

April 7, 2008

## UPCOMING MEETINGS

### Monday, April 7

- Primary Committee,\* CIVL 3201 (11:30 a.m.)

### Monday, April 14

- Primary Committee,\* CIVL 3201 (11:30 a.m.)

\*Note: As has been done in the past, Associate Professors will attend the first half of the meeting (to consider Assistant Professor candidates) and Full Professors will attend the entire meeting.

## SEMINAR ANNOUNCEMENTS

### Monday, April 7, at 3:30 p.m. in LILY 2-425:

"From Tara to Hestia: And other stops while searching for the global carbon sink." Kevin Gurney, Purdue University

*(3:15 p.m. for pre-visiting, coffee, refreshments)*

### Thursday, April 10, at 3:30 p.m. in CIVL 1252:

"Climatic Consequences of Nuclear Conflict – Nuclear Winter is Still a Threat." Alan Robock, Rutgers University

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

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

## PHD DISSERTATION

### Wednesday, April 9 at 3:30 p.m. in CIVL 2201:

"The Relationship between Tropical Cyclones and the Upper Ocean: Investigating Possible Climate Feedbacks." Ph.D. Dissertation by Ryan Sriver

## OUR RECENT PUBLICATIONS

Bowen, Brenda Beitler, Benison, K. C., Oboh-lkuenobe, F., Story, S., and Mormile, M., 2008: Active hematite concretion formation in modern acid saline lake sediments, Lake Brown, Western Australia. *Earth and Planetary Science Letters*, **268**, 52-63.

## AGEP AWARD

EAS graduate student Angel Acosta-Colon and Prof. Laura J. Pyrak-Nolte received an Alliance for Graduate Education and Professoriate (AGEP) Faculty Grant Award to support Mr. Acosta-Colon's research.

## RECENT PRESENTATIONS

Eric Riggs and Russell Balliet presented a paper on April 1 at the 2008 International Conference of the National Association of Research in Science Teaching in Baltimore, Maryland titled, "Geologic Problem Solving in the Field: Insights into Student Problem Solving Strategies Through Analysis of Field Navigation."

Choi, S., Shepardson, D., Niyogi, D., and Umarporn, C., "Earth and Environmental Science Textbooks' Coverage of Secondary Students' Concepts of Global Warming." NARST Annual Meeting, Baltimore, Maryland, March 31, 2008.

Shepardson, D. P., "Precipitation, Evaporation, and Condensation: Student Conceptions of the Hydrologic Cycle." NARST Annual Meeting, Baltimore, Maryland, March 31, 2008.

Laura J. Pyrak-Nolte gave an invited presentation entitled, "Effect of a Sub-Porosity on Seismic Wave Propagation across a Fracture," which was co-authored by Angel Acosta-Colon. The presentation was given at the DOE Workshop on Basic Research Relevant to Geological CO<sub>2</sub> Sequestration, March 12-13, 2008 in Gaithersburg, Maryland.

## COS TOWN HALL MEETING

All College of Science faculty, students, and staff are invited – and encouraged – to attend the town hall meeting scheduled for April 9 to provide input on goals, strategies, and metrics for the 2008–2013 strategic plan. Feedback from town hall events will be used in the final plan. Comments on the strategic plan may also be provided [on line](#).

Town hall meeting will be held in Lawson Commons

### April 9, 2:30-4:30 p.m.

Hosts: Diversity and Discovery Pillar groups

For more information visit the [strategic planning website](#) or contact Lisa Robertson at [lrobertson@purdue.edu](mailto:lrobertson@purdue.edu).



## ITAP NEWS

### Brief network outages on April 18

On Friday, April 18, from 4 a.m. to 6 a.m., the IT Networks & Security Team will be performing an upgrade to network equipment in several buildings on campus. During this upgrade work, each upgraded switch will experience two reboots, approximately 10 minutes each in length and users within the same building as the upgraded switch will potentially experience unavailable or unreliable network service during those two 10-minute periods.

### Request for software needs

If you have special software needs for the instructional computing lab in CIVL 4247 or for the classroom workstations, please contact [eas-itap@purdue.edu](mailto:eas-itap@purdue.edu). This is for summer sessions and the Fall 2008 semester. A list of applications available on EAS Linux machines can be found at:

[http://www.purdue.edu/eas/resources/it/faq/linux\\_software.html](http://www.purdue.edu/eas/resources/it/faq/linux_software.html)

A list of software available in labs and TIC sites is available at:

<https://help.itap.purdue.edu/viewarticle.php?articleid=1524&searchid=53062&refid=2>

### Laptop checkups

The EAS IT Staff will be performing laptop checkups the week of April 21. If you have a University-owned laptop, it is requested that you bring it in so that we can help you make sure it is patched and secure before you go wherever your summer takes you. Please schedule a time by e-mailing [eas-itap@purdue.edu](mailto:eas-itap@purdue.edu).

