

January 18, 2011



College of Science Meet and Greet Reception with President Córdova and Provost Sands

Wednesday, January 19, 2011
10:30 a.m. – 11:00 a.m.

Lawson Computer Science Building
Room 3102 B

AMS Alumni and Friends Reception

Tuesday, January 25, 2011
6:30 – 8:30 p.m.

Seattle Sheraton, 1400 6th Avenue
Greenwood Room
([Map](#))

OUR RECENT PUBLICATIONS

Jones, A. P., A. S. Mcewen, L. L. Tornabene, V. R. Baker, H. J. Melosh, D. C. Berman, 2010: A geomorphic analysis of Hale crater, Mars: The effects of impact into ice-rich crust. *Icarus* 211, 259-272.

Tang, J. and Q. Zhuang, 2010: Modeling soil thermal and hydrological dynamics and changes of growing season in Alaskan terrestrial ecosystems. *Climatic Change*, DOI 10.1007/s10584-010-9988-1.

Wolf, N., G. J. Bowen, and C. Martinez del Rio, 2011: The influence of drinking water on the δD and $\delta^{18}O$ values of house sparrow plasma, blood and feathers. *Journal of Experimental Biology*, 214, 98-103. doi:10.1242/jeb.050211.

UPCOMING MEETINGS

Tuesday, January 18

- Computing Committee, CIVL 2201 (1 p.m.)

Wednesday, January 19

- Raytheon Meeting, CIVL 2201 (11:30 a.m.)

Thursday, January 20

- EAS Executive Committee, CIVL 2201 (9 a.m.)

RECENT PRESENTATIONS

During January 5-7th, 2011, Prof. Qianlai Zhuang visited the Center for Satellite Applications and Research (STAR) of National Oceanic and Atmospheric Administration (NOAA) and presented a seminar entitled, "Challenges of Modeling CO₂ and CH₄ Cycles in Northern High Latitudes."

ANDREWS ENVIRONMENTAL TRAVEL GRANT

EAS graduate student Steeve Symithe has received an Andrews Environmental Travel Grant for his proposed research related to seismic hazard of the Enriquillo Fault in Haiti. Steeve is working with Drs. Jennifer Haase and Eric Calais.

DATA MANAGEMENT WORKSHOP (FOR NSF PROPOSALS)

The University Libraries and Office of the Vice President for Research are providing a second workshop covering NSF's new Data Management Plan (DMP) requirement (see <http://www.nsf.gov/bfa/dias/policy/dmp.jsp>). **As a DMP is required for all proposals to NSF on or after January 18**, Purdue has developed a strategy to assist faculty with this additional proposal documentation.

The second DMP workshop is scheduled for **Thursday, February 3rd from 11:30 a.m.-1:00 p.m.** in STEW 314. For this workshop, the priority will be faculty working on upcoming deadlines. Subsequent DMP workshops will be scheduled as needed. A registration site can be found at https://purdue.qualtrics.com/SE/?SID=SV_a62sMG2hcesS3kw. When registering, attendees should indicate the program to which they are applying, as well as the due date.

EAS LIBRARY'S NEWEST BOOKS

Click [here](#) to see a list of new books in the EAS library in the last two weeks.

EAS TECHNOLOGY SUPPORT NEWS

The new high-capacity HP LaserJet P4015x B&W printer is now installed and ready for use in CIVL 3277. The name of this printer is "civl3277lbw2" so that it doesn't conflict with existing printers, which will be removed from service later this month. This new printer is replacing the older printer "civl3277lbw".

The new HP LaserJet CP4525dn color printer will be located in CIVL 2169 as soon as we get the base unit with paper trays. The base unit was shipped late last week. This new color printer will be named "civl2169mlco1", and will replace the printer in the main office named "civl2296lco2".

Also, the B&W printer "civl2169mlbw1" was moved a few months ago to CIVL 2296, but never renamed to reflect its new location. Please use the now correctly named printer "civl2296lbw1".

The old printers and printer names will be removed by the end of the month. Please make sure you are using the new printers before this time to prevent any service interruption. For Linux machines, the printers should all be installed. For Windows machines, the new printers should be added automatically, but the web page below includes instructions for removing the old printers, and for adding the new ones if they don't appear in your Printers list. Macintosh machines will need to be updated manually per the instructions on the web page below.

For instructions on how to install these printers and remove the deprecated ones on your Windows, Linux, and Mac desktop systems, please see the following link for reference:

http://www.purdue.edu/eas/info_tech/faq/printing_main.php

If you have questions or problems, please email eas-help@purdue.edu and we'll have someone assist you. Thanks.

