Board of Governors, State University System of Florida

Request to Offer a New Degree Program

University of South Florida
University Submitting Proposal: May 2015

Morsani College of Medicine
Name of College(s) or School(s): Internal Medicine
Name of Department(s)/Division(s): Master’s Degree in Physician Assistant Studies

Physician’s Assistant
Academic Specialty or Field: Complete Name of Degree

51.0912
Proposed CIP Code

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

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).

<table>
<thead>
<tr>
<th>Implementation Timeframe</th>
<th>Projected Enrollment (From Table 1)</th>
<th>Projected Program Costs (From Table 2)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>HC</td>
<td>FTE</td>
</tr>
<tr>
<td>Year 1</td>
<td>20</td>
<td>24</td>
</tr>
<tr>
<td>Year 2</td>
<td>55</td>
<td>75</td>
</tr>
<tr>
<td>Year 3</td>
<td>100</td>
<td>119</td>
</tr>
<tr>
<td>Year 4</td>
<td>125</td>
<td>141</td>
</tr>
<tr>
<td>Year 5</td>
<td>135</td>
<td>145</td>
</tr>
</tbody>
</table>

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.
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. Concomitantly, 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 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.”

   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.

The occupational group with the most online ads in July 2012 (as compiled by the Help Wanted OnLine™ 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.
3. Science, Technology, Engineering, and Math (STEM)
### STEM Jobs In Demand, Statewide Summary—July 2012

#### STEM Occupational Demand by Major Groups

<table>
<thead>
<tr>
<th>Major Group</th>
<th>Online Ads July 2012</th>
<th>Online Ads July 2011</th>
<th>Percentage Change</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Healthcare Practitioners and Technical Occupations</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Registered Nurses</td>
<td>17,553</td>
<td>14,063</td>
<td>23.3%</td>
</tr>
<tr>
<td>Physician Assistants</td>
<td>1,023</td>
<td>647</td>
<td>53.8%</td>
</tr>
<tr>
<td>Family and General Practitioners</td>
<td>764</td>
<td>857</td>
<td>-11.6%</td>
</tr>
<tr>
<td><strong>Computer and Mathematical Occupations</strong></td>
<td>25,164</td>
<td>21,563</td>
<td>16.7%</td>
</tr>
<tr>
<td>Web Developers</td>
<td>4,786</td>
<td>3,694</td>
<td>18.4%</td>
</tr>
<tr>
<td>Computer Systems Analysts</td>
<td>4,348</td>
<td>3,713</td>
<td>16.9%</td>
</tr>
<tr>
<td>Computer Support Specialists</td>
<td>3,135</td>
<td>2,892</td>
<td>8.2%</td>
</tr>
<tr>
<td><strong>Business and Financial Operations Occupations</strong></td>
<td>5,168</td>
<td>4,276</td>
<td>20.9%</td>
</tr>
<tr>
<td>Accountants</td>
<td>3,041</td>
<td>2,533</td>
<td>20.1%</td>
</tr>
<tr>
<td>Financial Analysts</td>
<td>857</td>
<td>685</td>
<td>25.6%</td>
</tr>
<tr>
<td>Auditors</td>
<td>772</td>
<td>674</td>
<td>14.7%</td>
</tr>
<tr>
<td><strong>Architecture and Engineering Occupations</strong></td>
<td>5,152</td>
<td>5,276</td>
<td>-2.3%</td>
</tr>
<tr>
<td>Industrial Engineers</td>
<td>1,362</td>
<td>1,443</td>
<td>-5.5%</td>
</tr>
<tr>
<td>Electrical Engineers</td>
<td>624</td>
<td>657</td>
<td>-5.1%</td>
</tr>
<tr>
<td>Mechanical Engineers</td>
<td>611</td>
<td>652</td>
<td>-6.1%</td>
</tr>
<tr>
<td><strong>Management Occupations</strong></td>
<td>3,969</td>
<td>3,759</td>
<td>5.6%</td>
</tr>
<tr>
<td>Financial Managers, Branch or Department</td>
<td>1,831</td>
<td>1,848</td>
<td>-0.4%</td>
</tr>
<tr>
<td>Computer and Information Systems Managers</td>
<td>979</td>
<td>833</td>
<td>16.8%</td>
</tr>
<tr>
<td>Treasurers and Controllers</td>
<td>464</td>
<td>390</td>
<td>18.5%</td>
</tr>
<tr>
<td><strong>Life, Physical, and Social Science Occupations</strong></td>
<td>871</td>
<td>833</td>
<td>4.6%</td>
</tr>
<tr>
<td>Medical Scientists, Except Epidemiologists</td>
<td>403</td>
<td>425</td>
<td>-5.2%</td>
</tr>
<tr>
<td>Biological Technicians</td>
<td>99</td>
<td>93</td>
<td>6.5%</td>
</tr>
<tr>
<td>Chemists</td>
<td>83</td>
<td>74</td>
<td>12.7%</td>
</tr>
<tr>
<td><strong>Education, Training, and Library Occupations</strong></td>
<td>749</td>
<td>798</td>
<td>-6.1%</td>
</tr>
<tr>
<td>Health specialties Teachers, Postsecondary</td>
<td>200</td>
<td>281</td>
<td>-28.7%</td>
</tr>
<tr>
<td>Nursing Instructors and Teachers, Postsecondary</td>
<td>165</td>
<td>158</td>
<td>4.4%</td>
</tr>
<tr>
<td>Biological Science Teachers, Postsecondary</td>
<td>80</td>
<td>89</td>
<td>-1.1%</td>
</tr>
<tr>
<td><strong>Sales and Related Occupations</strong></td>
<td>289</td>
<td>250</td>
<td>15.6%</td>
</tr>
<tr>
<td>Sales Engineers</td>
<td>289</td>
<td>250</td>
<td>15.6%</td>
</tr>
<tr>
<td><strong>Installation, Maintenance, and Repair Occupations</strong></td>
<td>247</td>
<td>233</td>
<td>6.0%</td>
</tr>
<tr>
<td>Medical Equipment Repairers</td>
<td>151</td>
<td>152</td>
<td>0.6%</td>
</tr>
<tr>
<td>Electrical and Electronics Repairers, Commercial and Industrial</td>
<td>60</td>
<td>32</td>
<td>87.5%</td>
</tr>
<tr>
<td>Computer, Automated Teller, and Office Machine Repairers</td>
<td>36</td>
<td>49</td>
<td>-26.5%</td>
</tr>
<tr>
<td><strong>Arts, Design, Entertainment, Sports, and Media Occupations</strong></td>
<td>174</td>
<td>139</td>
<td>25.2%</td>
</tr>
<tr>
<td>Broadcast Technicians</td>
<td>121</td>
<td>98</td>
<td>22.7%</td>
</tr>
<tr>
<td>Commercial and Industrial Designers</td>
<td>33</td>
<td>25</td>
<td>15.4%</td>
</tr>
<tr>
<td>Sound Engineering Technicians</td>
<td>20</td>
<td>16</td>
<td>25%</td>
</tr>
<tr>
<td><strong>Production Occupations</strong></td>
<td>59</td>
<td>81</td>
<td>-27.2%</td>
</tr>
<tr>
<td>Numerical Tool and Process Control Programmers</td>
<td>58</td>
<td>81</td>
<td>-27.2%</td>
</tr>
<tr>
<td>Nuclear Power Reactor Operators</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Transportation and Material Moving Occupations</strong></td>
<td>8</td>
<td>12</td>
<td>-33.3%</td>
</tr>
<tr>
<td>Traffic Technicians</td>
<td>8</td>
<td>12</td>
<td></td>
</tr>
</tbody>
</table>

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 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.

