NEW! Webinar: Undergraduate Research as a Pipeline - October 9, 2013
NEW! Research Park at FAU Presents: Affordable Care Act - October 15, 2013
NEW! Webinar: BioFlorida’s “How to Win at the Partnering Game” – October 23, 2013
NEW! Broward Undergraduate Student Research Award Nominations - Due October 11, 2013
NEW! Memorandum of Understanding Signed for IP Patents
NEW! FAU Neuroscientists Receive Patent for 5D Visualization Method to Understand Big Data - October 3, 2013

Previously announced events are listed here: Events and Workshops

NEW! Webinar: Undergraduate Research as a Pipeline
October 9, 2013, 3-4 p.m.
The Professional Science Master’s (PSM) Program is offering an online seminar to share early developments and reveal current and exciting trends in the PSM community, and how undergraduate research experiences can be an excellent springboard to PSM programs, and careers in business and industry. Click here to register.

Write Winning Grant Proposals Workshop
October 11, 2013, 8:00 a.m. to 4:45 p.m., Office Depot Center Room 102/103
Only a few seats left!
Faculty of all levels who are interested in growing their research endeavors and who plan to submit a competitive grant proposal within the next six months are invited to participate. The Division of Research is proud to host Grant Writers’ Seminars and Workshops, LLC, an organization founded by academicians for academicians seeking research funding (http://www.grantcentral.com). This widely acclaimed seminar is designed for those who have had some exposure to writing grant applications, either through training/mentoring or personal experience. Emphasis is given to such things as idea development, identification of the most appropriate granting agency, how to write for reviewers, and tips and strategies that are of proven value in presenting an applicant’s case to reviewers. Participants are taught to organize their presentations using a linear progression of logic, which leads reviewers through their applications. It is stressed that applicants are writing for two different audiences – the assigned reviewers, who have read the application in its entirety, and those who have read little, if anything, before the review meeting. Register here.

Webinar: NSF Partnership for Innovation: Building Innovation Capacity (BIC) (Limited Submission)
October 11, 2013, 1:30 -3:00 p.m. and October 23, 2013, 1:30 -3:00 p.m.
The Division of Research encourages you to participate in a webinar to learn about the NSF Partnership for Innovation: Building Innovation Capacity (BIC) program which supports academia-industry partnerships to focus on post-discovery, academic-led research. (See more information under Funding Opportunities. Note: 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.)
To register for the webinars, click the link(s) below:
Friday, October 11, 2013, at 1:30pm-3:00 pm EDT
Please join 5 to 15 minutes before the start of the webinar to ensure that you will be able to connect properly. The webinar will provide details related to the PFI:BIC solicitation which focuses on advancing platform technologies so as to enable “smart” or “smarter” service systems.
Please click HERE for FRIDAY, OCTOBER 11 - HOST: SARA NERLOVE.

Wednesday, October 23, 2013, at 1:30-3:00 pm EDT
Please join 5 to 15 minutes before the start of the webinar to ensure that you will be able to connect properly. The webinar will provide details related to the PFI:BIC solicitation which focuses on advancing platform technologies so as to enable “smart” or “smarter” service systems.
Please click HERE for WEDNESDAY, OCTOBER 23 - HOST: SARA NERLOVE

NEW! Research Park at FAU Presents: Affordable Care Act
October 15, 2013, 8:30 a.m. to noon
By January 1, 2014, most Americans will be required to have some form of health insurance under the Affordable Care Act. Learn how the healthcare law affects you and your business. Click here to register.

