



February 22, 2011

Issue 2: 15

Women in Science and Engineering

www.usc.edu/programs/wise

WISE PROGRAM UPCOMING DEADLINES

UNDERGRADUATE RESEARCH GRANTS

Deadlines:

USC College: April 1
Viterbi: April 1

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

Directions: Submit on-
line application.

Purpose: Up to fifteen
Undergraduate Research
Fellowships are granted
each year in both the
USC College and in the
Viterbi School of Engi-
neering to support sum-
mer 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.

GRADUATE TOP-OFF FELLOWSHIPS

Deadlines:

USC College: March 3
Viterbi: March 3

Award Amount: Top-off
awards of \$5,000/year for
2 years

Directions: Department
Chairs should submit
application materials
electronically in digital
form to the WiSE pro-
gram office at:

wiseprog@usc.edu.

Purpose: Graduate Top-
Off Fellowship funds are
available to facilitate the
recruitment of outstand-
ing doctoral students to
USC. The funds provide
four incoming Ph.D. stu-
dents in the USC College
and four incoming Ph.D.
students in the Viterbi
School of Engineering
with a WiSE Fellow-
ship to supplement their
financial support pack-
ages. Each WiSE Fellow-
ship will carry a stipend
of \$5,000 and may be
renewed for a second
year pending satisfactory
progress verified by the
faculty advisor. Each
department may nomi-
nate two candidates.
Candidates must be
ranked and briefly sum-
marized in a cover letter
from the Department
Chair. Nominations and
supporting documenta-
tion should be submitted
electronically.

UNDERGRADUATE RESEARCH AWARDS: APRIL 1

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GRADUATE TOP-OFF AWARDS: MARCH 3

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MERIT AWARD FOR EXCELLENCE IN POSTDOCTORAL RESEARCH: MARCH 3

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MERIT FELLOWSHIP FOR CURRENT DOCTORAL STUDENTS: MARCH 3



INDEX

1
Upcoming
Deadlines/
Calender

2
Faculty & Postdoc
Oppts./ Graduate
Students Oppts.

3
GPSS

4
Undergraduate
Oppts.

5
In the News

MERIT AWARD FOR EXCELLENCE IN POSTDOCTORAL RESEARCH

Deadlines: March 3

Award Amount: \$3,000

Directions: Department chairs submit application materials electronically in digital form to the WiSE program office at wiseprog@usc.edu.

The WiSE Merit Awards for Excellence in Postdoctoral Research are offered to current Postdoctoral researchers at USC who demonstrate exceptional work in their field. Candidates must be working under the mentorship of a faculty member in a WiSE-eligible department of the USC College or Viterbi School of Engineering. A maximum of four awards will be given each year. Candidates are nominated by the faculty and each department may nominate up to two candidates. Each WiSE Award will be for \$3,000.

Purpose: The purpose of the WiSE Merit Award for Excellence in Postdoctoral Research is to provide junior researchers an opportunity to be recognized for their achievements. The WiSE Program hopes the awards will provide support and motivation to researchers on an academic trajectory and

and increase the representation of women in science and engineering.

Selection Criteria:

The WiSE Advisory Board will evaluate the excellence of the candidate's research, the trajectory of progress, and other attributes that demonstrate how the Award for Excellence in Postdoctoral Research may encourage the candidate to pursue a career in academic science and engineering.

MERIT FELLOWSHIP FOR CURRENT DOCTORAL STUDENTS

Deadlines: March 3

Award Amount: \$5,000

Directions: Department chairs submit application materials electronically in digital form to the WiSE program office at wiseprog@usc.edu.

The Merit Fellowship for Current Doctoral Students is offered to current Ph.D. students at USC who demonstrate exceptional work in their field. Two candidates will be chosen from the USC College and two from the Viterbi School of Engineering. Candidates are nominated by the faculty. Each one-year WiSE Fellowship carries a stipend of \$5,000.

Purpose: The purpose of the WiSE Merit Fellowship is to provide advanced doctoral students with an opportunity to be recognized for their achieve-

ments. Surveys have shown that the attrition rate of female doctoral students is significantly higher than that of male doctoral students. The WiSE Program hopes this fellowship will provide support and motivation to students on an academic trajectory who demonstrate dedication to increasing the representation of women in science and engineering.

Selection Criteria: The WiSE Committee will evaluate the excellence of the candidate's research, the trajectory of improvement, and any other personal/professional attributes that demonstrate how the Merit Fellowship may encourage the candidate to pursue a career in science and engineering.

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

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

CALENDAR
UPCOMING EVENTS

WISE FACULTY NETWORKING MEETING

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 Hooding 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 number of guest tickets for the event.

