NEW ANNOUNCEMENTS SEPTEMBER 11, 2013 (SCROLL DOWN FOR MORE INFORMATION)

NEW! Renewable Electricity Industry in South Africa: Opportunities for Partnership and Collaboration 
September 23, 2013
NEW! Write Winning Grant Proposals Workshop- October 11, 2013
NEW! Research Involving Human Subjects Workshops- Thursday, October 17 and Friday, October 18
NEW! Call for Undergraduate Research Grant Applications- Due Tuesday, Oct. 15, 2013
NEW! Achieving Healthy Growth through Agriculture and Nutrition -Due October 31, 2013
NEW! Records for Life: A Design Contest that can Save Lives- Due October 31, 2013
NEW! Grand Challenges Explorations -Due November 12, 2013
NEW! The Ralph E. Powe Junior Faculty Enhancement Awards – ORAU-Due January 10, 2014

EVENTS

Previously announced events are listed here: Events and Workshops

Lunch and Learn with Andrew Oleinikov, Ph.D.

Wednesday, September 18, 2013, Noon – 1pm, Dean's Conference Room (303C), Engineering East, Bring Your Own Lunch

The Division of Research is pleased to announce the re-launch of its Lunch and Learn Series. The Lunch and Learn Research Series is intended to offer faculty, students and staff an opportunity to learn more about the broad range of research happening on and off campus. These thought-provoking educational lunches, held throughout the academic year between noon and 1 p.m., provide an opportunity to network with research-minded individuals, while expanding participants' knowledge base in a format conducive to discussion.
Outcomes:

• Provide faculty researchers an opportunity to share their work with the broader FAU community;
• Facilitate networking and future collaborations; and
• Promote a research culture across the University.

Andrew Oleinikov, Ph.D., Associate Professor of Biomedical Science in the College of Medicine, will kick off the series with his presentation, *P. falciparum Malaria: Pathogenesis and Protection*. Severe malaria syndromes caused by *Plasmodium falciparum* kill about 1 million African children each year. Severe malaria is mainly due to adhesion of parasite-infected erythrocytes in deep vascular beds in various organs mediated by the PfEMP1 family of parasite proteins expressed on the erythrocyte surface. In this presentation, Dr. Oleinikov will review their studies on mechanisms of parasite virulence and their approaches to improve outcome in severe malaria.

Dr. Oleinikov comes to FAU from Seattle Biomedical Research Institute, where he was Principal Scientist from 2004-2013. Previously, Dr. Oleinikov was Principal Scientist and Group Leader at CombiMatrix Corp. and Research Assistant Professor in the Department of Pediatrics at the University of California at Davis School of Medicine, where he also served as a Post-doctoral Fellow. Dr. Oleinikov obtained an M.S. (hons) in Biophysics from St. Petersburg Polytechnical University in St. Petersburg, Russia, and a Ph.D. in Biology from Moscow State University.

Please join us in welcoming Dr. Oleinikov to FAU!

RSVP to attend Dr. Oleinikov’s September 18 presentation here:
https://docs.google.com/a/fau.edu/forms/d/1C5SnQPkCFCCJj50Xh0mpBR8fZjbGB0XoPtTIRzyHmKl/viewform

Stay tuned for further details and save these dates for upcoming Lunch and Learns:

October 2 – Alka Sapat

November 6 – Maria Larrondo-Petrie

November 20 – Barbara Ridener

NEW! Renewable Electricity Industry in South Africa: Opportunities for Partnership and Collaboration
September 23, 2013, 11:30 – 12:30, EE Dean’s Conference Room (303C); Videoconference to HBOI (LE103) and SeaTech (ST209)

The Southeast National Marine Renewable Energy Center and the Division of Research invite you to meet Professor Wikus van Niekerk, Director of the Centre for Renewable and Sustainable Energy Studies at Stellenbosch University. Dr. van Niekerk will present a general introduction to the electricity industry in South Africa, especially its current renewable energy independent power producer procurement process that is underway. He will then discuss Stellenbosch University's ocean energy research, both wave and ocean
current. Dr. van Niekerk holds a Ph.D. in Mechanical Engineering from the University of California at Berkeley. He has a keen interest in renewable and sustainable energy and has been consulted by industry for many years as a registered professional engineer. For more information, contact MaryJo Robinson, Southeast National Marine Renewable Energy Center, at mrobin72@fau.edu.

**FBI Academic Biosecurity Workshop**  
**September 25, 2013, 8:30 a.m. to 12:30 p.m. Live Oak Pavilion**  
Many individuals and groups have expressed the intent to attack the United States with biological weapons. In order to further their plans, these individuals may target laboratories, biotechnology companies, scientists, and students. The workshop goal is to improve the cooperation among law enforcement agencies and research institutions to mitigate potential biosecurity issues that may affect public health and safety. The FBI Academic Biosecurity Workshop will:

- Increase awareness of potential biosecurity risks
- Identify biosecurity roles and responsibilities of law enforcement agencies
- Identify biosecurity roles and responsibilities of research institutions
- Identify benefits and potential obstacles to improve cooperation among law enforcement agencies and research institutions regarding biosecurity
- Identify methods of improving communication among biosecurity stakeholders, and
- Establish and solidify mutually beneficial relationships between law enforcement, research institutions, and community stakeholders.

Register before September 20 at: [https://miamitraining.org/?AspxAutoDetectCookieSupport=1](https://miamitraining.org/?AspxAutoDetectCookieSupport=1). For questions, contact Tom Bradley, Director Environmental Health and Safety at tbradley@fau.edu.

**NEW! Write Winning Grant Proposals Workshop**  
**October 11, 2013, 8:00 a.m. to 4:45 p.m., Office Depot Center Room 102/103**  
**Register by September 25**

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 seeking research funding ([http://www.grantcentral.com](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. Please register by September 25 to guarantee your free workbook ($75 value). [Register here](#).

