

August 27, 2007

THE HEAD'S PERSPECTIVE

We welcome new Assistant Professor Brenda Beitler Bowen to EAS



Brenda Beitler Bowen, a southern California native, got her BS and MS from the Earth Sciences department at the University of California, Santa Cruz (where she met her husband and Purdue colleague, Gabe Bowen). She then moved on to complete her PhD in the Geology

Department at the University of Utah where she had the good fortune of working on diagenesis and fluid flow in the ancient eolian dunes of the Navajo Sandstone – the spectacular red rocks that make up the cliffs of Zion, Arches, and Capitol Reef National Parks in southern Utah. This work also got Brenda involved in investigating the application of remote sensing and reflectance spectroscopy to study alteration on earth and on Mars. Brenda went on to work as a postdoctoral research assistant at Central Michigan University, studying the sedimentology, geochemistry, and evolution of modern acid saline interdune playas in southern Western Australia. Along with some exciting science, one of the great things to come out of Brenda's postdoc time was the birth of her ~9 month old son, Isaac. Brenda now joins us as an Assistant Professor, with an active research program (2 funded grants and 2 PhD students), and an enthusiasm for undergraduate teaching excellence.

WEATHER FORECASTING TEAM CALLOUT

It is time to sign up for the Purdue forecasting team, which will participate in the Wxchallenge (<http://wxchallenge.com>) national forecast contest again this year. We will be competing against forecasters from more than 50 institutions across North America as we predict tomorrow's weather conditions for 10 different cities during the upcoming academic year.

Awards will be presented to the top individual forecaster for each city and an overall team trophy will be awarded at the end of the year. The contest begins this year with Cape Hatteras, NC on September 24. If you are interested in participating, please contact Prof. Baldwin (baldwin@purdue.edu).

UPCOMING MEETINGS

TODAY Monday, August 27

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

SEMINARS

Thursday, August 30, at 3:30 p.m. in CIVL 1252:

"Site Characterization for the Design of Effective Groundwater Remediation Projects." Dr. John Moylan, U.S. Army Corps of Engineers, Retired, Kansas City, Missouri

Refreshments at 3 p.m. in CIVL 2201

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

OUR RECENT PUBLICATIONS

Gluhovsky, A., and E. Agee, 2007: On the Analysis of Atmospheric and Climatic Time Series. *J. Appl. Meteor. Climatol.*, **46**, 1125-1129.

LINUX SOFTWARE UPDATES

The NCL software package is available for testing in /project/devo/b/ncl-4.3.1 (ncl-4.3.1-x64 for dhyana, baja2, helicity, and tornado). It has already been tested by the user who requested the upgrade. If no problems are discovered, it will be installed on EAS Linux machines the morning of Thursday, August 30. Additionally, the statistical package R has been installed in /opt/R on EAS Linux machines.

FROM OUR BUSINESS OFFICE

Important OnePurdue Updates & Information

Implementation of the OnePurdue Human Resources module is currently in full swing. The first bi-weekly and fiscal year payrolls utilizing the OnePurdue system were successfully processed in July. For the past four weeks the Business Office has been working diligently to ensure the first AY payroll in August processes as smoothly as possible. In terms of this first academic pay cycle, here is some important information to keep in mind:

- August academic year payroll will be paid on August 31st and the payment amount will represent 1/18th of your 2007-08 academic year salary.

- Summer payroll, for those being compensated for the summer period of August 1-10, will be added to the August academic year payroll and will be paid on August 31st.
- Direct deposit banking information may now be added or changed through employee self-service. In addition, you now have the option to designate multiple accounts for direct deposit distribution of your salary.
- Salary Statements are available through employee self service. Paper copies of the salary statements (payroll or payment stubs) are no longer being distributed centrally. The salary statement through employee-self-service includes year-to-date totals as well as detailed deductions and tax information. You can access your salary statement by accessing the OnePurdue portal at <https://erp-portal-prd.itap.purdue.edu/iri/portal> and logging in with your career account and password. Click the "payment" link then "payroll statement" and then scroll down to see your salary statement. For more information and step-by-step instructions on employee-self-service, see the following website: <http://www.purdue.edu/onepurdue/resources/ess.shtml>

If you have questions regarding this information, please contact the business office.

FORECAST GAME BEGINS TODAY!

Come one, come all to the nth annual EAS Forecast Game! Match your wits against the weather as you try to keep from being embarrassed by the numerical models. The game is open to all Purdue faculty, staff, and students. To sign up, e-mail bcotton@purdue.edu. For more information, see <http://wpx.eas.purdue.edu/forecast>.