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@kellogg.northwestern.edu

GRADUATE OPPORTUNITIES

THE SCIENCE, TECHNOLOGY AND SOCIETY RESEARCH CLUSTER AT USC

Will offer four graduate summer research fellowships not to exceed \$2000 each. Applicants should send a 2 - 3 page research statement, a summer research plan and budget, a C.V., and a letter of support from your adviser to sts@usc.edu. Applications are due by **March 1st, 2011**.

For more information please visit:

<http://college.usc.edu/sts/funding/>

2011 SUMMER WORKSHOP ON COGNITIVE SCIENCE/ NEUROSCIENCE AND THE HUMANITIES AT THE CENTER FOR ADVANCED STUDY IN THE BEHAVIORAL SCIENCES AT STANFORD UNIVERSITY

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."

Applications are being accepted for this workshop from **January 27 - March 31, 2011**. For more information, please visit our website at:

<http://summerworkshop.casbs.org>

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For more information please visit us at:

<http://college.usc.edu/sts/>

UNIVERSITY OF SOUTHERN CALIFORNIA CENTER FOR APPLIED MATHEMATICAL SCIENCES

Graduate Student Prize for Excellence in Research with a substantial mathematical component.

The \$1,000 prize will be awarded annually funded by a generous donation

from Edward and Dolores Blum

ELIGIBILITY: Any graduate student at USC who is expected to receive a PhD degree between May 2011 and August 2012 inclusive is eligible.

Nomination procedures: Nominations should include a nominating letter from the student's dissertation committee chair, the nominee's C.V. and a statement of three pages or less by the nominee describing his or her research in a way that is accessible to non-experts. Reprints, preprints and a further faculty letter of support are not required, but may be included in the supporting material.

DEADLINE: Nominations are due by **Tuesday, March 1st, 2011 at 4 pm**. Please direct nominations to the Director of CAMS and send the material to:

Fatima Perez
Department of
Mathematics
KAP 108, MC 2532
fcperetz@usc.edu

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 publication, 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/](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/>

GRADUATE PROFESSIONAL STUDENT SENATE

FEBRUARY GRAD BAR

Grad Bar with UCLA, USC, and Caltech Graduate students. Come find the love of your life and mingle with the creme de la creme. Bring your USC ID. Free entrance from 9:30-10:30. \$20 Cover afterwards.

Friends of USC students are welcome and will get in free as well if they come from 9:30-10:30. I know the law students will be there in full force, how will the other schools stack up?

When: Friday, Feb. 25th
9:30pm

Where:
Industry
643 N. La Cienega
Los Angeles, CA
Contact:
gpssoc@gmail.com

[Win money for your research!](#)

[Submit online to the](#)

THIRD ANNUAL GPSS POSTER SYMPOSIUM

Apply to the Third Annual GPSS Poster Symposium and win up to \$1,000 for your research. Graduate and professional students from all departments are invited to showcase their research in the form of a poster. See GPSS website --> Events --> Poster Symposium for more info. Submit by midnight **Friday, February 25th**.

When: April 6, 2011
9:00AM-5:30PM
Where: VKC Courtyard
Contact:
gpssacad@usc.edu

WELCOME BACK

Spring Semester
Gathering.

Event: The Graduate Student Committee for Gender Equity invites Graduate Student Parents for a "Welcome Back" Spring Semester Gathering. Families can paint together, explore the

museum, or join a bilingual gallery tour. The event is free for everyone. A light lunch and refreshments will be served.

Event: The Graduate Student Committee for Gender Equity invites Graduate Student Parents for a "Welcome Back" Spring Semester Gathering. Families can paint together, explore the museum, or join a bilingual gallery tour. The event is free for everyone. A light lunch and refreshments will be served.

When: February 20, 2011
12:30pm -2:30 pm
Where: LACMA Park,
in front of the Boone
Children's Gallery, 5905
Wilshire Boulevard, Los
Angeles, CA 90036
Contact: Alice Bardan
bardan@usc.edu
213-344-7973

FIELD TRIP!!!

Trojan Neighbors Field
Trip to See IMAX Movie
HUB BLE 3D at the
California Science Center
(Exposition Park across the
street from campus!)

When: 2/19 4:30pm
meet at Centennial
House 5:30pm
Movie starts (45 minutes
long) 6:30pm Cold Stone
ice cream!!!!

Where: California Sci
ence Center (Exposition
Park across the street
from campus!)
Contact:
gpssservice@gmail.com

UNDERGRADUATE OPPORTUNITIES

2011 DIVERSITY FORUM AT THE UNIVERSITY OF SOUTHERN CALIFORNIA - SATURDAY APRIL 2, 2011

USC is honored to host
The California Forum for
Diversity in Education, a
national graduate school
preparation program and
recruitment fair. To register
for this event, please visit:

<http://www.ucop.edu/diversityforum/>.

