NEW PEOPLE IN EAS

Brent Goehring
Visiting Scholar

I received my PhD from Columbia University. I am currently a NOAA Climate and Global Change Postdoctoral Fellow and have spent time at Penn State and now Purdue. My background is in applying cosmogenic nuclide techniques to questions in climate change, glacial geology, and volcanology. I have more recently become interested in ice flow modeling and other process modeling, especially combined with cosmogenic nuclide measurements. I will be working with Nat Lifton as a postdoctoral scientist on in situ 14C techniques.

Barbara Hauzenberger
Graduate Student

I graduated from Passau University in Bavaria, Germany, with a Magister degree in Geoscience, Literature Science, and pedagogics, in July 2011. Spending one year as an exchange student at the Department of Physical Geography and Quaternary Geology at Stockholm University, Sweden, I gained a greater insight in glacial geomorphological processes. Hence, I wrote my thesis about Pleistocene glaciation of the Central European uplands, specifically the Bavarian Forest Mountains. For my PhD project advised by Dr. Jon Harbor, I want to focus more on the retreat of present day glaciers and its impact on water availability in arid regions of Central Asia.

UPCOMING MEETINGS

Monday, September 12  **TODAY**
• Primary Committee, CIVL 3201 (11:30 a.m.)

Wednesday, September 14
• Graduate Committee, CIVL 2201 (10 a.m.)

EAS SEMINAR

Thursday, September 15, at 3:30 p.m. in CIVL 1252: "Palaeoglaciology of the Northeastern Tibetan Plateau." Jakob Heyman, EAS, Purdue University
Refreshments at 3 p.m. in CIVL 2201
For more information, see the EAS online calendar.

OUR RECENT PUBLICATIONS


RECENT PRESENTATIONS

Matt Huber gave a talk to the University of New South Wales Climate Change Research Center, on August 17 entitled, "Progress on the Eocene Equable Climate Problem and What This Means for Future Climate Change."

Professor Michalski gave a lecture titled, "Oxygen isotope anomalies in atmospheric nitrate: A new approach for tracing atmospheric chemistry, nutrient dynamics and paleoclimate" at the Chinese Academy of Sciences (SINICA) in Taipei, Taiwan on August 23rd.

FIELD WORK

Graduate student Fan Wang and Professor Greg Michalski conducted field work in the Xinjiang province of western China. They visited several salt lakes, including Aiding Lake, which means moonlight in the local Uyghur language. It is the second lowest point on Earth at 155 meters below sea level. The research is aimed at understanding the origin of salts found in the lakes and soils of the Turpan depression.
UPCOMING OUTREACH OPPORTUNITY

Make a Splash Water Education Day

When: (Wednesday/Thursday) September 14-15, 2011 [9:00am - 2:30pm]

Where: Ross Cam, West Lafayette, IN

What is going on: We will be doing an activity on the physical properties of water, for students in grades 3 & 4 in 30 minute sessions repeated continuously for the two days

What is needed: Volunteers to help part of a day or full days to assist student with the lesson and set up for the next lesson. (Contact Steven Smith at mrsmith@purdue.edu.)

CHESAPEAKE ENERGY CORPORATION INTERVIEWS

Mark Lester, Chesapeake Energy Corporation, will be conducting interviews of EAS geosciences students interested in a career in oil and gas... and specifically with Chesapeake Energy Corporation on Wednesday, Sept. 21 (alternate times may be available). He would like to interview those students who are interested in full-time positions as well as summer internships.

Those interested in full-time positions must be in Graduate School with an anticipated completion of their MS or PhD between now and December 2012. Those interested in a summer 2012 internship must be in their senior year of a geosciences program or already in a graduate program with an anticipated completion date after December 2012. An exception would be someone not completing until December 2012 that would be interested in a summer 2012 internship.

As Mark would like a copy of your resume prior to the interview, please e-mail your resume to Kathy Kincade (kkincade@purdue.edu) by 5 p.m. on Friday, September 16. A sign-up sheet is located in CIVL 2169D.

WBAA FORECASTS NOW SUPPLIED BY EAS STUDENTS

Prof. Baldwin has worked out an arrangement with the news department at Purdue’s public radio station (WBAA) where EAS meteorology students supply weather forecasts for WBAA broadcasters to read on the air. For the fall semester, students enrolled in the Team Weather Forecasting (EAS 39100) course are providing forecasts for the next five days that are updated multiple times during the day. These forecasts are read on the air during news breaks and other breaks in programming on both the AM and FM stations, and a general acknowledgement is also given to the EAS department when those forecasts are broadcast. Our students update this information via a webpage which can be accessed at: www.extremeweathermakers.com. Please contact Prof. Baldwin if you have any questions or comments!

WXCHALLENGE NATIONAL WEATHER FORECASTING CONTEST

It is time again this fall to register for the WxChallenge! Purdue will enter a team in the WxChallenge weather forecasting contest again this year for the 6th year in a row. The contest begins its initial session of the 2011-12 season on Monday, Sept 26. As usual, forecasters will predict the weather Mon-Thu for a location that changes every two weeks, beginning with Miami, Florida. All are welcome to test their prediction skills against other students and seasoned forecast veterans from universities and research institutions across North America. If you are interested in participating, or have any questions, please contact Prof. Baldwin (baldwin@purdue.edu) by Sept 22. For more information, check the wxchallenge.com website. Good luck!

