFESSIONAL EXPERIENCE

2000-2001	Chief Resident, Florida Hospital Family Practice Residency, Orlando, Florida
2001 - present	Family Physician, USF Physician's Group, University of South Florida Medical Clinics, Tampa, Florida
2001 - present	Medical Staff Physician, Department of Family Practice, Tampa General Hospital, Tampa, Florida, Active Status

NBME/CERTIFICATION

1999	Diplomate, National Board of Medical Examiners
2001, 2008	Diplomate, Board Certified, American Board of Family Practice
2004	Fellow, American Academy of Family Practice

POSITIONS HELD

2001 – 2002	Assistant Director, Third Year Family Medicine Clerkship
2001 – 2007	Assistant Director, Family Medicine Honors Elective
2001 - present	Family Physician, USF Physician's Group, USF Medical Clinics, Tampa, Florida
2002 – 2005	Director, Third Year Family Medicine Clerkship
2002 - present	Assistant Director, Predoctoral Education, Department of Family Medicine, USFCOM
2005 – 2010	Director, Third Year Primary Care and Special Populations Clerkship
2011 – 2012	Team Lead, USF SELECT curriculum
2011 – 2012	Director, SELECT Professional Development 1 Course

2011 – 2012	Director, SELECT Section of Doctoring 1 Course
2011 – 2012	Director, SELECT Prologue Course
2012	Director, SELECT Summer Immersion Course
2012 – present	Interim Chair, USF MCOM Department of Family Medicine

AWARDS/DISTINCTIONS

2004 – present	Selected for Best Doctors in America
2004 - 2007	Selected for Who's Who in Medical Sciences Education
2006	Second Prize Physician Research Award, Florida Academy of Family Physicians
2007	Barness/Behnke Chapter, Gold Humanism Honor Society
2007	Annual Family Medicine Interest Group Award - Awarded in recognition of dedication and support for Family Medicine at the USFCOM, Class of 2007
2009	Recipient, Dean's Bonus Award – awarded to faculty members who demonstrate excellence in teaching, research, and/or clinical care
2010	Recipient, Dean's Bonus Award – awarded to faculty members who demonstrate excellence in teaching, research, and/or clinical care
2001	Recipient, Leonard Tow Humanism in Medicine Award

TEACHING ACTIVITIES

Courses Taught:

Third-Year Family Medicine Clerkship, BCC 6175. Initially served as Assistant Director, then Director of Clerkship. Responsibilities included designing, organizing, and evaluating. Includes clinical teaching in my patient practice, providing a didactic session about ECG interpretation twice during the clerkship, and grading of various assignments (presentations, formal histories and physicals, patient information handouts) completed throughout the clerkship. Also compiled grades and evaluation forms for each student completing the course. 2001 – 2005.

Honors in Family Medicine, MEL 8262. A course that teaches students how to teach. Personally conduct didactic sessions on hospital teaching, and feedback and evaluation; observe students' teaching methods and presentations; and precept students in my patient practice. 2001 – 2007.

Nurse Practitioner Training Program NGR 6212, USF College of Nursing. Precept nurse practitioner students in the USF Family Medicine Clinic. 2001 – 2005.

Physician Assistant Training Program, Family Practice 1-2. PAS 5400 - University of Florida. Precept physician assistant students in the USF Family Medicine Clinic.

Provide didactic session on ECG interpretation for students. 2001 – 2006.

Women's Health – A Lifespan Perspective, MEL 8266. Developed and carried out education regarding the child and adolescent aspect of women's health. 2001 – 2007.

Third Year Primary Care and Special Populations Clerkship, BCC 7184. Director of this newly integrated course. Designed course. Responsibilities include organization and evaluation of course, providing various didactics for students, working with students in the clinic, grading student assignments, meeting with student liaisons for continuous improvement of the clerkship, meeting with each student at the midway point for feedback, creation and administration of exams. Also compile grades and final evaluations for each student completing the course. 2005 – 2010.

Longitudinal Clinical Experience, BMS 6941. Precepting first-year and second-year medical students in the USF Family Medicine Clinic on a weekly basis. 2006 – present.

Profession of Medicine, BMS 5007. Served as small group facilitator during 2-week course for entering medical students. 2003 – 2006, 2008.

Ambulatory Care Clerkship for PharmD students . Precepting pharmD students in the USF Family Medicine Clinic. 2005 – 2009.

Public Sector Medicine Elective, MEL 8263. Precept students as they see patients at the Judeo Christian Health Clinic (JCHC) and Brandon Outreach Clinic and work with first and second year medical students. 2001 – present.

Physical Diagnosis I, BCC 6830. Participated as workshop leader for small group interview sessions when patients had communication groups (2001-2002), participate in small group sessions about physical exam of various organ systems, provided power point didactic regarding physical exam of pediatric and geriatric patients, created test questions for course, precept students seeing patients at the JCHC and Brandon Outreach Clinic. 2001 – 2010.

Physical Diagnosis II, BCC 6830. Provided in-person didactic regarding exam of pediatric and geriatric patients in 2002 and 2003, as well as created power point didactic for current on-line course. Created test questions for course. Participate as workshop leader for small group sessions regarding physical exam of various organ systems, precept students seeing patients at the JCHC and Brandon Outreach Clinic, review and evaluate written and videotaped history and physical exams. 2001 – 2011.