This all-day event draws
representatives from over
150 universities from
across the U.S. interested
in promoting graduate
education and recruiting
underrepresented under-
graduate and masters stu-
dents for various graduate
programs. Annually, over
1300 students participate
from throughout Southern
California. The event also
includes graduate student
preparation workshops
and special presentations
by faculty and graduate
students. For more infor-
mation, including partici-
pating universities, please
visit:

<http://www.ucop.edu/acadadv/forum-for-diversity/recruiters/>.

If you are interested, please
register for the conference

The Asian Pacific Com-
munity Fund (APCF),
first established in 1990
and now a network of 29
community organizations
focused on transform-
ing the lives of Asian and
Pacific Islanders through-
out Los Angeles County,
is partnering with Ve-
rizon to offer \$20,000 in
scholarships for students
attending a 4-year accred-
ited college. This year, the
first in the program, they
are offering 20 - \$1,000
awards to students based
on merit and essay ques-
tions. The first cycle for
the scholarship program
consists of 8 awards
targeting first-year college
students whose majors are
math, sciences, engineer-
ing, or related field. The
deadline for the first cycle
is March 30th, 2011. For
more information:

www.apcf.org.

Contact WiSE Program
Manager, Sarah Fried-
Gintis, for Additional
Informational Materials.
sfried@usc.edu

SUMMER RESEARCH AT CORNELL UNIVER- SITY: CORNELL CEN- TER FOR MATERIALS RESEARCH PROGRAM

June 6-August 12, 2011
Application deadline:
March 1, 2011

The Cornell Center for
Materials Research is of-
fering a special summer
research program with a
stipend valued at \$4000,

room in one of Cornell's
on-campus dorms and
additional funds for
travel (non-CU students
only). During the ten-
week period, students
will work with Cornell
faculty on interdisciplin-
ary materials research
projects involving chem-
istry, physics, materials
science and engineering
disciplines. Students will
also participate in an
organized program of
lectures, mini-courses
(e.g. electronics, micros-
copy), laboratory visits
and a variety of recre-
ational activities. Open
to Fall 2011 undergradu-
ates who are US Citizens
or permanent residents.
Selection will be based
on academic standing
and faculty recommen-
dations. Minority and
female candidates are
strongly encouraged
to apply. All chemistry,
physics and engineering
majors are welcome to
apply. Program includes
stipend which covers
housing, but does NOT
cover food.

Get more information
and apply at:

[www.ccmr.cornell.edu/
education/reu/](http://www.ccmr.cornell.edu/education/reu/)

SUMMER 2011 RESEARCH EXPERIENCES FOR UNDERGRADUATES IN SCIENCE & ENGINEERING!

Application Deadline:
Friday, February 25, 2011

* Extended deadline may be requested*

For more information and to apply:

<http://www.ccefp.org/get-involved/students/research-experiences-undergraduates-reu>

Welcome to the Center for Compact and Efficient Fluid Power (CCEFP) Research Experiences for Undergraduates (REU) Program. The program allows undergraduates to gain hands-on experience in conducting original research and apply it to cutting edge applications in fluid power and related disciplines.

The program and center are funded by the National Science Foundation. Students come from all around the country to work at the seven universities that are part of the Center. Students have a diverse range of majors, experiences and interests. We hope that you will consider joining us this summer.

Students work in a university research lab on a project related to fluid power along with a faculty advisor with expertise in the field. Projects may involve background reading of technical literature and reports, computer-aided design, mathematical modeling, fabrication designs, experimental testing and group discussions and project team

meetings. Every student has a project of their own with specific responsibilities and deliverables. At the end of the summer, every student creates a scientific poster and a project report. In addition, there is a program of professional development and

social activities with other REU students.

REU positions are available at Georgia Tech in Atlanta, University of Illinois in Urbana-Champaign, University of Minnesota in Minneapolis, Milwaukee School of Engi-

neering in Milwaukee, North Carolina A&T State University in Greensboro, Purdue University in West Lafayette, IN and Vanderbilt University in Nashville, TN.

<http://www.ccefp.org>

IN THE NEWS

STORIES SET IN STONE

By Laurie Moore
February 2, 2011 7:37 AM
USC News

When four members of the USC College Department of Earth Sciences took a fieldwork expedition to the United Kingdom, they didn't have to venture out to the middle of nowhere, drive on dirt roads for hours or hike miles to reach their destination.

http://uscnews.usc.edu/science_technology/stories_set_in_stone.html



EIGHT USC PROFESSORS NAMED AAAS FELLOWS

By Suzanne Wu
January 11, 2011 8:05 AM
USC News

Eight USC professors have been named fellows of the American Association for the Advancement of Science in recognition of distinguished accomplishments in advancing science and serving society.

http://uscnews.usc.edu/science_technology/seven_usc_faculty_named_aaas_fellows.html

S. Fried-Gintis
2/22/2011

