NEW ANNOUNCEMENTS MARCH 12, 2014 (SCROLL DOWN FOR MORE INFORMATION)

- NEW! Limited Submission Announcement: National Science Foundation (NSF) -High Performance Computing System Acquisition- Due March 19, 2014
- NEW! Broward Undergraduate Research Grant - Due March 24, 2014
- NEW! Presidential Innovation Fellows: Announcing Round 3! - Due April 7
- NEW! Call for Faculty Judges at Research Symposia - Deadline March 14, 2014
- NEW! Looking for Peer Reviewers: The International and Foreign Language Education Office

EVENTS
Previously announced events are listed here: Events and Workshops

- Frontiers in Science Public Lecture Series
The Charles E. Schmidt College of Science invites you to its Spring Lecture Series. All lectures are held on Fridays at 3:30 p.m. in the College of Medicine Building, Room 126 (Building BC71) on the Boca Raton Campus. This series is supported by the FAU Lifelong Learning Society Endowed Professorship in Science. No RSVP necessary. For more information, visit: http://www.science.fau.edu/frontiers/poster_spring_2014.pdf.
March 28: “Message without a Bottle: Coding to Send and Receive Information Safely” – Ivelisse Rubio, Ph.D., University of Puerto Rico, Rio Piedras

Upcoming FAU Research Symposia
Friday, March 21: College of Science Research Day
Friday, March 28: Undergraduate Research Symposium -- Abstracts due February 28
Friday, April 4: Graduate and Professional Student Association Research Day- Abstracts due March 4
Friday, April 11: Honors College Symposium for Research and Creative Projects- Abstracts due March 21
For more information, visit: http://fau.edu/research/research_symposia_spring2014.php.

- Successful Grantsmanship Professional Development Seminar
Tomorrow! March 13, noon to 1:30 p.m., PS 226 (VC to Davie SD 217, Jupiter SR 200, HBOI LE 103) – Speaker Salvatore Lepore
April 9, noon to 1:30 p.m., PS 226 (VC to Davie LA 150, Jupiter SR 200, HBOI LE 103) – Speaker Dale Gawlik
April 17, noon to 1:30 p.m., PS 226 (VC to Davie LA 150, Jupiter SR 200, HBOI LE 103) – Speaker Xavier Comas
The Charles E. Schmidt College of Science’s Master Researcher program is pleased to announce the creation of professional development seminars aimed at enhancing the research culture and increasing external funding. These professional development seminars are designed for faculty and graduate students to explore the fine points of obtaining grant funding. Three of the College’s top funded researchers - Salvatore Lepore, Dale Gawlik and Xavier
Comas – will discuss balancing scholarship, research and obtaining funding as well as experiences with various funding agencies and issues that are highly tailored to the FAU environment. Register in advance. For more information, contact Zhixiao Xie or Paige Garrido.

**Charles E. Schmidt College of Science to Host “Pre-Health Professions Day”**

March 17, noon to 3:30 p.m., Sanson Life Sciences Building Patio

FAU’s Charles E. Schmidt College of Science will host “Pre-Health Professions Day” on Monday, March 17 from noon to 3:30 p.m. on the east patio of the Sanson Life Sciences Building. The annual event connects students, alumni and the community with detailed information about health-related graduate education programs. Participants will have an opportunity to speak with admission representatives from various health-related graduate and professional programs, including chiropractic; dental; exercise and health promotion; medicine; nursing; occupational therapy; optometry; pharmacy; physical therapy; physician assistant; podiatry; and veterinary medicine. The admission representatives will share information about specific programs, answer related questions and provide information about unique opportunities within their programs. Organizations scheduled to appear in a school showcase include the University of Central Florida College of Medicine, University of South Florida College of Medicine, Florida State University College of Medicine, Florida Atlantic University College of Medicine, Nova Southeastern University College of Osteopathic Medicine, Palm Beach Atlantic University College of Pharmacy and more. The event is free and open to the public. For more information, call 561-297-3700, email preprof@fau.edu.

**Teaching with Technology Showcase**

April 5, 2014, College of Engineering East building on the Boca Raton campus

OIT and the Center for E-Learning are working together to host another Teaching with Technology Showcase. Currently there is an open Call for Proposals, with a deadline of February 28th. It will be a full day centered on how FAU faculty use technology to teach; and most especially allowing them time to interact with colleagues in order to discuss this. For more information, visit: www.fau.edu/teach-with-technology.

