

September 7, 2012

Volume 4, Issue 4

ADVANCE-Nebraska E-News

Advancing Women, Advancing STEM

Special Interest Articles:

- ADVANCE-Nebraska presents: Starting Up and Managing a Research Lab & Roadmap to Success
- Newest Scientists Are the Least Worried and Most Satisfied, Survey Finds
- He and She

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ADVANCE-Nebraska presents: Starting Up and Managing a Research Lab & Roadmap to Success

The first event on the schedule for ADVANCE-Nebraska conversation series this year will be, "Starting Up and Managing a Research Lab" and "Roadmap to Success" held on Wednesday, September 19, 11:30am – 1:00pm in the City Campus Union (free lunch provided with registration). We invite

early career faculty who are new to the challenges involved in establishing and managing a research lab to have a conversation with experienced faculty member, Dr. Anuradha Subramanian and Graduate Studies Recruitment Director, Justina Clark, who will be there to talk with you about best practices. We

also look forward to answering any questions you might have about starting up a lab, recruiting new graduate students and post-docs, and coping with managing people in a lab or research group. **RSVP by September 14th to advance2@unl.edu**

Newest Scientists Are the Least Worried and Most Satisfied. Survey Finds

August 29 2012, *The Chronicle of Higher Education* Money Talk: An article by Audrey Williams June in *The Chronicle of Higher Education* (August 29) reports on a recent survey of academic-based scientists. Among other findings: "Many academic scientists are satisfied

with their work, even as the precarious state of the global economy has sharpened their worries about the shrinking amount of grant money available for research ... But some scientists, especially those with the most experience, are more likely than others to say the economy has hampered their work."

You'll need a subscription to the *Chronicle of Higher Education* to read the full story:

<http://chronicle.com/article/Newest-Scientists-Are-the/134000/>

He and She

Inside Higher Ed, by Kaustuv Basu
Researchers in medicine and science continue to focus on male animals in their trials and experiments. Men are left out of osteoporosis studies. And government auto safety testing doesn't use crash test dummies that are designed to

resemble pregnant women. Efforts to include sex and gender analysis, such as guidelines by the National Institutes of Health instructing grantees to include women and minorities in clinical research, have been around for more than a decade. But researchers are not doing a good

enough job of incorporating such analysis in their work, say experts involved in a Stanford University project called Gendered Innovations in Science, Health & Medicine, and Engineering. They say that doing so would lead to better science. Read the full article.



Roots of Racism

Science Magazine by [Elizabeth Culotta](#)

Racial prejudice apparently stems from deep evolutionary roots and a universal tendency to form coalitions and favor our own side. And yet what makes a "group" is mercurial: In experiments, people easily form coalitions based on meaningless traits or preferences—and then favor others in their "group." Researchers have explored these innate biases and begun to ask *why* such biases exist. What factors in our evolutionary past have shaped our coalitionary present—and what, if anything, can we do about it now? Several avenues of research are probing the origins of what many psychologists call in-group love and out-group hate. Researchers are testing the implicit biases of young children and even primates, and devising experiments to ratchet bias up and down. Evolutionary researchers are trying to parse the group environments of our ancestors and are debating just how big a selective pressure came from out-group male warriors. [Read the full article.](#) Download the podcast Interview [here.](#)

Male Scientist Balancing Act

Inside Higher Ed, by Scott Jaschik

Numerous studies have focused on how women in academic science balance their quest for career advancement with their family responsibilities. A study released here at the annual meeting of the American Sociological Association (by researchers who have done considerable research on women in science) turns to male scientists, and asks how they balance work and home responsibilities.

The scholars conducted in-depth interviews with 74 physicists and biologists who are graduate students or faculty members at prestigious universities, and the results illustrate options that male scientists have that many female scientists who have or want children lack. A majority of men studied who have families organized their lives in decidedly unequal ways with regard to family and home duties. Perhaps not surprisingly, the most traditional male scientists are older (and more successful). But the study finds that many male scientists starting their careers (and whose wives work outside the home) do not attempt to have equal responsibility for raising children or managing homes. [Read the full article.](#)

We're on the Web!

See us at:

Advance.unl.edu

Save the Date!

Wednesday, September 19th

City Campus Union

11:30am – 1:00pm

Dr. Anuradha Subramanian & Justina Clark

Panel “ How to Set up and Manage a Lab” and “Roadmap to Success”

Friday, October 19th

11:30am - 1:00pm

Dr. Marinda Li Wu, 2012 American Chemical Society President-Elect

Room 548 Hamilton Hall

<https://sites.google.com/site/marindawu/>

Friday, November 2, 2012

Dr. Christina Falci

11:30am – 1:30pm, City Campus Union, Georgian Suite

Advance Networking Research Workshop

Space is limited, please RSVP advance2@unl.edu.