

Having trouble viewing this email?[Click here](#)

# Owl Research & Innovation



## News

June 24, 2015

### Events

---

#### **Florida Economic Development Conference**

*July 13 - 15, Orlando*

Registration is still open for this Florida Economic Development Council conference on the most salient economic issues facing the state. Click [here](#) for details and to register.

#### **Falling Walls Conference**

*Bay area event applications due: Aug. 23, lab: Sept. 18*

*Berlin applications due: Aug. 31*

The Falling Walls Conference is an annual gathering of forward-thinking individuals from 75 countries. Each year, 20 of the world's top young thought leaders are invited to Berlin to present their breakthrough research. The competition is open to researchers and scientists (M.A. students, doctoral candidates and post-docs), entrepreneurs, engineers, young professionals and innovators from all areas. For more details, click [here](#). Download a Bay area lab flier [here](#). Watch a video [here](#).

---

### **Scientists' Work on Smart Traffic Lights May Improve Your Commute**

Traffic jams are a familiar frustration for many commuters. Adaptive traffic control systems or "smart" traffic lights allow intersection signals to adjust to real-time traffic conditions like accidents, road construction and even weather.



Researchers in FAU's Laboratory for Adaptive Traffic Operations and Management in the College of Engineering and Computer Science recently received a \$100,000 grant from the City of Miami Beach to test two adaptive traffic signals being considered for one of their busiest corridors in South Beach. In addition, the lab won a \$300,000 grant from the Florida Department of Transportation to research use of high-resolution data, from signal controllers and detectors, to monitor performance of traffic signals.

"Smart traffic lights are one way to address urban traffic congestion, and if timed properly and continually, they can both reduce traffic delays and improve public safety," said lab Director Aleksandar Stevanovic, Ph.D. (pictured above), Associate Professor in the Department of Civil, Environmental and Geomatics Engineering in the College of Engineering and Computer Science. Click on the screen [here](#) to watch press coverage. [READ MORE.](#)

# Funding Opportunities

## Superfund Research Program Occupational and Safety Education Programs on Emerging Technologies

*Letter of intent due: Sept. 20, application by Oct. 20*

This R25 supports creative educational activities focusing on skills development courses and curriculum or methods development. This award funds the design of continuing education and academic curricula in occupational health and safety management practices in nascent technologies such as green chemistry and sustainable remediation. Download the solicitation [here](#).

## Strategies to Increase Delivery of Guideline-Based Care to Populations with Health Disparities

*Multiple deadlines, letter of intent due 30 days prior*

This R01 funds cutting-edge studies to test strategies to accelerate the adoption of recommendations into clinical practice among populations with health disparities. Proposals emphasizing providers who care for clinical populations with significant cardiovascular, lung, blood and sleep disorders should consider applying. Read the RFP [here](#).

## American Heart Association Cardiovascular Genome-Phenome Study Discovery

*Multiple deadlines (July)*

The American Heart Association is offering three funding opportunities to advance the future of

## Faculty Retreat Identifies Sensing and Smart Systems Research Priorities



More than 45 faculty and staff last week participated in an off-campus sensing and smart systems research retreat. Sensing and smart systems is a pillar, or priority area, highlighted in FAU's strategic plan that's guiding FAU on the path to becoming the fastest improving public research university.

At the retreat, co-led by Daniel Flynn, Ph.D., Vice President for Research and Jason Hallstrom, Ph.D., director of the FAU Institute for Sensing and Embedded Network Engineering Systems, attendees jump-started a process that will lead to forming multidisciplinary research teams that can propel FAU's sensing and smart systems initiatives into a robust, well-funded pillar. Hallstrom will lead ... [read more](#).

## Marine Renewable Ocean Center Director to Retire, SNMREC Joins Division of Research



The Southeast National Marine Renewable Energy Center (SNMREC) is a key initiative in the Ocean Science and Engineering - Environment pillar and is being positioned to align with FAU's new strategic plan.

Sue Skemp, who has led the center since 2008 and elevated it to international prominence, is

cardiovascular medicine. Learn more about the solicitations by clicking on the links below.

- [Heart Failure](#)
- [Predictors of Cardiovascular Disease](#)
- [High-density lipoprotein](#)

### **Multidisciplinary Studies of HIV/AIDS and Aging**

#### *Multiple deadlines*

The U.S. Department of Health and Human Services is seeking research grant applications studying HIV infection, HIV-associated conditions, HIV treatment, and/or biobehavioral or social factors associated with HIV/AIDS among older adults. View the solicitation [here](#).

### **Turkey - U.S. Collaborative Program for Affordable Medical Technologies**

#### *Multiple deadlines*

This R01 invites applications from research partnerships between U.S. and Turkish scientists to aid the development of appropriate, affordable diagnostic and therapeutic technologies to address medical needs in low and middle resource settings. Read the [announcement](#).

### **Investigator-Initiated Physics Research Projects**

#### *Multiple deadlines*

NSF supports research and education across a broad range of physics disciplines. All proposals submitted to the Physics Division that are not governed by another solicitation (such as CAREER and MRI) should be submitted to this solicitation. For more details, read the solicitation [here](#).

### **More Funding Opportunities**

Visit the Division of Research



retiring as of July 17. As Executive Director, Sue developed SNMREC into a one-of-a-kind, multi-disciplinary program at the University to investigate, test and evaluate harnessing power from marine energy. Prior to this role, she spent more than three decades at Pratt & Whitney. Sue will remain engaged with FAU to continue pursuing her passion for marine energy and the University.

During this transition, the Office of the Vice President for Research will guide SNMREC to align with FAU's Strategic Plan for the Race to Excellence and increase participation from the University with marine energy initiatives. Read the [full announcement](#) from Daniel Flynn, Ph.D., Vice President for Research.

### **Scientist Presents Caribbean Coral Reef Research in Curacao**



Deep knowledge of coral reefs recently took Harbor Branch Research Professor Brian Lapointe, Ph.D., to Curacao, where he gave a talk at the scientific meeting of the Association of Marine Labs of the Caribbean in Curacao.

The association is a confederation of 27 marine research, education and resource management institutions working toward the production and exchange of research and resource management information. Read Lapointe's talk abstract [here](#).

### **Applicant Responsibilities in Maintaining the Integrity of NIH Peer Review**

The NIH recently issued a notice for potential grantees on



when and who not to contact when your application is under review. Intended to protect the integrity of the peer-review process, investigators should not contact reviewers on the study section rating his or her application. Read the agency's notification [here](#).

### **Round Out Your Search for Research Funding and Collaborators**

To find university-based resources, expertise and collaborators,

funding opportunities [page](#) for additional solicitations.

use Florida ExpertNet. Learn how to navigate Pivot, an online tool for funding and finding collaborators, with tutorial videos covering how to create an account, develop a profile, conduct online funding searches, etc. Click on the images below.



STAY CONNECTED



Join Our Mailing List!

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

[Forward this email](#)



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



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