<table>
<thead>
<tr>
<th>University of Florida</th>
<th>Public, Non-Profit</th>
<th>Gainesville</th>
</tr>
</thead>
<tbody>
<tr>
<td>NOVA Southeastern</td>
<td>Private</td>
<td>Ft. Lauderdale, Jacksonville, Fort Meyers</td>
</tr>
<tr>
<td>Barry University</td>
<td>Private</td>
<td>Miami Shores, St. Petersburg, St. Croix, Virgin Islands</td>
</tr>
<tr>
<td>Miami Dade</td>
<td>Public, Non-Profit</td>
<td>Miami</td>
</tr>
<tr>
<td>South University</td>
<td>Private, For-Profit</td>
<td>Tampa</td>
</tr>
<tr>
<td>Keiser University</td>
<td>Private, For-Profit</td>
<td>Ft. Lauderdale</td>
</tr>
<tr>
<td>University of St. Augustine for Health Sciences</td>
<td>Private</td>
<td>St. Augustine</td>
</tr>
</tbody>
</table>
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,
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.

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
January 7, 2013

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 workforce 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

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

**Events Leading to Implementation**
IV.

Program Implementation Activity

<table>
<thead>
<tr>
<th>Date</th>
<th>Implementation Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>July 2012 -</td>
<td>Program planning and development</td>
</tr>
<tr>
<td>November 2012</td>
<td></td>
</tr>
<tr>
<td>October 2012</td>
<td>Initial discussion with MCOM Curriculum Committee and Graduate Education Council</td>
</tr>
<tr>
<td>October 2012</td>
<td>MCOM Faculty Council</td>
</tr>
<tr>
<td>October 2012</td>
<td>APPCC review and approval</td>
</tr>
<tr>
<td>November 2012</td>
<td>MCOM Curriculum Committee and Graduate Education Council</td>
</tr>
<tr>
<td>December 2012</td>
<td>Pending: Graduate Council Approval</td>
</tr>
<tr>
<td></td>
<td>Pending: Academic Campus Environment (ACE) workgroup</td>
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<td></td>
<td>Pending: Review by ACE workgroup</td>
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<tr>
<td></td>
<td>Pending: Review by Board of Trustees</td>
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<td>Pending: Review of Board of Governors</td>
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<tr>
<td></td>
<td>Pending: Program implementation</td>
</tr>
</tbody>
</table>

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 be 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:
  o human anatomy with lab
  o physiology with lab
  o microbiology with lab
  o 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 - 7 credits**
- 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)
### 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:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
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<tbody>
<tr>
<td>PAS 6105</td>
<td>Rehabilitative Medicine</td>
</tr>
<tr>
<td>PAS 6110</td>
<td>Hematology And Oncology</td>
</tr>
<tr>
<td>PAS 6120</td>
<td>Neurology</td>
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<tr>
<td>PAS 6125</td>
<td>Psychiatry – Mental Health Care</td>
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<tr>
<td>PAS 6150</td>
<td>Nephrology</td>
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<tr>
<td>PAS 6160</td>
<td>Gastroenterology</td>
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<td>PAS 6170</td>
<td>Rheumatology</td>
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<td>PAS 6180</td>
<td>Pulmonology</td>
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<td>PAS 6181</td>
<td>Endocrinology</td>
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<tr>
<td>PAS 6182</td>
<td>Cardiology</td>
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<tr>
<td>PAS 6184</td>
<td>Infectious Disease</td>
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<tr>
<td>PAS 6190</td>
<td>Dermatology</td>
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<tr>
<td>PAS 6201</td>
<td>General Surgery II – Technical/Procedural Skills</td>
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<tr>
<td>PAS 6205r</td>
<td>Pediatric Surgery</td>
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<td>PAS 6210</td>
<td>Cardiovascular Surgery</td>
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<td>PAS 6220</td>
<td>Plastic Surgery</td>
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<td>PAS 6230</td>
<td>Trauma Surgery</td>
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<tr>
<td>PAS 6240</td>
<td>Orthopedic Surgery</td>
</tr>
<tr>
<td>PAS 6260</td>
<td>Neurosurgery</td>
</tr>
</tbody>
</table>
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](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.
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 attends 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
January 7, 2013

In the 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.

<table>
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<th>Books (by subject, 2000 or later)</th>
<th>Total</th>
<th>Online</th>
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<tr>
<td>Anatomy or Physiology</td>
<td>6,612</td>
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<td>Diagnostic Techniques and Procedures or Laboratory Techniques and Procedures</td>
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<td>Medical History Taking or Physical Examination</td>
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<tr>
<td>Pharmacotherapy or Drug Therapy or Pharmaceutical Preparations or Pharmacology</td>
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<table>
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<th>Journals (current subscriptions)</th>
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<tr>
<td>Physician Assistant specific related titles</td>
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<tr>
<td>Clinician Reviews</td>
</tr>
<tr>
<td>Internet Journal of Academic Physician Assistants</td>
</tr>
<tr>
<td>Journal of the American Academy of Physician Assistants (JAAPA)</td>
</tr>
<tr>
<td>Journal of Physician Assistant Education</td>
</tr>
<tr>
<td>Physician Assistants’ Prescribing Reference/MPR Monthly Prescribing Reference</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Medicine (general titles)</th>
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</thead>
<tbody>
<tr>
<td>AAMC Reporter</td>
</tr>
<tr>
<td>Academic Medicine</td>
</tr>
<tr>
<td>American journal of clinical medicine</td>
</tr>
</tbody>
</table>
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
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.
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:
11. Understanding the role of PAs in aftermath of Supreme Court decision on healthcare. http://manasara.medicalnewsinc.com/vitalsignscms1479
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)
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

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 Chair, Publications Committee, Florida Academy of Physician Assistants.
1989 - 90 Board of Directors - Student Academy of the American Academy of Physician Assistants.
1989 Assembly of Representatives - Student Academy of the 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.
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


BIBLIOGRAPHY – NON-PEER-REVIEWED


PRESENTATIONS


PRESENTATIONS (con’t)


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)
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)
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 1993-1994
Post Baccalaureate Studies
GPA 4.0/4.0
Bachelor of Science in Zoology 1987-1992
GPA 3.2/4.0

Licence 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
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


Presentations

Arterial Blood Gas Analysis 2011
Presentation to the Bone Marrow Unit Physician Assitants

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

Parasomnias for Sleep Medicine Board Review

Update on Parasomnias 2007
Florida Thoracic Society/Florida American Lung Association-Pulmonary Critical Care Symposium
Ventilator Associated Pneumonia 2007
6th 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
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
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.

