NEW ANNOUNCEMENTS  OCTOBER 23, 2013  (SCROLL DOWN FOR MORE INFORMATION)

NEW!  Screening of Documentary “Lawnswood Gardens”-November 1
NEW!  Association for Psychological Science (APS) Student Research Grants- Due November 16
NEW!  Faculty Research Seed Grant Program- Proposals due December 2
NEW!  Division of Research Active Internal Awards
NEW!  Interim Guidance on Resumption of NIH Extramural Activities
NEW!  Resumption of Operations at the National Science Foundation
NEW!  Posters on the Hill- Due November 4
NEW!  Creating the Citizens of Tomorrow: Undergraduate Research for All- Presentation submission deadline November 15

EVENTS
Previously announced events are listed here: Events and Workshops

Division of Research Lunch and Learn Series – Giving Voice to Adolescent Females Who Self-Injure
Wednesday, October 30, Noon – 1 p.m., Engineering East, Dean’s Conference Room 303C
Light lunch and beverages will be served
Every scar tells a story and adolescent females who cut themselves often are using their skin as a canvas upon which they tell their stories. Rhonda Goodman, PhD, ARNP, FNP-BC, NCSN, AHN-BC, Assistant Professor in the College of Nursing will explore some of the stories told by the girls themselves via digital storytelling.

Future speakers include:

- November 6: Maria Mercedes Larrondo Petrie, Associate Dean of International Affairs & Professor, Computer Science & Engineering, Topic: Consortium of Latin American and Caribbean Engineering Institutions (LACCEI) (EE 303C)
- 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!  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.

- 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.

FUNDING OPPORTUNITIES

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

- Water Environment Research Foundation (WERF)

Due October 30

WERF has issued two new Requests for Proposals (RFP) to support the Resource Recovery research program. The overarching goal of WERF’s Resource Recovery challenge is to transition the wastewater treatment industry to one focused on resource recovery (starting with nutrients) with the vision that most, if not all, materials in wastewater can be commoditized. WERF has also issued the third Request for Proposals (RFP) to support the Energy Production and Efficiency research program. The overarching goal of WERF’s Energy program is to develop information that will support net energy neutrality at all wastewater facilities that treat flows of five million or more gallons per day. For information about these and other RFPs, visit: http://www.werf.org/i/Funding/Open_RFPs/c/zMiscellaneous/Requests_for_Proposa.aspx?hkey=05bda2a1-23af-4891-badf-815b2960d4f3

- 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.

The goals of the FTRP are to implement a variety of innovative biochemical and cell-based assays to interrogate biological targets or processes for which there are limited selective and potent small-molecule modulators available; to execute high-throughput screens; and to develop lead compounds suitable for use in vivo.

To meet these objectives the Program seeks three types of early drug discovery project proposals:

- **Concept or assay development projects for use in pre-therapeutic discovery via high-throughput screening.** This solicitation invites proposals for the development of innovative biochemical and cell-based assays for biological targets, pathways, or processes for which there are limited selective and potent small-molecule modulators available.

- **High-throughput screening (HTS)-ready assays.** This solicitation seeks well-developed, HTS-ready assays suitable for high-throughput screening of the Sanford-Burnham library of compounds for the purpose of identifying small-molecule modulators of the target, pathways, or processes of interest.
Validated hits for the discovery of pre-therapeutic lead compounds. This solicitation invites proposals that aim to further research and development of existing small-molecule chemical scaffolds for use in vivo.

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.

**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/.

- **NEW! 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 Khodokov (apssc.graduate@psychologicalscience.org).

- **NEW! 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) (Limited Submission)**

**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.
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

This is a limited submission application process. The Division of Research will be posting instructions for how the applications will be selected to move forward from FAU shortly.

**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.

- **NEW! 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! Interim Guidance on Resumption of NIH Extramural Activities**

- **NEW! Resumption of Operations at the National Science Foundation**
The National Science Foundation (NSF) is emerging from a 16-day funding lapse that severely limited our ability to conduct our mission to advance the progress of science and engineering. This page ([http://www.nsf.gov/bfa/dias/policy/postshutdown.jsp](http://www.nsf.gov/bfa/dias/policy/postshutdown.jsp)) provides guidance regarding the resumption of operations at NSF following the shutdown. NSF will continue to update this page as more information becomes available. General shutdown questions should be directed to the Policy Office in the Division of Institution & Award Support at policy@nsf.gov.

- **Eugenics: Race, Public Health and the Science of Nationalism**
  **Abstracts Due November 1**
The Dorothy F. Schmidt College of Arts and Letters and the Center for Holocaust and Human Rights Education invite proposals for participation in an academic symposium to be held on February 10, 2014 in conjunction with the on-
going exhibition “Deadly Medicine: Creating the Master Race” on display in the Schmidt Galleries from December 12, 2013 to February 14, 2014. Scholars are encouraged to propose 15 minute presentations as individual papers or panels of three to four papers. We welcome panels consisting of undergraduates and faculty mentors and/or undergraduates and graduate students. Please send abstracts for individual papers or proposals for panels to letters@fau.edu by November 1, 2013. For additional information, contact Interim Associate Dean of Research, Dr. Michael J. Horswell horswell@fau.edu.

**NEW! 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.

**NEW! 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, recently 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 1of 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
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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.