Fourth-Year Family Medicine Elective, MEL 8264. Precept fourth year medical students in the USF Family Medicine Clinic. 2001 – present.

Fourth-Year Honors Clinical Interdisciplinary Elective, MEL 7954. Developed and led didactic sessions in feedback, the brief structured observed examination and the one-minute preceptor. Observed and graded OSCE sessions of students. 2008 –

present.

Fourth-Year Teaching Elective, MEL 8965. Provide didactics regarding aspects of teaching for 4th year students. 2009 – present.

Clinical Problem Solving, BMS 6832. Co-facilitate a small group of second-year students in a problem-based learning format. 2009 – 2011.

Third Year Primary Care and Special Populations Clerkship, BCC 7184. Provide several didactics for students; precept students in the USF Family Medicine Clinic. 2011 – present.

Doctoring, BMS 6825. Co-facilitate a small group of first-year medical students in principles of doctoring. Format includes some didactic, but mainly group interactions. Students practice interview skills and physical exams, and facilitators provide regular feedback and assist the group in doing the same. There are discussions regarding ethics and humanities as well. 2010 – present.

Evidence-Based Clinical Reasoning, BMS 6836. Co-facilitate a small group of first-year students in a problem-based learning format. 2010 – present.

Evidence-Based Clinical Reasoning, BMS 6837. Co-facilitate a small group of second-year students in a problem-based learning format. 2011 – present.

New Courses Developed:

- | | |
|------|---|
| 2001 | Women's Health – A Lifespan Perspective, MEL 8266 - an elective for fourth year medical students regarding women's health across their lifespan. My involvement was in the child and adolescent portion of the lifespan. Developed didactics, clinical experiences, reading assignments, and discussion assignments for the students. Led small group discussion. |
| 2004 | Third-Year Primary Care Clerkship, BCC 7184. An interdisciplinary course involving experiences in family medicine, pediatrics, and general internal medicine, as well as incorporating women's and men's health issues, patients with disabilities, geriatric care and adolescent care. A multidisciplinary experience for students – 16 weeks in length. |
| 2007 | Scholarly Concentration in Education – participated in the steering committee that developed this educational program for interested students that spans the four years of medical school. Including planning journal club, educational activities, recruitment and mentoring. |
| 2011 | SELECT Prologue, BMS 6051. A course introducing first year SELECT students to the concepts of the leadership program, including principles |

of emotional intelligence in leadership, patient-centered care, and health systems and patient safety. Provided introduction to learning activities and learning groups to be utilized for the entire year. Developed course, created schedule, oriented faculty, created groups, participated in discussions, facilitated small groups.

- 2011 SELECT Professional Development, BMS 6890. A course designed to build upon the concepts introduced in Prologue. Course activities included large group learning modules, small group coaching sessions with faculty facilitators, one-on-one peer coaching sessions, and one-on-one faculty coaching sessions. Planned educational sessions, provided orientations and faculty development sessions, feedback sessions, evaluation of student assignments.
- 2012 SELECT Summer Immersion, BMS 6944. A summer course for SELECT students designed to build upon the year 1 foundations. Students select a mentor and a project for the summer. The project must meet specific SELECT objectives. Students participate in various e-learning activities as well. Planned educational activities, created objectives, guidelines for students and mentors, provided orientation and faculty development.

Innovative Methods:

- 2002 Development of Weight Loss Group program at Brandon Outreach Clinic: interdisciplinary (psychology and 3rd year medical students) approach to weight loss for overweight and obese patients in an underserved clinical setting. Bimonthly group meetings held for patients to lose weight. Provided small informational talks for patients, oversaw students who also provided talks and spent one-on-one time with each patient in a more private setting. Led debriefing sessions with students. Eventually incorporated psychology students, who began leading the Group sessions.
- 2002 Development of web-based presentations in Physical Diagnosis I and II: Examination of the Pediatric Patient; Examination of the Geriatric Patient.
- 2007 Participation in new interviewing technique for Honors Program students applying to the medical school; the McMaster's Interview OSCE.
- 2006 - 2008 Pilot Project with National Board of Medical Examiners and Case Western Reserve University: development of new standardized testing format for third year clerkship students. Progress testing, in which students are tested at regular intervals and their knowledge progression in clerkship subjects is assessed.

2009-2011 Development of innovative curriculum for new USF SELECT program, incorporating principles of leadership, health systems, patient-centered values.

GRANTS AND CONTRACTS

Principal Investigator, "Family Medicine Third-Year Clerkship and Fourth-Year Electives." Amount funded: \$27,297; Dates: 7/1/2002 – 6/30/2003. Source: Florida Area Health Education Center

Principal Investigator, "Family Medicine Third-Year Clerkship and Fourth-Year Electives." Amount funded: \$23,876; Dates: 7/1/2003 – 6/30/2004. Source: Florida Area Health Education Center

Principal Investigator, "Family Medicine Third-Year Clerkship and Fourth-Year Electives." Amount funded: \$23,338; Dates: 7/1/2004 – 6/30/2005. Source: Florida Area Health Education Center

Principal Investigator, "Novel Student Assessment in Cultural Competency Using a Clinical Performance Examination Station." Amount funded: \$5220. Dates: May 2005-June 2006. Source: Center for 21st Century Teaching Excellence

Principal Investigator, "Third-Year Clerkship and Public Sector Medicine Program." Amount funded: \$117,500; Dates: 7/1/2005-6/30/2006. Source: Florida Area Health Education Center

