NEW ANNOUNCEMENTS  OCTOBER 30, 2013 (SCROLL DOWN FOR MORE INFORMATION)

NEW! BioBasics: Biotech for the Non-Scientist - November 14-15
NEW! Institute of International Education Global Innovation Initiative - Due December 16, 2013
NEW! NSF Social, Behavioral and Economic Directorate’s Science, Technology & Society (STS) solicitation - Due February 1 and August 1, 2014
NEW! Pangaea Exploration at Sea Program - Accepting applications for January 4-12 (Bahamas) and March 8-16 (Cayman Islands)
NEW! National Institute of Standards and Technology Public Comment Period

EVENTS

Previously announced events are listed here: Events and Workshops

Screening of Documentary “Lawnswood Gardens”
November 1, noon, CU Building, Room 112
Free screening of a film about the influential Polish-Jewish social theorist Zygmunt Bauman. The showing will be followed by a discussion of the film and related issues moderated by FAU’s Richard Shusteman, the Dorothy F. Schmidt Eminent Scholar in the Humanities. This event is co-sponsored by the School of Communication and Multimedia Studies and The Center for Body, Mind, and Culture.

- Division of Research Lunch and Learn Series – Maria Mercedes Larrondo Petrie: Consortium of Latin American and Caribbean Engineering Institutions (LACCEI)
Wednesday, November 6, Noon – 1 p.m., Engineering East, Dean’s Conference Room 303C
Light lunch and beverages will be served
Future speakers include:
- November 15: Christopher Strain, Professor of American Studies, Topic: Rethinking Violence in American Life (EE 303C)
- November 20: Barbara Ridener, Chair, Department of Teaching and Learning, College of Education, Topic: Partnering for Systemic Transformation of Teacher Capacity: iTeach Partnerships (EE 303C)

NEW! BioBasics: Biotech for the Non-Scientist
November 14-15, 9:00 a.m. to 4:30 p.m. BioFlorida Headquarters, West Palm Beach
This two-day course for the non-scientist highlights science and technology concepts that are the basis of the biotechnology industry. The course is for participants that require a working knowledge of fundamental terms and applications. $845 for BioFlorida Members/$945 for Non-Members. For more information, visit: http://biotechprimer.com/classes/class-calendar/biobasics/item/117

- HBOI Ocean Science Lecture Series – Microbial Life in the Subsurface: Letting the Sequences Tell the Story
November 19, 10:30 a.m., Boca Campus PS 226- with videoconferencing to Davie LA148; HBOI LE103; Jupiter SR270

November 20, 7:00 p.m.- HBOI Education Center Auditorium

Dr. Jennifer Biddle, of the University of Delaware will present her research focusing on microorganisms living deep in marine sediments. Potentially surviving for thousands of years, these tiny organisms are unusual and unlike their surface relatives. It’s taken over a decade of study, but researchers are beginning to understand what these intraterrestrials are up to in the deep subsurface. This talk will explore the application of high throughput sequencing to study the microorganisms of this environment. Through metagenomes and metatranscriptomes, researchers are beginning to understand the cellular activity within this deep, extreme environment. For more information, contact Dennis Hanisak at dhanisak@fau.edu.

SAVE THE DATE! 2014 Florida Undergraduate Research Conference (FURC)

Abstracts due December 6
Event dates: February 21-22, 2014

FURC 2014 is an opportunity for all undergraduate students of Florida universities to present their work. FURC 2014 will take place in Miami at Florida International University, on February 21-22, 2014. Abstracts for presentation are due by December 6, 2013. For questions or concerns please call Allen Varela at, (305)-348-4100, or email arch@fiu.edu.

