



March 8, 2011

Issue 2: 16

Women in Science and Engineering

[www.usc.edu/programs/wise](http://www.usc.edu/programs/wise)

**WISE PROGRAM  
UPCOMING DEADLINES**

**CALENDAR  
UPCOMING EVENTS**

**UNDERGRADUATE  
RESEARCH AWARDS:  
APRIL 1**

UNDERGRADUATE  
RESEARCH GRANTS

WISE FACULTY  
NETWORKING  
MEETING

**Deadlines:**

USC College: April 1  
Viterbi: April 1

**Award Amount:** \$5,000 (\$4,500 for the student and \$500 for advisor support).

**Directions:** Submit online application.

**Purpose:** Up to fifteen Undergraduate Research Fellowships are granted each year in both the USC College and in the Viterbi School of Engineering to support summer and academic year research (Five awards each in the fall, spring and summer terms). The goal is to familiarize students with laboratory research and link them with a mentor early on. It is hoped that through the experience of first-hand research at the undergraduate level, the chances will increase that students will choose to pursue a graduate degree in science or engineering.

Meetings held the last Thursday of the month at 12pm in HNB 107; **Thursday, February 24, 2011 and Thursday, March 31, 2011;** Bring your own lunch; cookies, coffee, and tea provided.

USC PHD HOODING  
CEREMONY

**Thursday, May 12, 2011  
9:30 AM - 11:30 AM**

Bovard Auditorium  
Registration Begins  
February 11th at 2:00 p.m  
Students Must Register!

The Ph.D. Hooding Ceremony, sponsored by The USC Graduate School, is the only University-wide event exclusively for Ph.D. recipients. Those Ph.D. candidates who graduated in December 2010 or who will graduate in May or August 2011 are eligible to participate. On February 11th at 2:00 p.m. (Pacific Time) the official 2011 Hood-

----continued on next page

To see all the USC Wise Grant Programs, including ongoing grants without specific deadlines, please visit:

<http://www.usc.edu/programs/wise/programs/>

[WISEPROG@USC.EDU](mailto:WISEPROG@USC.EDU)



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ing Ceremony web page will be available for registration on The USC Graduate School website. It will have complete Hooding information, logistics, instructions and the on-line registration form. In order to participate in the ceremony, candidates must register online between Friday, February 11, 2011 at 2:00 p.m. and Friday, April 1, 2011 at 5:00 p.m. (Pacific Time). Only students who register online by 5:00 pm on April 1st will be able to take part in the Ph.D. Hooding Ceremony. Each student who registers by the deadline will be guaranteed a limited

## FACULTY/POSTDOC OPPORTUNITIES

### BUSINESS FOR SCIENTISTS

Kellogg Center for Biotechnology Executive Education course 2011.

April 11-15, 2011

Designed to introduce scientists to business concepts and industry specific tools and frameworks. Basic knowledge in accounting, strategy, finance, and management will be covered and its relevance applied to the biomedical sector. The course will enable you to think of how innovation moves from bench to market.

For more information:

<http://www.kellogg.northwestern.edu/biotech/extended/scientists.htm>

Contact:

Jeanne Laseman,  
Program Manager  
847.491.5540

[j-laseman@kelloggnorthwestern.edu](mailto:j-laseman@kelloggnorthwestern.edu)



## 2011 SUMMER WORKSHOP ON COGNITIVE SCIENCE/NEUROSCIENCE AND THE HUMANITIES

The Center For Advanced Study  
in the Behavioral Sciences at  
Stanford University

Applications are being accepted for this workshop from **January 27 - March 31, 2011.**

Generously funded by the Mellon Foundation, a limited number of fellowships are available for advanced graduate students and younger faculty to attend CASBS' 2011 Summer Workshop on Cognitive Science/Neuroscience and the Humanities. Held from July 25 - August 5, 2011, the workshop will consist of 10 days of tutorials and high-level exploration of the range of uses to which perspectives from the cognitive science and neuroscience may be put by scholars from the humanities. What are the payoffs to be gained from this kind of undertaking? What are the risks and pitfalls?

