NEW ANNOUNCEMENTS MARCH 5, 2014 (SCROLL DOWN FOR MORE INFORMATION)

- **NEW! Successful Grantsmanship Professional Development Seminar** - March 13, April 9 and April 17
- **NEW! Charles E. Schmidt College of Science to Host “Pre-Health Professions Day”** - March 17
- **NEW! 2014 Second Annual State of Florida Healthcare Innovation Competition** - Due March 21
- **NEW! 2015-2016 Fulbright U.S. Scholar Program Core Competition** - Due August 1, 2014
- **NEW! 2014 Faculty Research Seed Grant Award Recipients Announced**
- **NEW! The Bill & Melinda Gates Foundation/Grand Challenges** - Due May 6, 2014

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](http://www.science.fau.edu/frontiers/poster_spring_2014.pdf).
  - March 7: “What is a Species? Insights into the Species Problem for Recent Research on African Monkeys” – Kate Detwiler, Ph.D., Florida Atlantic University
  - March 28: “Message without a Bottle: Coding to Send and Receive Information Safely” – Ivelisse Rubio, Ph.D., University of Puerto Rico, Rio Piedras

- **2014 Ocean Science Lecture Series**
  The Ocean Science Lecture Series provides a forum for the community at large to learn about FAU Harbor Branch’s most recent discoveries directly from the scientists who made them. Presentations are each Wednesday at 4 & 7 p.m. at the Johnson Education Center, and admission is free. For more information on the series, click here.
  - **Today! March 5: Modeling Iron Cycle and Primary Productivity in the Antarctic Peninsula, Drake Passage and Scotia Sea** - Dr. Mingshun Jiang - FAU Harbor Branch

- **Upcoming FAU Research Symposia**
  Wednesday, March 12: **4th Annual Broward Student Research Symposium**
  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](http://fau.edu/research/research_symposia_spring2014.php).

- **NEW! Successful Grantsmanship Professional Development Seminar**
  March 13, noon to 1:30 p.m., PS 226 – Speaker Salvatore Lepore
April 9, noon to 1:30 p.m., PS 226 – Speaker Dale Gawlik
April 17, noon to 1:30 p.m., PS 226 – 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.

NEW! 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.

CALL FOR PAPERS “Latin America and the World: Global Connections, the Environment, and other issues from an Interdisciplinary Perspective”
March 21, 2014, FAU Room AH205
Sponsored by the Caribbean and Latin American Studies Certificate Program at FAU, this interdisciplinary conference will highlight graduate student research related to Latin America, the Caribbean, and the Latino U.S. Please submit an abstract of no more than 300 words to sfsonference2014@gmail.com by February 21, 2014. Submissions are open to all disciplines and may be submitted in English or Spanish. Please inquire about submitting in another language. For more information, contact Barbara Ganson.

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.

Human Research Protection: Navigating the Currents of Contemporary Research
April 11, 2014, Hollywood FL, Westin Diplomat Resort and Spa
The FAU Division of Research is sponsoring this event to address issues of critical importance to human subject protections. This conference is accredited for 5.25 AMA PRA Category 1 credits, 5.25 ANCC contact hours and 5.25 pharmacy credits. Accreditation certificates are available for all attendees. Contact Elisa Gaucher for more information. To register click here.

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.
**FUNDING OPPORTUNITIES**

Previously announced funding opportunities are listed here: [Sponsored Programs Funding Opportunities](http://serc.carleton.edu/integrate/workshops/risk_resilience/overview.html).

- **NEW! 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.

- **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](http://serc.carleton.edu/integrate/workshops/risk_resilience/overview.html) for complete program description, eligibility requirements, and application information.

- **NEW! 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](http://www.grandchallenges.org/explorations).

- **NEW! 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! 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: Salvadore Lepore

- **Ultrafast Silicon F18-Fluorination for PET Medical Imaging**
  Principal Investigator: Salvadore Lepore

- **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: Bing Ouyang

- **Dietary Anti-Inflammatory Chitin Microparticles in Colitis**
  Principal Investigator: Yoshimi Shibata

- **Development and Hydrodynamic Characterization of an Engineered-Mangrove Wave Damping System**
  Principal Investigator: Keith Van de Riet

NEW! 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.

**FAU Research in the News**

- **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 John D. MacArthur Campus to Offer Jupiter Summer Science Experience 2014** - 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.