AEG NEWS

Terry West had a busy summer while on sabbatical leave of absence and serving as the President of the Association of Environmental and Engineering Geologists (AEG). This organization of 3400 practicing geologists consists of twenty five sections distributed throughout the United States and Canada. It also has eighteen student chapters, one of which is located at Purdue. During the summer, President West visited sections in Salt Lake City, Reno, Kansas City, San Francisco, Sacramento and Dallas. Earlier in the year he visited sections in Chicago, Pittsburgh, Phoenix, Los Angeles, Houston, Tempe, Las Vegas, Baltimore, Richmond, Virginia and Atlanta. He also visited several universities where he made presentations. Included were Kent State University, Washington University,

St. Louis, and University of Nevada, Reno. He also represented AEG in Washington D.C. for the AGI affiliates meeting and in Boulder, Colorado for the GSA affiliates meeting.

In June he was involved in the Vail, Colorado meeting of the First North American Conference on Landslides which was hosted by AEG. There he presented one of the twelve invited talks during the five day conference, attended by nearly 500 registrants from 35 countries. AEG is focusing more on international involvement in environmental and engineering geology. IAEG, the International Association of Engineering Geology held their annual business meeting in connection with the Vail landslide conference.

In May, he traveled to Turkey to study in a rural area along the Aegean Coast in the southwestern portion of the country. The site is located south of Dogonbey and close to the larger port city of Kushidasia where many cruise ships stop on their way south from Istanbul. This area is within 50 miles or so of the ancient city of Ephesus.

During the summer, additional trips to geologically interesting areas included the Upper Peninsula of Michigan and Smoky Mountain National Park near Gatlinburg, Tennessee. A trip to St. Louis and the Missouri Ozarks rounded out the busy travel schedule for the summer.

EXXONMOBIL INTERVIEWS September 17 and 18

Welcome back to the beginning of a new school year. It's that time again to either begin or update your resumes. **ExxonMobil** will be on campus **September 17 and 18** to interview M.S. and Ph.D. students interested in petroleum geoscience-related careers in areas associated with: Exploration, Production, and Research.

Please submit your resume and application online (www.exxonmobil.com/apply) at least one week prior to interviewing. Copies of transcripts 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.

Instructions for completing the online application may be found posted in CIVL 2279 and 2169D. A sign-up sheet is also available in CIVL 2169D.

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 2007 or 2008.

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 2008. Although preference will be given to students graduating in 2007 or 2008, ExxonMobil will be happy to discuss career opportunities with other students as the interview schedule permits.

Recruiters Brian West and Remus Lazar will also present an ExxonMobil overview on Monday, September 17 at 4:30PM. More information on this to follow. All interested faculty and students are invited to attend.

A NOTE FROM OUR ACADEMIC COUNSELOR
Study Abroad
Fair and Information

When submitting an application to study abroad for the spring 2008 semester and thereafter, students will need to provide proof that they have a U.S. passport OR proof that they have applied for a U.S. passport (photocopy of passport or receipt) due to the huge backlog at the U.S. Passport Agency.

"A World of Opportunity," the annual study abroad fair, will be held on **Wednesday, August 29**, 10 a.m. to 3 p.m. on the Purdue Memorial Mall. You will have the opportunity to meet representatives of approximately 25 different colleges, departments, and agencies that will have tables at the fair as well as study abroad and financial aid staff. This is a chance to speak directly to the organizers of many of the overseas programs and to gather information about the application process.

Study Abroad Scholarship
Benjamin A. Gilman International
Scholarship Program

Spring 2008 Application Open
Deadline: October 9, 2007

The Gilman International Scholarship Program provides awards of up to \$5,000 for U.S. undergraduate students to study abroad for up to one academic year. The program aims to diversify the kinds of student who study abroad and the countries and regions where they go. The program serves students who have been under-represented in study abroad which includes but is not limited to: students with high financial need, community college

students, students in under-represented fields such as the sciences and engineering, students from diverse ethnic backgrounds, students attending minority-serving institutions, and students with disabilities. The Gilman Program seeks to assist students from a diverse range and type of two-year and four-year public and private institutions from all 50 states.

A limited number of \$3000 Critical-Need Language Supplements are available for students studying a critical-need language for a total possible award of \$8000. A list of eligible languages can be found on the Gilman website at <http://www.iie.org/gilman> – also find the application, full eligibility, and more information.

Eligibility: 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.

Seniors and Graduate Student Information Fair
Wednesday, August 29, 2007 from 11 a.m. – 3 p.m. in STEW 194 – the CCO.

Learn to make your resume stand out, develop interviewing strategies, dress for success, discover job search options, network with alum, apply to graduate and professional schools, and find alternative employment.

Tutors Needed

The College of Technology Tutoring Program is looking for qualified students from all majors to tutor classes in the following areas: MATH, CGT, ECET, MET, CIMT, IT, PHYS and BCM. Interested students must have received a grade of A or B in any of the above mentioned classes to be qualified to tutor students needing help. If interested, please contact Regena Scott: rlscott@purdue.edu; Office: MGL 1212; Phone: 494-3187

Friday is a Drop Deadline

The first drop deadline is this **Friday, August 31**. If you want to drop a class without it appearing on your academic record, it is this Friday. Other dates for dropping will occur on September 17 and October 24.

Division/section changes or course additions will require instructor signatures beginning August 27.

NO classes on Monday, September 3 (Labor Day)

Nancy