To go directly to the announcement web page for directions on how to apply, visit the CASBS website at:

<http://summerworkshop.casbs.org>

For general information about the CASBS Summer Workshop program, feel free to visit our Collaborative Ventures web page at:

<http://www.casbs.org/index.php?act=page&id=112>

Topics covered include: The nature of information processing; Key facts about the brain and neuroscientific methods; Visual perception, aesthetics and art history; Memory beyond Freud; False memory, implicit memory, and the new "unconscious"; Mental imagery and the literary imagination; Thinking in metaphors, or philosophy "in the flesh"; The history of emotions, and emotions in history; Narrative and the brain; Stories as the building blocks of culture; Empathy and the cinematic experience; Morality and neuroethics; The humanistic quest for a just world; Neural plasticity and "biological determinism."

SECOND  
INTERNATIONAL  
CONFERENCE ON  
THE IMAGE

Kursaal Congress Palace,  
San Sebastian, Spain  
26-27 September 2011

[www.ontheimage.com/conference/](http://www.ontheimage.com/conference/)

The Image Conference is a forum at which participants will interrogate the nature and functions of image-making and images. The conference has a cross-disciplinary focus, bringing together researchers, teachers and practitioners from areas of interest including: architecture, art, cognitive science, communications, computer science, cultural studies, design, education, film studies, history, linguistics, management, marketing, media studies, museum studies, philosophy, photography, psychology, religious

studies, semiotics, and more.

We are pleased to hold the 2011 conference alongside the San Sebastian International Film Festival, founded in 1953 and acknowledged by the International Federation of Film Producers Associations (FIAPF) as an A Category Festival.

As well as a line-up of internationally-known plenary speakers, the conference will also include numerous paper, workshop and colloquium presentations by practitioners, teachers and researchers. Participants are invited to submit a presentation proposal for a 30-minute paper, 60-minute workshop, or a jointly presented 90-minute colloquium session.

Presenters may choose to submit written papers for publication in the refereed International Journal of the Image. If you are unable to attend the conference in person, virtual registrations are also available which allow you to submit a paper for refereeing and possible publica-

tion, as well as access to the journal. We also encourage you to present on the conference YouTube Playlist.

The **deadline** for the next round in the call for papers (a title and short abstract) is **10 March 2011**. Future deadlines will be announced on the conference website after this date. Proposals are reviewed within two weeks of submission. Full details of the conference, including an online proposal submission form, may be found on the conference website at:

<http://ontheimage.com/conference/>

We also invite you to subscribe to our free, monthly email newsletter, and to our Facebook, RSS or Twitter feeds at

<http://ontheimage.com/>

JOYFUL PROFESSOR COACHING WORKSHOP  
APRIL 1 - SEPTEMBER 9, 2011

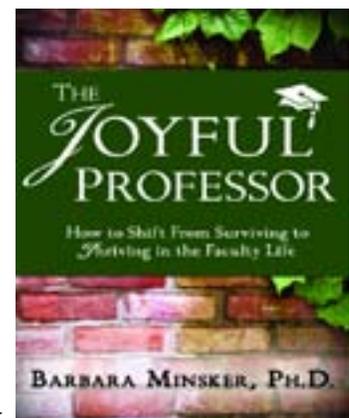
The Joyful Professor Coaching Workshop is designed to help you be a successful professor while bringing work-life balance and joy into your academic world. Do you dread the start of a new semester and that sense of overwhelm? Are you not so excited about another round of faculty meetings and the endless list of chores that get in the way of reasons you chose a career as a professor in the first place?

Through a mix of one-on-one coaching and small-group discussion (limited to 8 participants), this workshop will help faculty members obtain greater control over their personal time, begin to live a healthy joyous lifestyle and gain greater productivity and passion in their professional life. The workshop will help you begin to shift from frantic and overwhelm towards your personal image of an ideal life.

This workshop is for you if you want to:

- \* Learn how to unite your personal and professional goals and needs and achieve work-life balance
- \* Re-discover your personal passion and joy
- \* Reduce, re-prioritize, and minimize that list of shoulds
- \* Develop habits that help you balance research, teaching, and academic engagement
- \* Create and master strategies to avoid common productivity drains and time-wasters

You will also learn helpful tips for balancing the many demands of a researcher, teacher, coach, and mentor, and your own needs for a healthy personal life. The workshop will support participants as they work through the approach outlined in the book The Joyful Professor: How to Shift From Surviving to Thriving in the Faculty Life.