Principal Investigator, "Third-Year Clerkship and Public Sector Medicine Program." Amount funded: \$100,000; Dates: 7/1/2006-6/30/2007. Source: Florida Area Health Education Center

Principal Investigator, "Third-Year Clerkship and Public Sector Medicine Program." Amount funded: \$70,000; Dates: 7/1/2007-6/30/2008. Source: Florida Area Health Education Center

Principal Investigator, "Third-Year Clerkship and Public Sector Medicine Program." Amount funded: \$70,000; Dates: 7/1/2008-6/30/2009. Source: Florida Area Health Education Center

Principal Investigator, "Third-Year Clerkship and Public Sector Medicine Program." Amount funded: \$70,000; Dates: 7/1/2009-6/30/2010. Source: Florida Area Health Education Center

Principal Investigator, "Third-Year Clerkship and Public Sector Medicine Program." Amount funded: \$40,000; Dates: 7/1/2010-6/30/2011. Source: Florida Area Health Education Center

Education Center

RESEARCH AND CREATIVE ACTIVITY

Publications:

Coris E, **Zwygart K**, Fletcher M, Pescasio M. Imaging in Sports Medicine: An Overview. Sports Medicine and Arthroscopy Review; 2009 March; 17(1):2-12.

Coris E, Mehra S, Walz S, Duncanson R, Jennings J, Nugent D, **Zwygart K**, Pescasio M. Gastrointestinal Temperature Trends in Football Linemen During Physical Exertion Under Heat Stress. Southern Medical Journal, May 7, 2009.

Coris E, Fletcher M, Pescasio M, Renelus D, **Zwygart K**. Imaging in Sports Medicine - An Overview. US Musculoskeletal Review, Vol 5, 2010.

Johns T, Lawrence E, Martini L, Dunn G, Thompson Z, **Zwygart K**. Smoking Cessation in Family Medicine: Effects of an Area Health Education Center Training Program. Journal of Graduate Medical Education, June 2010.

Coris E, Pescasio M, **Zwygart K**, Gonzalez E, Farrar T, Bryan S, Konin J, McElroy T. Office-Based Ultrasound in Sports Medicine Practice. Clinical journal of sport medicine: official journal of the Canadian Academy of Sport Medicine. 21(1): 57-61, 2011.

Woodard LJ, Haverkamp SM, **Zwygart KK**, Perkins EA. An Innovative Clerkship Module Focused on Patients With Disabilities. Academic Medicine, Vol. 87, No. 4, April 2012.

Book Chapters:

Zwygart, K. —Sexually Transmitted Diseases.” Chapter in: *Family Medicine Clerkship Guide*, Paul Paulman (ed.). First Edition. Elsevier Inc. 2005

Zwygart, K, Finley, B, and Paulman, A. —Vaginal Bleeding.” Chapter in: *Family Medicine Clerkship Guide*, Paul Paulman (ed.). First Edition. Elsevier Inc. 2005

Zwygart, K. —Parkinsonism.” Chapter in: *Essentials of Family Practice*, Robert Rakel (ed.). Third Edition. W.B. Saunders Company, Philadelphia, PA. 2006

Zwygart K, Urbano J. —Dysidrosis.” Chapter in: *The 5-Minute Clinical Consult 2010*, Frank J Domino (ed.). 18th Edition. Lipincott Williams & Wilkins. 2009

Zwygart K, Quarberg R. —Dysidrosis.” Chapter in: *The 5-Minute Clinical Consult*, Frank J Domino (ed.). 19th Edition. Lipincott Williams & Wilkins. 2010

Coris E, Walz S, Curtis A, Sahebzamani F, **Zwygart K**. –Sudden Cardiac Death in Athletics: Scope of the Problem and Emergency Response.” Chapter in: *Sports Cardiology Essentials*, Christine Lawless (ed). Springer Science+Business Media, New York NY. 2011

Peer Reviewed Abstracts/Posters:

Coris EE, Edmonds A, Curski N, **Zwygart K**, Sahebzamani FM. Low bone mass in elite female athletes. Published in the Proceedings of the IOF World Congress on Osteoporosis, Toronto, Canada, June 2-6, 2006.

Zwygart K, Roetzheim R, Sneed K, Kotun D, Gonzalez EC. Screening of men for osteoporosis in a primary care setting. Family Practice Research Poster Presentation Florida Academy of Family Physicians, Practicing Physician, Resident, and Student Member Research Poster Presentation. 97th Family Medicine Weekend. November 10-12, 2006. Hilton Sandestin Beach Resort, Destin, Florida.

Woodard LJ, **Zwygart KK**. Home Visits Analyzed: Are Medical Student Views about People with Disabilities Transformed? Family Medicine Digital Resource Library, 2007. Available from: <http://www.fmdrl.org/1099>.

Zwygart KK, Woodard LJ. Educating Students about the Care of Patients with Disabilities. Family Medicine Digital Resource Library, 2007. Available from: <http://www.fmdrl.org/927>.

Schocken DM, Graffam B, **Zwygart K**, Wallach PM. Novel Student Assessment in Cultural Competency Using Clinical Performance Examination Stations. ASPE (Association of Standardized Patient Educators) Juried Abstracts, Vol. 4, June 2007.

Coris E, Mehra S, Walz S, Marchese D, Medidi S, Ashley C, Konin J, Nugent D, Jennings J, Pescasio M, Brar T, **Zwygart K**. Heat Illness Symptom Index Scale In Football Players Predictive Of Elevated Gi Temperature In Subsequent Practice. *Medicine and Science in Sports and Exercise*. Vol. 41:5 Supplement. 2009

Research /Scholarly Awards:

2006 Second Prize, Family Medicine Research Poster Presentation Florida Academy of Family Physicians, Practicing Physician, Resident, and Student Member Research Poster Presentation. 97th Family Medicine Weekend. November 10-12, 2006. Hilton Sandestin Beach Resort, Destin, Florida.

Other Research-Related Activities:

2005-2009 Journal Article Reviewer, *Annals of Family Medicine*.

Presentations

Invited Presentations:

Gonzalez EC, Ramirez A, **Zwygart KK**. Medical Student Education in a Residency. Bayfront Family Practice Residency, Noon Conference. August 23, 2004. St. Petersburg, FL.

Gonzalez EC, Ramirez A, **Zwygart KK**. Involvement of Residents in Medical Student Education. Workshop held at the 2004 Family Practice Review, Bayfront Family Practice Residency. March 23, 2004. St. Petersburg, Florida. Tradewinds Island Grand Resort.

Abstract Presentations:

Zwygart KK. Self Treatment of Bacterial Vaginosis with Hydrogen Peroxide. University of North Carolina Family Practice Residency. June, 2003. Chapel Hill, NC.

Woodard LJ, **Zwygart KK**, Graffam B. Home Visits Analyzed: Are Medical students' Views of People With Disabilities Transformed? 40th Society of Teachers of Family Medicine Annual Spring Conference. April, 2007. Chicago, IL.

Zwygart K, Roetzheim R, Sneed K, Kotun D, Gonzalez EC. Are Elderly Men Screened for Osteoporosis? Scientific Assembly of the American Academy of Family Physicians. October 3-6, 2007. Chicago, IL.

Poster Presentations:

Coris EE, Edmonds A, Curski N, **Zwygart K**, Sahebzamani FM. Low bone mass in elite female athletes. IOF World Congress on Osteoporosis, Toronto, Canada, June 2-6, 2006.

Zwygart KK, Woodard LJ. Educating Students about the Care of Patients with Disabilities. 33rd Annual Society of Teachers of Family Medicine Predoctoral Education Conference. January, 2007. Memphis, TN.

Woodard LJ, **Zwygart KK**, Hess J. Teaching Medical Students about Caring for People with Disabilities. Annual Meeting of American Association of Intellectual and Developmental Disabilities (formerly AAMR). May 22-23, 2007. Atlanta, Georgia.

Zwygart KK, Roetzheim RR, Sneed KB, Kotun D, Gonzalez EC. Screening of Men for Osteoporosis in a Primary Care Setting. 35th Annual Meeting of the North American Primary Care Research Group. October 20-23, 2007. Vancouver, British Columbia.

Spoto-Cannons, A.C., Bowers, L.A., Gonzalez, E.C., Schocken, D., and **Zwygart, K.** —Becoming Teachers: A Longitudinal Approach to Prepare Medical Students” Florida Medical Association Annual Meeting July 31-August 3, 2008. Orlando, FL.

Coris E, Mehra S, Walz S, Marchese D, Medidi S, Ashley C, Konin J, Nugent D, Jennings J, Pescasio M, Brar T, **Zwygart K.** —Heat Illness Symptom Index Scale In Football Players Predictive Of Elevated Gi Temperature In Subsequent Practice” American College of Sports Medicine Annual Meeting May 27-30, 2009. Seattle, Washington.

Other Presentations:

Zwygart KK. Clinical education of medical students. Presentation to visiting Kyrgyzstan doctors. June, 2002. Tampa, FL.

Zwygart KK. Education of medical students in Family Medicine at the USFCOM. Presentation to visiting physicians from the World Organization of National Colleges, Academies and Academic Associations of General Practitioners/Family Physicians (WONCA). October 12, 2004. Tampa, FL.

Gonzalez EC, Brownlee HJ, **Zwygart KK**, Coris E. What is Family Medicine? Primary Care Week 2004. Area Health Education Center, University of South Florida College of Medicine, October 18, 2004. Tampa, FL.

Zwygart KK. The Musculoskeletal System: Keeping Your Bones, Muscles, and Joints Healthy. Presentation to women’s health group in Hillsborough County Government Office. December, 2004. Tampa, Florida.

Zwygart KK. Primary Care Clerkship. Presentation to USFCOM curriculum committee. December, 2004. Tampa, Florida.

Zwygart KK. Preserving Family Medicine in a Medical School Curricular Reform. 33rd Annual Society of Teachers of Family Medicine Predoctoral Education Conference. January, 2007. Memphis, TN.

Zwygart KK, Woodard LJ, Graffam B. Using Qualitative Research to Make Sense of Student Narratives. 40th Society of Teachers of Family Medicine Annual Spring Conference. April, 2007. Chicago, IL.

Schocken DM, Graffam B, **Zwygart K**, Wallach PM. Novel Student Assessment in Cultural Competency Using Clinical Performance Examination Stations. ASPE

(Association of Standardized Patient Educators) International Annual Meeting, Toronto, Canada, June 2007.

