

September 15, 2008

## THE HEAD'S PERSPECTIVE

### Green Week



This is Green Week at Purdue University. I encourage you to check out the activities and goals of this initiative at: <http://www.purdue.edu/sustainability/>. The web page includes a calendar of Green Week events, sustainability and

"green" tips and ideas, a description of current and future green efforts at Purdue as well as links to additional sustainability resources. The PCCRC is one of the sponsors of Purdue Green Week activities.

The "tag line" on the sustainability web page – "Be part of Purdue's Green Week! Working together — Purdue students, employees and community members — we can make a difference" — summarizes two of the important components of effective sustainability efforts, working together and participation by all. Obviously, there are many ways to contribute, both at work and at home, to a greener world and increased sustainability. Conservation efforts are particularly effective as they can be accomplished by individuals and small and large organizations. Also, conservation has the advantage of triple benefits — reduced cost to individuals or institutions, using less of the resource saves more of the resource for the future, and reduced resource use means reduced environmental impact. An excellent example is the use of compact fluorescent lamps (CFLs) as replacements for incandescent bulbs. The increased efficiency is economically beneficial and improves sustainability. Of course sustainability and "going green" is more than just conservation. Purdue's Green Week should improve our awareness of these issues and contribute to a greener university and world!

## UPCOMING MEETINGS

### Monday, September 15

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

### Wednesday, September 17

- EAS Leadership Team, CIVL 3214 (9 a.m.)

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## EAS SEMINAR

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

**1252:** "Precambrian Dome-and-Keel Structures."

Stephen Marshak, University of Illinois

*Refreshments at 3 p.m. in CIVL 2201*

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

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## OUR RECENT PUBLICATIONS

Mutlu, E., **I. Chaubey**, H. Hexmoor, and S.G. Bajwa, 2008: Comparison of artificial neural network models for hydrologic predictions at multiple gauging stations in an agricultural watershed. *Hydrological Processes*, DOI: 10.1002/hyp.7136.

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## RECENT PRESENTATIONS

Kevin Gurney gave an invited talk entitled, "Vulcan: A collaborative high-resolution process-based U.S. fossil fuel CO<sub>2</sub> inventory project" at the 5th California Climate Change Conference in Sacramento, California on September 8, 2008.

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## NCAR WORKSHOP

On September 8-10, Sonia Lasher-Trapp attended a NCAR workshop on data analysis from a recent field program (ICE-L, which studied ice nucleation in lenticular clouds) and to help plan a future field program to study the origins of ice in tropical cumulus clouds, ICE-T.

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## CONGRESSIONAL VISITS

On September 10<sup>th</sup>, Eric Riggs participated with 70 other geoscientists in the first Geoscience Congressional Visits Day, coordinated by the American Geological Institute and the American Geophysical Union. Riggs conducted visits advocating sustained federal geoscience funding that were conducted with the staffs of Senators Lugar and Bayh, and Congressmen Buyer and Viscloski.

## AEG NEWS

Terry West attended the monthly meeting of the North Central Section of the Association of Environmental and Engineering Geologists (AEG) on Tuesday evening, September 9, 2008 in Chicago. Dr. John Clague, the Richard Jahns Lecturer for 2007-2008 was the featured speaker. His topic was "Landslide Dams, Their Formation and Natural Destruction". He is a Professor of Geology at the Simon Fraser University in British Columbia, Canada.

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## ITAP NEWS

### Brief server outages on Tuesday

In order to improve the EAS server networking, several servers will be taken offline on Tuesday, September 16 from 9-10 a.m. All services on the following machines will be unavailable: [wateriso.eas.purdue.edu](http://wateriso.eas.purdue.edu), [ftp-kg01.eas.purdue.edu](ftp://ftp-kg01.eas.purdue.edu), [wpx.eas.purdue.edu](http://wpx.eas.purdue.edu), [rdist-sun-01.eas.purdue.edu](http://rdist-sun-01.eas.purdue.edu), [baja.eas.purdue.edu](http://baja.eas.purdue.edu), [wiki.eas.purdue.edu](http://wiki.eas.purdue.edu), [chat.science.purdue.edu](http://chat.science.purdue.edu).

If you have any concerns, please contact [eas-itap@purdue.edu](mailto:eas-itap@purdue.edu).

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## 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.

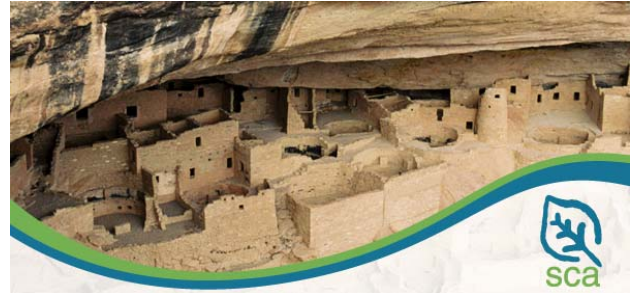
Awards will be presented to the top individual forecaster for each city and an overall team trophy will be awarded at the end of the year. The contest begins this year with Jacksonville, Florida on September 29. If you are interested in participating, please contact Prof. Baldwin ([baldwin@purdue.edu](mailto:baldwin@purdue.edu)) before September 26.



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## REMINDER

Spring 2009 course requests are due to Virginia on Friday, September 19th.



