CST 6935 (1 credit hr)
June 9th, 16th, 23rd, 30th, July 7th
3:30-6:30 BEH 318

Course Topics Include:

- Grant/Proposal Writing
- Research Integrity
- Principles of Leadership
- IRB and IACUC Approval Process
- Identifying Funding Sources
- Developing Oral Presentation Skills
- Patents and Licensing

This course is reserved for masters and doctoral students and requires consent of instructor.

The first 20 students to be approved for registration will receive a tuition waiver for the course.

For further information or to request approval to register please contact Dr. Pollenz:
(rpollenz@grad.usf.edu)
USF GRADUATE SCHOOL
BECOMING A LEADER SERIES:
CST 6935: Building Research Skills
Summer 2009

LECTURE TIMES: 3:30-6:30PM, Tuesdays (June 9th, 16th, 23rd, 30th, July 7th)

LOCATION: BEH 318 (subject to change)

TEXT: No text required: Most Reading Materials will be provided through Blackboard.

PREREQUISITES: Graduate Standing

INSTRUCTORS: Karen D. Liller, Ph.D, Interim Dean of the Graduate School and Associate Vice President for Research and Innovation.
Rick Pollenz, Ph.D. Associate Dean, Graduate School

CONTACTS: kliller@grad.usf.edu
rpollenz@grad.usf.edu

OFFICE HOURS: Set up during course

COURSE GOALS: The goal of this course is to build leadership skills among graduate students with a focus on developing and strengthening research development, management, and presentation skills.

LEARNING OUTCOMES: Upon completion of the course students should be able to:

i) Locate funding opportunities using the web.
ii) Prepare an outline and specific aims portion of a grant/contract.
iii) Improve oral and written presentation skills.
iv) Describe the IRB, IACUC, and other certification processes.
v) Discuss issues related to responsible conduct of research.
vi) Discuss principles of research management.
vii) Develop a poster for presentation at a research conference.

GRADING: The course will be graded as S/U. Course grades will be based:

i) Preparation of a research proposal outline and specific aims (55%)
ii) Poster Preparation and Presentation (45%)
iii) Class participation (5%)

CLASS POLICY: Collegial conduct toward the instructor and classmates is expected in the classroom at all times. Use of cell phones is prohibited and they should be turned off or put on vibrate if an emergency situation is pending. Failure to adhere to this policy could result in a verbal reprimand or dismissal from the class.
ACADEMIC DISHONESTY

The Graduate School does not tolerate academic dishonesty of any kind. Engaging in plagiarism is a form of academic dishonesty, even though a student may plagiarize without any intent to be dishonest. A brief, yet informative, discussion of plagiarism may be found at: http://www.lib.usf.edu/public/index.cfm?Pg=Plagiarism.

ELECTRONIC DEVICES

The Graduate School prohibits the use of all electronic devices, including, but not limited to, programmable calculators, laptop computers, cell phones, and PDA’s, in classrooms and laboratories, unless the use of specific devices is permitted explicitly, and the conditions for use of those devices is specified by the instructor.

CONDUCT

Disruption of academic process’ is defined by the University as an act or words of a student in a classroom or teaching environment which, in the reasonable estimation of a faculty member, (a) directs attention from the academic matter at hand (e.g., noisy distractions; persistent, disrespectful or abusive disruptions of lecture, exam, or academic discussions) or (b) presents danger to the health, safety, or well being of the faculty member or students. Breach of these guidelines can result in dismissal from the classroom and an F grade.

ATTENDANCE:

Attendance is required and is the responsibility of the student. If a student misses a class, the course instructor has the prerogative to decide whether or not the student can make up the course content that was missed. The instructor is not obliged to allow the student to copy lecture notes, to provide class materials to the student, to give a make-up lecture to the student, to give a make-up examination to the student, or in any other way to ensure that the student obtains the course content that was missed due to an unexcused absence.

MISSED COURSE WORK

Acceptable reasons for requesting a make-up are medical (individual or immediate family only), legal (accident or court case; individual only), or funerary (immediate family only). Reasons for requesting a make-up must relate specifically to the time period of the missed coursework and be submitted to the instructor WITHIN 48hrs of the missed work. Reasons for requesting a make-up must be documented in writing by an involved professional. The instructor retains the right to make additional inquiries concerning the documentation. The instructor retains the right to give a make-up that is different in exact content and/or style than the missed coursework.

RELIGIOUS OBSERVANCES:

Students who anticipate the necessity of being absent from class due to the observation of a major religious observance must provide notice of the date(s) to the instructor in writing, by the second class meeting. See University policy on this matter at http://acad.usf.edu/wright.html.

DISABILITIES:

USF policy specifies that all programs are open to students with disabilities. Students with special needs must provide the instructor with documentation of those needs from Student Disability Services at the beginning of the semester.

LECTURE NOTES:

Students are not permitted to take notes or record lectures by any means for the purpose of sale. A recording MUST be through the consent of the instructor. Be aware that the notes and content of lectures are the instructors’ intellectual property.
## Summer 2009 Research Skills Course Schedule

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<th>DATE</th>
<th>CONTENT</th>
<th>ROOM</th>
<th>ASSIGNMENT</th>
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<tbody>
<tr>
<td>6/9</td>
<td>I. Introduction</td>
<td>BEH 318</td>
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<td>II. Principles of Leadership</td>
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<td>III. Research Integrity and Compliance</td>
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<td>6/16</td>
<td>I. The Grant Submission Process and Research Management</td>
<td>BEH 318</td>
<td>Project Outline</td>
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<td>II. Gaining IRB Approval</td>
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<td>III. IACUC Approval Process</td>
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<td>IV. Patents and Licensing</td>
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<td>6/23</td>
<td>I. Selecting a Research Topic/Project</td>
<td>BEH 318</td>
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<td>II. Finding Funding for Your Research</td>
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<td>III. The Basics of Grant Writing/Specific Aims</td>
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<td>6/30</td>
<td>I. Oral Presentation Skills</td>
<td>BEH 318</td>
<td>Poster Development</td>
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<td>II. Improving your Writing Skills</td>
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<td>III. Development of a Conference Presentation</td>
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<td>IV. Poster Development</td>
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<td>7/7</td>
<td>I. Students Presentations</td>
<td>BEH 318</td>
<td>Project outlines due</td>
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<td>II. Course wrap-up</td>
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<td>Posters due and Presented</td>
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<td>III. Evaluations</td>
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