For more Information: [Click Here](#)

## MORE FACULTY/POST-DOC...

### MARIE THARP FELLOWSHIP 2011-2012

\*\*\*Application Deadline: March 31, 2011\*\*\*

**Overview:** The Earth Institute and Lamont-Doherty Earth Observatory at Columbia University invite applications for the Marie Tharp Fellowship 2011-2012. This fellowship is part of a greater EI/LDEO effort at promoting the advancement of women scientists. The purpose of the award is to provide an opportunity for earth scientists to conduct research at Columbia University for a period of 3 months. Fellows will have an opportunity to work with faculty, research staff, post docs, and graduate students during their fellowship. Each fellow is expected to participate in EI/LDEO activities and make a scientific presentation during their residence.

**Background:** The fellowship is named after Marie Tharp, who was the first to map details of the ocean floor on a global scale. She published the pivotal interpretation of mid-ocean ridges that was crucial to the eventual acceptance of the theories of plate tectonics and continental drift. Tharp came to the Lamont Geological Observatory (now the Lamont-Doherty Earth Observatory), where she began work on mapping the ocean floor. Her map of the ocean floor is still a foundation for research and education in the ocean sciences.

**Who Is Eligible to Apply for a Marie Tharp Fellowship?** The competition is open to junior and mid-career scientists in the earth sciences. Applicants must hold a Ph.D. at the time of application. The goal of this award is to promote women in science. Faculty (full-time or adjunct) and researchers at Columbia University are not eligible to apply.

**What Does the Fellowship Entail?** The duration of the Marie Tharp Fellowship is for three months over the period September 2011 through August 2012. Fellows are encouraged to visit for three consecutive months, but they may choose to take their fellowship in two separate visits. The fellowship must be taken in residence at one of the earth science units of the Earth Institute (see end for complete list of eligible units) and will provide up to \$30,000 for support of the fellow during the three-month period.

**Budget:** Fellows can use this award to pay salary, research expenses and travel, up to a total of \$30,000 over a three-month period. The following maximum individual limits are proposed: Salary \$25,000 (including fringe); Research Expenses \$25,000; Travel: \$5,000. That is, if you request a salary of \$24,000 then you can request only up to \$6,000 for research and travel expenses. In case of compelling reasons, the fellow may submit a written request to the LDEO Directorate to waive one or more of these limits.

**Application Procedure.** Applicants must submit a proposal (maximum three pages) describing the proposed project and with whom at Columbia they would like to work. It is strongly

recommended that applicants contact their Columbia collaborators prior to submission. The proposal must be accompanied by a Curriculum Vita, a proposed budget, and two letters of reference. Please use the budget guidelines given above. All application materials must be submitted by March 31, 2011 via email to Kuheli.Dutt@columbia.edu. All materials must be submitted as a single combined PDF document. Incomplete applications will not be considered. References may be either included in the combined document or sent via email separately.

**Selection Criteria.** All proposals will be reviewed by a committee of scientists and administrators at EI and LDEO. The criteria for selection will be based on scientific excellence and potential contribution to LDEO / EI research activities. The following specific points will be considered: a) Quality of scholarly record as evidenced by publications and reference letters; b) Feasibility and quality of the proposed research as evidenced by the research proposal and reference letters; c) Relevance of the proposed research to the LDEO/EI Research activities as evidenced by the research proposal.

Marie Tharp Fellows will be notified of their appointment by April 30, 2011.

#### Eligible Research Units at the Earth Institute

- \* Lamont-Doherty Earth Observatory (LDEO)
- \* Center for Research on Environmental Decisions (CRED)
- \* Cooperative Institute for Climate Applications and Research (CICAR)
- \* Goddard Institute for Space Studies (GISS)
- \* Center for International Earth Science Information Network (CIESIN)
- \* International Research Institute for Climate and Society (IRI)
- \* Center for Rivers and Estuaries
- \* Center for Climate Systems Research (CCSR)
- \* Center for Environmental Research and Conservation (CERC)
- \* The Earth Engineering Center (EEC)
- \* Lenfest Center for Sustainable Energy (LCSE)
- \* The Center on Globalization and Sustainable Development (CGSD)
- \* The Center for Sustainable Urban Development (CSUD)
- \* The Center for Hazards and Risk Research (CHRR)
- \* The Columbia Water Center
- \* The Black Rock Forest Consortium