Spoto-Cannons A, Bowers L, Dabrow S, Joyce P, Cannarozzi M, **Zwygart K**. How to Make Brief Structured Observation Work for You. Council on Medical Student Education in Pediatrics Annual Meeting, Baltimore, MD, May 2009.

Cannarozzi M, **Zwygart K**, Bogner B, Mazotti L. Successes and Challenges of the Integrated Clerkship—An Institutional Perspective. Clerkship Directors in Internal Medicine (CDIM) National Meeting, Philadelphia, PA, October 2009.

Keister D, **Zwygart K**. Pioneering Partnerships in Primary Care to Augment Medical Student Competency in Patient-centered Medical Home Principles. Seminar presented at: Society of Teachers of Family Medicine Annual Spring Conference, Vancouver, BC, April 2010.

Zwygart KK, Woodard LJ, Brooks BA, Havercamp S. Assessment Tools for Measuring Students' Ability to Care for Patients with Disabilities and Preliminary Outcomes. Presented at 37th annual Society of Teachers of Family Medicine Conference on Medical Student Education, Houston, TX, January 2011.

Zwygart KK, Burriss J. Transforming Healthcare: Partnerships to Enhance Quality of Life. Presented at the 45th annual Society of Teachers of Family Medicine Spring Conference, Seattle, WA, April 2012.

SERVICE

Service to the University

2001 – 2002	Kyrgyz State Medical Academy partnership – involved in hosting, planning, creating workshops, providing information regarding medical education to visiting physicians
2002 – present	Member, Third Year Clerkship Director Committee, USFCOM
2002 – present	Member, Academic Performance Review Committee, USFCOM
2002 – present	Advisor for the Family Medicine Interest Group, USFCOM
2002 - present	Faculty Advisor to Third and Fourth Year Medical Students, USFCOM Office of Student Affairs
2003 - 2010	Interviewer, Medical School Applicants for the USFCOM, Office of Admissions
2003 – present	Volunteer, USF Sports Medicine - provided preparticipation physical exams for USF athletes, Tampa, Florida
2004	Participant, Curriculum Committee Retreat, USFCOM
2004	Chair, Primary Care Clerkship PACE subcommittee, USFCOM
2004	Participant, PACE Retreat, USFCOM
2004	Member Clerkship Directors PACE group, USFCOM

2004 - present	Member, Curriculum Committee, USF College of Medicine (COM)
2008 – 2011	Chair, Curriculum Committee, USF COM
2006	Member, LCME Self-study Committee IV: Educational Program Leading to the MD Degree
2006 – 2008	Member, Scholarly Concentration in Education Steering Committee
2007	Interviewer, Honors College students for the USFCOM, Office of Admissions
2008	Member, Search Committee for Associate Dean of Undergraduate Medical Education
2009-2010	Member, Search Committee for Associate Dean/Chief Learning Officer for USF/Lehigh Valley Health Network
2009-present	Member, Executive Committee Planning Group
2010	Co-chair, Value-Based Patient Centered Care Curriculum Workgroup
2011	Member, President's Task Force on the —Exercise is Medicine on Campus" Initiative
2011 - present	Interviewer, Medical School Applicants for the USF SELECT Program, Office of Admissions

Service to Professions

1997 - present	Florida Academy of Family Physicians
1997 - present	American Academy of Family Physicians
2001 - present	Tampa General Hospital, Family Practice Department
2001 - present	The Society of Teachers of Family Medicine
2003 - 2006	Exam Reviewer, Family Practice Subject Examination Review, National Board of Medical Examiners
2005 – 2008	Journal Article Reviewer, <i>Annals of Family Medicine</i>
2010 – 2011	Final Exam Question Writer, fmCASES (web-based virtual patient cases for Family Medicine)

Service to the Community

2001 - present	Volunteer, Judeo-Christian Health Clinic - evaluate and treat indigent patients
2001 - present	Volunteer, Brandon Outreach Clinic - evaluate and treat indigent patients
2002 - 2003	Volunteer, Brandon Outreach Clinic – ran weight loss group for overweight and obese patients
2007	Volunteer, Back to School Wellness Event sponsored by Community Health Advocacy Partnership and City of Tampa Parks & Recreation Department
2006 - 2008	Volunteer, Back-to-School Health Fair for University Area Community Development Corporation – providing school physicals for uninsured patients

2007 - present Volunteer, USF BRIDGE clinic – health care for uninsured patients

APPENDIX A

TABLE 1-A (DRAFT)
PROJECTED HEADCOUNT FROM POTENTIAL SOURCES
(Baccalaureate Degree Program)

Source of Students (Non-duplicated headcount in any given year)*	Year 1		Year 2		Year 3		Year 4		Year 5	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE
Upper-level students who are transferring from other majors within the university**	0	0	0	0	0	0	0	0	0	0
Students who initially entered the university as FTIC students and who are progressing from the lower to the upper level***	0	0	0	0	0	0	0	0	0	0
Florida community college transfers to the upper level***	0	0	0	0	0	0	0	0	0	0
Transfers to the upper level from other Florida colleges and universities***	0	0	0	0	0	0	0	0	0	0
Transfers from out of state colleges and universities***	0	0	0	0	0	0	0	0	0	0
Other (Explain)***	0	0	0	0	0	0	0	0	0	0
Totals	0	0	0	0	0	0	0	0	0	0

* List projected annual headcount of students enrolled in the degree program. List projected yearly cumulative ENROLLMENTS instead of admissions.

