THE HEAD'S PERSPECTIVE

Beverage machines stimulate conversation:
Many thanks for those who participated in our effort to work out what might be the best choice for a hot beverage machine in 2201. I was impressed by the number of small groups who gathered to converse in 2201 during the try-out period (it saved me from having to schedule several other meetings), and the dedication shown by several EAS members who were clearly making sure they had a statistically significant sample size for their evaluation. We are currently assessing all of the input that was received, and hope to move ahead quickly with the top choice. Stay tuned.

Science and Policy: There were two reasons my attention was drawn to the role of science in policy in the past week.

The first was Professor Kevin Gurney’s letter published in the journal Science “Stop Listening to Scientists?” (http://www.sciencemag.org/cgi/content/full/327/5967/780-a?rss=1). I was particularly struck by this quote “World leaders, please stop listening to us! I don’t say this because I have lost faith in the verity of scientific results or the projected warming and subsequent global damages. I say this because international policy-makers are adhering too rigidly and too literally to recommended concentration thresholds and emissions targets, and it is crippling the international policy process.” As scientists we face important challenges in working with policy makers; a key role is to help them understand what the science tells us about the likely outcomes of different policy choices. In the full letter Professor Gurney does an outstanding job of alerting policy makers to the ways in which an ‘all or nothing’ approach to developing policy around the science has been counterproductive. If you have not read it, I encourage you to look it up.

The second was Dr. Arden Bement’s visit to campus to begin initial conversations about Purdue’s Global Policy Research Institute (GPRI). Dr. Bement will complete his term as Director of the National Science Foundation and return to Purdue as the Director of the GPRI in June this year. He brings outstanding knowledge, skills, perspectives and contacts to this new role. In outlining his vision for the GPRI, Dr. Bement emphasized the need to strengthen the ways in which our research is brought forward to inform policy (most of us are not trained in this area, yet are interested in finding ways to have our research inform relevant policy). He also argued that we need to be looking at policy discussions to identify gaps in the science that is needed to support key policy decisions – to see if there is research that we are interested in and well-placed to pursue that would meet these needs. I am looking forward to seeing how the GPRI develops, as I think that a significant number of EAS faculty and students will end up being involved in this Institute.

UPCOMING MEETINGS / EVENTS

Monday, February 22
- C.J. Newby Scholarship Committee, CIVL 2201 (12:30 p.m.)
- Alumni and Corporate Relations Committee, CIVL 2201 (3:30 p.m.)

Wednesday, February 24
- COS Faculty Staff Awards Luncheon, PMU South Ballroom (12:00 p.m.-2:00 p.m.)

Thursday, February 25
- EAS Executive Committee, CIVL 2173 (8:30 a.m.)

Monday, March 1
- EAS Faculty Meeting, CIVL 3201 (11:30 a.m.)

EAS SEMINARS

Special Seminar Today → Monday, February 22, at 11:30 a.m. in CIVL 2201: ”Pictures from Haiti: Life and science before and after the Jan 12 earthquake.” Dr. Andy Freed and D. Sarah Stamps, EAS, Purdue University

Thursday, February 25, at 3:30 p.m. in CIVL 2201: “The Impact of Humans on Continental Erosion and Sedimentation.” Dr. Bruce Wilkinson, Syracuse University

Refreshments at 3 p.m. in CIVL 2201
For more information, see the EAS online calendar.
PIONEERS IN ENERGY LECTURE SERIES
Tuesday, April 6, at 7 p.m. in Fowler Hall, Stewart Center: "Energy, Climate Change and National Security: Challenges and Opportunities for America." Dennis V. McGinn, Vice Admiral, U.S. Navy, Retired

Please direct questions to Professor Jay Gore at gore@purdue.edu.

The PDF document may be found here: http://www.purdue.edu/discoverypark/energy/pdf/Spring2010-Pioneers.pdf.

OUR RECENT PUBLICATIONS


RECENT PRESENTATIONS
Laura Pyrak-Nolte gave a seminar entitled "Geophysics of Fractures" in the Department of Chemistry and Physics at Indiana State University, in Terra Haute, Indiana on February 15, 2010.

Angel R. Torres-Valcarcel, PhD Candidate, presented a seminar entitled, "Environmental Sustainability or Sustainable Development" at the National University College in Arecibo, Puerto Rico on February 17, 2010.

IN THE AFTERMATH OF HAITI’S EARTHQUAKE: A DISCUSSION OF LESSONS LEARNED
See the article in EOS. Pictured in the article are Sarah Stamps and Eric Calais (not pictured is Andy Freed, who took the photo).

NEWLY ELECTED SENATORS FROM THE COLLEGE OF SCIENCE
Walid Aef – Department of Computer Science (department senator) and Stephen Konieczny – Department of Biological Sciences (at-large Senator) have been elected as representatives from the College of Science to the University Senate. Congratulations to Walid and Steve!

AEG NEWS
Terry West and two Purdue graduate students (Richard Fisher and Steve Richfeld) attended the North Central AEG Section meeting in Chicago on February 16, 2010. The speaker was Duane Kreuger, President of the Association of Environmental and Engineering Geologists (AEG) from St. Louis, Missouri. He presented the talk “Environmental Consulting, Where We Are and Where We Are Going,” where 25 geologists and engineers were in attendance at the Athena Restaurant in Chicago’s Greektown. Dr. West served as President of AEG, with its membership of 3400 professional geologists, in 2007.

UPDATED INFORMATION REGARDING PRF SUMMER FACULTY GRANT
Due to funding limitations EAS will only be able to submit one PRF Summer Faculty Grant proposal to the College.

This means that we will have an internal review prior to the deadline to determine which proposal is submitted to the College. For consideration, send your application (and required forms) to Dee (gillesp@purdue.edu) no later than March 29 (NEW DEADLINE) – please do not send proposals directly to the College of Science.

The EAS internal review/competition will give the highest priority to assistant professors early in their career. Faculty who have already received this grant in past years will not eligible.

The CoS process will result in 4 awardees and 3 alternates (assuming one request per department).

PURDUE POSTDOC ASSOCIATION LOOKING FOR COUNCIL MEMBERS
The Purdue Postdoc Association (PPDA) is seeking postdocs to join as new council members.

The PPDA began in September and functions as a grassroots organization gathering all postdoctoral researchers at Purdue. For more information go to http://www.purdue.edu/newsroom/purduetoday/faculty_staff_news/2010/100217_PPDAcallout.html.

INTERNATIONAL TRAVEL MEDICAL INSURANCE RENEWAL
See the renewal memo for the 2010-2011 International Travel Medical Insurance Plan.
TRAVEL FORM 17 REVISED FOR NEW POLICY ON USE OF VEHICLES - 02/18/10

Due to the new Use of Vehicles for University Business policy to go into effect March 1, Travel Form 17 has been revised. The form allows drivers to certify that they understand and meet all qualifications for operating a motor vehicle on University business.

According to the policy, all drivers who operate a vehicle on University business are required to be in compliance with the policy.

The updated Form 17 is now on the Travel Web site under the Publications tab. Travelers need not check Box 18, Driver Certification, unless their trip begins on or after March 1, 2010.

Any questions regarding the vehicle policy may be submitted to Risk Management at drivesafe@purdue.edu, and questions about the revised Form 17 should be directed to Linda Ford, travel manager, 494-1699.

A self-guided training course, BVUP 100, Vehicle Use Policy Compliance, is available on the Business Services Training and Communications Web site to facilitate University personnel’s understanding of the policy. No registration is required.

Revised Form 17 was emailed to everyone on Thursday, February 18, 2010. If you have any further questions, please contact Michelle Miller, Tricia Brooke or Melissa Guinn in the Business Office.

NATIONAL WEATHER SERVICE ‘ROAD SHOW’

We will have a few NWS managers from nearby offices visiting us on February 23rd to discuss opportunities for students, resume polishing, and career planning. This meeting will be held in CIVL 2201 starting at 4:30pm. It will last for approximately two hours. After the meeting we plan to go out to dinner to give students the chance to network with these professionals.

This event is intended for all of our students; freshmen/sophomores will benefit as much as juniors/seniors/graduate students, if not more so. Let's try to get a big turnout for this event! The post-meeting dinner will be at Spurlock's Pub in downtown Lafayette. We plan to carpool there in case you need transportation.

For more information, see the agenda, and if you have any questions, contact Mike Baldwin (baldwin@purdue.edu).

SUMMER AND FALL REGISTRATION

Registration for the summer session and fall semester begins in March. All Purdue students should check https://mypurdue.purdue.edu/ for their registration times beginning March 23.

The summer sessions are May 17 to June 11, June 14 to July 9 and July 12 to Aug. 6. The fall semester starts August 23 and ends December 18.

GRADUATE STUDENT CAREER FAIR

The Purdue Graduate Student Government is holding its annual graduate student career fair on March 3rd at the PMU South Ballroom, with a networking breakfast at the PMU North Ballroom.

For more information, visit http://web.ics.purdue.edu/~pgsg/jobfair/. You can also register at http://web.ics.purdue.edu/~pgsg/myjobfair/student/register. (See the flier in this newsletter.)