Division of Research Lunch and Learn Series – Infant Neurophysiology and Mother-Infant Socio-Emotional Engagement Across the First 6-months of Life
Wednesday, October 16, Noon – 1 p.m., SU 80, Room 113
Light bites and beverages will be served
Developmental scientists have commonly asserted that early experiences have an impact on later developmental outcomes. In a series of studies, members of our lab examine variations in mother-initiated feeding and affectionate engagement and the associated changes in infant neurophysiological and socio-emotional development. Dr. Jones will review the research studies that demonstrate that brain development is impacted during infancy as a corollary of the more optimal mother-infant affectionate touch inherent during stable breastfeeding. Associate Professor of Psychology, Dr. Jones' research is built on the developmental psychophysiological theory in which both biological and social factors interact during development and influence our emotional lives. Current theories and research into brain development indicate that the frontal lobes continue to develop throughout early childhood. Her lab’s goal is to examine the factors that contribute to risk and resilience in the development of frontal lobe function and emerging emotional competence. Dr. Jones is a 2013 Faculty Research Seed Award winner and has been a faculty member in Psychology for over 15 years. Please register in advance:
https://docs.google.com/a/fau.edu/forms/d/1Ns2bKlaq19yiMGqnp7tCNvPzdPuc5VrwK7sXZaR6alUl/viewform

Future speakers include:
- October 30: Rhonda Goodman, Assistant Professor, College of Nursing, Topic: Giving Voice to Adolescent Females Who Self-Injure
- November 6: María 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)

Sea Level Rise Summit 2013: Resilience in the Face of Change
October 16 – 17, 2013, Ft. Lauderdale
Florida Atlantic University's Center for Environmental Studies will be hosting Sea Level Rise Summit 2013: Resilience in the Face of Change. As a follow up to our successful 2012 Sea Level Rise Summit, this year's summit is in partnership with the 2013 Association of Collegiate Schools of Architecture's (ACSA) 4th Biennial Subtropical Cities Conference: Braving a New World: Design Interventions for Changing Climates. The Sea Level Rise Summit 2013 will be held October 16th & 17th in the City of Fort Lauderdale. On the evening of the 17th, a joint keynote speaker will officially open the Subtropical Cities and ACSA Conference which will continue through to October 19th. Focusing on the economy and built environment, the Summit will address the issues professionals face in adapting to sea level rise (SLR) and other climate change related impacts. To register via email, please contact Mary Beth Hartman for the electronic registration form or for more information visit: www.ces.fau.edu/SLR2013/
Research Involving Human Subjects Workshops  
**Thursday, October 17 and Friday, October 18**

The Division of Research will hold two days of workshops led by George Gasparis, formerly of the Office of Human Research Protections at NIH, Columbia University, and now President of The PEER Consulting Group. The purpose of these workshops is to educate FAU’s faculty and students about the best practices for facilitating your research, the IRB review process as well as the regulations behind this process. As an incentive, you will be able to earn attendance credits that will substitute for 1 year of the CITI Refresher Course. So that we can best tailor the agenda to your needs, please complete a brief, 5 minute survey located at: http://www.surveymonkey.com/s/CKKPQW8. Questions? Contact Elisa Gaucher, FAU Division of Research, at 561-297-0777 or egaucher@fau.edu.

**Webinar - How Much is your Intellectual Property Really Worth?**  
**October 23, 2013, 1:00-2:30 p.m.**

NCET2 Research Commercialization and SBIR Center hold relevant free webinars for the benefit of the university and innovation community. This series of webinars will explore various advanced IP topics with the assumption of a basic understanding. The focus of this webinar series is to help bridge the knowledge gap on Intellectual Property Law Issues between the US Government and various stakeholders in the “University-Based Startups Innovation Ecosystem”. A key attribute that make this webinar series unique from other programmatic endeavors is the ability to directly deliver “Thought Leaders” in the field who will address various IP issues from an applied, pragmatic, and deeply experienced viewpoint. Through participation in this webinar program, the audience will be afforded both the opportunity to understand and retain best practices when deriving appropriate IP-Strategic Frameworks coupled with Business and Technology Development, as well as gain access to a much more comprehensive and holistic viewpoint on why Intellectual Property law is such an important economic tool in the “Entrepreneur’s Toolkit”. To register, visit: http://center.ncet2.org/index.php?option=com_content&view=article&id=445&Itemid=87