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

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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
Atending 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 Affair, 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 Sub-committee 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)


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)

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)


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.” (Djulbegovic B, Lacevic 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:


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)**


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)


47. Koreth J, Schlenk R, Kopecky K, Honda S, Sierra J, Djulbegovic B. Allogenic 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, Djulbegovic 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


56. Djulbegovic B. Kumar A. Multiple myeloma: detecting the effects of new treatments. Lancet 2008; 371:1642-1644


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


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


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


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


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”)


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)


111. Mann H, **Djulbegovic B.** Clinical equipoise and the therapeutic misconception. Hastings Center Report 2003;September-October:4


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


125. Djulbegovic B. Denominator problem needs to be addressed. BMJ 2002;325:1420 (letter)


143. Djulbegovic 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


146. Djulbegovic 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, Djulbegovic B. Understanding economic analyses. Evidence-based Oncology 2001;2:2-5


149. Djulbegovic, B. Commentary on “Clinical score for cancer patients with febrile neutropenia.” ACP J Club 2001; March/April: 134:76


153. Lilford RJ, **Djulbegovic B**. Equipoise and "the uncertainty principle" are not mutually exclusive BMJ 2001;322:795


155. Lilford RJ, **Djulbegovic B**. Equipoise is essential principle of human experimentation. BMJ 2001;322:299-300


161. **Djulbegovic B**. Two systematic reviews – two different answers. BMJ 1999; August 18 ([http://www.bmj.com/cgi/eletters/319/7205/312](http://www.bmj.com/cgi/eletters/319/7205/312)) (letter)


165. **Djulbegovic B**, Hendler F, Pavletic S. Reasoning by identifying goals of treatment Cancer Control 1999;6 (July/August):377-384


169. **Djulbegovic B**. The Chief Knowledge Officer vs. Improvement in Science of Information Dissemination? BMJ 1998; September 28, [letter](http://www.bmj.com/cgi/eletters/317/7162/0#EL1)

170. **Djulbegovic B** and Hozo I. Acting on evidence can only be done within the context of decision analysis. BMJ 1998; July 29 [letter](http://www.bmj.com/cgi/eletters/317/7151/139)


ABSTRACTS/letters


9. Patel A, Ho VQ, Shain K, Sullivan D, Alsina M, Djulbegovic 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


11. Mhaskar R, Georgiev H, Wao H, Kumar A, Djulbegovic 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


15. Galeb S, Reljic T, Djulbegovic B, Gwede C, Kumar NB, Kumar A. Are African American


27. Wager E, Mhaskar R, Warburton S, Djulbegovic B. Was JAMA’s requirement for independent statistical analysis associated with a change in the number of industry-funded

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.


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


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

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57. **Djulbegovic 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, **Djulbegovic 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


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63. Soares HP, Djulbegovic 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

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Bortezomib in relapsed or refractory mantle cell lymphoma (MCL): Results of the

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malignant blood disorders. Blood 2005;106:871a

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phase III hematological malignancies trials. Blood 106:89a

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negative? A review of all phase III randomized controlled trials conducted by NCI
Cooperative Groups. Blood 2005;106:89a

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CD3+ counts to chronic graft-versus-host-disease (cGVHD) and survival following sibling

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competing risks. In: XIII Cochrane Colloquium:Melbourne, Australia; October 22-26; 2005;
2005.

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NCI are negative or inconclusive. In: XIII Cochrane Colloquium:Melbourne, Australia;
October 22-26; 2005; 2005.

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quality trial in oncology. In: XIII Cochrane Colloquium:Melbourne, Australia; October 22-
26; 2005; 2005.


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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


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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


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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**, Lacevic 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


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


130. **Djulbegovic B**, Hozo I and Goldsmith G. Information content of the Polycythemia Vera Study Group (PVSG) diagnostic criteria. Blood 1996;88:204b


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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


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


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


158. **Djulbegovic B**, Christams SE, Moore M. Reversal of leukaemic status by the activation of supressed differentiation factor(s). Br J Cancer 1986;54:167-168


161. Scepanovic D, **Djulbegovic B**. Alteration of serum lipid metabolism in Buerger disease. XIII World Congress of Angiology, Rochester, USA, September 11-16, 1983


**BOOKS, CHAPTERS and EDITORIALS**

(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)


**Editorials:**

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


Chapters:


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

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

Djulbegovic 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


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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)
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


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


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


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 46th 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 Gesselschaft fur Hamatologie und Onkologie),
Leipzig, November 4-8, “Linking evidence with decision-making and coverage in oncology”

<table>
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<th>Year</th>
<th>Event</th>
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<tr>
<td>2006</td>
<td>Plenary lecture, Society for Clinical Trials 27th Annual Meeting, Orlando</td>
<td>“When should clinical research findings be accepted? Risk-benefit and acceptable regret approach”</td>
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<td>2005</td>
<td>NIH/Clinical Research Policy Analysis and Coordination: invited speaker</td>
<td>“Considering Usual Medical Care in Clinical Trial Design: Scientific and Ethical Issues”, Bethesda</td>
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<td>2005</td>
<td>“Ethics, Scientific Reasoning and Outcomes of Clinical Trials”, Heads</td>
<td>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</td>
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<td>2005</td>
<td>“Integrating Evidenced-based Medicine in the Health Information Infrastructure” presentation given at The Governor's Health Information Infrastructure Advisory Board of the State of Florida held at H. Lee Moffitt Cancer Center &amp; Research Institute</td>
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<td>2004</td>
<td>“How to practice Evidence-based Oncology”, European School of Oncology, Antwerp, Belgium, Chair</td>
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<td>2003</td>
<td>“Evidence, decision-making, the nature of scientific inquiry: the role of systematic reviews”, XI Cochrane Colloquium, Barcelona</td>
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<td>2002</td>
<td>&quot;Bisphosphonates in myeloma: a systematic review&quot; and &quot;Systematic reviews- Cochrane Haematological Malignancies Group&quot;, Third Main Meeting of the Myeloma Trialists' Collaborative Group, St Anne's College, Oxford, UK</td>
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<td>2002</td>
<td>&quot;Multiple Myeloma: Evidence-based management&quot; &quot;Nonmyeloablative Allogeneic Stem-cell Transplant: Introduction of New Technologies in Practice&quot;</td>
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I International Symposium of Evidence Based Oncology and VIII Workshop of Continuing Medical Educations Unimed/Cochrane Collaboration, Sao Paolo, Brazil

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
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<tr>
<td>May 26, 1999</td>
<td>&quot;Role of evidence in medical decision-making,&quot; Grand Rounds, University of Nebraska Medical Center, Omaha, NE</td>
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<td>April 9, 1999</td>
<td>&quot;Why Evidence-based oncology. Promises and challenges,&quot; H. Lee Moffitt Cancer Center &amp; Research Institute, University of South Florida, Tampa, FL</td>
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<td>March 12, 1999</td>
<td>&quot;Promises and challenges of evidence-based medicine,&quot; Hematology Conference, James Graham Brown Cancer Center, University of Louisville, Louisville, KY</td>
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<td>March 12, 1999</td>
<td>“Thrombocytopenia: workup and management strategy”, Twenty-first Primary care Review and ACLS for Family Practitioners and Internists, University of Louisville, Louisville, KY</td>
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<tr>
<td>July 2, 1998</td>
<td>“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</td>
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<tr>
<td>June 16, 1998</td>
<td>“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</td>
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<td>January 22, 1998</td>
<td>“Integration of treatment benefits/risks and the quality of medical evidence in clinical decision making,” Moffitt Cancer Center, University of South Florida, Tampa, FL</td>
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<td>October 24, 1997</td>
<td>“Anemia: Is It Thalassemia?” ,Grand Round, Department of Family Practice, University of Louisville</td>
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<td>June 10, 1997</td>
<td>“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</td>
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<tr>
<td>February 26, 1997</td>
<td>“Evidence-based management of Hodgkin’s Disease,” Symposium on Evidence-based Practice of Oncology, Louisville, KY</td>
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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 Antifibrinolics 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-
**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;

“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.

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

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 (Mononine™) 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
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
2008-2  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
2001- 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
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
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
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
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)
1989-90 Summer review sessions in gross anatomy and embryology for national board exams, MCG
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
1998 OB/GYN Anatomy, Senior elective, UAMS/COM
1999 Course Director, OB/GYN Anatomy, Senior elective, UAMS/COM
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

Gest, T.R., CV  4  11/28/12
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
(http://www.med.umich.edu/lrc/coursepages/dental_gross)
(http://www.med.umich.edu/lrc/coursepages/M1/embryology)
(http://www.med.umich.edu/anatomy)
1999-00 Member, Medical Education Scholars Program, U. Mich. Med. Sch.
2000-11 Member, Committee on Student Biomedical Research, U. Mich. Med. Sch.
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

GRANT SUPPORT:
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.
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.


