

September 11, 2006

## THE HEAD'S PERSPECTIVE

As I mentioned in a previous newsletter, we have three new professors in the department this year. They are Assistant Professors Michael Baldwin and Hersh Gilbert, and Associate Professor Eric Riggs. If you haven't met Mike, Hersh or Eric yet, please introduce yourself. There is a short bio for Hersh Gilbert below. In the next newsletter, we will provide information on Eric. We welcome Mike, Hersh and Eric to the department!

Hersh Gilbert received a Bachelor's degree in Physics from Washington University in St. Louis in 1996 and a PhD degree in geophysics from the University of Colorado at Boulder in 2001. He then was a Postdoctoral Research Associate at the University of Colorado at Boulder (2001-2002) and at the University of Arizona (2002-2006) until coming to Purdue in August to join the EAS department. Hersh is a seismologist who has studied crust and upper mantle seismic velocity structure using a variety of techniques. In addition to seismic processing and modeling, Hersh has had extensive field experience while collecting seismic data in several locations in the western United States and in New Zealand.

## UPCOMING MEETINGS

### Monday, September 18

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

## PH.D. DEFENSE

**Tuesday, September 12, at 2 p.m. in CIVL G212:** "Method of Detecting Shear Zones in a GPS Network." Jake Griffiths, EAS Graduate Student

## IUEM APPOINTMENT

Eric Calais has been appointed Chair of the Scientific Council of the European Institute of Marine Studies in Brest, France (IUEM, <http://www.univ-brest.fr/IUEM/>). The IUEM is a federation of eight research units at the forefront of current research in marine geophysics, physical oceanography, marine biogeochemistry, geomatics, microbiology, marine chemistry, biology, and law and economy, with a mission in research, graduate teaching, and observation of the long-term variability of marine environments in response to climatic and anthropogenic forcings. The IUEM hosts close to 150 researchers and staff, with about 200 graduate students, and is among the largest oceanographic institutes in Europe.

## ABOUT THIS NEWSLETTER:

This weekly newsletter will be 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 department web site ([www.purdue.edu/eas/](http://www.purdue.edu/eas/)). Material for inclusion in the newsletter should be submitted to Gina Richey ([grichey@purdue.edu](mailto:grichey@purdue.edu)) by **Friday noon** of each week for inclusion in the Monday newsletter.

## NEW ADDITIONS TO THE TECHNOLOGY SUPPORT TEAM

I am excited to introduce our Technology Assistants, the newest members of our technology support staff. They are valuable additions to the team and will raise the quality of service we are able to provide faculty, staff, and students. They will be taking on tasks such as printer maintenance, technology inventory, web content changes, managing surplus equipment, imaging machines, responding to problem reports, repositioning equipment, etc. Look for them in a lab or office near you.

Chris Edwards, Computer Support Manager

My name is **David Boersma**, I am a Sophomore at Purdue dual majoring in Math and Computer Science with a minor in Japanese language studies. Aside from my studies and my new position at the EAS department, I am involved in my church on campus, Grace Campus Fellowship, and the Association for Computing Machinery. This last year I also joined the Purdue Science Student Council and plan on having an active role in this group during the years to come. In my free time I enjoy playing games on both my computer as well as various board games, mainly Axis & Allies and Risk. I am hoping to be hired for a software development company after my remaining years at Purdue as well as at least one summer internship in the meantime.

My name is **Kate Brown** and I am a Computer Science and Mathematics dual-major. I am originally from the South Bend area (where Notre Dame is located) and this is my sophomore year at Purdue. In addition to my classes, I volunteer in the CS department mentoring and outreach programs. I spent the past summer in Poughkeepsie, New York working for IBM. I love to read science fiction and fantasy and listen to music.

My name is **Brian Wolfe**, and I am a Junior in the Department of Earth & Atmospheric Sciences. I am a Science ambassador for the College of Science, and a member of PUMA. Since I arrived at Purdue I have been involved in Undergraduate Research. I grew up in Paoli, Indiana, where I attended high school, and participated on the golf and tennis team. I enjoy doing many things, most of which revolve around my true love, "weather." From the first moment that I could think clearly, my interest in weather has always been around. I was known in my high school as the "weather guy." My focus never swayed as to what I wanted to be, and now here I am, at Purdue University, living out my dream.

## EXXONMOBIL INTERVIEWS SEPTEMBER 18-19, 2006

ExxonMobil will interview students interested in petroleum geoscience-related careers in areas associated with: Exploration, Production, and Research. Applicants are required to fill out an online application and post a copy of their resume on their website at least one week prior to interviewing. They will no longer accept hard copy applications. **[Important: They cannot consider you for any position without first you completing an on-line application.]** Copies of transcripts and a resume should be brought to the interview. At this stage of the process, "unofficial" school versions of transcripts will be accepted as attachments to the online submittal.

The ExxonMobil website is:  
[www.exxonmobil.com/apply](http://www.exxonmobil.com/apply)

Additional information may be found in CIVL 2169D along with the interview sign-up sheet.

**Candidates for Regular Employment:** ExxonMobil will be interviewing graduate students receiving an M.S. or a Ph.D. degree in geology or geophysics. Preference will be given to those candidates who complete their degree and will report to work during 2006 or 2007. On-site interviews will be held in Houston and begin in September 2006.

**Candidates for Internships:** ExxonMobil will be interviewing students who meet the following requirements: a) will be completing their M.S. or Ph.D. degree program within a year after their internship, and b) have the ability to work approximately three months. Internships are available throughout the year starting in February 2007. Although preference will be given to students graduating in 2006 or 2007, ExxonMobil will be happy to discuss career opportunities with other students as the interview schedule permits.