DISCCRS VI INTERDISCIPLINARY CLIMATE CHANGE RESEARCH SYMPOSIUM

Dates: 22-29 October, 2011

Location: La Foret Conference and Retreat Center
Colorado Springs, Colorado

[Read more...](#)

ATMOSPHERIC AND GEOSPACE SCIENCES POSTDOCTORAL RESEARCH FELLOWSHIPS (AGS-PRF)

The Division of Atmospheric and Geospace Sciences (AGS) awards Postdoctoral Research Fellowships (PRF) to highly qualified investigators within 3 years of obtaining their PhD to carry out an independent research program. The research plan of each Fellowship must address scientific questions within the scope of AGS disciplines. The program supports researchers for a period of up to 2 years with Fellowships that can be taken to the institution or national facility of their choice. The program is intended to recognize beginning investigators of significant potential, and provide them with experience in research that will broaden perspectives, facilitate interdisciplinary interactions and help establish them in leadership positions within the Atmospheric and Geospace Sciences community. Because the Fellowships are offered only to postdoctoral scientists early in their careers, doctoral advisors are encouraged to discuss the availability of AGS Postdoctoral Research Fellowships with their graduate students early in their doctoral programs. Fellowships are awards to individuals, not institutions, and are administered by the Fellows. [Read more...](#)

POST-DOCTORAL RESEARCH ASSOCIATE IN SURFACE HYDROLOGY

The Environmental Sciences Division at Oak Ridge National Laboratory invites applicants for a Post-Doctoral Research Associate in Surface Hydrology. The position will be in the Energy-Water Ecosystem Engineering Group of the Environmental Sciences Division. [Read more...](#)

UNIVERSITY OF COLORADO-BOULDER INSTRUCTOR POSITION IN ATMOSPHERIC AND OCEANIC SCIENCES

The Department of Atmospheric and Oceanic Sciences (ATOC) invites applications for a full-time instructor in atmospheric and oceanic science. The individual should have a strong commitment to undergraduate education. [Read more...](#)

2011 LARSS SUMMER SESSION

The NASA Langley Aerospace Research Summer Scholars (LARSS) program is a paid internship/mentorship program for undergraduate and graduate students. The application deadline for the 2011 LARSS summer session is Tuesday, February 1. [Read more...](#)

NASA SUMMER PROGRAMS 2011

NASA Summer Programs 2011 are now open to receive applications:

- Graduate Student Summer Program (GSSP) <http://jcet.umbc.edu/gssp/>
- Summer Institute in Earth Sciences (SIES) <http://jcet.umbc.edu/sies/>
- JCET Earth Science Explorers Program <http://jcet.umbc.edu/explorers/>

A NOTE FROM OUR ACADEMIC COUNSELOR

Class of 1937 Scholarships

Applications are now available to students for the Class of 1937 Scholarship. Each year 15-20 scholarships are given to students from funds from the Class of 1937, ranging from \$500-\$4000. Selection is made on the basis of leadership activities while at Purdue.

Applications for those who will be undergraduate students in Fall 2011 and Spring 2012 are now available at <http://www.purdue.edu/odos> (click on Scholarships). Applications will also be available at the Office of the Dean of Students, Room 207 Schleman Hall, the Purdue Student Government office in the Union, or at the Black Cultural Center. Please contact lahamilton@purdue.edu (494-1252) if you have questions.

The deadline for the applications to be returned to the Office of the Dean of Students is Friday, **February 11 at 5 p.m.** (No late applications will be accepted.)

CCO Workshops

There will be training workshops to use CCO Express 101 on **Tuesday, January 18 and Wednesday, January 19, 4:30-5:30** in UNIV 117.

International students will have an International Student Résumé workshop on **Wednesday, January 19, 6-7 p.m.** in WTHR 104.

And all students are invited to the Résumé Workshop on **Thursday, January 20, 4:30-5:30** in UNIV 103.

A Letter from Greenpeace Semester

"The [Greenpeace Semester](#) is a great opportunity to receive hands-on training that will give you the skills you need to become an environmental leader. During the Greenpeace Semester, you will learn about current environmental issues and solutions. You will also be trained by experts in grassroots organizing, leadership, media, and campaign strategy.

[Applications are currently open for our summer semesters](#), and our early deadline is approaching on February 7th! Historically, two-thirds of Greenpeace Semester students have been early applicants.

To apply for one of our upcoming terms, [click here!](#) For more information on dates and locations, check out the [Greenpeace Semester website](#) or contact us if you have any questions at usa-semester@greenpeace.org."