SUMMER OF APPLIED GEOPHYSICAL EXPERIENCE (SAGE) 2010

The SAGE program is a three-week graduate and advanced undergraduate course of instruction and research in exploration geophysics based in Santa Fe, New Mexico, USA. We acquire, process and interpret reflection/refraction seismic, MT/EM, GPR, gravity and magnetics data at a shallow archeological site and at the sedimentary basin scale in the Rio Grande rift. We particularly encourage 1) qualified students who are U. S. citizens or Permanent Residents (PR) who will have completed their junior year and the requisite physics and math before SAGE, and 2) qualified U. S. graduate students in all stages of their careers to apply. All qualified applicants, including international and Professional, are welcome.

For students qualifying as US/permanent resident undergraduates, SAGE will begin on Thursday, June 17 (arrival on Wednesday, June 16). Stipend and travel support will be automatic if accepted, and the $450 fee will be waived through an NSF Research Experience for Undergraduates (REU) grant. International and all graduate students will arrive on June 19. The cost is $450, of which $100 is due with the application. For all students, SAGE will extend through evening dinner on Sunday, July 11, 2010.

The application deadline for SAGE 2010 is 5 p.m. local time on Friday, March 26. A letter of interest, two references, proof of insurance, and complete transcripts (informal OK) are required. For
application, reference forms, further details and a
description of the program refer to
http://www.sage.lanl.gov, or contact Georgia at +1
(505) 663-5291 or e-mail georgia@lanl.gov. A
SAGE 2010 one-page flyer is available at:

CONGRATULATIONS!

- Courtney A. Creamer was selected to receive a
student registration grant from BASIN for her
poster presentation on "Controls upon microbial
accessibility to soil organic matter following
woody plant encroachment into grasslands" in
this year's AGU session on "Stable Isotopes in
Terrestrial Biogeoscience". The award provides
reimbursement of her AGU registration fees.

- Souleymane Fall, EAS Post Doc, has been
informed by the National Science Foundation
(NSF) that his research has been selected to be
"Highlighted" this year by NSF as "some of the most
interesting/significant/transformative
research results from funded NSF grants." That
research was published in 2009 in the
International Journal of Climatology, with several
EAS faculty as his co-authors, along with co-authors
from the University of Maryland and the
University of Colorado: "Impacts of land use land
cover on temperature trends over the continental
United States: Assessment using the North
American Regional Reanalysis" by Souleymane
Fall, Dev Niyogi, Alexander Gluhovsky, Roger A.
Pielke Sr., Eugenia Kalnay and Gilbert Rochon.

A NOTE FROM OUR ACADEMIC COUNSELOR
Purdue Engineering Student Council Intern Expo

Monday, March 1, 2010, 9:00 a.m.-4:00 p.m.,
Purdue Memorial Union Ballrooms. This is intended
for engineering students, but you can always
approach companies to get contact information for
possible science positions.

Expo is PESC's Spring job fair held in the Purdue
Memorial Union ballrooms. Expo is a smaller job fair
than the Industrial Roundtable with approximately 65
companies attending each year. Companies will be
looking for interns, full-times, and co-ops from all
engineering majors. The job fair will take place on a
Monday, with interviews following on Tuesday and
Wednesday. A guidebook with company information
and a table layout will be provided to the students
before the job fair. An online search will also be
open for students prior to the fair. Questions can be
directed to: pescexpo@ecn.purdue.edu.

Interviews:
Interviews will be conducted by Purdue’s Center for
Career Opportunities. (www.cco.purdue.edu). During
EXPO registration there will be a link to the CCO
website to request interview space on March 2nd or
3rd. Many companies opt to interview on the days
immediately following the career fair, but interviews
sessions can be scheduled for any day following the
event. The CCO can be reached via email at
hire@purdue.edu or by phone at (765) 494-3981.

Purdue Summer Undergraduate Research
Fellowship (SURF)

Application for Summer 2010 due March 5, 2010.
SURF students participate in research activities on
campus full-time for 11 weeks. During the summer,
undergraduate students conduct research, attend
weekly professional development seminars,
participate in a research poster symposium, and
attend social activities. Program runs May 24 to
June 6. Eligibility:

- Undergraduate students enrolled at Purdue or
other U.S. institutions of higher education in a
baccalaureate degree program and who will
continue to be enrolled the following fall session
are eligible to apply.
- Due to the requirements of the research projects,
the SURF program is designed for students who
have completed at least four semesters and
obtained the academic background for the project
by the time the program begins in May.
- Students should have a minimum cumulative
GPA of 3.0 out of 4.
- Students must be at least 18 years old at the time
the program begins.

