

January 16, 2007

## THE HEAD'S PERSPECTIVE

The dates have been set for our 40th Anniversary Celebration! Here is a brief summary of the schedule:

### Thursday, April 12, 2007

- Seminars by our 2007 Outstanding Alumni, Department of Earth and Atmospheric Sciences, (Room TBD), late afternoon
- Informal reception, evening (time and location TBD)

### Friday, April 13, 2007

- Science Symposium, "The Geosciences in Today's World", 8 a.m. – 5 p.m., Stewart Center
- EAS 40th Anniversary Banquet and Awards Ceremony, Buchanan Suites, Ross-Ade Stadium, evening

### Saturday, April 14, 2007

- EAS Alumni Advisory Board meeting, Department of Earth and Atmospheric Sciences, CIVL 2201, morning

I am pleased to announce that Dr. Tim Killeen has agreed to be our keynote speaker for the Symposium on April 13. As many of you know, Dr. Killeen is the Director of the National Center for Atmospheric Research (NCAR) and is also the current President of the American Geophysical Union (AGU). We will be inviting 15 other speakers for 15-minute talks for the Symposium. Our list of speakers includes several EAS alumni and former and current faculty members. There will also be a poster session to showcase the current research of the EAS faculty and graduate students.

I invite all faculty, students, alumni and friends to join us in celebrating the 40th Anniversary of the Department of Earth and Atmospheric Sciences. Please visit the EAS web site at [www.purdue.edu/eas](http://www.purdue.edu/eas) for further information. I look forward to seeing you at Purdue in April.

## UPCOMING MEETINGS

### Friday, January 19

- High Performance Computing Committee, CIVL 2173 (11:30 a.m.)
- Honors Committee, CIVL 3223 (1 p.m.)

## SEMINARS

### Thursday, January 18, at 3:30 p.m. in CIVL 1252:

"The Past, Present and Future of Carbonaceous Particle Emissions." Tami C. Bond, Department of Civil and Environmental Engineering, University of Illinois at Urbana-Champaign (Refreshments at 3 p.m. in CIVL 2201)

For more information on seminars and meetings, see the EAS Seminars and Events [calendar](#).

## RECENT PRESENTATIONS

Qianlai Zhuang gave an invited presentation entitled, "CO<sub>2</sub> and CH<sub>4</sub> exchanges between land ecosystems and the atmosphere in northern high latitudes over the 21st century," at the Institute of Botany, Chinese Academy of Sciences, Beijing, China, on January 8, 2007.

## WORKSHOP PANEL PARTICIPANT

Professor Laura J. Pyrak-Nolte participated in a panel on research at fundamental scales at the Department of Energy Computational Subsurface Sciences Workshop on January 9-12, 2007 in Bethesda, Maryland.

## WEATHER INTERNSHIP

ACES Power Marketing will be hiring a weather intern for this summer. For the specifics, see <http://www.acespower.com/>.

## A NOTE FROM OUR ACADEMIC COUNSELOR

### SCA Internships

The Student Conservation Association will be on campus this week to provide information sessions on SCA internships. Web: <http://www.thesca.org/>.

Information sessions/tables on Tuesday, January 16:

- 12:00-1:30 p.m. – Stewart Center, Room 107
- 4:30-6 p.m. – Ag Admin Building, Room 129

### **Study Abroad Callout/Information Session for Florence, Italy, Summer 2007**

Wednesday, January 17 at 7 p.m. in BRNG 1238. Purdue led program, earn 6 Purdue credits, no language requirement.

### **Earthquake Research Internship**

(SCEC), a not-for-profit, scientific research consortium funded by the National Science Foundation and the University of Southern California (USC) to provide research opportunities for undergraduates of varied interests, skills, majors, and class levels, from schools around the United States.

SCEC/SURE interns are typically **geoscience** or related majors, and are paired one-on-one with SCEC scientists to conduct research at that scientist's home institution or field study site. SURE projects run a gamut of specializations, from paleoseismic trenching to computer modeling.

SCEC/UseIT is a team internship headquartered at USC in Los Angeles, CA, where students conduct IT research to benefit earthquake science. Successful UseIT interns typically have aptitude for some combination of physics, mathematics, computer science, engineering, and earth science.

Interns must be current college undergraduates. With the exception of students who attend USC during the school year, SCEC undergraduate interns must be citizens or permanent residents of the United States.

Interns receive a stipend for ten weeks of summer work, plus all expenses paid to attend a summer field trip and the September 2007 SCEC Annual Meeting. Additionally, some participants may be eligible for no-cost summer housing and travel assistance. For more information, to download a recruitment flyer, or to apply (Deadline: **January 31, 2007**), please go to <http://www.scec.org/internships>.

### **Internships in Science and Engineering (in Germany)**

The German Physical Society (DPG) has notified the APS Office of International Affairs of a new program for Canadian and American undergraduate physics

students. The program is called "RISE" (Research Internships in Science and Engineering) and provides stipends for US students to spend a summer of study/research in a German university or research institute.

Information and application guidelines are available at: <http://www.daad.de/rise/en/index.html>.

More specifically, this program gives North American students in the fields of biology, chemistry, **earth sciences**, engineering and physics the chance to spend a summer working with German doctoral students on research projects. The doctoral students help integrate the undergraduate directly into the lab work and serve as personal and professional mentors. All participants receive stipends from DAAD to help cover living expenses, and the partner universities and research institutions provide housing assistance.

This year there are more than 80 project opportunities in physics and DPG hopes to get as many applicants. The **deadline** for application is **January 31**. Given the short timeframe, we would like to ask your help in advertising this opportunity for U.S. undergraduate physics students to receive international experience. Contact: One Physics Ellipse, College Park, Maryland 20740-3844. Tel: 301 209-3236. Fax: 301 209-0865.

### **Notre Dame Research Experience for Undergraduates**

Notre Dame is offering ISTIM: Interdisciplinary Studies in Tsunami Impacts & Mitigation. This is a paid, eight-week research component focused on natural hazards, such as tsunamis, followed by a two-week international field program with all expenses paid. Open to undergraduate students who are US residents studying structural or geotechnical engineering or **geological sciences**. Information is available at <http://www.nd.edu/~istim>. Application deadline: **March, 9, 2007**. Stipend: \$4800 plus travel abroad expenses.

Nancy

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**HAPPY BIRTHDAY!!!**

John Cushman – January 19