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.


1994-7 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.


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:

PUBLICATIONS

BOOKS:

BOOK CHAPTERS:

ARTICLES:

ABSTRACTS:

PUBLISHED SOFTWARE, WEB SITES, AND ANCILLARIES:

INVITED PRESENTATIONS:


EDITORIAL AND SCIENTIFIC PUBLICATION ACTIVITIES:

1977 Associate Editor, Physical Anthropology, The Florida Journal of Anthropology, Univ. Fl., Gainesville, FL

1985 Review of articles for the American Journal of Physical Anthropology

1987 Review of articles for the Cleft Palate Journal

1989 Book review for The New England Journal of Medicine

1990- Review of articles for Acta Anatomica


1993-7 Contributing Editor of Arkansas Computer Bulletin


1993 Anatomical Editor, A.D.A.M. Software, version 2.3.


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 Journal of Medical Education Technologies, Learning Technology Institute.


2002- Review of articles for Medical Education Online

2002 Review of Clemente's Anatomy Atlas and Clemente's Anatomy Dissector, Lippincott

2003- Review of articles for Clinical Anatomy

2003 Review of Snell's Systemic Anatomy, Lippincott


2003 Review of A Preview of Anatomy, W. Hartwig, Lippincott


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 Member, Editorial Board, Elsevier Integrated Series
2005 Member, Lippincott Anatomy Advisory Board
2005+ Member, Editorial Board, Clinical Anatomy
2005+ Co-Editor, Clinical Anatomy
2005+ Review of articles for Journal of Anatomy
2005+ 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

REFERENCES:
Dr. Stephen Carmichael, Chair Emeritus Dept. of Anatomy and Orthopedic Surgery Mayo Clinic, Plummer Building 10N Rochester, MN (507) 284-8648
Dr. William E. Burkel, Professor Emeritus Division of Anatomical Sciences University of Michigan Medical School Ann Arbor, MI 48109-0608 (734) 764-4379
Dr. Bruce Newton, Professor Dept. of Neurobiology & Developmental Sciences University of Arkansas for Medical Sciences Mail Slot 510 Little Rock, AR 72205 (501) 296-1261 Dr. Bruce C. Albright, Chair Dept. of Physical Therapy School of Allied Health Sciences East Carolina University Greenville, NC 27858-4353 (919) 757-4450
Dr. Ruth-Marie E. Fincher Vice Dean for Academic Affairs Medical College of Georgia Augusta, GA 30912 (706) 721-3217 Dr. Alex J. McDonald, Professor Dept. of Anatomy University of South Carolina School of Medicine Columbia, SC 29208 (803) 733-3369
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

STEVEN B. GOLDIN, MD, PhD, FACS

Office Address: Department of Surgery
University of South Florida
The Tampa General Hospital
Post Office Box 1289, Room F145
Tampa, Florida 33601

Office Telephone: (813) 844-4008
Office Fax: (813) 844-7396
E-Mail: sgoldin@hsc.usf.edu

Home Address: 17923 Bahama Isle Circle
Tampa, Florida 33647

Home Telephone: (813) 982-1266

Born: 1963 - Chicago, Illinois

Family: Wife – Pamela Anne Goldin

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

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

Revised 7/2012
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

Revised 7/2012
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

Revised 7/2012
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
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
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

Revised 7/2012
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
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
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 – 2010  Board of Directors. 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


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

Revised 7/2012
6. Irish Journal of Medical Schience

7. Journal of Surgical Research

8. Journal of the American College of Surgeons


10. Southern Medical Journal

11. The American Journal of Surgery

Research Support:

Principle Investigator


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


6. Predicting Success in Medical Students – 2006


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


13. Covidian - $60,000. Simulation Study: Contribution of Virtual Reality Simulation to Box Trainer Simulation In Novice Laparoscopists – 2009


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


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


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

Revised 7/2012
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


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


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


18. Does BMI Effect Perioperative and Postoperative Outcomes of Adrenalectomy - 2010
CURRICULUM VITAE

STEVEN B. GOLDIN, MD, PhD, FACS

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:


**Non-Peer-Reviewed Publications:**


**Textbooks:**


**Book Chapters:**


CURRICULUM VITAE

STEVEN B. GOLDIN, MD, PhD, FACS


Movie Presentations & Exhibits:


Abstract/Poster Presentations:


CURRICULUM VITAE

STEVEN B. GOLDIN, MD, PhD, FACS


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.


**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


   Title: Chronic Pancreatitis
   Title: Surgical Approaches to Malignant Biliary Obstruction
   Title: Hepatobiliary and Pancreatic Trauma
   Title: Splenic Trauma
15. American Society of Abdominal Surgeons, 29\textsuperscript{th} 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


19. American Society of Abdominal Surgeons, 47\textsuperscript{th} 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 4\textsuperscript{th} Year Advanced  
Surgical Clerkship

24. Association of Academic Surgery – Chicago, IL, 10/09/2009. 20\textsuperscript{th} Annual Fundamentals of Surgical  
Research Course. Title: Research in Surgical Education

25. American Society of Abdominal Surgeons, 32\textsuperscript{nd} Hepatobiliary Symposium, Tampa, FL, 10/2009  
Title: Acute Pancreatitis  
Title: Chronic Pancreatitis  
Title: Gallbladder Cancer

29. The 2009 Frederick A. Coller 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

Course: Medical Malpractice Seminar

33. American Society of Abdominal Surgeons, 48\textsuperscript{th} 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

Revised 7/2012
34. Association of Academic Surgery – Washington, DC 10/01/2010. 21\textsuperscript{th} Annual Fundamentals of Surgical Research Course. Title: Research in Surgical Education

35. Association of Academic Surgery – Washington, DC 10/01/2010. 21\textsuperscript{th} Annual Fundamentals of Surgical Research Course. Moderator: Starting your research career session

   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


Invited Lectures/Visiting Professorships

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

Patent Disclosures:

ALLAN L. GOLDMAN, M.D.
CURRICULUM VITAE

ADDRESS:  
12901 Bruce B. Downs Blvd., MDC Box 19  
Tampa, Florida 33612

E-MAIL:  
agoldman@health.usf.edu

TELEPHONE NUMBERS:  
Work: (813) 974-3558  
Fax: (813) 905-9958

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
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.
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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:


2. Medical Advisor, Respiratory Therapy Program, St. Petersburg Junior College, 1974-1979


6. Chairman, Florida Lung Association Committee on Quality Care for Tuberculosis Patients (Advisory Committee to the State of Florida), 1975 - 1977
7. Committee on Respiratory Disease Consultation Services, Florida Lung Association, Florida Regional Medical Program, 1974 - 1977; Chairman, 1977 - 1979


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


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


20. President-Elect, Florida Chapter, American College of Chest Physicians, 1978 - 1979


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


27. President, Florida Chapter, American College of Chest Physicians, 1979 - 1980


29. Pulmonary Consultation Panel - Will Rogers Institute, 1979 - Present


32. Credentials and Nominating Committee Representative, Florida Region, American College of Physicians, 1980 - 1988


34. University of South Florida College of Medicine Research Committee, 1980 - 1982


36. Medical Director, ICU and Chairman, ICU Committee, Tampa General Hospital, 1982- 1998


38. Tampa General Hospital Monitoring and Infusion Pump Committees, 1983 - 1985

39. Subspecialty Pre-Reviewer, Accreditation Council for Graduate Medical Education, 1984-1999
40. USF Cancer Hospital Development Planning Committee, 1984 - 1985
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
49. Chairman, Research Committee, H. Lee Moffitt Cancer Center and Research Institute, 1987 - 1989
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
56. American College of Chest Physicians Bylaws Committee 1987-1989
58. USF Self-Study Committee C - Clinical Facilities, 1989
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


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
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


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:

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
Curriculum Vitae
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CURRICULUM VITAE

ANGELA MASSEY HILL, PHARM.D., BCPP, RPh.
25747 Risen Star Drive°Wesley Chapel, Florida 33544
813.929.7417
E-mail: agathajhill@aol.com

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 Tzacahale, 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.