**Teaching about Risk and Resilience: Sea Level Rise, Flooding, and Earthquakes**

May 14-16, FAU

Presented by InTeGrate, this workshop will focus the pedagogy of risk and resilience and will include a local emphasis on sea level rise and flooding, contrasting these risks with California earthquakes and is open to 30 faculty (by application). No registration fee to attend. Participation for non-academics is by invitation. Workshop stipends are available to help defray travel expenses in cases of financial need. Accepted participants are expected to contribute teaching materials to a new web-based collection devoted to teaching about risk and resilience across the disciplines. For more information, visit: http://serc.carleton.edu/integrate/workshops/risk_resilience/overview.html.

**NEW! Modeling Mucosal Immunity (MMI) Summer School Program and Symposium**

June 9-14, 2014, Virginia Tech

The ORAU University Partnerships Office is pleased to provide the information below regarding a program available to all institutions. This notice is a service to ORAU Sponsoring and Associate Institutions. The Virginia Bioinformatics Institute at Virginia Tech will be hosting this year’s Modeling Mucosal Immunity (MMI) Summer School Program and Symposium from June 9-14, 2014. The program is intended for experimental immunologists who wish to gain or expand their understanding of the computational modeling tools used to study immune responses. You may find detailed information about the program and how to register at http://www.modelingimmunity.org/education/summer-school/ or contact Kathy O'Hara at kohara1@vbi.vt.edu.

**FUNDING OPPORTUNITIES**

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


Abstracts are due to the Division of Research on March 19, 2014

The intent of this solicitation is to request proposals from organizations willing to serve as Resource Providers within the NSF eXtreme Digital (XD) program. The current solicitation is intended to complement previous NSF investments.
in advanced computational infrastructure by exploring new and creative approaches to delivering innovative computational resources to an increasingly diverse community and portfolio of scientific research and education.

Competitive High Performance Computing System Acquisition proposals must address one or more of the following:

- Complementing existing XD capabilities with new types of computational resources attuned to less traditional computational science communities;
- Incorporating innovative and reliable services within the HPC environment to deal with complex and dynamic workflows that contribute significantly to the advancement of science and are difficult to achieve within XD;
- Introducing new, flexible, and highly usable capabilities such as cloud computing into XD to meet national-scale requirements for new modes of computationally intensive scientific research;
- Introducing new capabilities and/or reaching new communities by establishing novel, highly usable connections to other non-XD parts of the national cyberinfrastructure. For example, these might include connections to other domain-specific centers housing software, sensors or instrument data thus enabling new advances in computational science;
- Exploring new effective modes of engagement with campus cyberinfrastructure;
- Expanding the range of computationally challenging science and engineering applications that can be tackled with current XD resources. Again ease of access and usability are critical; and
- Providing reliable approaches to scientific communities needing a flexible and user friendly environment. This can be achieved in a variety of ways and the proposal should explicitly provide details on how that would be achieved by their approach.

Hardware acquisition must provide a high degree of stability and usability by no later than January, 2016. Note, that proposals to add new and innovative features to currently deployed systems are eligible for consideration.

**Limit on the number of full proposals per organization:** Only one proposal per institution.


Since NSF limits the number of proposals, the Division of Research is conducting a pre-proposal selection process. If you are planning to develop a High Performance Computing System Acquisition proposal, please submit a summary of your planned application (No more than 5 pages) by March 19, 2014. The finalist will be asked to represent Florida Atlantic University and to submit their proposal to the NSF by the May 14, 2014 deadline, allowing for a five-day review period by the Office of Sponsored Programs.

For more information, please contact: Camille Coley at ccoley@fau.edu or (561) 297-3461.

Include the following in your submission:

- Title of Project
- NSF Program Title and/or funding opportunity announcement number
- Names and departments of Project Director and team members
- Names of partner organizations/institutions and major contributors
- A brief description of the proposed project (maximum 2 pages)

Submit electronically as a MS Word or PDF document to: ccoley@fau.edu.

**Dissertation Year Award**

**Due March 21**
The Division of Research will consider applications for the 2014 Dissertation Year Award grants. The purpose of the grant is to help students complete their dissertations. The completed application and attachments must be submitted electronically by March 21, 2014. Applications will be reviewed by an awards committee, and applicants will be notified of committee action approximately eight weeks after the deadline. Awards are for a 12-month period. Submit application and attachments by 5 p.m. on March 21, 2014 to the Division of Research at limited@fau.edu. Please provide all of the materials, including the application form, in a single, PDF document. Information about this awards can be found at: http://www.fau.edu/research/internal.awards.php.

**2014 Second Annual State of Florida Healthcare Innovation Competition**

**Due March 21**

The 2014 Second Annual State of Florida Healthcare Innovation Competition will be held in Tampa, Florida on April 7th, 2014. This collegiate competition is open to all undergraduate, graduate and professional students from across the State of Florida. The top prize for the student competition will be $10,000. For more information, email mfountai@health.usf.edu.

