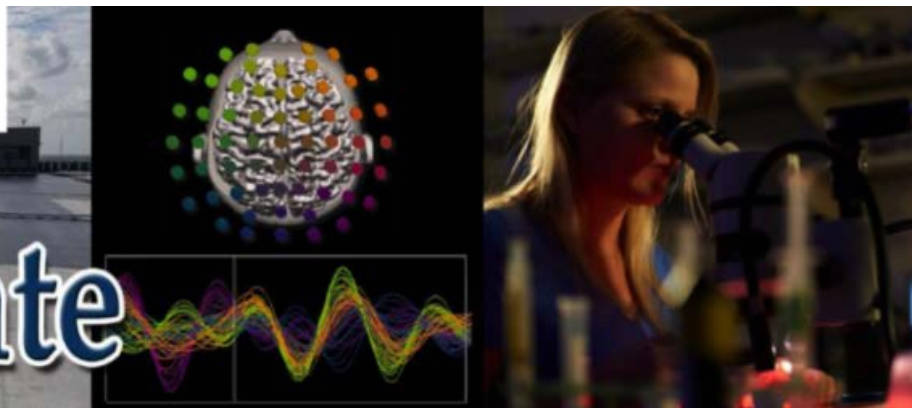


Rsch-L Update



News

Oct. 15, 2014

Events

GrantsERA Training

Tomorrow! Oct. 16, 1-3 p.m.

(Education, CDSI, Honors
College, Business)

Nov. 13, 10 a.m.-Noon

(all disciplines)

FAU Instructional Services Lab,
Bldg. 4, Room 208

FAU faculty and staff who are
new to processing, submitting
and managing grants and
contracts are encouraged to
attend this training. Click on the
Sponsored Programs' [calendar](#)
for details and to register.

Stay tuned for details on
refresher training this Spring.

Fulbright Workshop

**Oct. 21, 5-7 pm, Computer
Center Building # 125, Boca**

The College of Education and
the Office of International
Programs invite faculty,
administrators and graduate
students to attend this
workshop on how to apply to
and manage a Fulbright
scholarship, the flagship
federal exchange program.
Fulbright scholars are

NOAA Awards FAU Harbor Branch \$1.8M for Oceanographic Research



The National Oceanic and Atmospheric Administration recently awarded a \$1.8 million grant for the 2014-2015 fiscal year to the Cooperative Institute for Ocean Exploration, Research and Technology, which has been headquartered at FAU's Harbor Branch Oceanographic Institute since 2009. The award enables institute scientists to continue developing advanced underwater technologies, while exploring and researching the Atlantic Ocean off the eastern U.S. and vulnerable coral ecosystems.

"The funding allows us to continue to discover, study and protect deep coral reef ecosystems off the coast of Florida," said Shirley Pomponi, Ph.D., the institute's Executive Director.

scheduled to speak. Light refreshments will be served.

Venture Capital Conference

Jan. 29-30, Hollywood, Fla.

The Venutre Forum seeks rapidly growing Florida companies to apply to present to angel investors, venture capitalists and industry professionals. See details [here](#).

Funding Opportunities

Building Energy Efficiency Frontiers and Innovation Technologies (BENEFIT)

*Webinar today - Oct. 15; Dec. 15, both from 3-4 pm
Concept papers due: Nov. 10, full applications by Jan. 12*

This U.S. Department of Energy program supports research and development of technologies and approaches that lead to primary energy reductions in buildings in the U.S. Click [here](#) for details and to register for the webinar.

National Endowment for the Humanities (NEH) Webinar

Oct. 22 at 2 pm

Mark National Arts and Humanities month by participating in a webinar on upcoming NEH grant opportunities and how to craft a strong NEH proposal. Click [here](#) to register.

NSF Biomedical Engineering

Due: Nov. 5; Oct. 20, 2015

This program aims to turn novel ideas into discovery-level and transformative projects that integrate engineering and life sciences in solving biomedical

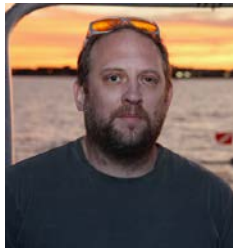
"These reefs are important nurseries for commercially important fisheries, and they may serve as refuges for corals that are affected by warming ocean temperatures."

The program was renewed for five years following an outstanding rating by the NOAA Science Advisory Board last year.

New projects will focus on developing autonomous underwater vehicles and sensors to map and monitor deep reefs and expand the use of the new HBOI Exploration Command Center (pictured above). Using the center, researchers and students can virtually participate in expeditions in the North Atlantic and Caribbean. Institute scientists will also continue researching the pharmaceutical potential of chemicals produced by deep-water organisms that were collected during the first phase of the project, and to document the health of coral in the Gulf of Mexico and Florida Keys.

The institute was created with NOAA funding five years ago. The University of North Carolina Wilmington, University of Miami and SRI International will continue as partners.

Federal Officials Approve Pending Patents



The U.S. Patent and Trademark Office recently notified FAU that it soon will issue patents to researchers Drs. Fraser Dagleish, Anni Dagleish and Bing Ouyang, all of Harbor Branch Oceanographic Institute, and to Dr. Vijaya Iragavarapu-Charyulu of the Charles E.