Nancy

HAPPY BIRTHDAY!!!

John Cushman – January 19



IMPORTANT NOTICE ABOUT THIS NEWSLETTER

This newsletter will now be used as the primary information source for current and upcoming events, announcements, awards, grant opportunities, and other happenings in our department and around campus. Active links to additional information will be provided as needed. Individual email announcements will no longer be sent unless the content is time-sensitive. We will continue to include our publications, presentations and other recent news items as well. Those using paper copies of the newsletter should go to our newsletter archive on the EAS website at www.purdue.edu/eas/ and **Click on News** to access active links as needed. Material for inclusion in the newsletter should be submitted to Gina Richey (grichey@purdue.edu) by **Friday noon** of each week for inclusion in the Monday issue. **If it is in the newsletter, we assume you know about it and no other reminders are needed.**

For answers to common technology questions and the latest updates from the EAS Technology Support staff, please visit http://www.purdue.edu/eas/info_tech/index.php.

Also, as an additional resource for information about departmental events, seminars, deadlines, etc., see our departmental calendar at <http://calendar.science.purdue.edu/eas/seminars>.



The Role of Partnerships between Scientists and Journalists in the BP Oil Spill

DISCOVERY LECTURE SERIES
PURDUE UNIVERSITY

February 3, 2011 3:30 PM

*Pfendler Hall,
Deans Auditorium
Reception Following*

How BIG was the BP Oil Spill? Getting the Truth

In mid-May, NPR first reported that the government was grossly underestimating the size of the BP oil spill in the Gulf of Mexico. NPR Science Correspondent Richard Harris broke that story by working closely with scientists in academia, including Professor Steve Wereley at Purdue University. Richard will recount how he got onto that story, how his reporting unfolded, and how the partnership between journalist and scientists ended up affecting the U.S. government's approach to what we now recognize as an environmental impact of historic proportions.

PURDUE UNIVERSITY
Discovery Park



College of Liberal Arts
Global Sustainability Initiative
Center for the Environment
Energy Center
Purdue Oil Spill Community
Purdue Marketing and Media

***Richard Harris, NPR News
Science Correspondent***

Winner, 2010 AAAS Kavli Science Journalism Award

Award-winning journalist Richard Harris reports on science issues for NPR's newsmagazines Morning Edition, All Things Considered, and Weekend Edition.

Harris, who joined NPR in 1986, has traveled to the ends of the earth for NPR. His reports have originated from Timbuktu, the South Pole, the Galapagos Islands, Beijing during the SARS epidemic, the center of Greenland, the Amazon rain forest and the foot of Mt. Kilimanjaro.

In 2010, Harris' reporting uncovered that the blown-out BP oil well in the Gulf of Mexico was spewing out far more oil than asserted in the official estimates. He covered the United Nations climate negotiations, starting with the Earth Summit in Rio de Janeiro in 1992, followed by Kyoto in 1997 and Copenhagen in 2009. Harris was a major contributor to NPR's award-winning 2007-2008 "Climate Connections" series.

Before joining NPR, Harris was a science writer for the San Francisco Examiner. From 1981 to 1983, Harris was a staff writer at The Tri-Valley Herald in Livermore, California, covering science, technology, and health issues. Under the auspices of the American Association for the Advancement of Science, Harris spent the summer of 1980 as a Mass Media Science Fellow reporting on science issues for The Washington Star, in Washington, D.C.

A California native, Harris was valedictorian of his graduating class at the University of California at Santa Cruz in 1980. He earned a bachelor's degree in biology, with highest honors.



For additional information, please visit www.purdue.edu/dls
or contact Cindy Ream, 765-494-015

ADVANCE PURDUE

CENTER FOR FACULTY SUCCESS

2nd annual

Gender and STEM Research Symposium

Keynote Speaker Virginia Valian



Thursday, February 17, 2011
5:00 pm
Fowler Hall

Virginia Valian, Distinguished Professor of Psychology and Linguistics at Hunter College, is the author of "Why So Slow? The Advancement of Women."

Research Symposium

Friday, February 18, 2011
8:00 am - 5:00 pm
Stewart 302/306

ADVANCE-Purdue and the Center for Faculty Success invite you to this symposium, which focuses on networking scholars who study gender and STEM, building capacity and providing professional development for students and junior scholars, and discussing emerging methods for broadly studying gender and STEM. To register for the symposium and for more details, please visit:



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<http://www.purdue.edu/dp/advance/cfs/symposium/symposium.php>