**NEW! Broward Undergraduate Research Grant**

**Due March 24, 2014**

Any undergraduate student at FAU taking classes in Davie or Fort Lauderdale and engaged in research or creative activity under the mentorship of a Broward-based faculty member may be nominated for an award of $2,000 to support their work. Up to 10 awards will be given to nominated students. Grant recipients will be encouraged to present their research findings at a Research Symposium in the spring semester. Faculty mentors of selected students will receive a $1,000 award for professional development. These awards are made possible through a 2+2 allocation from the Florida Department of Education and are part of the University's Distinction Through Discovery Quality Enhancement Plan. Visit: http://www.fau.edu/broward/QEP-Broward.php.

**AERA-MET Dissertation Fellowship Webinar**

**Due March 25**

AERA, with funding support from the Bill and Melinda Gates Foundation, is pleased to announce a dissertation fellowship program to support graduate students in education research to conduct secondary data analysis using the Measures of Effective Teaching (MET) Longitudinal Database. The AERA-MET Dissertation Fellowship Program provides funding and professional development and training to dissertation stage graduate students who use the MET data to address research questions and examine issues that will contribute to knowledge about teaching and learning. The program supports high-quality science undertaken by the education research field through dissertation research on topics related to teaching and instruction, the effects of the classroom and school climate, student achievement, children and youth, and other educational issues. Visit the AERA-MET Dissertation Fellowship Program website for complete program description, eligibility requirements, and application information.

**NEW! Presidential Innovation Fellows: Announcing Round 3!**

**Due April 7**

Since the initiative launched two years ago, Presidential Innovation Fellows, along with their government teammates, have been delivering impressive results—at start-up velocity. Fellows have unleashed the power of open government data to spur the creation of new products and jobs; improved the ability of the Federal government to respond effectively to natural disasters; designed pilot projects that make it easier for new economy companies to do business with the Federal Government; and much more. Today, the White House launched Round 3 of the Presidential Innovation Fellows program, focusing on three major areas: data innovation, modernizing the veterans’ experience, and experiments in crowdsourcing and has begun accepting applications at WhiteHouse.gov/InnovationFellows! Looking ahead, the next round of Presidential Innovation Fellows will continue to build on these successes as well as tackle a new set of challenges. We are now conducting a nationwide search for incredibly talented innovators and entrepreneurs who can turn those projects into tangible results that benefit the Nation. Please learn more here.

**The Bill & Melinda Gates Foundation**

**Due May 6, 2014**
Grand Challenges Explorations, an initiative to encourage innovative and unconventional global health and development solutions, is now accepting grant proposals for its latest application round. Applicants can be at any experience level; in any discipline; and from any organization, including colleges and universities, government laboratories, research institutions, non-profit organizations and for-profit companies.

Proposals are being accepted online on the following topics:

- New Ways of Working Together: Integrating Community-Based Interventions
- Explore New Ways to Measure Fetal and Infant Brain Development
- Innovations in Feedback & Accountability Systems for Agricultural Development
- Inciting Healthy Behaviors: nudge, leapfrog, disrupt, reach
- Novel Enabling Tools and Models Supporting the Development of Interventions for Severe Diarrhea and Enteric Dysfunction

Initial grants will be US $100,000 each, and projects showing promise will have the opportunity to receive additional funding of up to US $1 million. Full descriptions of the new topics and application instructions are available at: www.grandchallenges.org/explorations.

2015-2016 Fulbright U.S. Scholar Program Core Competition
Due August 1, 2014
The Fulbright Scholar Program offers teaching, research or combination teaching/research awards in over 125 countries for the 2015-2016 academic year. Opportunities are available for college and university faculty and administrators as well as for professionals, artists, journalists, scientists, lawyers, independent scholars and many others. Interested faculty and professionals are encouraged to learn more about these opportunities, and hundreds of others, by visiting the Catalog of Awards. The application deadline for most awards is August 1, 2014. U.S. citizenship is required. For other eligibility requirements and detailed award descriptions visit the website at http://www.cies.org/program/core-fulbright-us-scholar-program or contact us at scholars@iie.org.

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

ANNOUNCEMENTS

NEW! Call for Faculty Judges at Research Symposia
Deadline March 14, 2014
The Office of Undergraduate Research and Inquiry (OURI) and the Graduate and Professional Student Association (GSPA) have unified their efforts to recruit faculty judges for our two annual symposia. We would like to ask your assistance to serve as a judge at one or both of the following events: The Undergraduate Research Symposium (Friday, March 28th) and the GSPA Research Day (Friday, April 4th). Thank you in advance for your support of the research and inquiry initiatives here at FAU. Visit: http://www.planetreg.com/e21012532872187

2014 Faculty Research Seed Grant Awards
The following is a list of proposals selected for the University-wide Faculty Research Seed Grant Program. A major criteria in judging the applications was that these projects would lead to external funding in the near term. There were 69 proposals submitted, the largest in the history of this program, with a total dollar request of more than $1.3 million; hence the process was very competitive. Thank you to all Faculty Research Seed Grant Program applicants and congratulations to awardees!