**NEW! Webinar – BioFlorida’s How to Win at the Partnering Game**  
**October 23, 2013, 1:00-2:00 p.m.**

Speaker Linda Pullan will provide an overview of biotech and pharmaceutical partnering. Whether it’s partnering from preclinical to late clinical development to providing an understanding of what to expect in moving from introductions to negotiations of a license or acquisition or how to win with a clear strategy. If you’re thinking about doing a deal, this overview should be helpful and fun. You will learn when to consider a partner, what to expect in the partnering process, what your partnering strategy should include and common misconceptions. Register here.

**Eugenics: Race, Public Health and the Science of Nationalism**  
**November 1, 2013**

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 ongoing 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.

**Funding Opportunities**

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

*NEW! Broward Undergraduate Student Research Award Nominations*  
**Due October 11,2013**

FAU undergraduate students who take classes on the Davie or Fort Lauderdale campuses and who are engaged in research or creative activity under the mentorship of a Broward-based faculty member may be nominated for a $2,000 award to support the student’s work. For the nomination form, click here. Please direct questions to
- **Oak Ridge Associated Universities - Ralph E. Powe Junior Faculty Enhancement Program**

**One-page abstract due October 11, 2013**

The Ralph E. Powe Junior Faculty Enhancement Awards provide seed money for research by junior faculty at Oak Ridge Associated Universities (ORAU) member institutions. These awards are intended to enrich the research and professional growth of young faculty and result in new funding opportunities. The research project must be in one of the following five disciplines: Engineering and Applied Science; Life Sciences; Mathematics/Computer Sciences; Physical Sciences; Policy, Management, or Education. To be eligible to apply, you must be a full-time assistant professors within two years of their initial tenure track appointment at the time of application are eligible.

The deadline for the 2014-15 Ralph E. Powe Junior Faculty Enhancement Awards program is **Jan. 10, 2014**. Because each ORAU member councilor may only submit two applications each year, please submit a one-page abstract to: limited@fau.edu no later than 5:00pm on **October 11, 2013**. The abstract should explain:

- research goals and objectives and relevant background
- expected research outcomes and relevance
- competence of the applicant to perform the proposed research
- the available research facilities and resources
- and a brief budget justification

The applicant’s institution is required to match the award with at least an additional $5,000. This is a one-year grant (June 1 to May 31). This award can include funds for faculty summer salary, graduate student salary, travel, equipment, or other assistance relevant to the faculty’s research. ORAU does not allow overhead charges or indirect costs on the award from ORAU or the university match.

For more information, go to: [http://www.orau.org/university-partnerships/faculty-student-programs/powe/](http://www.orau.org/university-partnerships/faculty-student-programs/powe/)

If you have any questions about the FAU internal process or the ORAU program generally, please contact Camille Coley, Asst. VP for Research at: ccoley@fau.edu or 561-294-3461.

- **Call for Undergraduate Research Grant Applications**
  **Due Tuesday, Oct. 15, 2013**

The Undergraduate Research Grants program provides funding for undergraduate students from all disciplines interested in participating in independent research and creative projects in collaboration with FAU faculty. The research or creative activity conducted by the student generally takes diverse forms of directed research, such as independent study, work on an honors thesis or part of a larger ongoing study under the direct supervision of a faculty member, rather than work conducted to fulfill regular course or seminar requirements. For more information and application process, visit the [webpage](http://www.orau.org/university-partnerships/faculty-student-programs/powe/) or email ouri@fau.edu.

- **Water Environment Research Foundation (WERF)**
  **Due October 30, 2013**

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_Proposal.aspx?hkey=05bda2a1-23af-4891-badf-815b2960d4f3](http://www.werf.org/i/Funding/Open_RFPs/c/zMiscellaneous/Requests_for_Proposal.aspx?hkey=05bda2a1-23af-4891-badf-815b2960d4f3)

- **NSF Graduate Research Fellowship Program**
Due Early November
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/.