**Affordable Care Act: Challenges and Opportunities**

**Tuesday, October 15, 2013**

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. Hosted by the Research Park at Florida Atlantic University and sponsored in part by FAU. The 1st 50 FAU students/faculty to email Andrew Duffell at aduffell@research-park.org will be comped, after that it’s $20 to attend. You’ll need to show a valid Owl Card at the event if you are on the comp list. [Click here to register](#).

**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/.

**NEW! 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/CKKPOW8](http://www.surveymonkey.com/s/CKKPOW8). Questions? Contact Elisa Gaucher, FAU Division of Research, at 561-297-0777 or egaucher@fau.edu.

**FUNDING OPPORTUNITIES**

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

**NEW! Call for Undergraduate Research Grant Applications**

**Due Tuesday, Oct. 15, 2013**

The next deadline for submission of applications for undergraduate research grants is Tuesday, Oct. 15, 2013. The application process and guidelines have changed this year to include both individual and group grants. Details on the program and guidelines can be found [here](#).

The Office of Undergraduate Research and Inquiry (formerly QEP) supports undergraduate research through a system of Undergraduate Research Grants, the Undergraduate Research Symposium and the Undergraduate Research Journal. Any full-time continuing, undergraduate student at FAU with a GPA of 3.0 or higher who is engaged in research or creative activity under the mentorship of a faculty member may apply for an individual grant of up to $500 or a group grant of up to $1,000 to support their work.

Please keep in mind that the research of creative activity conducted by the student generally takes the form of directed research, independent study, or work on an honors thesis under the supervision of a faculty member, rather than work conducted to fulfill regular course or seminar requirements. Faculty mentorship is one of the most important elements of undergraduate research. Students receiving funding under this program are required to present their findings at the annual [Undergraduate Research Symposium](#) on March 28, 2014.

**Florida Sea Grant Opportunities**
Due October 30, 2013
Florida Sea Grant is offering two opportunities for students: the Aylesworth Scholarship Program and the Florida Sea Grant Scholars for 5 students each at $2,000. A third opportunity is the Florida Sea Grant Newell Seminar Series, which will support up to 15 speakers at Florida universities, each with $1,000 of travel costs. The information about applying will be posted tomorrow or Friday. These funds are intended to support seminars that happen in the spring 2014 semester. For information, visit: https://www.flseagrant.org/index.php/students/scholarships-fellowships

NEW! Achieving Healthy Growth through Agriculture and Nutrition

Due October 31, 2013
Achieving Healthy Growth through Agriculture and Nutrition, the first program launched through the Grand Challenges India partnership, is now accepting applications. This program joins others within the Grand Challenges family of grant programs supported by the Gates Foundation and its partners. It seeks a comprehensive set of approaches - spanning innovation in nutrition and agriculture and social innovation - to 1) reduce the high incidence of low birth weight, early stunting, and wasting in Indian children less than 2 years of age and 2) prevent under nutrition in women of reproductive age and in children from 0-2 years of age.

The application deadline is October 31, 2013. Details on how to apply for a grant can be found at: http://www.grandchallenges.org/GrantOpportunities/Pages/GCIndia_healthygrowth.aspx.

NEW! Records for Life: A Design Contest that can Save Lives

Due October 31, 2013
The Bill & Melinda Gates Foundation has launched Records for Life: A Design Contest that can Save Lives. This new grant opportunity seeks individuals or teams to re-examine the current child health record and design new ways to accurately track vaccine doses, increase ease of interpretation and use, and incite behavior change to make the record a valued asset for health professionals and families alike.

The application deadline is October 31, 2013. Details on how to apply for a grant can be found at: http://www.gatesfoundation.org/How-We-Work/General-Information/Grant-Opportunities/Records-for-Life-RFP.

NEW! Grand Challenges Explorations

Due November 12, 2013
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 until November 12, 2013 on the following topics:
• 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
• Develop the Next Generation of Condom
• The "One Health" Concept: Bringing Together Human and Animal Health

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.

NEW! The Ralph E. Powe Junior Faculty Enhancement Awards – ORAU

Due January 10, 2014

The Ralph E. Powe Junior Faculty Enhancement Awards provide seed money for research by junior faculty at ORAU member institutions. These awards are intended to enrich the research and professional growth of young faculty and result in new funding opportunities. Junior faculty members will submit their completed applications to their institution’s ORAU Councilor. The ORAU Councilor will transmit the institutional submission to ORAU. All applications must be received electronically in the ORAU University Partnerships Office. Fax submittals will not be accepted.

Eligibility: Full-time assistant professors at ORAU member institutions within two years of their initial tenure track appointment at the time of application are eligible. If there is a question on eligibility, the ORAU Councilor makes the final decision.

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

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

FAU RESEARCH IN THE NEWS

NEW! FAU's MacArthur Campus to Host 'The Next Attempt for Life on Earth' Exhibition by Rick Newton through October 15—September 11, 2013

NEW! FAMU and FAU Collaborate on New Medical Scholars Program (MSP)- September 4, 2013

NEW! FAU PROPEL Hosts Completion Ceremony- September 4, 2013

NEW! 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

FAU Charles E. Schmidt College of Medicine Professor Receives NIH Grant for Project to Optimize Current and Future Vaccines - July 24, 2013

FAU's Buller Highlighted in Chronicle of Higher Education special issue on “Great Colleges to Work For” – July 22, 2013

Silver Knight Award Recipient to Attend Medical Scholars Program in the Charles E. Schmidt College of Medicine and Harriet L. Wilkes Honors College at FAU – July 16, 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.