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, Psychopharmacology/Psychoanalysis and Psychotherapy and Ambulatory Clinical Pharmacy. Florida A & M University/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. 

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

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. 

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)


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
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


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.
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


“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
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 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)
Florida A&M University Big Bend Pharmacy Alumni Council (secretary 1992- 2000)
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)
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)

LICENSE

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

CERTIFICATIONS/TRAININGS

Tacachale Neuroscience Program Seizure Clinic Management Training, Gainesville, Florida. October 27-29, 1993
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 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. The Role of a Neuroleptic Review Clinic in Managing Patients with Clozaril. Sandoz Pharmaceuticals Clozaril Treatment Trends Newsletter. Fall 1995;4(3).
PUBLICATIONS CONT’D


Diabetes Mellitus Type 2 CD-ROM Training on Clinical Practice Guidelines. Big Bend AHEC and Interactive Training Media. April 2002


Book Chapter


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 hhc 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)
- 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


"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


“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


“Improving Communications with Effective Listening Skills”, Florida A&M University Student Health Center Tallahassee, Florida; May 3, 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
“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


“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


“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


“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.


“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.


“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.


“Memory Disorders and Medications”, Tallahassee Senior Center, May 6, 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.


“Update on Treating Attention Deficit Disorder”, FAMU COPP Conference on Contemporary Treatment Options for Pediatric Disorders, June 5, 1999, Daytona Beach, 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 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 Role of the Pharmacist in Clinical Research”, FAMU COPPS Division of Economic, Social, and Administrative Sciences Lecture Series, Tallahassee, Florida, February 3, 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


“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

“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
“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


“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


“Update on Medication Issues for People with Memory Disorders.” 18th Annual Alzheimer Update; February 8, 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
“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


“Assessment Skills for Evaluating Dementia, Depression, and Delerium”, Leon County Health-Systems Pharmacists Meeting, Tallahassee, Florida; October 21, 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


“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
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, Panama City, Florida; August 10, 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”, 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, Delerium, 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”, Wakefem 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

“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


“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


“Current Advances in the Management of Sleep Disorders”, Florida Pharmacist’s Association 115th Annual Meeting and Convention, July 8, 2005, Marco Island, Florida


“Managing Non-Alzheimer’s Dementia”, 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


“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


“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


“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


“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


“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
PROFESSIONAL PRESENTATIONS CONT’D

“Clinical Concepts in Managing Sleep Disorders”; Diamondback Annual Convention; June 17, 2008; San Francisco, California

“Brief Tobacco Intervention Project”; Diamondback Annual Convention; June 19, 2008; San Francisco, 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.


“Therapeutic Management of Anxiety Disorders”, Florida Pharmacy Association Psychiatric Update; September 20, 2008; Ft. Lauderdale, Florida

“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, January 2011,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


“Dementia is Dementia, Right?” American Pharmaceutical Association 2010 Convention, March 13, 2010, Washington, DC
“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


“Roles of the Pharmacist in the Drug Discovery Process”, USF College of Pharmacy Drug Discovery Symposium, June 7, 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 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 Caregivers,” USF Health Byrd Alzheimer’s Institute, November 1, 2011, Tampa, Florida


“delivered 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


“Roles of the Pharmacist in the Drug Discovery Process”, USF College of Pharmacy Drug Discovery Symposium, June 7, 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 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 Caregivers,” USF Health Byrd Alzheimer’s Institute, November 1, 2011, Tampa, Florida

**PROFESSIONAL PRESENTATIONS CONT’D**


“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
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)
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


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

POSTER/RESEARCH PRESENTATIONS CONT’D


STUDENT-MENTORED POSTERS

Laneier 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

Laneier, 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

Laneier 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. 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


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
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


STUDENT-MENTORED POSTER/RESEARCH PRESENTATIONS CONT’D


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


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


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


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

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
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 A1c 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


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*.


Non-Peer Reviewed

Holmström, SW “What Should I Eat for a Healthy Pregnancy?” *Tampa Tribune* 14 March 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 “How Safe is Giving Birth?” *Tampa Tribune* 4 Aug 2007: Ask the Expert
Book Chapters


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 Sorrels, 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

Address: University of South Florida Health
12901 Bruce B. Downs Blvd. MDC 008
Tampa, FL 33612

Phone: Office: (813) 396-9963
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.

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.


April, 2001- August, 2003- Assistant Director, Arizona Comprehensive Health Careers Opportunity Program (HCOP). Funded though 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- 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


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.


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

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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


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


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


**Invited Presentations**


**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.


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

Co-Director for Primary Care and Special Populations August 2010-December 2010

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


“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:


Faculty Development

Asthma/Adolescent case for Doctoring 2: November 2011
Endocarditis case for Doctoring 2: August 2011

Presentations/Posters


Abstract Submission/Grant Submission

iInTIME Educational Scholarship Grant
Letter of Intent Sent
December 2010

iInTIME Educational Scholarship Grant
Letter of Intent Sent
December 2011

University 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 26th, 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

June 2012 – Present
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

February 2010-June 2011
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

June 2007-Present
Title: Associate Member
Department of Health Outcomes & Behavior,
Moffitt Cancer Center and Research Institute, Tampa

August 2011- Present
Title: Course Co-Director
Evidence-Based Clinical Reasoning II – Medical School Year 2

August 2010- Present
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

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**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
December 8, 2011

**Integrating EBM into Clinical Problem Solving:**
Office of Educational affairs, Morsani College of Medicine, Tampa, FL
**Purpose:** Faculty development
**Audience:** Faculty

December 7, 2011

**Fundamentals of study design – diagnostic accuracy studies:**
Department of Neonatology, Tampa General Hospital, Tampa, FL
**Purpose:** Grand rounds
**Audience:** Faculty, Students and researchers

September 23, 2011

**Personalized medicine, pharmacogenomics and rules of evidence.**
1st Annual Pharmacogenomics Conference, USF College of Pharmacy, Tampa, FL
**Purpose:** Invited lecture
**Audience:** Faculty, Students and researchers

September 21, 2011

**Critical Appraisal of Diagnostic Accuracy and Treatment Studies:**
Department of Vascular Surgery, Tampa General Hospital, Tampa, FL
**Purpose:** Continuing Medical Education
**Audience:** Vascular Surgery Fellows, Physicians and Residents

September 14, 2011

**Measuring Effect of Treatment: Risk versus Odds versus Hazard Ratios:**
Department of Vascular Surgery, Tampa General Hospital, Tampa, FL
**Purpose:** Continuing Medical Education
**Audience:** Vascular Surgery Fellows, Physicians and Residents

September 7, 2011

**Matching the Study Design to Research Question:**
Department of Vascular Surgery, Tampa General Hospital, Tampa, FL
**Purpose:** Continuing Medical Education
**Audience:** Vascular Surgery Fellows, Physicians and Residents

July 16-17, 2011

**Evidence Synthesis and Knowledge Translational:**
2011 American Urological Association Foundation, SBUR Research Conference, Linthicum, MD
**Purpose:** Continuing Medical Education
**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
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

Audience: Faculty Members, Physicians and Researchers
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: 1R01Hl71650-01
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**


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


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


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.