** If numbers appear in this category, they should go DOWN in later years.

*** Do not include individuals counted in any PRIOR CATEGORY in a given COLUMN.

APPENDIX A
TABLE 1-B (DRAFT)
PROJECTED HEADCOUNT FROM POTENTIAL SOURCES
(Graduate Degree Program)

Source of Students (Non-duplicated headcount in any given year)*	Year 1		Year 2		Year 3		Year 4		Year 5	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE
Individuals drawn from agencies/industries in your service area (e.g., older returning students)	5	6.09	14	19.09	26	31.13	33	37.50	36	38.63
Students who transfer from other graduate programs within the university**	0	0	0	0	0	0	0	0	0	0
Individuals who have recently graduated from preceding degree programs at this university	8	9.75	21	28.84	38	44.84	47	53.22	51	54.72
Individuals who graduated from preceding degree programs at other Florida public universities	5	6.09	14	19.09	25	29.91	31	34.66	33	35.41
Individuals who graduated from preceding degree programs at non-public Florida institutions	0	0	0	0	0	0	0	0	0	0
Additional in-state residents***	0	0	0	0	0	0	0	0	0	0
Additional out-of-state residents***	2	2.44	6	8.13	11	13.34	14	15.72	15	16.09
Additional foreign residents***	0	0	0	0	0	0	0	0	0	0
Other (Explain)***	0	0	0	0	0	0	0	0	0	0
Totals	20	24.37	55	75.15	100	119.22	125	141.1	135	144.85

* List projected annual headcount of students enrolled in the degree program. List projected yearly cumulative ENROLLMENTS instead of admissions.

** If numbers appear in this category, they should go DOWN in later years.

*** Do not include individuals counted in any PRIOR category in a given COLUMN.

**** Due to the program length of 27 months, headcount numbers represent unduplicated students in the program for the fiscal year.

APPENDIX A
TABLE 2 (DRAFT)
PROJECTED COSTS AND FUNDING SOURCES

Instruction & Research Costs (non-cumulative)	Year 1							Year 5					
	Funding Source						Subtotal E&G, Auxiliary, and C&G	Funding Source					Subtotal E&G, Auxiliary, and C&G
	Reallocated Base* (E&G)	Enrollment Growth (E&G)	Other New Recurring (E&G)	New Non-Recurring (E&G)	Contracts & Grants (C&G)	Auxiliary Funds		Continuing Base** (E&G)	New Enrollment Growth (E&G)	Other*** (E&G)	Contracts & Grants (C&G)	Auxiliary Funds	
Faculty Salaries and Benefits	0	176,142	597,714	0	0	0	\$773,856	2,190,107	162,476	0	0	0	\$2,352,583
A & P Salaries and Benefits	0	112,536	381,875	0	0	0	\$494,411	886,785	65,787	0	0	0	\$952,572
USPS Salaries and Benefits	0	10,295	34,936	0	0	0	\$45,231	110,780	8,218	0	0	0	\$118,998
Other Personal Services	0	0	0	0	0	0	\$0	0	0	0	0	0	\$0
Assistantships & Fellowships	0	0	0	0	0	0	\$0	0	0	0	0	0	\$0
Library	0	0	0	0	0	0	\$0	0	0	0	0	0	\$0
Expenses	0	36,650	124,368	0	0	0	\$161,018	414,714	30,766	0	0	0	\$445,480
Operating Capital Outlay	0	6,220	21,107	0	0	0	\$27,327	50,300	3,732	0	0	0	\$54,032
Special Categories	0	0	0	0	0	0	\$0	0	0	0	0	0	\$0
Total Costs	\$0	\$341,843	\$1,160,000	\$0	\$0	\$0	\$1,501,843	\$3,652,686	\$270,979	\$0	\$0	\$0	\$3,923,665

*Identify reallocation sources in Table 3.

**Includes recurring E&G funded costs ("reallocated base," "enrollment growth," and "other new recurring") from Years 1-4 that continue into Year 5.

***Identify if non-recurring.

Faculty and Staff Summary

Total Positions	Year 1	Year 5
Faculty (person-years)	5.1	17.48
A & P (FTE)	7.95	8.95
USPS (FTE)	1	1.5

Calculated Cost per Student FTE

	Year 1	Year 5
Total E&G Funding	\$1,501,843	\$3,923,665
Annual Student FTE	24.37	144.85
E&G Cost per FTE	\$61,627	\$27,088

APPENDIX A

TABLE 3 (DRAFT)
ANTICIPATED REALLOCATION OF EDUCATION & GENERAL FUNDS*

Program and/or E&G account from which current funds will be reallocated during Year 1	Base before reallocation	Amount to be reallocated	Base after reallocation
	0	0	\$0
	0	0	\$0
	0	0	\$0
	0	0	\$0
	0	0	\$0
	0	0	\$0
	0	0	\$0
	0	0	\$0
	0	0	\$0
	0	0	\$0
	0	0	\$0
	0	0	\$0
	0	0	\$0
	0	0	\$0
	0	0	\$0
	0	0	\$0
	0	0	\$0
	0	0	\$0
	0	0	\$0
Totals	\$0	\$0	\$0