## SAVE THE DATE!

### The Student Conservation Association will be visiting Purdue University October 6-7!

My name is Beth McCarthy and I am the Great Lakes Recruiting Representative for SCA. SCA is the leading provider of conservation internships in the nation and offers opportunities in such areas as Anthropology, History, Public Relations and Outreach, Biology, Natural Resources, and Project and Land Management to name a few. SCA interns complete over 1 million hours of service annually, receive outstanding career training, work on our nation's land, and are even eligible to receive an AmeriCorps Educational Award.

Please contact me if you or your students would be interested in learning more about the SCA experience. I would be happy to meet with you, give a class presentation, hold an information session, or speak with student groups. Thank you for your time, and we look forward to placing some of your students in an SCA internship this year. To learn more about SCA, visit us at [www.thesca.org](http://www.thesca.org).

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## EXXONMOBIL INTERVIEWS

Due to Hurricane Ike, ExxonMobil has had to delay their arrival for a few days. They will now be arriving on Tuesday, September 16 at 3 p.m. when they will begin their interviews. They will then give their overview presentation that evening beginning at 6:30 p.m. in CIVL 3201. They will continue the interviews on Wednesday, September 17th.

For those who have already signed up for an interview, please see Kathy Kincade to reschedule.

If you can make the overview presentation on Tuesday evening, please let Kathy ([kkincade@purdue.edu](mailto:kkincade@purdue.edu)) know by noon today (Monday, September 15) so that she can make sure enough food is available.

## CHEVRON INTERVIEWS SEPTEMBER 22 AND 23

On September 22 and 23, Philip Richardson with Chevron will be on campus interviewing M.S. and Ph.D. students in geology and geophysics. Send your resume (in Word or PDF) and an unofficial transcript of your graduate and undergraduate transcripts to [philiprichardson@chevron.com](mailto:philiprichardson@chevron.com) by **September 15 (no later)**. See Kathy Kincade in CIVL 2169D to sign up for an interview.

Also, on Monday, September 22, at 4 p.m. in CIVL 3201, Philip will present an overview of Chevron. All interested faculty and students are invited to attend.

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### National Physical Science Consortium Graduate Fellowship in the Physical Sciences

The Fellowship Program of the National Physical Science Consortium (NPSC) is again open for receipt of applications at [www.npsc.org](http://www.npsc.org). NPSC offers two programs.

1. The Traditional NPSC Program provides a two-phase, six-year fellowship. Initial support is for two or three years, depending on the employer-sponsor. If the student makes satisfactory progress and continues to meet the conditions of the award, support may continue for a total of up to six years. Students typically apply during their senior year.
2. The Dissertation Support Program provides support while the graduate student conducts dissertation research. Students should apply in the year prior to the beginning of their dissertation research program, but not until they can describe their research at least in general terms.

The deadline for the online application is November 7, 2008.

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### A NOTE FROM OUR ACADEMIC COUNSELOR Purdue Science Student Council (PSSC) Callout

Wednesday, **September 16**, at 6:30 p.m. in Armstrong B071 (Free pizza included!!!).

*"Students who join have a variety of opportunities to meet others in the College of Science and participate in numerous outreach, service, and representational activities, including: Organizing the freshman orientation for the College of Science - Presenting science experiments to local elementary*

*schools and community events -Developing science-related demonstrations for Purdue's Springfest - Serving on academic- and service-related committees -Developing programs to serve the College of Science -Presenting undergraduate students' concerns to the administration.*

Thanks!  
Jared Wilkinson, PSSC."

### Latino Heritage Month

**September 15 – October 15** is Latino Heritage Month. Visit this site for events and other information: <http://www.purdue.edu/LCC/pages/hhm/>

### [Big 10+ Graduate School Exposition](#)

Sunday and Monday, **September 28 and 29**, PMU South Ballroom. This an opportunity for students to speak with university representatives from nationally recognized graduate programs, network, and learn why they should consider an advanced degree, how to fund their graduate education, etc. The Expo is for students interested in graduate studies in Engineering, Agriculture, Mathematics, Science, Technology, Pharmaceutical Sciences, and Related Disciplines.

Note: [Online Registration](#) required **before Monday, September 22, 2008**. Registration Fee is \$35, which includes Sunday dinner, Monday breakfast and lunch and all Expo-related activities. Check-in at PMU, Room 118. **Purdue West Lafayette students** have two options for participating in the Grad School Expo: Participate in all Grad School Expo activities and pay the regular registration fee; or, attend only the Graduate School Fair for free -- but registration is still required. Use the 'Online Registration' link for the free registration.

Nancy

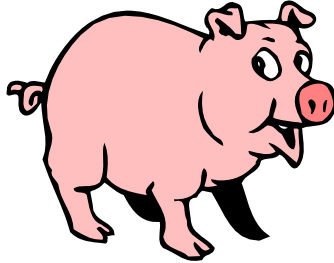
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### HAPPY BIRTHDAY!!!

Eric Calais – September 15



# 6<sup>th</sup> Annual EAS/PRIME Lab Hog Roast & Bonfire



**September 27, 2008**  
**5:30pm-??**

At the home of Darryl and Allison Granger  
3025 State Road 25 West  
Shadeland  
471-4654

## **Please Bring:**

A side dish or drinks, and a chair to sit on!

## **Want to help??**

Feel free to stop by and give us a hand for pig preparation on Friday and hog sitting on Saturday. Please contact Darryl Granger ([dgranger@purdue.edu](mailto:dgranger@purdue.edu)) to sign up.

## **Directions:**

From West Lafayette, take 231 S across the river and turn right at State Road 25 W. Continue for about 3 miles (just past the gas station). Look for a white farmhouse on the left and a big red barn.