#### Contact:

Dr. Kuheli Dutt  
Assistant Director, Academic Affairs & Diversity  
Lamont-Doherty Earth Observatory, Columbia University  
61 Route 9W, Palisades NY 10964  
Phone: 845-365-8603 Fax: 845-365-8162  
Email: kdutt@ldeo.columbia.edu  
Website: <http://www.ldeo.columbia.edu/academicaffairs>

CRA-W TO HOLD CAREER MENTORING  
WORKSHOP AT FCRC 2011

June 4-5, 2011  
San Jose, CA

The CRA Committee on the Status of Women in Computing research (CRA-W) will sponsor a Workshop on Research Career Mentoring for Women in Computer Science and Computer Engineering at the 2011 Federated Computing Research Conference.

The goal of the workshop is to provide mentoring activities targeting women in professional research careers. The two-track workshop will cover a variety of topics targeted to “junior” academic researchers and industrial and national laboratory researchers.

We are pleased to announce a Teaching Workshop to be held on Sunday afternoon, June 5. If you teach now or plan to teach in the future, you are encouraged to attend this optional workshop. It will provide essential skills and strategies for teaching computing, including Learning/Teaching Styles and Implementation; Course Planning, Execution, and Assessment; and Effective and Efficient Course Management and Delivery.

For more information about the workshop and to apply for financial support to attend, please visit the workshop website:

<http://cra-w.org/ArticleDetails/ArticleID/90>

Please note the following important dates:

Deadline to apply for travel support:        March 25th

Notification about travel support:        April 15th

Early registration ends - on or around May 5th (check FCRC site for updates)

INSTITUTE FOR STRATEGIC  
FUNDING  
DEVELOPMENT  
TWO DAY STRATEGIC  
GRANT DEVELOPMENT  
WORKSHOP (SPONSORED  
BY ISFD)

To be held at: The University  
of Southern California. Los  
Angeles, California  
**March 30 - 31, 2011** - 8:30AM  
- 5:00 PM

CFRE Accredited Course for 15  
contact hours or 15 Continuing  
Education Points! Participants  
completing the workshop will  
receive the following: a Certifi-  
cate of Completion accredited  
by CFRE, grant funding CD,  
bonus fundraising CD, expert  
grant training instruction from  
industry leaders. Visit our  
website or call (877) 414-8991 to  
sign up now.

The strategic grant writing de-  
velopment workshop is designed  
to teach the basics of grant writ-  
ing for industry professionals. It  
provides a comprehensive over-  
view of effective grant develop-  
ment techniques, including:  
finding best fit funding sources,  
creating innovative programs,  
and planning for funding sus-  
tainability.

Attendees of the Strategic Grant  
Writing Development will learn  
the following:

Strategic Grant Research -  
Through interactive exercises,  
discussions, applicable research  
assignments and individual con-  
sultations, you will learn how to  
strategically identify appropriate  
funding agencies. This course  
will expose you to database ap-  
plications, online research tools,

as well as traditional publica-  
tions that contain information  
about multiple grant opportuni-  
ties.

Strategic Program Planning  
- Planning a winning pro-  
posal requires developing ideas  
that are clear, significant and  
compelling. Your ideas must  
not only meet the criteria of  
a grant maker, but they must  
also demonstrate your in-depth  
knowledge about a grant maker.  
Effectively strategizing your pro-  
posal idea is what this workshop  
will emphasize.

Strategic Proposal Writing -  
Preparing a successful written  
proposal requires an organized,  
systematic approach to effective-  
ly convey your story. It demands  
disciplined strategies to align  
your content to what a grant  
maker is looking for. This  
workshop provides a step-by-  
step writing process to deal  
with any and all application  
requirements.

Strategic Proposal Submittal  
Process - Tip and strategies  
to ensure that you follow the  
proper protocol and best prac-  
tices on grant proposal submit-  
tals. Learn the best tips and  
tricks to increase your chances  
of getting your grant success-  
fully approved.

