

Rsch-L Update



News

Aug. 6, 2014

Events

Military Health Science Research Symposium (MHSRS) 2014

*Aug. 18-21, Fort
Lauderdale*

Learn more about military research and health care in the only scientific meeting on the medical needs of soldiers. Military medical care providers with deployment experience, DoD scientists, academia and industry discuss research and health care are encouraged to attend. Click [here](#) for more information and to register.

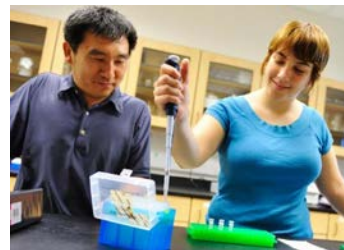
Ocean Science Lecture

*Sept. 17 at 7 p.m., Ft.
Pierce*

HBOI presents *Indian River
Lagoon Observatory:*

Dr. Kailiang Jia Awarded Over \$350,000

Dr. Kailiang Jia, Assistant Professor in FAU's Jupiter Life Science Initiative, was recently awarded a three-year \$356,678 National Institute of Child Health and Human Development R15 grant. The grant's aim is to enhance understanding of the role that cell signaling pathways play in controlling animal development and diseases, including cancer, neurodegeneration, aging, obesity, diabetes and parasitism.



Dr. Jia's lab studies autophagy, a degradation pathway that occurs within all eukaryotic cells. The grant builds on his discovery that autophagy in worms controls their ability to recover from stress.

The grant is "as an award to our Jupiter team," he said. "The Jupiter environment played an important role."

HBOI Secures New High-Tech Scope

Phase 2 Expanding Real-Time Observations for Everyone. The lecture will be in the HBOI Johnson Education Center Auditorium.

Funding Opportunities

NOAA Climate Program

Letter of Intent Deadlines: Aug. 10 or 15; application deadline: Oct. 20 or Nov. 14, project contingent

Ten competitions are open, with average funding expected to be between \$50,000 and \$200,000 per year. Essential ongoing activities in climate science and services are supported, such as modeling and atmospheric composition. Click [here](#) for details.

Career Awards at the Scientific Interface

Pre-proposal deadline: Sept. 1; Proposal deadline, Jan. 8.

This Burroughs Wellcome Fund provides \$500,000 to bridge advanced postdoctoral training and the first years of faculty service. Awards are intended to foster the early career development of researchers with backgrounds in the physical, mathematical, computational sciences



Researchers at Harbor Branch Oceanographic Institute will benefit from a new ImageXpress Micro XLS Widefield High-Content Analysis

System, an automated microscope featuring the broadest range of research-grade lenses available. The primary users will be teams led by Drs. Esther Guzmán (pictured), Peter McCarthy and Shirley Pomponi.



Dr. Mirya Holman Wins Best Paper

Dr. Mirya Holman recently co-authored the paper, "Power, Conflict, and Community: How Gendered Views of Political Power Influence Women's Political Ambition." It

was selected as the

Best Paper for the Women and Politics section of the American Political Science Association. The paper is currently under review for publication. See the list of [winners](#).

Student Research Continues Through Summer

and engineers whose work addresses biological questions. Read the eligibility criteria [here](#).

Air Force FY 2015 Young Investigator Research Program

Deadline: Sept. 15

This award funds creative basic research in science and engineering, while enhancing the early career development of outstanding young investigators. Award ceiling is \$450,000. Click [here](#) for details.

Science Tour "Research in Germany" Winter 2014

Deadline: Sept. 20

The German Academic Exchange Service invites international researchers and administrators to participate in a tour of research facilities in northern Germany. The Nov. 30-Dec. 6 tour will cover a range of interdisciplinary topics related to the use of modelling techniques. Click [here](#) for the application.

Career Awards for Medical Scientists

Deadline: Oct. 1

The Burroughs Wellcome Fund invites applications for a five-year \$700,000 award for physician-scientists to bridge advanced postdoctoral or fellowship training and the early years



Undergraduate student researchers have had a productive summer. Last week on the Jupiter campus, students presented talks on the following subjects:

- Electroconvulsive Seizure Duration is Mediated by the cGMP/PKG Pathway in both *D. melanogaster* and *C. elegans* - McKenzie Merritt, Dawson-Scully lab
- Hypodermis and Neuron Specific Requirement of Autophagy Gene *atg18* for Increased Lifespan of *daf-2* Mutant *C. elegans* - Aileen Phillips, Jia lab
- The Role of the Rat Hippocampus in Object Memory Independent of Context - Jeffrey S. Herr, Stackman lab
- Analysis of Ratiometric (VSFP) Imaging of the Glial Cell Plasma Membrane During Mechanisms of Neuroprotection - Christina Collins, Macleod lab and Dawson-Scully lab
- Lissencephaly and Neuroglial Interaction in Synapse Formation of the *Drosophila* Giant Fiber Circuit - Srigita

of faculty service. Proposals must be in the area of basic biomedical, disease-oriented, or translational research. Click [here](#) for eligibility criteria.

NIH Director's Pioneer Award

Deadline: Oct. 10

This award supports exceptionally creative individual scientists pursuing approaches to major challenges in biomedical and behavioral research. Read the solicitation [here](#). Awardees are expected to dedicate at least 51% of their research effort to endeavors supported by this award.

- Madiraju, Godenschwege lab.

Student Wins Award in Ecuador

Adriana Solano, an undergraduate student in the College of Engineering and Computer Science, received a first place Leadership Award for her paper, "Students Developing as Leaders and Global Professional Engineers." Dr. Marie M. Larrondo Petrie, FAU Associate Dean of International Affairs and Professor of Computer Science and Engineering, recently presented the award to Adriana at the Latin American and Caribbean Consortium of Engineering Institutions conference in Ecuador. [READ MORE.](#)



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