* If not reallocating funds, please submit a zeroed Table 3

APENDIX A

TALE 4 (DRAT)
ATICIPAED FAULTY PATICIPAION

Faculty Code	Faculty Name or "New Hire" Highest Degree Held Academic Discipline or Speciality	Rank	Contract Status	Initial Date for Participation in Program	Mos. Contract Year 1	FTE Year 1	% Effort for Prg. Year 1	PY Year 1	Mos. Contr act Year 5	FTE Year 5	% Effort for Prg. Year 5	PY Year 5
C	TBD (Program Director), PA Physicians Assistant	TBD		Spring 2013	12	1.00	1.00	1.00	12	1.00	1.00	1.00
A	Dr. Allan Goldman (Medical Director), MD Internal Medicine	Professor	Tenure	Spring 2013	12	1.00	0.25	0.25	12	1.00	0.25	0.25
C	TBD, PA, Didactic Coordinator Physicians Assistant	TBD		Fall 2013	12	1.00	1.00	1.00	12	1.00	1.00	1.00
A	William Johnson, PhD Physiology	TBD	Tenure	Fall 2015	12	1.00	0.60	0.60	12	1.00	0.60	0.60
A	Angela Massey-Hill, PharmD Pharmacology	Professor	Tenure	Fall 2015	12	1.00	0.20	0.20	12	1.00	0.20	0.20
A	Thomas Gest, Ph,D Anatomy	Assoc. Prof.	Tenure	Summer 2015	12	1.00	0.15	0.15	12	1.00	0.15	0.15
A	Chuck Preuss, PhD Pharmacology	Assoc. Prof.	Tenure	Fall 2015	12	1.00	0.20	0.20	12	1.00	0.20	0.20
A	Ambuj Kumar, MD Internal Medicine	Professor	Tenure	Fall 2015	12	1.00	0.10	0.10	12	1.00	0.10	0.10
A	Mudra Kumar, MD Pediatrics	Professor	Tenure	Summer 2015	12	1.00	0.60	0.60	12	1.00	0.60	0.60
C	TBD, PA Physicians Assistant	TBD	TBD	Fall 2016	0	0.00	0.00	0.00	12	1.00	1.00	1.00
C	TBD, PA Physicians Assistant	TBD	TBD	Fall 2017	0	0.00	0.00	0.00	12	1.00	1.00	1.00
C	TBD (Clinical Coordinator), PA Physicians Assistant	TBD	TBD	Fall 2013	12	1.00	1.00	1.00	12	1.00	1.00	1.00
A	Steve Goldin, MD Surgery	Assoc. Prof.	Tenure	Fall 2016	0	0.00	0.00	0.00	12	1.00	0.15	0.15
A	TBD, MD Surgery	TBD	Tenure	Fall 2016	0	0.00	0.00	0.00	12	1.00	0.15	0.15

Faculty Code	Faculty Name or "New Hire" Highest Degree Held Academic Discipline or Speciality	Rank	Contract Status	Initial Date for Participation in Program	Mos. Contract Year 1	FTE Year 1	% Effort for Prg. Year 1	PY Year 1	Mos. Contract Year 5	FTE Year 5	% Effort for Prg. Year 5	PY Year 5
A	TBD, MD Surgery	TBD	Tenure	Fall 2016	0	0.00	0.00	0.00	12	1.00	0.15	0.15
A	TBD, MD Surgery	TBD	Tenure	Fall 2017	0	0.00	0.00	0.00	12	1.00	0.15	0.15
A	TBD, MD Surgery	TBD	Tenure	Fall 2017	0	0.00	0.00	0.00	12	1.00	0.15	0.15
A	TBD, MD Surgery	TBD	Tenure	Fall 2018	0	0.00	0.00	0.00	12	1.00	0.15	0.15
A	Kevin O'Brien, MD Internal Medicine	Assoc. Prof.	Tenure	Fall 2016	0	0.00	0.00	0.00	12	1.00	0.15	0.15
A	Fredrick Slone, MD Internal Medicine	Assist. Prof.	Tenure	Fall 2016	0	0.00	0.00	0.00	12	1.00	0.15	0.15
A	Vinita Kiluk, MD Internal Medicine	Assist. Prof.	Tenure	Fall 2016	0	0.00	0.00	0.00	12	1.00	0.15	0.15
A	TBD, MD Internal Medicine	TBD	Tenure	Fall 2017	0	0.00	0.00	0.00	12	1.00	0.15	0.15
A	TBD, MD Internal Medicine	TBD	Tenure	Fall 2017	0	0.00	0.00	0.00	12	1.00	0.15	0.15
A	TBD, MD Internal Medicine	TBD	Tenure	Fall 2018	0	0.00	0.00	0.00	12	1.00	0.15	0.15
A	Jennifer Cox, MD Critical Care	Assist. Prof.	Tenure	Fall 2016	0	0.00	0.00	0.00	12	1.00	0.15	0.15
A	TBD, MD Critical Care	TBD	Tenure	Fall 2016	0	0.00	0.00	0.00	12	1.00	0.15	0.15
A	TBD, MD Critical Care	TBD	Tenure	Fall 2016	0	0.00	0.00	0.00	12	1.00	0.15	0.15
A	TBD, MD Critical Care	TBD	Tenure	Fall 2017	0	0.00	0.00	0.00	12	1.00	0.15	0.15
A	TBD, MD Critical Care	TBD	Tenure	Fall 2017	0	0.00	0.00	0.00	12	1.00	0.15	0.15
A	TBD, MD Critical Care	TBD	Tenure	Fall 2018	0	0.00	0.00	0.00	12	1.00	0.15	0.15
A	Deborah Roth, MD Psychiatry	Assoc. Prof.	Tenure	Fall 2016	0	0.00	0.00	0.00	12	1.00	0.15	0.15