Schmidt College of Medicine.

The Harbor Branch pending patent is titled, MEMS Microdisplay Optical Imaging and Sensor Systems for Underwater Scattering Environments. It adopts micro-display devices, such as digital micro-mirrors that are widely used in data projectors and/or projection TVs, in the design of active electro-optical imaging systems and optical sensors. The technology enables the development of low-cost, compact and energy efficient underwater systems and sensors.

Dr. Iragavarapu-Charyulu's pending patent is for the development of methods, assays and kits to measure the biomarker Sema7a to determine a cancer's metastatic potential, aggressiveness and responsiveness to therapy. Her innovation called Analyzing Semaphorin7A Levels for Assessing Cancer Metastatic Potential and Methods of Treatment, also includes proposed



problems that serve humanity. Click [here](#) for details.

Gates Foundation Grand Challenges

Deadlines vary by program

Grand Challenges grant opportunities focus on several initiatives ranging from healthy birth to mobile money payments to brain development. Click [here](#) for details and [here](#) for information on Grand Challenges in Global Health.

Interdisciplinary Research Careers in Women's Health

Letter of intent due: Dec. 5, full application by Jan. 5

This NIH award supports institutional career development awards for faculty who have recently completed clinical training or postdoctoral fellowships, and who will engage in women's health research. Read the announcement [here](#).

System-Level Health Services and Policy Research on Health Disparities

Letter of Intent due: Dec. 20, full application by Jan. 20

Investigators who conduct original and innovative system-level health services or policy research directed toward eliminating health disparities are encouraged to apply for this R01 grant. Projects may include observational, simulation, or interventional studies and may involve primary data collection and/or secondary analysis of existing datasets. Click [here](#) for the announcement.

NSF Long Term Research in Environmental Biology

methods for inhibiting cancer cell growth and metastasis with a Sema7A inhibitor. Dr. Iragavarapu-Charyulu and co-inventors, doctoral students Ramon Garcia-Areas and Stephania Libreros, previously reported that Sema7A expression was increased in human breast tissue and breast cancer stem cells (from untreated breast cancer patients), but minimally expressed in adjacent normal tissue.

Call for Applications for Faculty Awards



Researchers and Scholars of the Year at the 2013 Honors Convocation. Pictured with Board of Trustees Chair Anthony Barbar from left: Drs. Rose Sherman, Vijaya Iragavarapu-Charyulu, Len Sperry, Borko Furht, Valdimir Kulic and Xavier Comas

The University Research Committee invites applications and nominations for the 2015 Researcher of the Year awards and Scholar of the Year awards. One \$2,500 award will be made for each faculty rank to honor excellence in sponsored and project-focused research, with emphasis on externally funded research. Another \$2,500 award will be made for each faculty rank to recognize excellence in scholarly endeavors.

The Faculty Mentoring Research Program matches junior faculty seeking mentors who have significant external funding. Mentees are required to submit a fundable research proposal at the end of the one-year mentoring period. Mentors receive a \$2,000 monetary award, while mentees receive a \$4,000. Applications are due Jan. 19. Click [here](#) for details.

Applications for both awards are due on Jan. 26. Click [here](#) for eligibility criteria, guidelines and a timeline.

Research Commercialization Course

Learn about research commercialization through The National Council of Entrepreneurial Tech Transfer's free webinar series. The Research Commercialization Introductory Course

Preliminary proposal due: Jan. 23, full proposals by Aug. 3

This grant will support extended timeseries data to address important questions in evolutionary biology, ecology, and ecosystem science. Download details [here](#).

NIH Spatial Uncertainty: Data, Modeling, and Communication

Multiple deadlines

These grants support innovative research that identifies sources of spatial uncertainty in public health data, incorporates the inaccuracy or instability into statistical methods, and develops novel tools to visualize the nature and consequences of spatial uncertainty. Click below for the funding announcements:

[R21](#), [R01](#) and [R03](#).

is geared towards science and engineering researchers. Registration is required. All webinars are from 1:00 - 2:30 pm.

- Oct. 16 Introduction to Early Stage Funding
- Oct. 21 Small Business and Innovation Research (SBIR)
- Oct. 23 Patents
- Oct. 28 Trademarks, Copyrights and Trade Secrets
- Oct. 30 Structuring & Leading Research-Intensive Companies

Register and learn more [here](#).

Get on the Highway to Research Funding

Create or update your profile on Pivot, an online tool to find collaborators and funding opportunities. Click on the GPS.



STAY CONNECTED



[Join Our Mailing List!](#)

Please send research news and accomplishments to Luis Perez (perezl@fau.edu) or Beth Barak (bbarak@fau.edu).

[Forward this email](#)



This email was sent to tparrish@fau.edu by perezl@fau.edu | [Update Profile/Email Address](#) | Rapid removal with [SafeUnsubscribe™](#) | [Privacy Policy](#).



Try it FREE today.

Division of Research, Florida Atlantic University | 777 Glades Road | Boca Raton | FL | 33431