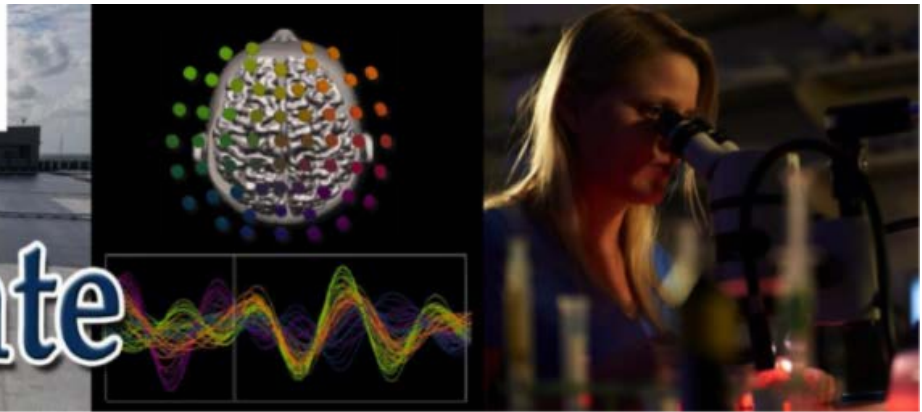


Rsch-L Update



News

Aug. 27, 2014

Events

UCF Biomedical Education Seminar

*Sept. 25, 11:30-12:30, UCF,
Lake Nona Medical City
RSVP by **Aug. 29***

Tshaka Cunningham, Ph.D., Scientific Program Manager, U.S. Dept. of Veteran's Affairs, will discuss funding opportunities with the agency. RSVP to marisol.ortega-perez@ucf.edu. Parking at Lake Nona medical city is free for the day. Click [here](#) for details.

Big Data: Distraction or Disruption?

*Sept. 3, 5:30 - 7:30 pm,
Orlando*

BioFlorida presents Joseph T. Bielitzki, DVM, MS, developer of novel approaches to biomedical problems. He served as NASA's Chief Veterinary Officer and as a DARPA Program Manager. For details and to register, click [here](#).

Division of Research Annual Report Online Now



The 2013-2014 Florida Atlantic University Division of Research Annual Report is now available online. Click on the image to the left to learn more about FAU's many innovations. Printed copies will be available in September.

NSF Grant Awarded to Study How Situations Affect Behavior

How are people affected by the many situations they encounter throughout the day? That's the primary question asked by a new National Science Foundation-funded project by Ryne Sherman, Ph.D., Assistant Professor in the Department of Psychology. Starting Sept. 1, the three-year, \$323,000 award will support Sherman's investigation of how situations affect behavior and how they change over time.

FAU Responsible Conduct of Research - Conflict of Interest Workshop

Sept. 19 and 23, 1:00-2:50 pm, SU-80, Room 132

Graduate students are strongly encouraged to register for free workshops on the professional standards of ethical research. Each of four modules is offered twice this semester.

Undergraduate students and faculty are welcome to attend. Click [here](#) for the fall schedule and to register. Lunch will be provided to those who register more than a week in advance.

Funding Opportunities

NSF Computer and Information Science and Engineering Research Initiation Initiative

Deadline: Sept. 24

Funds support untenured faculty or research scientists in their first two years in an academic position after the Ph.D. Download the solicitation [here](#).

NSF Science and Technology Centers (STC): Integrative Partnerships

Preliminary proposal deadline: Dec. 11; proposal deadline: June 16, 2015

This program supports innovative research and education projects that require large-scale, long-term investments. STCs conduct world-class research through partnerships among academic institutions, national laboratories, industrial organizations and/or other

Laboratory experiments have demonstrated that small changes in situations can spur large behavioral changes. But the impact of real situations that people actually experience has rarely been investigated. Recent advances in both technology and the methodology of measuring situations have made Sherman's novel approach possible.

He plans to outfit 200 subjects with mini-cameras to photograph their surroundings every 30 seconds. That combined with the Riverside Situational Q-sort, which Sherman recently helped develop, will allow researchers to quantify and compare everyday situations.

The study aims to increase the understanding of the nature of situation transitions, their antecedents and their consequences. This project will also afford a better understanding of the relationships between personality, situations, and behavior as they naturally occur.

FAU Researcher Helps Dispel Long-Held Belief that Famous Human Fossil Is Linked to Modern Human Brain Development



Image: [artdaily.com](#)

Dr. Douglas Broadfield of FAU's Department of Anthropology along with researchers from the University of Witwatersrand in South Africa and Columbia University made the latest contribution to an ongoing debate over whether the famous Taung Child fossil may be one of the first representations of a fusing skull.

Utilizing the latest CT scan technology, they found that the three-million year old child's skull discovered in South Africa shows no evidence of the type of soft spot typically seen in human children with larger brains. The study was [published](#) in the Proceedings of the National Academy of Sciences. Click on the image to learn more.

Take the NIH Challenge: Develop New Ways to Track Cell Health

Compete for prizes valued at up to \$500,000 by developing new ways to track the health status of a single cell in complex tissue over time. Phase 1 deadline is Dec. 15. Up to six prizes totaling



public/private entities. FAU may only submit three proposals; please notify Beth C. Barak at bbarak@fau.edu if you plan to apply. Read the solicitation [here](#).

Integrated NSF Support Promoting Interdisciplinary Research and Education

Proposals must be co-funded by at least two intellectually distinct NSF divisions or disciplinary programs. Read more [here](#).

NSF Research Experiences for Undergraduates (REU)

Aug. 26, 2015; May 22, 2015 if access to Antarctica is required

REU Sites is for new projects to engage students. REU Supplements support one or two students and may be included as a component of proposals for new or renewal NSF awards or may be requested for ongoing NSF research. Download the RFP [here](#).

\$100,000 will be announced March 16. Click [here](#) to learn more about NIH's Follow that Cell Challenge.

New NIH SBIR/STTR Web Site

NIH recently revamped its Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) programs [web site](#). These highly competitive programs enable U.S. small businesses to conduct federal research and development with a strong likelihood of commercialization.

New Science and Engineering Indicators App

The National Science Board (NSB) recently announced the launch of the Science and Engineering Indicators (SEI) Android app. [LEARN MORE](#).



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