NSF Partnership for Innovation: Building Innovation Capacity (BIC) (Limited Submission)
Required Letter of Intent Due November 18, 2013, 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

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.

NSF International Science & Engineering Section’s East Asia & Pacific Summer Institutes (EAPSİ) Program
Due November 25
The National Science Foundation International Science & Engineering section would like to make you aware of an opportunity for U.S. graduate students to participate in research experiences in summer 2014 through the East Asia & Pacific Summer Institutes (EAPSİ) program. EAPSİ supports 200-205 graduate students each year to do research in the lab of their choice in any of seven locations: Australia, China, Japan, Korea, New Zealand, Singapore or Taiwan. Each institute has a fixed start and end date, and includes a pre-departure orientation near NSF and an in-country language and culture orientation. An EAPSİ award includes a $5,000 stipend and round trip air ticket provided by NSF, and a living allowance provided by NSF’s counterpart funding agency in the host location. The program is open to U.S. citizens and permanent residents enrolled in research-oriented graduate programs in NSF-funded STEM fields. The U.S. graduate student is the PI on an EAPSİ proposal. The application deadline is November 25, 2013. The EAPSİ program announcement 13-593 and related information are available at
EAPS is an excellent opportunity for U.S. graduate students to advance their research in collaboration with high-caliber scientists and engineers in East Asia and to build professional networks in a scientifically important region of the world. The program is entirely funded by ISE and our international partners: there is no cost to NSF directorates or to your PIs. It’s an excellent opportunity to leverage our resources to advance international research and education opportunities for your community. We invite you to share this mail or the link with PIs, graduate students, and others in your community who may benefit from the EAPS opportunity.

Informational Webinars will be conducted on Friday, September 27, 2013, at 3:00 pm ET and on Thursday, October 10, 2013, at 1:00 pm ET. To join the Webinars, go to https://nsf.webex.com/nsf/j.php?Ed=222467337&UID=501959617&PW=NNmMjM2JlM%3D%3D

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

ANNOUNCEMENTS

- NEW! Memorandum of Understanding Signed for IP Patents
  The Office of Technology Development is pleased to announce that a memorandum of understanding was signed on September 26, 2013 with an intention to license two patents from the IP portfolio of recently deceased FAU Professor Emeritus Dr. William Glenn to create handheld ultrasound scanners. The two Norwegians, Dr. Trygve Burchardt and Mr. Rune Nystad, are associated with Norwegian-government funded entrepreneurial organizations based in Oslo and within the Arctic Circle www.futurum.no. These individuals will return to FAU on November 4, 2013 to sign a license for the patents.

FAU RESEARCH IN THE NEWS

NEW! FAU Neuroscientists Receive Patent for 5D Visualization Method to Understand Big Data- October 3, 2013
FAU to Host Second Annual Sea Level Rise Summit- September 25, 2013
FAU Davie to Host Nobel Laureate Paul Krugman on Teaching Economics in Post-Recession America- September 23, 2013
FAU’s MacArthur Campus to Host ‘The Next Attempt for Life on Earth’ Exhibition by Rick Newton through October 15- September 11, 2013
FAMU and FAU Collaborate on New Medical Scholars Program (MSP)- September 4, 2013
FAU PROPEL Hosts Completion Ceremony- September 4, 2013
FAU’s College of Business to Honor Jordan Zimmerman with 2013 Business Leader of the Year Award- September 4, 2013
FAU Harbor Branch Hires Two New Researchers – August 30, 2013
Charles E. Schmidt College of Medicine Professor and Colleagues from FAU, SUNY Downstate and Harvard Publish Need for Wider Utilization of Statins in Prevention and Treatment of Heart Attacks and Strokes- August 28, 2013
FAU’s Southeast National Marine Renewable Energy Center Celebrates Key Milestone to Establish the World’s First Offshore Test Site to Capture Ocean Current Energy- August 12, 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.