### Dialup internet service to be discontinued

Purdue's dialup internet service will be permanently discontinued on August 1. If you use this service, you will need to make alternate arrangements for internet access. Full details can be found at <https://www.itap.purdue.edu/newsroom/detail.cfm?NewsID=841>

### UPDATE ON FORMER GRADUATE STUDENT

Kevin Vermeesch, an August 2007 M.S. graduate, has accepted a position as a science research analyst at Science Systems and Applications, Inc. (SSAI). SSAI is contracted by NASA and manages the NASA Goddard Space Flight Center Code 613.1 Raman Lidar Group, with which Kevin will be working. The group works to improve the remote sensing of atmospheric constituents and provide validation of satellite measurements. Kevin will be

working at the NASA Goddard Space Flight Center in Greenbelt, Maryland, and the Howard University Beltsville Research Site in Beltsville, Maryland. Some of his responsibilities include acquiring meteorological observations during field missions, calibrating instruments, and performing atmospheric measurement inter-comparisons between various data sources including satellite, lidar, and in-situ data.

## SPRINGFEST

My name is Kate Demchak and I am in charge of the EAS Departments booths in the well-known Springfest event coming up on April 12<sup>th</sup> and 13<sup>th</sup> from 10 a.m. – 6 p.m. each day.

We are in need of many volunteers to help run five different booths involving earth and atmospheric sciences during both days. You can either sign up for the whole day, or from 10 a.m. – 2 p.m. or 2 – 6 p.m. either day. The more we get to sign up the better, however.

There will be a sign-up sheet right outside of the EAS Department Office on the 2<sup>nd</sup> floor of the CIVL Building, or you can e-mail me at [kdemchak@purdue.edu](mailto:kdemchak@purdue.edu) to let me know when you can volunteer. We would all really appreciate your help to make the EAS Department tent run smoothly and be a great hit this year! Please try to help out if you can. Thanks! Kate Demchak

## 2008 UNDERGRADUATE RESEARCH AND POSTER SYMPOSIUM

And the winners are... (drum roll please)

### Category Winners

#### *Innovative Technology/Entrepreneurship/Design*

First Place: **Alex Huang**

Advisor: Dr. James Ogg

Title: Viewing Australian Geology with Time Scale Creator (#48)

#### *Physical Science*

First Place: **Kimberly Peters**

Advisor: Dr. Kenneth D. Ridgway

Title: Stratigraphy and Depositional Environment of the Pine Mountain Thrust Sheet: Implications for Proximal Foreland Basin Development: Pound Gap, Virginia" (#150)



## A NOTE FROM OUR ACADEMIC COUNSELOR

### Career Development

#### Just in Time Job Fair

Wednesday, **April 16**, 2008 from 10 a.m. – 3 p.m. in the 3rd Floor, Ross-Ade Stadium Press Box, the [Shively Stadium Club](#). The Just in Time Job Fair is your last chance of the school year to connect with a wide variety of companies with opportunities for all majors and degree levels.

#### Etiquette Dinner

The Collegiate Career Network is presenting its 4th Annual Etiquette Dinner with Anthony Cawdron, President Cordova's Event Planner, on Tuesday, **April 8**, at 5:30 p.m. – 8:30 p.m. at the Dauch Alumni Center. Enjoy a three-course meal and learn proper etiquette for business dinners. Cost is \$15, and business attire is required. Go to the Center for Career Opportunities, Stewart 194, to order tickets; supply is limited.

#### Interviewing Workshop

An International Students Interviewing Workshop will be offered by Distinguished Speaker Gregory

Justice, Associate Professor of Theater Arts from Virginia Tech University, on Monday, **April 14**, 4:30 p.m. – 6:30 p.m. in Lilly Hall, Room 1105. Actors develop superb skills in communicating and presenting themselves in a way that makes them stand out; these same skills can be learned and taken into a job interview. This event is co-sponsored by the Center for Career Opportunities and the Office of International Students and Scholars.

#### National Weather Association 2008 Meteorological Satellite Applications Award

The NWA invites undergraduates to write an original paper on the study and use of satellite remote sensing data in weather analysis and forecasting. One award will be made; the grant is \$500 and an invitation to speak at the NWA annual meeting in Louisville, Kentucky, October 11-16, 2008. Visit <http://www.nwas.org/grants/NWAMETSATAwardGrant.php> for rules and related information. Deadline is **June 15**, 2008.

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### ABOUT THIS NEWSLETTER:

This weekly newsletter will be the place to look to keep up with departmental happenings, announcements (seminars, student group events, scholarship and award deadlines, departmental committees), job and grant opportunities, and anything else you need to know about the department. It should cut down on the glut of email and other forms of separate announcements – **if it is in the newsletter, we assume you know about it** and no other reminders are needed. Past issues will be available on our department web site ([www.purdue.edu/eas/](http://www.purdue.edu/eas/)). Material for inclusion in the newsletter should be submitted to Gina Richey ([grichey@purdue.edu](mailto:grichey@purdue.edu)) by **Friday noon** of each week for inclusion in the Monday newsletter.

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>.