14. **Ambuj Kumar**, Sanja Galeb, Benjamin Djulbegovic; Treatment of Patients with Multiple Myeloma: An Overview of Systematic Reviews; Acta Haematol 2011;125:8–22


17. Ambuj Kumar and Benjamin Djulbegovic; Critical Appraisal Skills –Making Sense of Evidence; Acta Informatica Medica; 2010 vol 18(2); 109-113


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


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.


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


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


**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

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**Bibliography II**

**Plenary/Platform Presentations:**

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.**


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


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**


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


Poster Presentations:


3. Pidala J, Djulbegovic B, Anasetti C, Kharfan-Dabaja MA, Kumar A; Allogeneic Hematopoietic Cell Transplantation for Acute Lymphoblastic Leukemia In First


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.


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).


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.


Services:

University/College Services/Advisory council

December 2010 to present Core Co-Leader, Center for Equal Health, Moffitt Cancer Center and University of South Florida

September 2010 to present Member, Institutional Review Board (IRB-01B), University of South Florida.

September 2010 to present Member, Academic Performance Review Committee (APRC), University of South Florida College of Medicine

June 2010 to December 2010 Member, Taskforce to develop SELECT program Medical School curriculum in collaboration with University of South Florida and Leigh High Valley Healthcare Network

March 2009 to 2010 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
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
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
## GRADUATE EDUCATION AND MEDICAL TRAINING

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<tr>
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<tr>
<td>Children's Hospital Medical Center,</td>
<td>02/11/94 02/10/95</td>
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<tr>
<td>Resident, Pediatrics</td>
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<td>Cincinnati</td>
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## FELLOWSHIP

| Royal Victoria Infirmary - Leukemia Research Fellow | 03/1/86 03/15/87 |
| (Honorary Registrar), Honorary Research Associate | |
| Pediatric Oncology/Hematology | |
| Department of Child Health | |
| Newcastle upon Tyne | |
| United Kingdom | |
| Royal Manchester Children's Hospital | 8/1/87 8/15/ 88 |
| Leukemia Research Fellow | |
| Pediatric Oncology/Hematology | |
Manchester, United Kingdom

Regional Blood Transfusion Center
Transfusion Medicine, Manchester
United Kingdom.
7/1/89 11/30/89

Manchester Royal Infirmary
University Department of Clinical Haematology,
Manchester, United Kingdom
5/15/89 1/10/91

Children's Hospital Medical Center
Fellow in Hematology/Oncology
and Bone Marrow Transplant
Cincinnati, United States
2/11/91 2/10/94

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 outpatient 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 outpatient clinics- during their Pediatric Rotation.
2001-ongoing

POST-GRADUATE 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**


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.


**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, MD

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**


27. M. Sanka, M. Kumar. An Unusual Newborn Rash. Fetal and Pediatric Pathology, Volume 23, issue 4, July-Aug 2004


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,

BOOK CONTRIBUTIONS


BOOK REVIEWS


PLATFORM PRESENTATIONS


PUBLISHED ABSTRACTS


POSTER PRESENTATIONS


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


**SERVICE**

**University of South Florida, College of Medicine**


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


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


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.

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

   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
- 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
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 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
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 1st year medical students, University of Florida

Spring ’02 Essentials of Patient Care IV, small group instructor on physical diagnosis to 2nd 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 1st and 2nd 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
<table>
<thead>
<tr>
<th>Date</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>11/04</td>
<td>BMS 6300 (Medical Microbiology) Sepsis and septic shock clinical correlation lecture.</td>
</tr>
<tr>
<td>2/05-present</td>
<td>BCC 8190 (Critical Care Clerkship) ECG Competency Curriculum. Reviewer for competency exams 1 and 2.</td>
</tr>
<tr>
<td>6/05-present</td>
<td>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.</td>
</tr>
<tr>
<td>6/05-present</td>
<td>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.</td>
</tr>
<tr>
<td>7/06-present</td>
<td>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.</td>
</tr>
<tr>
<td>6/07-present</td>
<td>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.</td>
</tr>
<tr>
<td>11/09-present</td>
<td>BMS 5015 (Clinical Diagnosis and Reasoning). Small group leader for acid-base clinical vignettes and sodium/water clinical vignettes.</td>
</tr>
<tr>
<td>2/11-present</td>
<td>BMS 6633 Cardiovascular and Pulmonary Systems. Gave an introductory lecture on the clinical ECG and a 2nd lecture on cardiac auscultation using Harvey. Designed 8 questions for the block exam.</td>
</tr>
</tbody>
</table>

**Research and Scholarly Activity**

**Grants**

Bognar BA, O’Brien KE. Co-Principal Investigator, Area Health Education Council Grant for support of educational programs
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.

Assay in the Diagnosis of Acute Retroviral Syndrome. Southern

O’Brien KE, O’Connell RJ, O’Connell M. Screening for
Colorectal Cancer (Letter to the Editor). New England Journal of

O’Brien KE, O’Bryan CL, Saad R. Predictors of Outcome in
Asymptomatic Stenosis (Letter to the Editor). New England

More DR, O’Brien KE, Shaw J. Arrhythmogenic Right
Ventricular Dysplasia in the Elderly. Pacing and Clinical

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

G, Poremba JA. The Effect of an Educational Campaign on the


*Breglia M, Koon A, **O’Brien KE**, Padmanabhan A. An Unusual Cause of Symptomatic Anemia. Accepted to Resident and Staff Physician, 9/7/06.*


**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).


Published abstracts


Abstracts


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.


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.


Poster presentation at the 2003 CDIM Meeting, Savannah, Georgia.


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.


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 ML, O’Brien KE, Papp KK, Durning SJ. University of South Florida College of Medicine, Tampa, FL, Case Western Reserve University, Cleveland OH, and Uniformed Services University, Bethesda, MD. 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, Papp KK, Durning SJ. University of South Florida College of Medicine, Tampa, FL, Case Western Reserve University, Cleveland OH, and Uniformed Services University, Bethesda, MD. 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.

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.


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.


Presentations

An Update on Hyperlipidemia, 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.


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
<table>
<thead>
<tr>
<th>Date Range</th>
<th>Position and Responsibilities</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/01-9/01</td>
<td>Member of the Organizing Committee for the 2000 Regional Meeting of the Air Force Chapter the ACP</td>
</tr>
<tr>
<td>10/01-6/02</td>
<td>Residency Review Committee Working Group for the Internal Medicine Residency Program, University of Florida</td>
</tr>
<tr>
<td>11/01-6/02</td>
<td>Housestaff Evaluation Committee, University of Florida</td>
</tr>
<tr>
<td>1/02-6/02</td>
<td>Appointed, Director of Medical Education, Internal Medicine Residency Program, University of Florida</td>
</tr>
<tr>
<td>2/02-6/02</td>
<td>Member of Committee on Medical Education for the University of Florida College of Medicine</td>
</tr>
<tr>
<td>7/02-present</td>
<td>Reviewer, <em>Journal of General Internal Medicine</em></td>
</tr>
<tr>
<td>4/03-6/03</td>
<td>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.</td>
</tr>
<tr>
<td>5/03-10/03</td>
<td>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\textsuperscript{nd} year curriculum.</td>
</tr>
<tr>
<td>6/03-2/04</td>
<td>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.</td>
</tr>
<tr>
<td>9/03-present</td>
<td>Elected as a Representative from Region B to the Govemors’ Advisory Council, Florida Chapter of the ACP. Re-elected for a 2\textsuperscript{nd} three-year term in 2006.</td>
</tr>
<tr>
<td>1/04-4/04</td>
<td>PACE Planning Committee, clerkship directors group</td>
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<tr>
<td>6/04-5/05</td>
<td>PACE Planning Committee, Primary Care Clerkship</td>
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<tr>
<td></td>
<td>PACE Planning Committee, Inpatient Med-Peds Clerkship</td>
</tr>
<tr>
<td></td>
<td>PACE Implementation Committee, March 2005</td>
</tr>
</tbody>
</table>
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, Teaching and Learning in Medicine. 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
<table>
<thead>
<tr>
<th><strong>Honors and Activities</strong></th>
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<tbody>
<tr>
<td><strong>July 2012 to present</strong></td>
<td>Serve on the Academic Performance Review Committee</td>
<td>University of South Florida Morsani College of Medicine</td>
</tr>
<tr>
<td><strong>January 2010 to May 2011</strong></td>
<td>Clinical Assistant Professor</td>
<td>Florida State University College of Medicine, Fort Pierce campus</td>
</tr>
<tr>
<td></td>
<td>Served as an attending physician for third year medical students on the longitudinal medicine rotation.</td>
<td></td>
</tr>
<tr>
<td><strong>April 2006</strong></td>
<td>Academic Excellence Award</td>
<td>University of South Florida College of Medicine</td>
</tr>
<tr>
<td><strong>October 2005</strong></td>
<td>Elected into the Arnold P. Gold Humanism in Medicine Honor Society</td>
<td></td>
</tr>
</tbody>
</table>
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