- Combined High-Resolution Laser Scanner and Swath Bathymetry Sidescan
  Principal Investigator: Pierre-Philippe Beaujean

- Development and Hydrodynamics Studies of a Bio-Inspired Underwater Vehicle
  Principal Investigator: Oscar Curet
Intraspecific Genetic Diversity in African Cercopithecus Monkeys  
Principal Investigator: Kate Detwiler

American Mosques: An Ethnohistorical Study of Mosques in the United States  
Principal Investigator: Jacqueline Fewkes

Trophic Mechanisms Promoting the Emergence of Pro-Epileptic Hippocampal Circuitry  
Principal Investigator: Kathleen Guthrie

Bioengineering of Transplantable Eye Tissues  
Principal Investigator: Marc Kantorow

New Natural Product Derived HIV Entry Inhibitors  
Principal Investigator: Salvatore Lepore

Ultrafast Silicon F18-Fluorination for PET Medical Imaging  
Principal Investigator: Bing Ouyang

Mechanisms of Interaction between Malaria-infected Erythrocytes and Monocyte/Macrophages and Modulation of Innate Immune Activity  
Principal Investigator: Andrew Oleinikov

The Feasibility Study of Compressing Sensing Active Serial Imaging System  
Principal Investigator: Yoshimi Shibata

Dietary Anti-Inflammatory Chitin Microparticles in Colitis  
Principal Investigator: Keith Van de Riet

Call for Reviewers: Core Fulbright Scholar Program and Fulbright Specialist Program  
CIES is currently seeking Fulbright Scholar alumni and other individuals with specific expertise in a discipline to fill 196 open vacancies across 80 different disciplines on 130 review committees. There is a high need for peer reviewers in the fields of Education, Life Sciences, Environmental Sciences, Journalism, Political Science, Business Administration, Psychology, Computer Science, and Geography. If you know someone who may be interested in serving on a committee, please direct them to the CIES Peer Review website (http://www.cies.org/program/peer-review) or have them contact Emily Bastian at PeerReview@iie.org for further information. The Fulbright Specialist Program is also looking for peer reviewers across 24 disciplines to evaluate applications and recommend U.S. applicants for the Fulbright Specialist Roster based on the program goals and review criteria. There is a particular desire for peer reviewers with expertise in the STEM education fields. Interested individuals should contact Aaron Karako at fulspec@iie.org for further information and visit http://www.cies.org/program/fulbright-specialist-program for program details.

NEW! Looking for Peer Reviewers: The International and Foreign Language Education Office  
The International and Foreign Language Education office (IFLE) of the U.S. Department of Education administers a variety of international education programs. IFLE continually seeks qualified individuals, in particular, world language and area/international studies specialists, to serve as readers for grant competitions. Selected readers participate in a panel review of applications and are provided with modest compensation. Most reviews are conducted electronically via the Department’s G5 system and travel will not be necessary. In cases where travel is necessary, readers are provided with roundtrip travel, lodging, and per diem. The review process involves orientation, reading of applications, and regularly scheduled discussions with other panelists. Application scores are based on pre-determined selection criteria and any announced priorities for each program. Panel reviews normally last one to two weeks.

If you are interested in being considered for this opportunity and feel that you have the appropriate qualifications,
**FAU Research in the News**

Senator Bill Nelson acknowledges FAU in senate discussion – March 11, 2014  
Investigators from Florida Atlantic University Have Reported New Data on Analytical Finance - March 5, 2014  
FAU Researcher Unravels Mystery of Sea Turtles' 'Lost Years' - March 5, 2014  
FAU Presents Frontiers in Science Public Lecture Series with Professor Mario Motta – February 2, 2014  
Florida Atlantic University's Christine E. Lynn College of Nursing Awarded Scholarships through RWJF New Careers in Nursing Program- January 17, 2014  
FAU's College of Nursing Launches Online Journal to Express Human Values and Deep Connections Made within the Healthcare Industry- January 15, 2014  
FAU's College of Nursing Launches Online Journal to Express Human Values and Deep Connections Made within the Healthcare Industry- January 15, 2014  
FAU Presents Frontiers in Science Public Lecture with Professor Carrie Haskell-Luevano- January 14, 2014  
FAU's Center for Body, Mind and Culture Presents 'Mindful Body in the Arts of Eating' - January 8, 2014  

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.