FUNDING OPPORTUNITIES

Previously announced funding opportunities are listed here: Sponsored Programs Funding Opportunities

- NSF Graduate Research Fellowship Program
  Due week of November 4
  The National Science Foundation's Graduate Research Fellowship Program (GRFP) helps ensure the vitality of the human resource base of science and engineering in the United States and reinforces its diversity. The program recognizes and supports outstanding graduate students in NSF-supported science, technology, engineering, and mathematics disciplines who are pursuing research-based master's and doctoral degrees at accredited U.S. institutions. The NSF welcomes applications from all qualified students and strongly encourages under-represented populations, including women, under-represented racial and ethnic minorities, and persons with disabilities, to apply for this fellowship. For more information, click here: http://www.nsfgrfp.org/.

- Florida Translational Research Program at Sanford-Burnham
  Due November 7, no later than 5:00 p.m. EST
  The purpose of the Florida Translational Research Program (FTRP) is to produce a pipeline of potential new medicines based upon laboratory research discoveries. The Program provides Florida-based scientists with access to experienced professionals and state-of-the-art technological resources for drug discovery to facilitate an interdisciplinary, collaborative approach to the establishment of a pipeline of potential new treatments for today's most challenging and unmet medical needs. The Program is funded by the state of Florida through the Florida Department of Health and is administered and performed by Sanford-Burnham Medical Research Institute at Lake Nona. Proposals are solicited twice a year - in the spring and fall. Active solicitations and Program forms are available for download by clicking here: http://www.sanfordburnham.org/technology/centers/cpccg/floridatranslationalresearchprogram/Pages/Program-Description.aspx.

- Association for Psychological Science (APS) Student Research Grants
  Due November 16
  APS provides grants to students to support research that is in initial development. The APSSC Student Grant Competition offers partial financial support for various research expenses (e.g., the purchase of research materials) prior to data collection. To find out more about the APS Student Grant Competition, click here, or contact the APSSC Graduate Advocate, Tatyana Kholodkov (apssc.graduate@psychologicalscience.org).
Faculty Research Seed Grant Program

Proposals due December 2

The Division of Research is pleased to announce the Faculty Research Seed Grant Program with a total funding available of $350,000. The third year of this program strives to foster increased extramural funding by facilitating the development of innovative research collaborations. The maximum award amounts are now $25,000 for Collaborative Awards and $7,500 for Individual Awards. A principal investigator may apply for both a Collaborative and an Individual award.

The objectives of the seed grant program are to:

- Encourage groups of researchers to collaborate on new avenues of research that otherwise would not be possible if explored independently.
- Assist early stage researchers to establish themselves as independent investigators by facilitating a record of preliminary research that will lead to successful grant applications in the future.
- Support researchers who received favorable reviews for their proposals but were unsuccessful with funding due to recommendations to perform additional research or testing.

While the competition strives to support excellence in all areas of funded research, an important aspect to consider this year is the opportunity for undergraduate students to work on the project as part of the Distinction Through Discovery QEP program. The number of awards funded will depend on the quality and types of proposals submitted. For more information about applying for the Faculty Research Seed Grant Program, click http://dorsrv1.fau.edu/SeedGrant.

NSF Partnership for Innovation: Building Innovation Capacity (BIC)

Required Letter of Intent Due November 18, due 5:00 pm local time
Full Proposal Submission January 27, 2014, due 5:00 pm local time

The NSF Partnership for Innovation: Building Innovation Capacity (BIC) program supports academia-industry partnerships to focus on post-discovery, academic-led research. Grants up to $800k for 3 years. There is a single funding competition each fiscal year. To learn more, please see the latest solicitation, NSF PFI: BIC 13-587. Each grant application must be preceded by a Letter of Intent.

- Partnerships consisting of 1 academic institution and at least 1 industry partner
- An interdisciplinary approach including at least the following 3 components: engineering; computer science; and social, behavioral, and/or cognitive science
- Building technological innovation capacity with significant potential for economic and societal impact
- Building human innovation capacity by activating academe-industry partnerships and developing the next generation of entrepreneurs (students and post-docs)
- Current Topic: Key platform technologies that enable "smart" service systems

Limit on Number of Proposals per Organization: 2
Academic institutions are limited to participation on two (2) proposals as a lead institution. A lead academic institution that has submitted a proposal has the option to participate as a subawardee on any other proposal submitted under this solicitation. Lead academic institutions that have submitted a proposal may also provide consultants to other proposals submitted under this solicitation.