Pharmaceutical Sciences
Specialization in Pharmacology
Minor in Chemistry
College of Pharmacy, Wayne State University
Detroit, MI

1988 – 1991  Bachelor of Science *cum laude*
Pharmacy
College of Pharmacy, Wayne State University
Detroit, MI

PROFESSIONAL EXPERIENCE

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
Charles V. Preuss

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

Service

Committee Assignments

2007 – 2008  Ad Hoc Advances in Nanotechnology and Application Conference Committee
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
2002 – 2002  Staff Pharmacist
Central Michigan Community Hospital
Mount Pleasant, MI

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

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

**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.

Mayo Graduate School of Medicine, Mayo Clinic
Rochester, MN
Weinshilboum R., Preuss C.

1992 – 1995
“Mammalian arylacetamide deactylase”
College of Pharmacy, Wayne State University
Detroit, MI
Svensson, C., Preuss C.

1991 – 1992
“Synthesis of spermidine/spermine-\(N^1\)-acetyltransferase inhibitors”
College of Pharmacy, Wayne State University
Detroit, MI
Woster P., Preuss C.

Grants

1999
South Dakota Soybean Research Council Funding.
Awarded $20,000

1999
South Dakota Corn Utilization Council Funding.
Awarded $10,000

1999
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
Mayo Medical Ventures

Refereed Articles


**Chapters and Monographs**


**Abstracts**


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)


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.


Non-Refereed Articles


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  Journal of the American Pharmacists Association
2005  Principles of Pharmacology
2005  Human Physiology
1999 – 2000  Integrated Cardiopulmonary Pharmacology
1999  International Journal of Pharmacognosy
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

AWARDS/HONORS
6/1982 Hibbs Bourkard Award for Outstanding Resident 1981-82
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
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
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 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
7/1982- 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
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

PUBLICATIONS


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 standarized 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 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 CAACL. 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  
5. Advanced Cardiac Life Support (ACLS)- Last renewed in March 2012.  
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:

Abstracts:
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.


Text Books:


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
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

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• OFFICE ADDRESS: 13220 USF Laurel Dr., Tampa, FL, 33612 •
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• 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

→ 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, mult-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 alemtuzemab 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 alemtuzemab 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


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 Zwygart, MD

Present Rank: Associate Professor
Interim Chair, Department of Family Medicine
University of South Florida College of Medicine

EDUCATION
               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 USF COM, 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.


Physician Assistant Training Program, Family Practice 1-2. PAS 5400 - University of Florida. Precept physician assistant students in the USF Family Medicine Clinic.

**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 –
Fourth-Year Teaching Elective, MEL 8965. Provide didactics regarding aspects of teaching for 4th year students. 2009 – present.


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, -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

RESEARCH AND CREATIVE ACTIVITY

Publications:


Book Chapters:


**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.


**Research/Scholarly Awards:**


**Other Research-Related Activities:**

**Presentations**

Invited Presentations:


Abstract Presentations:


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.


Other Presentations:


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.


Schocken DM, Graffam B, Zwygart K, Wallach PM. Novel Student Assessment in Cultural Competency Using Clinical Performance Examination Stations. ASPE


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 USF COM, 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
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)

<table>
<thead>
<tr>
<th>Source of Students (Non-duplicated headcount in any given year)*</th>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
<th>Year 4</th>
<th>Year 5</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>HC</td>
<td>FTE</td>
<td>HC</td>
<td>FTE</td>
<td>HC</td>
</tr>
<tr>
<td>Upper-level students who are transferring from other majors within the university**</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Students who initially entered the university as FTIC students and who are progressing from the lower to the upper level***</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Florida community college transfers to the upper level***</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Transfers to the upper level from other Florida colleges and universities***</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Transfers from out of state colleges and universities***</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Other (Explain)***</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Totals</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

* 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.

Worksheet Table 1-A UG Enrollment
### APPENDIX A

**TABLE 1-B (DRAFT)**

**PROJECTED HEADCOUNT FROM POTENTIAL SOURCES**

(Graduate Degree Program)

<table>
<thead>
<tr>
<th>Source of Students</th>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
<th>Year 4</th>
<th>Year 5</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>HC</td>
<td>FTE</td>
<td>HC</td>
<td>FTE</td>
<td>HC</td>
</tr>
<tr>
<td>Individuals drawn from agencies/industries in your service area (e.g., older returning students)</td>
<td>5</td>
<td>6.09</td>
<td>14</td>
<td>19.09</td>
<td>26</td>
</tr>
<tr>
<td>Students who transfer from other graduate programs within the university**</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Individuals who have recently graduated from preceding degree programs at this university</td>
<td>8</td>
<td>9.75</td>
<td>21</td>
<td>28.84</td>
<td>38</td>
</tr>
<tr>
<td>Individuals who graduated from preceding degree programs at other Florida public universities</td>
<td>5</td>
<td>6.09</td>
<td>14</td>
<td>19.09</td>
<td>25</td>
</tr>
<tr>
<td>Individuals who graduated from preceding degree programs at non-public Florida institutions</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Additional in-state residents***</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Additional out-of-state residents***</td>
<td>2</td>
<td>2.44</td>
<td>6</td>
<td>8.13</td>
<td>11</td>
</tr>
<tr>
<td>Additional foreign residents***</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Other (Explain)***</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td><strong>Totals</strong></td>
<td><strong>20</strong></td>
<td><strong>24.37</strong></td>
<td><strong>55</strong></td>
<td><strong>75.15</strong></td>
<td><strong>100</strong></td>
</tr>
</tbody>
</table>

* 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**

<table>
<thead>
<tr>
<th>Instruction &amp; Research Costs (non-cumulative)</th>
<th>Year 1</th>
<th>Year 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reallocated Base* (E&amp;G)</td>
<td>Enrollment Growth (E&amp;G)</td>
<td>Other New Recurring (E&amp;G)</td>
</tr>
<tr>
<td>Faculty Salaries and Benefits</td>
<td>0</td>
<td>176,142</td>
</tr>
<tr>
<td>A &amp; P Salaries and Benefits</td>
<td>0</td>
<td>112,536</td>
</tr>
<tr>
<td>USPS Salaries and Benefits</td>
<td>0</td>
<td>10,295</td>
</tr>
<tr>
<td>Other Personal Services</td>
<td>0</td>
<td>0</td>
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<tr>
<td>Assistantships &amp; Fellowships</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Library</td>
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<td>0</td>
</tr>
<tr>
<td>Expenses</td>
<td>0</td>
<td>36,650</td>
</tr>
<tr>
<td>Operating Capital Outlay</td>
<td>0</td>
<td>6,220</td>
</tr>
<tr>
<td>Special Categories</td>
<td>0</td>
<td>0</td>
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<tr>
<td>Total Costs</td>
<td>$0</td>
<td>$341,843</td>
</tr>
</tbody>
</table>