Application and complete details here:
https://engineering.purdue.edu/Engr/Research/SUR
F/Programs/Campus

Thinking of Master's Degree?

Wednesday, February 24th in Rawls 1062 from 7 -
8 p.m. The Krannert School of Management will
host an information session to discuss the graduate
programs and career management opportunities.
Students, faculty, directors, and a member of the
management career services staff will speak and will
also be available to answer questions. Students are
not required to have a background in business or
any specific area of study at the undergraduate level
to apply for these programs.

Nancy
HAPPY BIRTHDAY!!!
Brenda Beitler-Bowen – February 28
Terry Wade – February 28

Make Plans to Attend
AOGS 2010 Annual Meeting
5 - 9 July, 2010 in Hyderabad

Abstract Submission (Closes 1 Mar)
Apply For Fee Waiver (Closes 1 Mar)
Registration Fees (Increase after 10 May)
Conference & Exhibition Venue
Visa Application (4 to 8 weeks prior)
Book Hotel at Special Rates (Closes 7 Jun)

Be Part of An Exclusive Group
Geosciences World Community Exhibition
5 - 8 July, 2010 in Hyderabad

Society News & Updates
Visit AMOS to view AOGS2009 presented abstracts and check your member ID. Quote this to enjoy discounted conference fees.
Check Member ID Here

AOGS Axford Medal Award for outstanding achievements in geosciences, and unselfish cooperation and leadership in Asia and Oceania. Send us your nominations.
AOGS Axford Medal Award

Comments & Enquiries
Please direct to AOGS Secretariat Office
Tel: (65) 6341 7229 Fax: (65) 6341 7269
Email: info@asiaoceania.org
Add: 25 Hindoo Road, Singapore 209116
On February 22-26, Purdue will hold activities to celebrate and promote Purdue Saves Week, in conjunction with America Saves Week, which provides guidance on the hows and whys of saving money.

Human Resource Services WorkLife Programs is offering five presentations aimed at helping employees save for different situations, such as buying a home or getting out of debt.

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<tr>
<td><strong>Purdue Saves and Gets out of Debt</strong></td>
<td><strong>Purdue Saves and Invests</strong></td>
<td><strong>Purdue Saves for a Home or Car</strong></td>
<td><strong>Purdue Saves for College</strong></td>
<td><strong>Purdue Saves for Retirement</strong></td>
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<td>12:10-12:50 p.m., STEW 311</td>
<td>12:10-12:50 p.m., STEW 322</td>
<td>12:10-12:50 p.m., STEW 202</td>
<td>12:10-12:50 p.m., STEW 320</td>
<td>12:10-12:50 p.m., STEW 320</td>
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<td>Presented by Kurt Burnett, Family Services, Inc.</td>
<td>Presented by Megan Federer and Dana Smith, Purdue Employees Federal Credit Union</td>
<td>Presented by Megan Federer and Dana Smith, Purdue Employees Federal Credit Union</td>
<td>Presented by Temeka Easter, Indiana 529 Fund</td>
<td>Presented by Robert McMinn, TIAA-CREF</td>
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For more information, visit [www.purdue.edu/worklife](http://www.purdue.edu/worklife) and click “Purdue Saves Week.”

To register for one of the Purdue Saves Week presentations, visit [www.purdue.edu/worklife](http://www.purdue.edu/worklife) and log in.
Purdue Graduate Student Career Fair

March 3, 2010

Networking Breakfast:
Sponsored by: BASF-The Chemical Company
PMU North Ballroom
8:00 am – 10:00 am

Network with Employers

Poster Session: Cash Prizes 1\textsuperscript{st} $300, 2\textsuperscript{nd} $200, and 3\textsuperscript{rd} $100

Present YOUR Research to Company Representatives

Registration for Poster Session is Required but FREE : Deadline is February 17th

Career Fair:
PMU South Ballroom
10:00 am – 4:00 pm

Website: http://web.ics.purdue.edu/~pgsg/jobfair/
Registration: http://web.ics.purdue.edu/~pgsg/myjobfair/student/register
2010 Summer Undergraduate Research Fellowship Program

www.purdue.edu/surf
Apply Online
by Friday, March 05th

Cutting Edge Research ◊ State-of-the-Art Laboratories

May 24 — August 6, 2010
- Hands-on research experience for STEM undergraduates
- Faculty & graduate student mentorship
- $3600 stipend + housing allowance
- Research & professional development seminars
- Graduate school preparation
- Social activities with other researchers
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/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.