Faculty Code	Faculty Name or "New Hire" Highest Degree Held Academic Discipline or Speciality	Rank	Contract Status	Initial Date for Participation in Program	Mos. Contract Year 1	FTE Year 1	% Effort for Prg. Year 1	PY Year 1	Mos. Contract Year 5	FTE Year 5	% Effort for Prg. Year 5	PY Year 5
A	TBD, MD Psychiatry	TBD	Tenure	Fall 2016	0	0.00	0.00	0.00	12	1.00	0.15	0.15
A	TBD, MD Psychiatry	TBD	Tenure	Fall 2016	0	0.00	0.00	0.00	12	1.00	0.15	0.15
A	TBD, MD Psychiatry	TBD	Tenure	Fall 2017	0	0.00	0.00	0.00	12	1.00	0.15	0.15
A	TBD, MD Psychiatry	TBD	Tenure	Fall 2017	0	0.00	0.00	0.00	12	1.00	0.15	0.15
A	TBD, MD Psychiatry	TBD	Tenure	Fall 2018	0	0.00	0.00	0.00	12	1.00	0.15	0.15
A	Benjamin Djubegovic, MD Internal Medicine (Elective Preceptor)	Professor	Tenure	Fall 2016	0	0.00	0.00	0.00	12	1.00	0.23	0.23
A	TBD, MD TBD, Elective Preceptor	TBD	Tenure	Fall 2016	0	0.00	0.00	0.00	12	1.00	0.23	0.23
A	TBD, MD TBD, Elective Preceptor	TBD	Tenure	Fall 2016	0	0.00	0.00	0.00	12	1.00	0.23	0.23
A	TBD, MD TBD, Elective Preceptor	TBD	Tenure	Fall 2017	0	0.00	0.00	0.00	12	1.00	0.23	0.23
A	TBD, MD TBD, Elective Preceptor	TBD	Tenure	Fall 2017	0	0.00	0.00	0.00	12	1.00	0.23	0.23
A	TBD, MD TBD, Elective Preceptor	TBD	Tenure	Fall 2018	0	0.00	0.00	0.00	12	1.00	0.23	0.23
A	Kira Zwygart, MD Family Medicine	Assoc. Prof.	Tenure	Fall 2016	0	0.00	0.00	0.00	12	1.00	0.45	0.45
A	Janelle Pegg, MD Family Medicine	Assist. Prof.	Tenure	Fall 2016	0	0.00	0.00	0.00	12	1.00	0.45	0.45
A	TBD Family Medicine	TBD	Tenure	Fall 2016	0	0.00	0.00	0.00	12	1.00	0.45	0.45
A	TBD Family Medicine	TBD	Tenure	Fall 2017	0	0.00	0.00	0.00	12	1.00	0.45	0.45
A	TBD Family Medicine	TBD	Tenure	Fall 2017	0	0.00	0.00	0.00	12	1.00	0.45	0.45
A	TBD Family Medicine	TBD	Tenure	Fall 2018	0	0.00	0.00	0.00	12	1.00	0.45	0.45

Worksheet Table 4 Faculty

Faculty Code	Faculty Name or "New Hire" Highest Degree Held Academic Discipline or Speciality	Rank	Contract Status	Initial Date for Participation in Program	Mos. Contract Year 1	FTE Year 1	% Effort for Prg. Year 1	PY Year 1	Mos. Contract Year 5	FTE Year 5	% Effort for Prg. Year 5	PY Year 5
A	Shelly Holmstrom, MD Obstetrics and Gynocology	Assoc. Prof.	Tenure	Fall 2016	0	0.00	0.00	0.00	12	1.00	0.45	0.45
A	TBD Obstetrics and Gynocology	TBD	Tenure	Fall 2016	0	0.00	0.00	0.00	12	1.00	0.45	0.45
A	TBD Obstetrics and Gynocology	TBD	Tenure	Fall 2016	0	0.00	0.00	0.00	12	1.00	0.45	0.45
A	TBD Obstetrics and Gynocology	TBD	Tenure	Fall 2017	0	0.00	0.00	0.00	12	1.00	0.45	0.45
A	Amanda, Trimble, PA Physicians Assistant	Instructor	TBD	Fall 2017	0	0.00	0.00	0.00	12	1.00	0.45	0.45
A	Larry Collins, PA Physicians Assistant	Instructor	TBD	Fall 2018	0	0.00	0.00	0.00	12	1.00	0.45	0.45
Total Person-Years (PY)								5.10				17.48

Faculty Code		Source of Funding	PY Workload by Budget Classification		
			Year 1		Year 5
A	Existing faculty on a regular line	Current Education & General Revenue	1.50		11.88
B	New faculty to be hired on a vacant line	Current Education & General Revenue	0.00		0.00
C	New faculty to be hired on a new line	New Education & General Revenue	3.60		5.60
D	Existing faculty hired on contracts/grants	Contracts/Grants	0.00		0.00
E	New faculty to be hired on contracts/grants	Contracts/Grants	0.00		0.00
Overall Totals			Year 1	5.10	Year 5 17.48