Tuition for our Two-day grant  
writing workshop is \$498 per  
person, with a \$25 off discount  
for early sign-ups (10 business  
days or more before the work-  
shop). Each participant will  
receive the following:

\* ISFD Certificate of Comple-  
tion accredited by CFRE with 15  
Continuation Education Units  
(CEU) or 15 Contact Hours

\* Strategic Grant Writing Devel-  
opment Proposal Workbook and  
Bonus Materials, Fundraising &  
Research CD

\* On-Going Consulting Services  
with ISFD Instructors & Staff

Registration:

- 1) Online
- 2) Phone - Call us at (877) 414-  
8991. An ISFD consultant will  
assist you with your registration  
and answer any questions.
- 3) Email - Send an email to  
info@isfdonline.com with your  
basic contact information and a  
seat will be reserved.

**UNDERGRADUATE  
OPPORTUNITIES**

VERIZON  
SCHOLARSHIP AWARDS PROGRAM

Application Deadline: **March 30, 2011**

The Asian Pacific Community Fund (APCF),  
first established in 1990 and now a network  
of 29 community organizations focused on  
transforming the lives of Asian and Pacific  
Islanders throughout Los Angeles County,  
is partnering with Verizon to offer \$20,000  
in scholarships for students attending a  
4-year accredited college. This year, the first  
in the program, they are offering 20 - \$1,000  
awards to students based on merit and essay  
questions. The first cycle for the scholar-  
ship program consists of 8 awards targeting  
first-year college students whose majors are  
math, sciences, engineering, or related field.  
The deadline for the first cycle is March 30th,  
2011. For more information:

[www.apcf.org](http://www.apcf.org)

Contact WiSE Program Manager, Sarah  
Fried-Gintis, for Additional Informational  
Materials.

[sfried@usc.edu](mailto:sfried@usc.edu)

## AWIS

The Mission of the Los Angeles and Ventura County Chapter of AWIS is to foster the personal and professional skills of women so they can become leaders in their field, support women at all stages of their career through career development workshops, networking opportunities, social gatherings, and specific mentoring programs, promote a collegial environment where women from different disciplines and employment sectors, feel confident to share their experience, advice, and expertise for the benefit of all members.

### BIOFUELS AND GREEN ENERGY SCIENTIFIC PANEL DISCUSSION

Interested in green energy and the future of biofuels? We have assembled a panel of speakers that will give you the low-down on what's happening in this cutting edge field and tips on how you can get your foot in the door.

Save the date!

Date: **March 31**

Time: evening (TBA)

Location: Ceres, Inc. 1535 Rancho Conejo Boulevard, Thousand Oaks, CA 91320

RSVP here: <http://tinyurl.com/AWIS-BiofuelsRSVP>

### SOLSTICE CANYON HIKE

As the LA weather warms up, come join AWIS ladies on Saturday, April 9th for a family friendly hike through Solstice Canyon in Malibu! This 3-mile round-trip trek starts off on the Rising Sun Trail with spectacular ocean views and leads you past the Tropical Terrace covered in exotic plants and stunning pools. The hike continues past the ruins of a 1960's home destroyed in a fire and culminates in a 30ft waterfall! This hike is rated as "easy" so grab sunscreen, a picnic lunch and water, and bring

family, friends, significant others, children and even pets for a fun afternoon!

When: **Saturday, April 9th** at 11am

Directions: Head North on PCH from Malibu Canyon Road to Corral Canyon Road and turn right. Continue until the gated entrance to Solstice Canyon. We will meet in the parking lot at 11am and depart for the hike by 11:20am.

Carpools: Since the parking lot is relatively small, we highly recommend carpooling. Carpools can be arranged via our AWIS LA/VC Facebook page.

Contact: Melina (818.448.2957) or Erin (626.483.1226)

More information: [http://www.localhikes.com/Hikes/SolsticeCanyon\\_4472.asp](http://www.localhikes.com/Hikes/SolsticeCanyon_4472.asp)

RSVP: <http://tinyurl.com/AWISSolsticeCynHikeRSVP>

### MINDFULNESS SEMINAR

Save the date of **Thursday, April 28** for a wonderful workshop put on by UCLA's Marvin Belzer of the Mindfulness Awareness Research Center (MARC). RSVP link available soon on [www.awislavc.org](http://www.awislavc.org).

### SAN DIEGO WEST EVENT

**Saturday, May 14**

The Women In Science and Technology Conference is:

- A one-day symposium focusing on career and personal development, as well as peer networking
- Inspiring, prominent keynote speakers
- Exciting and informative workshops, round-tables, and seminars for individuals at all stages of their careers in both academia and industry
- An excellent opportunity to network, develop new skills, and explore career opportunities with 300 attendees from the scientific community

It's purpose is to empower women in STEM at all levels to enhance their careers through networking, discussion of relevant career development topics, and exposure to a wide range of specialities within STEM.

As we enter a new decade now is the opportunity to make positive changes in our careers and lives!

Contact Kathy for more information. We will be organizing carpools to go.

## ALGORITHMS CAN'T SOLVE CS GENDER GAP

The Brown Daily Herald  
By Sahil Luthra  
Senior Staff Writer

Fiona Condon '12 was reading over a project handout for her computer science class. The prompt presented a hypothetical scenario, and while some students might have been amused, Condon found it "a little off-putting."

A woman is upset because she cannot figure out the answer to a problem and her boyfriend is not around to help her. The prompt instructs the student to help.

"I understood it was kind of a topical joke based around the themes of the course," Condon said. "But at the same time, having that trope be right in the project handout was a little irritating."

While she said these experiences are "absolutely not" the norm in the Department of Computer Science, the stereotype of women struggling with computers is culturally ubiquitous.

Nationwide, the number of women in computer science is one of the lowest out of all science, technology, engineering and math fields. In 2009, only 11 percent of computer science bachelor's degree recipients were women, according to a survey by the Computing Research Association. While she said these experiences are "absolutely not" the norm in the Department of Computer Science, the stereotype of women struggling with compu

ters is culturally ubiquitous. Nationwide, the number of women in computer science is one of the lowest out of all science, technology, engineering and math fields. In 2009, only 11 percent of computer science bachelor's degree recipients were women, according to a survey by the Computing Research Association.

### Departmental efforts

Statistics for Brown reflect national trends. Roughly 15 percent of CS concentrators are female, said Tom Doeppner, director of undergraduate affairs in computer science. He added he has seen that figure climb as high as 25 percent in the past.

The department tries to make sure introductory courses have female teaching assistants and analyzes which types of assignments are most intimidating to women.

The Admission Office is "quite aware" that the department wants more women who express an interest in CS, Doeppner said, though he said he was unsure if expressing an interest would actually increase a female applicant's odds at admission. Admissions officials did not respond to multiple requests

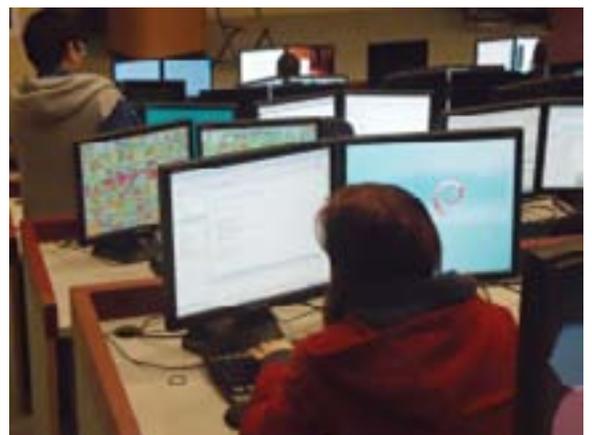
for comment.

The CS department also offers three introductory sequences, partially in hopes of attracting women. But offering many options likely has not affected the University's numbers, Doeppner said. He said he doubts introductory courses "are scaring women off any more than they're scaring men off"

"The problem is not that women get disenchanted with CS when they get here — it's that they aren't coming here interested in computer science," he said. "The perspective that people are getting is that a bunch of male hackers get together and just code all the time, which isn't really computer science."

