

February 18, 2008

THE HEAD'S PERSPECTIVE

Grad Expo and Graduate Student Recruitment Weekend

I would like to encourage all EAS students, faculty and staff to participate in the upcoming Grad Expo and graduate student recruitment activities. Prospective graduate students will be visiting the department on Friday and Saturday, February 22-23. There are opportunities for faculty and our current graduate students to meet and talk with the visiting prospective graduate students on Friday. Also, the Grad Expo on Saturday (8 a.m. to 2 p.m.) will feature nine oral and twelve poster presentations by our current graduate students reporting on their research. Thanks to the presenters at the Grad Expo and to Doug Martins, Dee Gillespie, Greg Michalski, Kathy Kincade, Tim Filley and others who have helped organize this event!

HASTI Convention

The HASTI (Hoosier Association of Science Teachers, Inc.) convention was held February 6-8 in Indianapolis. HASTI is a great opportunity to share Earth and atmospheric science content, education strategies and career opportunities with Indiana K-12 teachers. Several EAS faculty, staff and students attended. The College of Science booth, operated by EAS outreach coordinator Steve Smith and other CoS outreach representatives, was a very active location in the exhibit hall. The CoS display featured a tornado simulator constructed by Steve as well as the EAS "Blue Marble" Earth poster and Jim Ogg's Tower of Time poster that was distributed to teachers.

A SHORT GEOTALE

Terry West, GSA Fellow, was surprised to find that his short Geotale was included in GSA's Geotale III, Memories from GSA Members, Volume 3, on Page 34 of this 2007 publication. It is available for purchase from GSA, but provided for free to GSA members who donate to the Foundation. This short article is as follows:

"I was doing reconnaissance on a landfill expansion and walked in an adjoining junkyard after hours. A large dog with exposed teeth chased me and fortunately was on a long cable which snapped him to a halt before catching up to me."

UPCOMING MEETINGS

Monday, February 18

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

Tuesday, February 19

- EAS Leadership Committee, CIVL 2173 (9 a.m.)

SEMINAR ANNOUNCEMENTS

Monday, February 18, at 1:30 p.m. in CIVL 3201:

"Aerosol Composition and Hygroscopicity Studies: Instrument Development/Characterization, Ambient and Laboratory Measurements, and Modeling." Armin Sorooshian, Department of Chemical Engineering, California Institute of Technology

Thursday, February 21, at 11:30 a.m. in CIVL

2117: "Ultrafine Atmospheric Aerosol, Clouds and Climate." Jeffrey Pierce, Center for Atmospheric Particle Studies, Carnegie Mellon University

Thursday, February 21, at 3:30 p.m. in CIVL 1252:

"Experimental Modeling of Convergent Tectonics." Saad Haq, Earth & Atmospheric Sciences, Purdue University

Refreshments at 3 p.m. in CIVL 2201

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

NWS PRESENTATION

On Monday, February 25, Dan McCarthy of the Indianapolis National Weather Service Forecast Office, John Gordon of the Louisville NWSFO, and several other high-level NWS people will be at Purdue to give a presentation on "Leadership, the NWS, and what it takes to get a job."

The presentation is open to ALL students, and will be held from 4:30 to ~6 p.m., in CIVL 2201.

All are invited to join and talk more with Dan, John, and others over snacks/dinner after the presentation (location TBA).

This 3rd NWS Road Show promises to be informative and entertaining. And, this is one of the few recruiting opportunities offered, so don't miss out. Please Come!

RECENT PRESENTATIONS

Braile, L. W., and Sheryl J. Braile, "Making Waves: Seismic Wave Activities and Demonstrations," Hoosier Association of Science Teachers, Inc. (HASTI), February 7, 2008, Indianapolis, Indiana.

Braile, L. W., "The Future of Energy: Fossil Fuels, Alternatives and Environmental Impact," President's Council Back to Class Program, February 6, 2008, Naples, Florida.

