

March 12, 2012



### RECENT EAS PRESENTATIONS

March 6, 2012 -- **Jim Ogg** presented a three-part "State of the Oceans" to the Indiana Council on World Affairs as part of their Great Decisions 2012 series at Butler University, Indianapolis.

March 1, 2012 - **Lucy Flesch** gave an EarthScope talk at the University of Akron entitled "Integration of Plate Boundary Observatory and USArray Data to Quantify the Forces Driving Deformation in the Western United States."

### MASTER THESIS DEFENSE

**Monday, March 12, 1:00 pm, CIVL 2201:** "The Distributions of seasonal river flows: lognormal or power-law?" Matthew C. Bowers; Prof. Wen-wen Tung, Advisor.

### 2011 – 2012 CoS FACULTY AND STAFF AWARDS

The College of Science Faculty and Staff Awards recognizes outstanding employees for their service and dedication. Four EAS employees were honored at the February 2012 banquet. The Undergraduate Advising Award was presented to Professor Mike Baldwin who is exceptional mentor to the atmospheric science undergraduate students. The Graduate Student Mentoring Award went to Professor Wen-wen Tung to recognize her efforts as an active member of the College of Science and EAS Women in Science groups, as well as her dedication to her students. Professor Ken Ridgway was awarded the Diversity Award recognizing his leadership in recruiting and retaining Native American graduate students in the STEM disciplines. The Engagement Award went to Steven Smith, EAS Outreach Coordinator. Through his unbridled enthusiasm for the Geosciences he has impacted thousands of Indiana K12 students and teachers.



College of Science Faculty and Staff Awards banquet. (from the left) Jeff Roberts, CoS Dean, Ken Ridgway, Steven Smith, Mike Baldwin, Jeff Trapp, EAS Associate Head. Wen-wen Tung was not able to attend the event.

### CAMPUS WIDE SEMINAR

Internationalizing Curriculum at Home and Abroad: Teaching About Global Water Issues. Nicole Lamer, Univ. of Illinois at Urbana-Champaign. U.S. universities are promoting a wide range of efforts toward campus internationalization. This comparative study examines three traditions of these internationalization efforts within the context of teaching about global water issues : information-based (curriculum-materials), an experiential (study-tour) and spatial (place-based classroom instruction).

Beering Hall, Rm 1238, Friday, March 23, 1-2 p.m. Part of the series Promising Pathways: The Future of Multicultural and International Education funded in part by a College of Education Interdisciplinary Seed Grant.

### ORDERS OPEN FOR PURDUE'S NEW TOP-RANKED RESEARCH SUPERCOMPUTING CLUSTER

Orders for capacity in Purdue's latest community cluster are now open, with the new research supercomputer set for full production in April. The Carter cluster features new-generation HP compute nodes with two eight-core Intel Xeon E-5 Sandy Bridge<sup>2</sup> processors, 16 cores per node, 32 gigabytes of RAM, a 500 GB system disk and 56 gigabits per second InfiniBand interconnects. For more details and to order visit: <http://www.rcac.purdue.edu/order/>.

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### NOAA-NGI DIVERSITY INTERNSHIP PROGRAM

The NOAA-NGI Diversity Internship Program is now seeking mentors and interns to participate in the 2012 internship program. This 10-week summer internship, beginning May 29<sup>th</sup>, is open to undergraduate and graduate students currently enrolled in a degree-granting program. There is an emphasis on students from communities and institutions in the Northern Gulf of Mexico region, and the program specifically targets populations underrepresented in the NOAA workforce. Please visit our website <http://ngi-internship.disl.org> for more information. **The deadline for applications is March 14<sup>th</sup> or until all spaces are filled.**

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### ESWN CAREER DEVELOPMENT WORKSHOP

The 2012 ESWN Career Development Workshop will be held June 4-6, 2012 at the University of Wisconsin-Madison and focus on networking and developing communication skills. This 2.5-day workshop is geared toward early- to mid-career women in the geosciences, especially graduate students, post-docs, researchers, and tenure-track faculty. To apply online: <http://events.ESWNonline.org/>

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### AMERICAN GEOPHYSICAL UNION (AGU)

AGU is currently seeking a Director, Science to oversee and strategically lead the facilitation of AGU scientific knowledge and scientific talent development in support of all goals of AGU's strategic plan. For more information, please visit: <https://jobs.agu.org/ext/detail.asp?jobid=aguorg205>

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### 2012 InTeGrate SUMMER WORKSHOPS

The InTeGrate program is offering two new workshops for 2012. Workshop descriptions and applications are available online. For more details, visit: <http://serc.carleton.edu/integrate/workshops/index.html>  
Teaching the Methods of Geoscience, June 27-29, 2012, plus optional field trip June 30, Montana State University, Bozeman MT.