Limit on Number of Proposals per PI: 1
Please note, what this program seeks this round is a very different end point: It seeks to advance platform technologies so as to enable “smart” or “smarter” service systems. Some may be able to prepare a proposal that fits in this time frame; others may need some further gestation time.

If you are interested in pursuing this grant, please contact Camille Coley at ccoley@fau.edu.

NEW! Institute of International Education Global Innovation Initiative

Due December 16, 2013
IIE just launched a new U.S. State Department-sponsored grant competition. The Global Innovation Initiative is a grant competition created to strengthen higher education research partnerships between the United States, the United Kingdom and four other countries: Brazil, China, India, and Indonesia. Awards of up to $250,000 will be granted to multilateral research partnerships on topics of global significance in the fields of science, technology, engineering, and mathematics (STEM) in the following four areas:

- Energy, climate change, and the environment
- Agriculture, food security, and water
- Public health and wellbeing
- Urbanization

The Global Innovation Initiative presents a great opportunity to engage in international research collaboration. More information about the initiative and application process is on the website: [www.global-innovation-initiative.org](http://www.global-innovation-initiative.org).

**Division of Research Active Internal Awards**

The Division of Research would like to remind you that, in addition to the currently open Faculty Seed Grant Awards, three other award opportunities are available:

- Researcher and Scholar of the Year: Applications due January 27, 2014
- Faculty Mentoring program: Applications due January 10, 2014
- Dissertation Year Award: Applications due March 21, 2014

Information about these awards can be found at: [http://www.fau.edu/research/internal_awards.php](http://www.fau.edu/research/internal_awards.php).

**NEW! NSF Social, Behavioral and Economic Directorate’s Science, Technology & Society (STS) solicitation**

**Due February 1 or August 1, 2014**

STS considers proposals for scientific research into the interface between science (including engineering) or technology, and society. STS researchers use diverse methods including social science, historical, and philosophical methods. Successful proposals will be transferrable (i.e., generate results that provide insights for other scientific contexts that are suitably similar). They will produce outcomes that address pertinent problems and issues at the interface of science, technology and society, such as those having to do with practices and assumptions, ethics, values, governance, and policy.

The STS review process is approximately six months. It includes appraisal of proposals by ad hoc reviewers selected for their expertise and by an advisory panel that meets twice a year. The deadlines for the submission of proposals are February 1st for proposals to be funded as early as July, and August 1st for proposals to be funded in or after January. For more information, visit: [http://www.nsf.gov/pubs/2012/nsf12509/nsf12509.pdf](http://www.nsf.gov/pubs/2012/nsf12509/nsf12509.pdf).

Previously announced funding opportunities are listed here: [Sponsored Programs Funding Opportunities](#).

**ANNOUNCEMENTS**

**NEW! Pangaea Exploration at Sea Program**

**Accepting applications for January 4-12 (Bahamas) and March 8-16 (Cayman Islands)**

This program is geared toward students, graduates or individuals working towards a career in environmental science or ocean conservation and outreach. Pangaea Exploration, in collaboration with Dr. Keene Haywood from the University of Miami, has developed a unique program to train scientists in the science of research and world exploration. This comprehensive program contains modules that cover the full spectrum of expedition planning from food provisioning to mechanics to emergency response. Areas of emphasis include: International Transit with a focus in Customs and Immigration and Cultural Sensitivity, Navigation and Remote Communication Techniques and Mobile Apps for Data Collection and Emerging Technologies in Scientific Research. So researchers may gain expertise in obtaining funding for projects and raising awareness, instruction will be given on the dissemination of findings.
This expedition is open to anyone who would like to gain experience in how to conduct expeditions and may potentially be used to gain credit towards a degree. You will also receive two International Yacht Training certificates (on completion of an exam): IYT Introduction to Boating and International Crew; and VHF Radio Operator. The same program will be offered in March 2014 in the Cayman Islands.

**NEW! National Institute of Standards and Technology Public Comment Period**

The National Institute of Standards and Technology will soon announce in the Federal Register that it will open a 45-day public comment period on its just released Preliminary Cybersecurity Framework under Presidential Executive Order 13636 issued Feb. 12, 2013. NIST also plans to hold a workshop to discuss the Preliminary Framework—including implementation and further governance—Nov. 14 and 15, 2013, at North Carolina State University. The agenda is now available here. Visit http://www.nist.gov/itl/csd/5th-cybersecurity-framework-workshop-november-14-15-2013.cfm for more information and to register. The NIST Framework, developed in collaboration with industry, provides guidance to organizations on managing cybersecurity risk. A key objective of the Framework is to encourage organizations to consider cybersecurity risk as a priority similar to financial, safety, and operational risk while factoring in larger systemic risks inherent to critical infrastructure.

**Posters on the Hill**
**Due November 4**

The Council on Undergraduate Research is calling for poster abstracts to be presented at its 18th annual undergraduate poster session on Capitol Hill, in Spring 2014. During this evening poster session, participants in undergraduate research will be able to speak to members of Congress and the Senate about their work. This session helps to promote the continual funding of undergraduate research from the U.S. Legislative Branch. For more information, click here.

**Creating the Citizens of Tomorrow: Undergraduate Research for All**
**Presentation submission deadline November 15**

The Council on Undergraduate Research, CUR, is hosting its 16th national conference, “Creating the Citizens of Tomorrow: Undergraduate Research for All,” in Washington, DC. With the conference in our nation’s capital, CUR will highlight cross-disciplinary connections and collaborations among higher education, government agencies and non-profit organizations. CUR’s goals are to encourage broad participation in undergraduate research and to make visible its benefits to students, faculty, colleges and universities. The conference will be held from June 28-July 1, 2014, at the Renaissance Washington Hotel. For more information, click here.

**Research Achievements**

**Robert Stackman Jr.,** Ph.D., associate professor of psychology and neuroscience at the Charles E. Schmidt College of Science, published a manuscript about the neuroscience of long-term memory in rodents in the journal Current Biology. His study demonstrated that the rodent hippocampus plays a critical role in memory for objects and is much more similar to the human hippocampus than had previously been believed. Given the similarity between the rodent and human hippocampus, scientists will now have the ability to use rodents to test drugs to treat human memory disorders.

**Nancy R. Romance,** Ph.D., professor of teaching and learning at the College of Education was awarded an NSF grant of $845,892 for a project titled, “An Integrated Instructional Model for Accelerating Student Achievement in Science and Literacy in Grades 1-2.” The project proposes increasing the instructional time for in-depth science instruction as a means for accelerating student achievement in both reading and science. The total for the three year award is $2,334,609.

**FAU Research in the News**

FAU Engineering Honor Society Students Promote STEM in Local Schools with MindSET Program--
October 23, 2013

FAU's Charles E. Schmidt College of Medicine 1 of 15 Nationally to Receive Planning Grant from the National Institutes of Health (NIH) to Increase the Diversity of the NIH-funded Workforce - October 23, 2013

FAU Faculty Awarded NIH Grant to Study Effect of 'Sit N Fit' Chair Yoga Program on Osteoarthritis Patients - October 23, 2013

FAU's Charles E. Schmidt College of Medicine Researchers Call for More Research on Alternative Medicine Therapies for Low Back Pain - October 21, 2013

FAU Harbor Branch to Host National Workshop on Global Issues Facing Estuaries – October 18, 2013

FAU's Charles E. Schmidt College of Medicine Professor is Senior Author on American Association of Clinical Endocrinologists Consensus Statement on Diabetes-cancer Relationship - October 15, 2013

FAU Professor to Serve as German Research Ambassador – October 9, 2013

This e-bulletin is produced by the Office of Research Communications. If you have any news you would like to include, please email Paige Garrido at pgarrido@fau.edu.