Krockover, Gerald H., Sally Louk, William Bayley (Chemistry Department), and 18 participating Indiana teachers; "Standards Based Integrated Science Instruction (SISI) for Middle Level Teachers," Hoosier Association of Science Teachers Annual Meeting, Indianapolis, February 6, 2008.

Krockover, Gerald H., Sally Louk, William Bayley (Chemistry Department), and 18 participating Indiana teachers; "Standards Based Inquiry in the Middle Level Classroom (Grades 3-9)," Hoosier Association of Science Teachers Annual Meeting, Indianapolis, February 7, 2008.

Shepardson, D. P., D. Niyogi, S. Choi, and U. Charusombat, 2008: "Teaching about Climate Change," HASTI Annual Convention, Indianapolis, Indiana, February 8, 2008.

Striver, Ryan: "Applying TMI retrievals of sea surface temperature and surface winds to understanding tropical cyclone-induced climatic feedbacks." Third NASA/JAXA International TRMM Science Conference in Las Vegas, Nevada, February 5, 2008.

OUR RECENT PUBLICATIONS

Dasgupta, S., and R. L. Nowack, 2008: Frequency Extrapolation to Enhance the Deconvolution of Transmitted Seismic Waves, *J. Geophys. Eng.*, **5**, 118-127.

NSF GEO STRATEGIC PLAN MEETING

As a member of the Working Group of the National Science Foundation Geosciences Advisory Committee charged with producing the strategic planning document that will inform the next 10 years of all NSF GEO activities, Eric Riggs was at NSF headquarters from February 11-13 for the third and final writing and discussion session. The final document is due to NSF AC GEO on February 25. After internal review, it is anticipated that the working group's final document will be available for comment from the entire earth sciences community at the GSA, AGU and AMS meetings over the coming year, after which it will be finalized, published, and adopted by the NSF.

EFFORT REPORTING (FOR FACULTY)

Effort reports for those individuals paid on grants during the fall semester are available and must be submitted by **February 21, 2008**. Faculty are required to certify effort on Personnel Activity Reports (PARs) for themselves and any monthly A/P staff or grad employees paid from their grants for the period of September through December 2007.

Amber has met with a number of Faculty to date to complete these PARs. If you have not completed your PARs, please stop by the Business Office CIVL 2169G or contact Amber Everest at evera@purdue.edu to make arrangements to sign your PARs. Amber is willing to meet with you in your office, if that is more convenient.

If you were not notified via email that you have a PAR to sign and did expend effort on a grant that should be charged for that effort, please let Amber know as soon as possible.

Your assistance with meeting this critical deadline is greatly appreciated.

FROM OUR BUSINESS OFFICE

NEW Travel Forms on the Web

A new version of the Form 17, Request Authority to Travel on University Business is now available from the EAS Business Office website at <http://www.purdue.edu/eas/business/#>. The new form displays a revision date of 01/08 in the upper left section of the form. If you have a version of this form saved, please replace that copy with this new version. **The older versions of these forms will no longer be accepted by Travel.**

Enhanced Reporting

In Purdue Today on Tuesday there was an article entitled *New Financial Reports Available This Week*. This article outlined the new enhanced reporting project which started a few months ago and has resulted in a number of much needed reports that can be distributed to you electronically. A link to this article as well as the Monthly Financial Reports informational web page are included below for your reference.

The first group of reports distributed February 13-15, are related to sponsored programs (grants) and will be distributed to PIs and CO-PIs. Others working on sponsored programs for which AIMS access was requested should also receive these financial reports.