Recruiter Brian West will also present an ExxonMobil overview. More information on this to follow. All interested faculty and students are invited to attend.

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## FOUND

An iPod was found in the 4th floor women's restroom at 2 p.m. on Tuesday, September 5. If you are the owner or know who is, please have that person come to CIVL 4287 or email Megan at [meganwalker@purdue.edu](mailto:meganwalker@purdue.edu) to claim it. Please also be prepared to offer a description of the iPod and its contents to verify ownership.

## A NOTE FROM OUR ACADEMIC COUNSELOR

### CAREER

#### Resume Review

The CCO in STEW 194 is critiquing resumes on Monday, September 11 and Tuesday September 12 from 11 a.m. – 6 p.m., both days in preparation for the Industrial Roundtable. You need your resume posted on the CCO for an interview. Take your resume; no appointment needed.

There are listings of clinics (information sessions) on various career areas, such as making the most of a job fair, and online videos on the CCO website. Visit <http://www.cco.purdue.edu> and click on Students and the Job Search Services to find the specifics.

#### Industrial Roundtable Job Fair

Tuesday, September 12 and Wednesday, September 13 on the Memorial Mall 9:30 a.m. - 4:30 p.m. (Armory if raining).

The Industrial Roundtable Job Fair is the largest student-run job fair in the nation with close to 300 companies and 8,000 students attending every year. Although companies that attend the Industrial Roundtable are usually targeting engineering seniors for full-time employment, many are also looking for summer interns and students in other majors. This is also a good way to make contacts if you don't see your major listed. The names of companies at the fair should be available here: <http://pesc.student-orgs.purdue.edu/fairs/> or look for the gold and white brochures in engineering buildings.

#### Teach for America

Information Session, Wednesday, September 13, 6 p.m. in GRIS 280. Open to all academic majors and career interests. Pizza and former corps member. See <http://www.teachforamerica.org> (full salary and benefits).

#### Around Campus

The Black Cultural Center and the Latino Cultural Center both have events and programs listed on their web sites. Go to <http://www.purdue.edu/bcc/> and <http://www.purdue.edu/lcc>.

The Study Abroad deadline for Spring 2007 is **September 15**. There are unfilled openings in Australia, Copenhagen, Amsterdam as well as generous funding\* with many programs offering classes in English.

\*One example: Benjamin A. Gilman International Scholarship for Undergraduate Study Abroad

*Founded under the International Academic Opportunity Act of 2000, this congressionally-funded program is sponsored by the U.S. Department of State, Bureau of Educational and Cultural Affairs and administered by the Institute of International Education. The Gilman Scholarship Program broadens the student population that studies abroad by supporting undergraduates who have been traditionally underrepresented in US study abroad and those with high financial need.*

*The Gilman Scholarship provides awards of up to \$5,000 for U.S. citizen undergraduate students at two- and four-year institutions to pursue country-based undergraduate opportunities abroad of up to one academic year. To be eligible, students must be receiving a Federal Pell Grant at the time of application and cannot be studying abroad in a country currently under a U.S. Department of State Travel Warning or in Cuba. Short-term programs are eligible provided they are a minimum of four weeks in length. For more information, full eligibility criteria and the online application please access the Gilman Program website at <http://www.iie.org/programs/gilman/index.html>.*

Deadline: **September 26, 2006.**

#### And Beyond

##### Environmental Protection Agency Fellowship

This EPA opportunity is for undergraduate fellowships. Please view the website for more information and application procedures: [http://es.epa.gov/ncer/rfa/2007/2007\\_star\\_gro\\_undergrad.html](http://es.epa.gov/ncer/rfa/2007/2007_star_gro_undergrad.html).

Summary: The U.S. Environmental Protection Agency (EPA), as part of its Greater Research Opportunities (GRO) program, is offering Undergraduate Fellowships for bachelor level students in environmental fields of study. Subject to availability of funding, the Agency plans to award approximately 15 new fellowships by July 20, 2007. Eligible students will receive support for their junior and senior years of undergraduate study and for an internship at an EPA facility during the summer between their junior and senior years. The fellowship provides up to \$17,000 per year of academic support and up to \$7,500 of internship support for a three-month summer period. Deadline: **November 29, 2006.**

Nancy



#### HAPPY BIRTHDAY!!!

Gina Richey – September 13

Eric Calais – September 15





## Do these logos look familiar?

If not, you are missing out on some excellent teaching materials and educational opportunities.

The Indiana Department of Natural Resources sponsors all of these interdisciplinary programs, and would like to introduce them to you and explain how you can become a workshop facilitator—so that you can introduce these programs and their materials directly to your students.

WHEN: Friday, September 29, 2006 from 1:00 to 4:00 p.m.

WHERE: Purdue University, West Lafayette, in Stewart Center (STEW 214 A & B). Visitor parking is located on Northwestern Ave. or Grant St. To access an interactive campus map, go to [http://www.purdue.edu/campus\\_map/index.html](http://www.purdue.edu/campus_map/index.html).

BRIEF DESCRIPTION: We will introduce all of the DNR education programs and conduct a sampling of activities. We will also discuss their benefits in a university or college setting, and touch on how we have arranged for college credit related to the programs.

HOW TO REGISTER: There will be no charge for this sampler workshop, but pre-registration is required to assure that adequate space and materials are available. To register, contact the Natural Resources Education Center at 317-562-1338, or email: [nrec@dnr.IN.gov](mailto:nrec@dnr.IN.gov). Please respond by no later than September 22.

Our sincere thanks to  
The Center for the Environment  
for hosting this workshop!