

May 3, 2010

## THE HEAD'S PERSPECTIVE

The latter part of the spring semester always seems to be the busiest part of the academic year. We had an amazing group of students, faculty and alumni recognized for their accomplishments at the EAS Awards Banquet and at the College of Science Distinguished Alumni dinner. Right after these events I hosted a dinner for 20 EAS alumni and friends in Washington D.C., and it was great to reconnect with so many former students from both the earth and atmospheric parts of our department, and hear about their successes, their fond memories of EAS, and their reflections on how various aspects of the EAS experience have been critical in their careers and other aspects of their lives. Equally insightful were the comments provided by our graduating seniors at the recent annual exit interview dinner – EAS continues to improve on the basis of the input that our graduating students provide on what is working well and what they think could be improved. Further important input on undergraduate core requirements were provided by several EAS alumni at the college level, as part of two days of meetings of the Dean's Leadership Council. I then had the honor of participating in the recognition of two of our EAS students who were awarded scholarships at the annual meeting of the Central Indiana Technical and Environmental Societies (congratulations Joe Woznicki and Kandace Gleason). Since then my appreciation of the wide-ranging accomplishments and contributions of the EAS faculty have been enhanced by reviewing the annual reports that each faculty member submits and by talking with them in individual meetings. It is an astounding community of students, alumni, faculty and staff that we are part of in EAS.

The final part of the semester also brings a lot of things to completion. At our most recent faculty meeting we completed and approved unanimously both a departmental Diversity Plan, and a new Faculty Teaching Assignment Policy. We will move ahead quickly in implementing the ideas and procedures included in these two important departmental initiatives. We are also coming to the closing stages of two faculty searches that involve EAS, one in planetary sciences and one in accelerator mass spectrometry (reminder – special

faculty meeting today at 11:30 to discuss the committee recommendations!). Many thanks to the committees and all the faculty, staff and students who worked so hard to make the search process run smoothly and effectively. Finally, as some of you head out of town right after finals, I would like to wish you an enjoyable and productive summer as well as safe travels if you are on the road for research, study or other forms of pleasure and enlightenment.

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## UPCOMING MEETINGS

### Monday, May 3

- Special EAS Faculty Meeting, CIVL 3201 (11:30 a.m.-Noon)
- EAS Primary Committee, CIVL 3201 (12 p.m., following special faculty meeting)

### Thursday, May 6

- EAS Leadership Committee, CIVL 2173 (1 p.m.)

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## OUR RECENT PUBLICATIONS

Wang, Y.-C., and W.-W. Tung, 2010: Impacts of cloud-system resolving regional modeling on the simulation of monsoon depressions, *Geophys. Res. Lett.*, **37**, L08806, doi:10.1029/2010GL042734.

Yang, P., G. Hong., A.E. Dessler, S.S.C. Ou, K.-N. Liou, P. Minnis, and Harshvardhan, 2010: Contrails and induced cirrus: Optics and radiation. *Bull. Amer. Meteor. Soc.*, **91**, doi:10.1175/2009BAMS2837.1, 473-478.

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## RECENT PRESENTATIONS

Larry Braile presented a paper at the annual Seismological Society of America meeting held in Portland, Oregon, April 21-23, 2010. The paper was titled, "A Decade of Earthquake Monitoring with an Educational Seismograph." He was also a coauthor on a poster presentation, "Networking in Educational Seismology: The IRIS Seismographs in Schools Program", and was co-convenor of a special session titled, "Engaging Students and Teachers in Seismology: In Memory of John Lahr."

Terry West gave an invited talk on Thursday evening, April 29, 2010 to the Greater Lafayette Intellectual and Entertainment organization. The title of the presentation was, "Environmental Opportunities Related to Underground and Surface Coal Mines in Southwest Indiana." The talk was an expanded version of the oral presentation given at the Annual Meeting, Geological Society of America, in Portland, Oregon in October 2009. It was followed by an extensive question and answer session concerning the environmental aspects of coal mine reclamation. About thirty people, mainly Purdue students and recent graduates, were in attendance for the function which meets every two months.

#### ASCE FELLOW

On April 13, 2010 Terry R. West was elected to the designation of Fellow in the American Society of Civil Engineers (ASCE). The official listing is Terry R. West, Ph. D., P.E., F.ASCE.