*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**

<table>
<thead>
<tr>
<th>Total Positions</th>
<th>Faculty (person-years)</th>
<th>A &amp; P (FTE)</th>
<th>USPS (FTE)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 1</td>
<td>5.1</td>
<td>7.95</td>
<td>1</td>
</tr>
<tr>
<td>Year 5</td>
<td>17.48</td>
<td>8.95</td>
<td>1.5</td>
</tr>
</tbody>
</table>

**Calculated Cost per Student FTE**

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Year 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total E&amp;G Funding</td>
<td>$1,501,843</td>
</tr>
<tr>
<td>Annual Student FTE</td>
<td>$24.37</td>
</tr>
<tr>
<td>E&amp;G Cost per FTE</td>
<td>$61.627</td>
</tr>
</tbody>
</table>

*Worksheet Table 2 Budget*
## APPENDIX A

### TABLE 3 (DRAFT)
**ANTICIPATED REALLOCATION OF EDUCATION & GENERAL FUNDS**

<table>
<thead>
<tr>
<th>Program and/or E&amp;G account from which current funds will be reallocated during Year 1</th>
<th>Base before reallocation</th>
<th>Amount to be reallocated</th>
<th>Base after reallocation</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>0</td>
<td>$0</td>
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<tr>
<td>0</td>
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<td>$0</td>
<td></td>
</tr>
<tr>
<td>Totals</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
</tr>
</tbody>
</table>

*If not reallocating funds, please submit a zeroed Table 3*

Worksheet Table 3 Reallocation
# APENDIX A

**TALE 4 (DRAT)**

**ATTICIPAED FAULTY PATICIPAION**

<table>
<thead>
<tr>
<th>Faculty Code</th>
<th>Faculty Name or &quot;New Hire&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Highest Degree Held</strong></td>
<td><strong>Academic Discipline or Speciality</strong></td>
</tr>
<tr>
<td>A</td>
<td>Dr. Allan Goldman (Medical Director), MD</td>
</tr>
<tr>
<td>C</td>
<td>PhysiciaAssistant</td>
</tr>
<tr>
<td>C</td>
<td>TBD, PA, Didactic Coordinator</td>
</tr>
<tr>
<td>A</td>
<td>Physicians Assistant</td>
</tr>
<tr>
<td>A</td>
<td>William Johnson, PhD</td>
</tr>
<tr>
<td>A</td>
<td>Angela Massey-Hill, PharmD</td>
</tr>
<tr>
<td>A</td>
<td>Pharmacology</td>
</tr>
<tr>
<td>A</td>
<td>Anatomy</td>
</tr>
<tr>
<td>A</td>
<td>Thomas Gest, Ph.D</td>
</tr>
<tr>
<td>A</td>
<td>Chuck Preuss, PhD</td>
</tr>
<tr>
<td>A</td>
<td>Pharmacology</td>
</tr>
<tr>
<td>A</td>
<td>Ambug Kumar, MD</td>
</tr>
<tr>
<td>A</td>
<td>Internal Medicine</td>
</tr>
<tr>
<td>A</td>
<td>Mudra Kumar, MD</td>
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<tr>
<td>A</td>
<td>Pediatrics</td>
</tr>
<tr>
<td>C</td>
<td>TBD, PA</td>
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<tr>
<td>A</td>
<td>Physicians Assistant</td>
</tr>
<tr>
<td>C</td>
<td>TBD, PA</td>
</tr>
<tr>
<td>C</td>
<td>Physicians Assistant</td>
</tr>
<tr>
<td>C</td>
<td>TBD (Clinical Coordinator), PA</td>
</tr>
<tr>
<td>A</td>
<td>Physicians Assistant</td>
</tr>
<tr>
<td>A</td>
<td>Steve Goldin, MD</td>
</tr>
<tr>
<td>A</td>
<td>Surgery</td>
</tr>
<tr>
<td>A</td>
<td>TBD, MD</td>
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<tr>
<td>Surgery</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Initial Date for Participation in Program</th>
<th>Mos. Contract Year 1</th>
<th>FTE Year 1</th>
<th>% Effort for Prg. Year 1</th>
<th>PY Year 1</th>
<th>Mos. Contract Year 5</th>
<th>FTE Year 5</th>
<th>% Effort for Prg. Year 5</th>
<th>PY Year 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spring 2013</td>
<td>12</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
<td>12</td>
<td>1.00</td>
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<tr>
<td>Spring 2013</td>
<td>12</td>
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<td>0.25</td>
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<tr>
<td>Fall 2013</td>
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<tr>
<td>Fall 2013</td>
<td>12</td>
<td>1.00</td>
<td>0.60</td>
<td>0.60</td>
<td>12</td>
<td>1.00</td>
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<tr>
<td>Fall 2015</td>
<td>12</td>
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<td>0.20</td>
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<td>1.00</td>
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<tr>
<td>Summer 2015</td>
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<td>1.00</td>
<td>0.15</td>
<td>0.15</td>
<td>12</td>
<td>1.00</td>
<td>0.15</td>
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<tr>
<td>Fall 2015</td>
<td>12</td>
<td>1.00</td>
<td>0.20</td>
<td>0.20</td>
<td>12</td>
<td>1.00</td>
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<tr>
<td>Summer 2015</td>
<td>12</td>
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<td>1.00</td>
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</tr>
<tr>
<td>Summer 2015</td>
<td>12</td>
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<td>0.60</td>
<td>0.60</td>
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<tr>
<td>Fall 2016</td>
<td>0</td>
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<td>0.00</td>
<td>12</td>
<td>1.00</td>
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<tr>
<td>Fall 2017</td>
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<td>Fall 2016</td>
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<td>12</td>
<td>1.00</td>
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</tr>
</tbody>
</table>

**Worksheet Table 4 Faculty**
<table>
<thead>
<tr>
<th>Faculty Code</th>
<th>Faculty Name or &quot;New Hire&quot;</th>
<th>Rank</th>
<th>Contract Status</th>
<th>Highest Degree Held</th>
<th>Academic Discipline or Speciality</th>
<th>Initial Date for Participation in Program</th>
<th>Mos. Contract Year 1</th>
<th>FTE Year 1</th>
<th>% Effort for Prg. Year 1</th>
<th>PY Year 1</th>
<th>Mos. Contract Year 5</th>
<th>FTE Year 5</th>
<th>% Effort for Prg. Year 5</th>
<th>PY Year 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>TBD, MD Surgery</td>
<td>TBD</td>
<td>Tenure</td>
<td>Surgery</td>
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<tr>
<td>A</td>
<td>TBD, MD Surgery</td>
<td>TBD</td>
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<td>0.00</td>
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<td>1.00</td>
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<tr>
<td>A</td>
<td>TBD, MD Surgery</td>
<td>TBD</td>
<td>Tenure</td>
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<td>0.00</td>
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<tr>
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<td>TBD</td>
<td>Tenure</td>
<td>Surgery</td>
<td>Fall 2018</td>
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<td>0.00</td>
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Total Person-Years (PY) | 5.10 | 17.48

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Overall Totals | Year 1 5.10 | Year 5 17.48

Worksheet Table 4 Faculty