**Application deadline: March 30, 2012.**

Systems, Society, Sustainability and the Geosciences, July 24 - 26, 2012 - Carleton College, Northfield, MN  
**Application deadline: April 20, 2012**

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### COMMUNICATING CLIMATE SCIENCE IN THE CLASSROOM

Online Workshop April 2-10, 2012. There seems to be no shortage of drama in the arena of climate communication these days. While decorum in the classroom is far better than in the media, educators still need to have a careful approach to communicating controversial topics like climate change so that students come away with a better understanding of climate science and the importance of taking action *to reduce climate change and its impacts*. Thus, the CLEAN project is hosting an online workshop dedicated entirely to the topic of climate communication in the classroom. The workshop is for undergraduate faculty who teach or plan to teach, climate topics in their courses. The workshop is held entirely online so no travel is necessary. There is no registration fee, but participants need to pre-register by March 20, 2012. For details see <http://www.cleant.org/clean/community/workshops/communication2012/index.html>

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### NASA PLANETARY SCIENCE SUMMER SCHOOL APPLICATIONS

NASA is accepting applications from science and engineering post-docs, recent PhDs, and doctoral students for its 24th Annual Planetary Science Summer School, which will hold two separate sessions this summer (18-22 June and 16-20 July) at the Jet Propulsion Laboratory in Pasadena, Calif. Applications are due March 28, 2012. Partial financial support is available for a limited number of individuals. Further information is available at <http://pscischool.jpl.nasa.gov>.

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### NEW EAS 391 UNDERGRADUATE TA COURSE THIS FALL 2012

EAS is offering a new undergraduate course this fall that provides training, mentoring and practical experience in teaching and learning. This is an opportunity to enhance your communication skills, help others learn, and get experience that might increase your chances of a future TA position. The course will include experience as a lab instructor or grader in an intro EAS course. (See attached flyer)

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### REMINDER – TELEPHONE BOOKS

If you need a 2012-2013 Lafayette/West Lafayette telephone book for your lab or office, please pick one up in CIVL 2173. Bring your old one for recycling.

Any extra new ones will be going to recycling at the end of the day on March 30, 2012.

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**HAPPY ST. PATRICK'S DAY**  
**Saturday, March 17, 2012**



**MARCH BIRTHDAYS!!!**

- 9<sup>th</sup> – Ki-Hong Min
- 11<sup>th</sup> – Elizabeth McNie
- 17<sup>th</sup> – Greg Michalski
- 21<sup>st</sup> – Larry Braile
- 24<sup>th</sup> – Megan Sapp Nelson
- 26<sup>th</sup> – Joseph Francisco
- 27<sup>th</sup> – Dongbin Xiu



**IMPORTANT NOTICE ABOUT THIS NEWSLETTER**

This newsletter is 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/](http://www.purdue.edu/eas/) and **Click on News** to access active links as needed. Material for inclusion in the newsletter should be submitted to Wanitta Thompson ([thompson@purdue.edu](mailto:thompson@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](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>.





# EAS 391 Teaching Internship

## Fall 2012

Learn teaching and learning strategies through practical hands-on experience as a lab instructor or grader in an introductory course supplemented with monthly discussion meetings and peer mentoring.



- The monthly evening discussion meetings (dinner included) will focus on current issues in the classroom, presentation practice, and self-assessment.
- We will work around your class schedule.

- Successful completion of the course is required for students who want to be employed as an EAS undergraduate teaching assistant.
- Offered for 1 - 3 credits

- Open to juniors and seniors who earned A's or B's in EAS introductory courses, have good study and time management skills, who are EAS majors with a good academic record, and enjoy working with students. Consent of Instructor required.