#### OPPORTUNITIES WITH WABASH AREA LIFELONG LEARNING ASSOCIATION (WALLA)

Imagine teaching classes in which the audience is always in full attendance, thirsts for knowledge, bombards you with insightful questions, and applauds enthusiastically at the end of each of your presentations. A WALLA course is this type of environment, as several of us have discovered in the past years. Jim Ogg just completed giving a 12-hour short course on Oil, which included a presentation by Bill Zinsmeister. The mission of WALLA is to offer intellectual, cultural and other opportunities for individuals 50 years and older. The courses are typically 8 ninety-minute sessions that meet twice a week; or there are mini-courses of 4 sessions. Either single-instructor or shared presentation sets are common. If you or as a group with your colleagues are interested in this type of gratifying outreach, contact Mary Gardner ([megardner@purdue.edu](mailto:megardner@purdue.edu); 494-5760) to suggest topics.

#### REMINDER



Jon Harbor invites you to attend a Brown Bag Lunch! Three lunches will be held during early May; one each for Assistant, Associate, and Full professors. These informal lunches provide an opportunity for faculty to get together to discuss issues related to their specific "time in career" and also to get up-to-date information from the Department Head. No RSVP required.

Lunches are scheduled as follows:

Assistant Professors: May 5, 12-1:00p CIVL 2201  
Associate Professors: May 7, 12-1:00p CIVL 2201  
Full Professors: May 10, 12-1:00p CIVL 2201

Drinks will be provided.

#### EAS FACULTY AND STAFF PICNIC

If you are able to attend the EAS Faculty and Staff Picnic, please RSVP to Dee ([gillesp@purdue.edu](mailto:gillesp@purdue.edu)) by Wednesday, **May 5**. Indicate the number attending and any special meal requests. The picnic is being held on Wednesday, May 12, from noon to 1:30 p.m. on the Civil Engineering Patio. Just bring a dessert to share. Families are welcome!



#### SUMMER TRAVEL REMINDERS

This is a reminder that if you will be traveling on Purdue University business this summer, you need to have your Form 17's turned in a minimum of two weeks in advance. If you will be traveling internationally, it would be preferred to have them turned in three weeks in advance to ensure that all necessary forms for international travel are submitted and approved prior to the travel date. Some of our international travel forms have to go to the College and to International Programs for approvals so this requires additional time to get them approved.

**It is imperative that all charges for travel expenses match the account that you are being paid for if you are in paid status.**

Please contact Michelle Miller at 43258 or [mille262@purdue.edu](mailto:mille262@purdue.edu) if you have any questions or need help with your travel forms.

## EAS TECHNOLOGY SUPPORT NEWS

### Hypocenter Downtime Scheduled

Routine security patching will be performed on the department's file server (hypocenter.eas.purdue.edu) on Wednesday, May 12th, from 4:30 pm. – 7:00 pm. During this time, all file shares and printing will be unavailable. If you have any questions or concerns, please contact [eas-itap@purdue.edu](mailto:eas-itap@purdue.edu).

### Filelocker

Filelocker is a web-based application which can be used by Purdue faculty and staff to conveniently and securely share files with individuals on campus. Files may also be shared with individuals outside the Purdue community by sharing files via a URL link, which is protected by a pass phrase.

Filelocker URL is: <https://filelocker.itns.purdue.edu>

Quick overview:

- Share large files easily and securely.
- Files are encrypted during transfer and may also be stored encrypted.
- Filelocker is not a storage application.
- Files are removed automatically after they expire.
- Files are only available for seven days.
- The current server storage per person is 750 MB.

Additional information may be found in ITaP's Knowledgebase at:

<https://www.purdue.edu/goldanswers/ss/>

(Search on "Filelocker")

### SCIENTISTS TO TRACK TWISTERS IN WORLD'S LARGEST TORNADO STUDY

More than 100 researchers will begin deploying a flotilla of instruments across the Great Plains next week, aiming to surround tornadoes with an unprecedented fleet of mobile radars and other cutting-edge instruments in the second and final year of the most ambitious tornado study in history. [Read more...](#)



Also, four EAS graduate students, Eric Robinson and Mallie Toth (advisor, Jeff Trapp) and Erin Jones and Jacob Carley (advisor, Mike Baldwin) are participating in the 8-week field program with Dr. Karen Kosiba, PhD graduate from Purdue (advisor, Jeff Trapp) along with a host of other prominent severe storm meteorologists and students.