CHEVRON INTERVIEWS

September 28-30

On September 28-30, Cathy Thibault and Michelle Gutenkunst will be in the department interviewing MS and PhD students interested in an Earth Science career with Chevron. If you are interested in an interview, send your current resume/CV, cover letter, and unofficial undergraduate and graduate transcripts to thic@Chevron.com by Friday, September 16.

In addition, on Wednesday, September 28th at 5 p.m. in CIVL 2201, Cathy and Michelle will present an Earth Science Careers Information Session to all interested students. After the presentation, Chevron will take the graduate students out for dinner.

A NOTE FROM OUR ACADEMIC COUNSELOR

Is Graduate School in Your Future?

Presentation

Janet Beagle from the Purdue University Graduate School will give a talk about the process of applying to graduate school, the personal statement, choosing graduate schools, and related topics. It will be in WTHR 172 on Wednesday, September 14, 6:30-7:30 p.m.
Big Ten+ Graduate School Expo
More than 50 institutions of higher education will be at Purdue Sept. 25-26 during the Big Ten+ Graduate School Exposition which will be in the Purdue Memorial Union's North and South Ballrooms; this is a cooperative effort to provide students with information about graduate education and will feature several activities.

Students interested in pursuing graduate study in science, technology, engineering, mathematics, and related disciplines will have a chance to talk to faculty and students from various institutions. Workshops on funding graduate study, applying to graduate school, and careers in related fields also will be presented. A dessert reception with recruiters from some of the nation’s top institutions also will occur.

Purdue students have two options for attending the Expo. They may attend Monday's graduate school fair for free with their Purdue ID, or they may participate in all Expo events, including workshops, meals and roundtable discussions, and pay the regular registration fee of $35 in advance or $40 at the door. Purdue students may visit the special Purdue student registration site www.gradschool.purdue.edu/gradexpo/purduestudents for details. More information about the event is also available online at www.purdue.edu/gradexpo.

NSF Fellowships – Strategies for a Successful NSF Application
Stipends to Pay for Graduate School – Find out what you need to do now to be competitive
Tuesday, September 13, 5:30-7 p.m. in STEW 202. Register for the workshop at https://ias.itap.purdue.edu/rgs/wgb_workshop.disp_online_workshop.

Is Study Abroad in Your Future?
If you are considering going abroad in the summer or in future semesters, Study Abroad 101 sessions are ongoing; the calendar can be found at: http://www.studyabroad.purdue.edu/webRoot/SA/calendar/?SearchEvent=5.

Maymester in Tanzania – Callout
Monday, September 19 at 6:30 pm in BRNG 1284. You can earn 9 credits and spend 15 days working in their local schools, attend seminars, and enjoy weekend excursions. Pizza served at the callout. Info: http://www.edci.purdue.edu/tanzania/program_info.html

Reminders:
Tuesday, September 13, PUGS Callout at 7 p.m. in CIVL 2201.
Monday, September 19, last day for sophomores and above to drop with just advisor signature (additional signatures needed starting September 20); last day to add a course in most circumstances.

Nancy

HAPPY BIRTHDAY!!!
Eric Calais – September 15

IMPORTANT NOTICE ABOUT THIS NEWSLETTER
This newsletter will now be 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/ and Click on News to access active links as needed. 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 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.
Accepting posters until September 15. Please register for the event at www.purdue.edu/dp/shell2011.

SHELL ENERGY DAY
A Symposium on the New Frontiers in Oil and Natural Gas Exploration

Join Shell and Purdue for a series of discussions that will explore preventative measures to minimize risk of oil spills, the future of natural gas infrastructure, and the challenges we face in our attempt to meet the world’s growing need for energy through deepwater exploration.

Date: September 22, 2011
Location: Pfendler Hall 241, Dean’s Auditorium

Schedule:
7:30am – 8:00am Registration (refreshments served)
8:00am – 8:15am Opening
8:15am – 9:15am Panel Discussion: “Offshore Oil Spill Containment”
10:30am – 11:30am Panel Discussion: “Natural Gas and the Logistics of Changing Infrastructures”
12:00pm – 1:00pm Shell Careers Presentation / Networking
1:00pm – 3:30pm Poster Session (registration required)

Panel speakers include senior leaders from Shell, Chesapeake Energy, and Purdue faculty.

A networking lunch and careers presentation will offer students the chance to meet with Shell recruitment staff to learn more about scholarships, internships and career opportunities.

To see a full list of speakers and to register, visit www.purdue.edu/dp/shell2011. Seats are limited, so register by September 15th.
Purdue EAS Alumni, Students and “Friends of EAS” Reception at the SEG Meeting

6:30 – 8:30 p.m. Monday, September 19, 2011
Bowie Room, Marriott Riverwalk, San Antonio, TX

Purdue faculty Larry Braile, Maarten de Hoop, Bill Hinze, Robert Nowack, Laura Pyrak-Nolte and Juan Santos will attend the SEG meeting.
At Chesapeake Energy Corporation, we understand that fresh perspectives lead to innovative and industry-changing ideas, which is why we hired more than 250 new college graduates last year.

As America's second-largest producer of natural gas and one of the FORTUNE 100 Best Companies To Work For® for the fourth consecutive year, we're proud to be able to reward our employees with top pay, generous stock awards and outstanding benefits. Apply online and join an organization of professionals who are committed to our company, our communities and our environment.

COME LEARN MORE ABOUT CHESAPEAKE

University:

Event:

Location:

Date/Time: