

February 23, 2009

THE HEAD'S PERSPECTIVE 2009 EAS Graduate Student Research Expo

This past Friday and Saturday, February 20-21, the department hosted its annual Graduate Student Research Expo ("Grad Expo"). A major goal of the Grad Expo is to recruit new graduate students to the department for the coming Fall semester. Prospective graduate students tour the department and meet with faculty members who might be their advisors. The Grad Expo is also an opportunity for our current graduate students to present their research projects and results at oral and poster presentations on Saturday to highlight the research that students and faculty in EAS are conducting. The research presentations and interactions with the current graduate students provide an effective overview of the department and the graduate program, and allows the prospective students to develop a sense of what it would be like to be a grad student in EAS at Purdue. This year we had 25 prospective students participating in the Grad Expo - 5 from Purdue and 20 from 19 other Universities. Our current graduate students provided 11 oral presentations and 20 poster presentations for the Saturday program. Thanks to Courtney Creamer, Kathy Kincade, Tim Filley and the Graduate Committee for organizing the Expo. Also, thanks to our current graduate student authors for the oral and poster presentations, and to all students faculty and staff who participated and helped make the Grad Expo a success! More on the Grad Expo next week.

UPCOMING MEETINGS

Monday, February 23

- Graduate Committee, CIVL 2201 (10:30 a.m.)

Thursday, February 26

- Mathematical Geosciences Group, CIVL 2201 (4:30 p.m.)

Friday, February 27

- Executive Committee, CIVL 2173 (8:30 a.m.)
- ATMS Tea, CIVL 2201 (2:30 p.m.)

Monday, March 2

- EAS Faculty Meeting, CIVL 3201 (11:30 a.m.)

SEMINARS

Tuesday, February 24, at 3:30 p.m. in Deans Auditorium, Pfendler Hall: "Environmental and Ecological Research Using Light Stable Isotopes at Purdue: Water Isotope Tracers of Large-Scale Processes in Coupled Human-Environmental Systems." Gabriel J. Bowen, Earth & Atmospheric Sciences, Purdue University

Refreshments at 3 p.m. in the Pfendler Hall Auditorium

Thursday, February 26, at 3:30 p.m. in CIVL 1252: "Tectonic Evolution of the Central Andes during the Cenozoic Revealed by Low-T-Thermochronology." Barbara Carrapa, University of Wyoming

Refreshments at 3 p.m. in CIVL 2201

For more information, see the EAS online [calendar](#).

OUR RECENT PUBLICATIONS

Nowack, R.L. and C. Li, 2009: Methods and applications of seismic tomography. *Handbook of Signal Processing in Acoustics*, D. Havelock, S. Kuwano and M. Vorlander, Eds., Springer-Verlag, 1635-1653.

Park, Moongyu and John H Cushman, 2009: Operator-stable Levy motions and renormalizing the chaotic dynamics of microbes in anisotropic porous media. *Journal of Statistical Mechanics: Theory and Experiment*, P02039, 1-11.

You, Y., M. Huber, D. Müller, C.J. Poulsen, and J. Ribbe, 2009: Simulation of the Middle Miocene climate optimum. *Geophys. Res. Lett.*, doi:10.1029/2008GL036571.

RECENT PRESENTATIONS

Hersh Gilbert gave an invited talk at the University of Illinois at Urbana-Champaign on February 13 entitled, "Lithospheric foundering in continental deformation."

Kevin Gurney gave a plenary talk entitled, "High resolution fossil fuel carbon inventories: Progress, status and application to NACP research" at the North American Carbon Program, All Investigators Meeting, February 17, 2009.

EDITORIAL APPOINTMENT

Terry West has been appointed to another three year term as an Assistant Editor for the *Environmental and Engineering Geosciences* Journal, published quarterly by the Association of Environmental and Engineering Geologists, AEG.

A NOTE FROM OUR ACADEMIC COUNSELOR

National Weather Service Visit February 23

Today, **February 23**, the NWS will be on campus for its annual recruitment event. The directors (MICs) of a number of the offices around the region will be present. This is an opportunity to learn how to obtain an internship and other important career related information. The presentation will be at **4 p.m. in CIVL 2108**. Pizza, etc., follows the presentation in **CIVL 2201**.

Agriculture Spring Career Fair

Wednesday, **February 25**, 10 a.m. - 4 p.m. in the Purdue Armory. Click on <http://www.agriculture.purdue.edu/oap/AgricultureSpringInternshipCareerFair.asp> or <http://www.agriculture.purdue.edu/oap/internshipsjobs.asp> and then click on College of Agriculture Spring Internship Career.

Summer Camp Job Fair

Thursday, **February 26**, in PMU South Ballroom 10 a.m. - 3 p.m. Summer camp jobs help develop leadership, team work, self-confidence, communication and problem solving skills as well as a variety of other career-oriented skills. An information session about the job fair is on Wednesday, **February 25th**, at 6:30-7:30 p.m. in KRAN G004.

Purdue Science Student Council Callout

Wednesday, **March 4**, at 6 p.m. in WTHR 104. The PSSC (Purdue Science Student Council) callout is open to all students in the College of Science. Free Pizza.

Rotary International Scholarship for Study Abroad 2010-211

Rotary International will select one outstanding student from the central Indiana area to study abroad in 2010-2011. Candidates who are articulate, outgoing, and who can promote International goodwill and understanding through participation in Rotary activities abroad are being sought. **A strong academic record is required.** The Rotary scholarships cover the cost of transportation, food, lodging, tuition, books, educational supplies and a limited amount of travel within the host country. The maximum amount of the award is \$25,000 including round-trip air travel; the actual amount is based on costs at a given university. There is no restriction on subject areas of study, and scholarships are tenable in countries where there is a participating Rotary program. Please refer to the Internet for additional information concerning Rotary International, <http://www.rotary.org>. Application forms available there under Students and Youths and then Ambassadorial Scholarships.

Eligibility: Local competition is open to all students who are U.S. citizens. All other students may apply through Rotary Clubs in their native country. To apply, a student must have completed a minimum of two years of university course work (semester 4 and above in Spring 2009) with a strong academic record. Preference is given, but not restricted, to students who wish to study in a country whose language is other than English. **Thus, a superior level of foreign language skills is required at the time of selection.** The candidate must be capable of doing university work and making short speeches to rotary groups in the target language. Candidates will submit a written application both in English and the second language and may be invited to an oral interview, a portion of which is conducted in the second language. Candidates may be advanced to district competition in Indianapolis. Final selection will be made by Rotary International, Evanston, Illinois and announced in November 2009.

The following are not eligible to apply: Rotarians, spouses of Rotarians and their children and grandchildren, employees of Rotary International and their descendants.

(Continued)

Callout: Tuesday, March 10, 2009, 3:30 p.m., CIVL 3201

Deadline for Submitting Application: Tuesday, April 7, 2009

Local Interviews by Invitation: April 18, 2009

Send Completed Applications to:

Dr. Terry R. West
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Purdue University
West Lafayette, IN 47907-2051
Phone: 494-3296
Office: CIVL 3245
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Nancy

HAPPY BIRTHDAY!!!

Brenda Beitler-Bowen – February 28
Terry Wade – February 28



ABOUT THIS NEWSLETTER:

This weekly newsletter is the place to look to keep up with departmental happenings, announcements (seminars, student group events, scholarship and award deadlines, departmental committees), job and grant opportunities, and anything else you need to know about the department. It should cut down on the glut of email and other forms of separate announcements – **if it is in the newsletter, we assume you know about it** and no other reminders are needed. Past issues will be available on our departmental web site (www.purdue.edu/eas/). 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 newsletter.

For answers to common technology questions and the latest updates from the EAS Technology Support staff, please visit <http://www.purdue.edu/eas/resources/it>.

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>.





NWS College Road Tour



FEBRUARY 23rd, 2009
4:00 PM Civil Engineering Building, Room 2108

Personnel from regional National Weather Service offices will be here to talk about:

- **Student Opportunities in the National Weather Service**
- **How to Make Your Resume Shine**
- **How to Prepare for an Interview**
- **Case Studies**
- **Weather Jeopardy!**
- **AND MORE!**

Dress appropriately- you could meet your future employer!

All meteorology students are strongly encouraged to attend this event. Whether you know you want to work for the National Weather Service or you are just interested in learning more about careers in meteorology, this will be an evening of opportunity, weather, and fun!

Following the presentations, we will move to Room 2201 for free pizza and subs, and an opportunity for students to visit and network with these professionals!