For the rest of the article see:

<http://www.browndailyherald.com/algorithms-can-t-solve-cs-gender-gap-1.2470860>



## IN THE NEWS



### FORSBURG LAUDED FOR COMMITMENT TO WOMEN IN SCIENCE

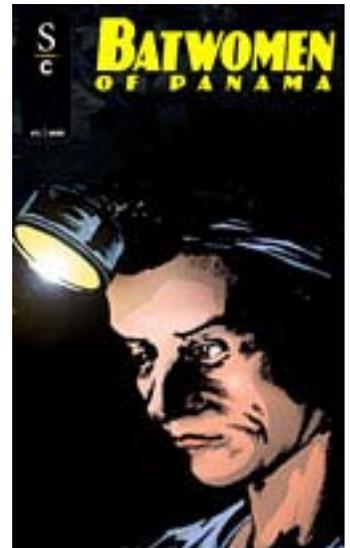
#### USC NEWS

By Ambrosia Viramontes-Brody on March 3, 2011

Susan Forsburg, professor of biological sciences at USC College, has received the 2011 Roche Diagnostics Alice C. Evans Award from the American Society of Microbiology for contributions to the advancement of women in science.

For more information visit:

[http://uscnews.usc.edu/science\\_technology/forsburg\\_lauded\\_for\\_commitment\\_to\\_women\\_in\\_science.html](http://uscnews.usc.edu/science_technology/forsburg_lauded_for_commitment_to_women_in_science.html)



### **The Smithsonian Channel Features:**

#### *Women in Science Working Wonders*

In March, Smithsonian Channel is putting some of the world's greatest female scientists under the microscope. Meet fascinating scientists whose passion to save the planet makes them today's superheroes.

<http://www.smithsonianchannel.com/site/sn/women-in-science.do>

## STUDENTS IN THE NEWS

USC undergraduate Katherine Wittig has been accepted to participate in the Summer 2011 Research Program run through the Math Department of Cornell University. A previous recipient of the WiSE Undergraduate Research Award -- who studied with Susan Montgomery -- Ms. Wittig will be studying the linear algebra of finite groups. For more information on her program visit:

<http://www.math.cornell.edu/Undergraduate/REU/REU.htm>

"The National Center for Metropolitan Transportation Research (METRANS) is pleased to announce that Christine Nguyen is the METRANS Outstanding Student of the Year for 2010. METRANS, a partnership of the University of Southern California and California State University, Long Beach, is a US Department of Transportation designated University Transportation Center. Its mission is to solve transportation problems of large metropolitan areas through research, education, and outreach."



S. Fried-Gintis  
3/9/11

University of Southern California  
**Research Advancement Workshop**

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***A Panel on Wireless Technologies and their Potential for  
Health and Health-related Research***

**Moderator:** Urbashi Mitra, Ming Hsieh Department of Electrical Engineering

**Panelists:** Murali Annavaram, Ming Hsieh Department of Electrical Engineering  
Jill McNitt-Gray, Kinesiology, Biological Sciences, & Biomedical Engineering  
Andy Molisch, Ming Hsieh Department of Electrical Engineering  
Terry Sanger, Director, HTE@USC  
Biomedical Engineering, Biokinesiology & Neurology  
Carolee Winstein, Biokinesiology, Physical Therapy, Health Affairs  
& Neurology, Director, OPTT-RERC

**Description:**

Cellular telephones have advanced from pure voice communication devices to data communication devices and are evolving into computing devices with a current focus on data management and entertainment applications. Today, more than 80% of the world's population is within the reach of a cell tower with nearly 4 billion mobile phones in use. Such expansive mobile phone penetration and coverage creates new opportunities to exploit wireless technology for prevention and treatment efforts of health conditions. In this panel, we will explore the potential impact of new wireless technology on treatment and on health-related research, in general. Challenges and potential new research directions will be discussed for a variety of health domains.

**Thursday, March 10th, 2011  
12:00 PM – 2:00 PM**

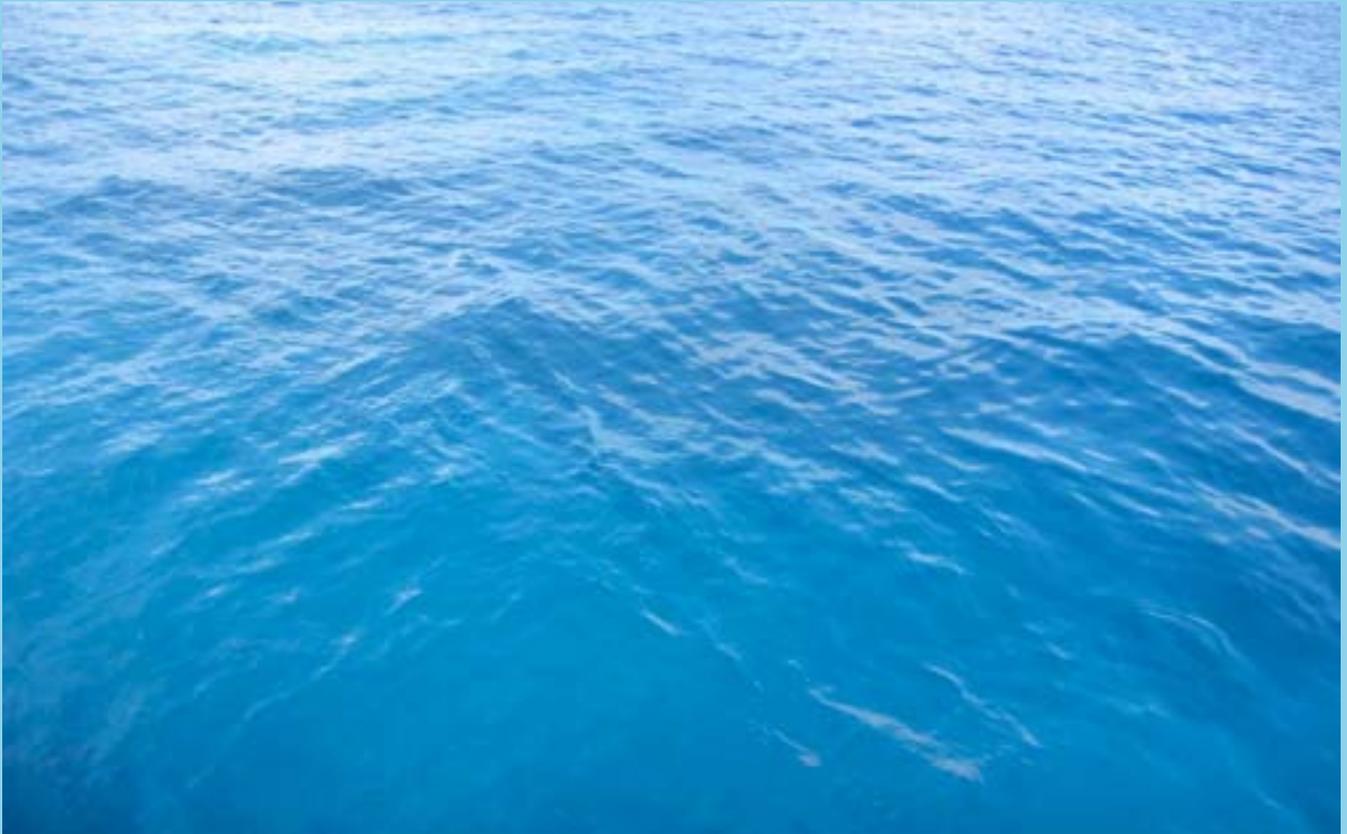
**Locations:**

**University Park Campus, UPC: ACB 238 (lunch served)  
Health Sciences Campus, HSC: BCC 1<sup>st</sup> Floor Seminar Room  
Informational Sciences Institute, ISI: 11<sup>th</sup> Floor Conference Room**

**Workshop will be simulcasted at UPC, HSC and ISI.  
Register at [usccer@usc.edu](mailto:usccer@usc.edu) to reserve your space!**

# Got Ocean?

**We are looking for an intern.**



**Come work on an exciting, international, high-profile, ground-breaking, ocean exploration expedition.**

- Must be available 10-15 hrs/week
- have ocean research experience/time at sea/knowledge of the field
- have an affinity for *organization* and *detail*
- be resourceful, self starting, & creative

**Exceptional candidates may be invited on the cruise.**

Position can be paid/unpaid. You can work from home, but should be able to drive Pasadena and Orange County.

**Email [oceanexplorer@mail.com](mailto:oceanexplorer@mail.com) to apply**

**Applications due March 15th, 2011**