Purdue Today Article:
http://news.uns.purdue.edu/insidepurdue/2008/080212_Reports.html

Monthly Financial Reports informational web page:
<http://www.purdue.edu/onepurdue/resources/reporting/mofinreports.shtml>

Individuals receiving these reports will receive an email with "Purdue financial reports are available" in the subject line. To access the report(s) you received, please refer to the **Access Monthly Financial Reports quick reference card (QRC)** at the following link:
http://www.purdue.edu/onepurdue/resources/reporting/documents/accessing_mo_fi_reports_qrc.pdf

The informational website above contains responses to common questions related to the reports; however if you have additional questions, please contact the business office at [easbo@purdue.edu](mailto: easbo@purdue.edu).

Topics for Future Newsletters

The EAS Business Office will continue to submit helpful information and reminders via the newsletter and email as pertinent. If there are specific topics you would like to have included in future newsletters, please email those to Melissa Guinn at mjguinn@purdue.edu.

SIXTH ANNUAL AMS ALUMNI EVENT NEW ORLEANS, LA (January 22, 2008)

Another successful annual get-together of atmospheric science alumni and friends was held in conjunction with the American Meteorological Society's (AMS) annual meeting. This year's meeting was held in New Orleans, Louisiana from 19-24 January with the alumni event held on Tuesday, January 22. Our total attendance was 50 people, equaling the number of our previous two events. Those in attendance included alumni, faculty, former faculty, spouses, friends, and current graduate and undergraduate students. The EAS alumni in attendance at this year's event, to the best of our recollection and with the help of our sign-up sheet were: Jeff Basara ('94), Tom Bettge ('75), Mike Bosilovich ('97), John Brown ('87), Matt Eastin ('96), Mat Gunshor ('93), Peter Hall ('02), Jim Hurrell ('90), Sam Lashley ('91), Tony Lupo ('95), Shali Mohleji ('02), Bill Morris ('02), Ken Parsons ('01), Pat Pauley ('85), Randy Pepler ('80), Anthony Reinhart ('07), Jon Schrage ('98), Tom Schroder ('74), Bill Sjoberg ('86), Justin Stachnik ('07), Dan Vietor ('87), John Ward ('78), Mary Washington ('79). Other alumni that could not make it to the reception, but were in attendance at the conference included:

Frank Kornegay ('75), Bill Murray ('73), Angela Lese ('03), John Snow ('77), and John Ward ('78).

Others in attendance included EAS faculty: Mike Baldwin, Sonia Lasher-Trapp, and Dayton Vincent (and wife Lola); post-doc: Feiqin Xie; graduate students: Dan Arthur and Jennifer Bewley; undergraduate students: Andrew Arnold, Mike Beall, Nick Chisler, Ben Evans, Jesse Nusbaumer, Courtney Obergfell, Amanda Sheffield, Kyle Spangle, Sara Weisser, Samantha Wilde, Patrick Wright; ABE graduate students Vimal Mishra and Tushar Sinha; and guests: Charlotte and Gene Bierly (friends), Paul Janish (Merrill Lynch), Peggy LeMone (NCAR), David Smith (former faculty), Andreas Fink and Michael Christoph (friends). The efforts of Mike Baldwin, Jennifer Bewley, Dee Gillespie, Sonia Lasher-Trapp, and Dayton Vincent in planning and hosting the reception as well as manning the recruiting booth are much appreciated.

This year's meeting was the fourth straight year that EAS has participated in the AMS Student Conference and Career Fair which was held on 19 January. Our department had a booth at the Fair, as well as a poster, showing all facets of the department's activities and programs. The PUMA group also had a poster in the Student Chapters division. Several potential graduate students stopped by our table inquiring about graduate programs in EAS at Purdue.

Several scientific talks and posters were given at the meeting (the list appeared in the January 28th newsletter). Lastly, we plan to continue our practice of having a great get-together again next year. The 89th AMS meeting will be held in Phoenix on January 11-15, 2009 and keep Tuesday, January 13, 2009 open for the Annual EAS Alumni Gathering. We look forward to seeing you in Phoenix. Thank you for your continued interest and support.

ITAP TRAINING OPPORTUNITIES

The following courses are being offered by ITaP and may be of interest to EAS users:

- Adobe Photoshop – February 18 (9:30-11:30 a.m.)
- Adobe Acrobat Connect Professional: Web Conferencing, Collaboration, and Teaching Online – February 21 (9:30 a.m.-12 p.m.)
- Introduction to Cascading Style Sheets (available to students only) – February 21 (9:30-10:30 a.m.)

To register for these courses, or to see other ITaP course offerings, please visit <http://www.itap.purdue.edu/training>.

EAS 434 WEATHER INFORMATION

The spring 2008 Weather Analysis and Forecasting class (EAS 434) has begun posting daily weather forecasts and local weather analyses to the web. These are usually updated in the late afternoon, Monday-Friday, and can be found at:

<http://wxp.eas.purdue.edu/wrfdata/eas434/index.html>.

In addition, the class holds a daily weather briefing, in which all are welcome to attend. These are scheduled for the last 25 minutes of class each day, MWF from 2:55-3:20 p.m. and TTh 12:50-1:15 p.m. in CIVL 4251. Briefings are led by a team of students who facilitate discussion on the current and recent weather, short-term, and long-term forecasts. We often examine the forecast issues for the local region as well as cities involved in the Purdue weather forecasting contests.

CHANGE TO IT REQUEST TICKET SYSTEM

The College of Science has recently established a centralized service request management system for use by departments. Earth and Atmospheric Sciences will be moving to the new CoS RT system on Monday, February 25th.

There will be no change in the method used to request support. Please continue to send e-mail to eas-itap@purdue.edu. However, the reply address and case number email response will be from the new CoS RT ticket management system. (If you have submitted web requests to eas-webmaster@purdue.edu, then you have seen responses from the new CoS RT ticket management system.)

Please note: If you contact ITaP directly by sending email to itap@purdue.edu or calling the Customer Service Center at 44000, the email response to your service request will continue to be from ITaP's Remedy server.

A NOTE FROM OUR ACADEMIC COUNSELOR

Indiana Wildlife Federation Scholarship Opportunity

The Indiana Wildlife Federation is awarding an endowment. All applications must be completed and must be received by **April 30**, 2008. Applicants must be residents of the State of Indiana and

already accepted for study or enrolled full time for the fall 2008 semester at the undergraduate level; application must be enrolled as a sophomore or above in an accredited college or university. Applicants should be taking coursework to major or minor in a field related to resource conservation or environmental education. One scholarship will be awarded in the amount of \$1,000; \$500 per semester. Application materials can be found at www.indianawildlife.org.

Ninth Annual Women in Leadership Conference *Women Leaders Shaping the Future*

Saturday, **March 1**, 2008 from 9 a.m. to 3 p.m. in the Hillenbrand Atrium; registration begins at 8:30 a.m. This unique program is open to all Purdue students and focuses on enhancing, exploring, and further developing leadership skills and features guest speakers. Registration forms are available in Schleman Hall, Room 250, or online at www.conf.purdue.edu/Leadership. For questions, please call 494-1231 or email sao@purdue.edu. For more information go to <http://www.purdue.edu/odos/sao/leadership/program/womenleader.htm>.

Summer Camp Job Fair

Friday, **February 22** from 9 a.m. – 2 p.m. in the South Ballroom, PMU. No pre-registration required. Camps from all over the country will be recruiting and interviewing people to work with children. All majors welcome.

Federal Government Careers Networking Reception & Panel Presentation

Thursday, **February 21**, 2008 at 5:30 p.m. in PMU 118. Representatives from the Department of State, the Peace Corps, the U. S. Department of Agriculture, the National Institutes of Health, and the Federal Bureau of Investigation will be available to talk about their career paths and federal government employment.

Liberal Arts Internship and Career Fair

Wednesday, **February 20**, 2008 from 10 a.m. – 3 p.m. in the Purdue Memorial Union South Ballroom.

Nancy