## CHANGE IN PRINTER LOCATIONS

In an effort to save costs, the color printer (civl2296lco2) has been relocated to CIVL 2169M and is accessible during main office business hours, 7:30a-5:00p (for those that do not have a key to the main office). The black and white printer (civl2169mlbw1) has been moved to CIVL 2296 and is accessible 24/7 via keypad code access.

Please consider costs when submitting jobs to the color printer. Only final copies and documents definitely requiring color output should be submitted to the color printer.

## EAS LIBRARY'S NEWEST BOOKS

Click [here](#) to see a list of new books in the EAS library in the last two weeks.



## MAPS AVAILABLE

Superseded and duplicate copy maps are available for the taking. They are above map case 29 in the map room. There is a ladder to make viewing easier.

## NSF CAREER WORKSHOP

For those planning to attend the NSF CAREER Workshop on Wednesday, May 5, 10:30 a.m. to noon, it has been **moved to Room 202** Stewart Center.

## FALL "WELCOME" PICNIC AT HAPPY HOLLOW PARK

Tuesday, August 17  
4:00-7:00p Shelter 4

Mark your calendar now!!!

The Boilermaker Special train will provide transportation to and from campus as well as offer rides at the Park!



## TRAVEL GRANT RECIPIENT

Sarah Stamps has been selected as a recipient of the highly competitive and prestigious Frederick N. Andrews Environmental Travel Grant. This grant provides \$1,500 towards research relating to the world environment.

*Congratulations!*

## RESEARCH SCIENTIST METEOROLOGIST- SATELLITE DATA ASSIMILATION

The Cooperative Institute for Mesoscale Meteorological Studies (CIMMS) seeks to fill a professional scientific position for its collaborative research as a Cooperative Institute with both the National Oceanic and Atmospheric Administration (NOAA) Office of Oceanic and Atmospheric Research (OAR) National Severe Storms Laboratory (NSSL) and the National Centers for Environmental Prediction (NCEP) Storm Prediction Center (SPC).  
[Read more...](#)

### IT'S A GIRL!

Lila Frances was born to Phil and Emily Finzel at 2:59 p.m. on Tuesday, April 27, weighing in at 4 lb 15 oz and 18 inches long. She is tiny, but considering she is a month early, she is doing great. Congratulations to Mom and Dad!



## HAPPY BIRTHDAY!!!

Jon Harbor – May 5  
Bill Zinsmeister – May 6  
Dan Shepardson – May 26  
Saad Haq – June 1  
Tricia Brooke – June 5  
Melissa Guinn – June 5



**Please note** – this is the last weekly newsletter for the 2010 Spring Semester. The newsletter will continue on the first Monday of each month through the summer. The weekly schedule will resume with the August 23rd issue.

## A NOTE FROM OUR ACADEMIC COUNSELOR



### Congratulations to EAS Undergraduate Candidates for May 2010



*Amanda R. Bullock*  
*Amanda J. Eggink*  
*Nicholas J. Farny*  
*Steven T. Goedde*  
*Brenton R. Kraemer*  
*Russell S. Martin*

*Robert J. Miller*  
*Dustin E. Pittman*  
*Daniel J. Sheehan*  
*Adam K. S. Simkowski*  
*David L. Solomon*

The College of Science Commencement is Sunday, **May 16**, 2010 at 9:30 a.m. in the Elliott Hall of Music. The Spring Commencement Reception is also Sunday, **May 16**, 11:30 a.m. ~ 1:00 p.m. **Purdue Memorial Union**, South Ballroom. RSVP by **May 10** at: [http://purdue.qualtrics.com/SE?SID=SV\\_cZyrEnBOxN10F3C&SVID=Prod](http://purdue.qualtrics.com/SE?SID=SV_cZyrEnBOxN10F3C&SVID=Prod).

Commencement will be aired live on Comcast Channel 5 and Boiler TV Channel 13. All speeches will be captioned for the hearing impaired. The ceremonies also will be webcast at [mms://video.dis.purdue.edu/graduation](http://mms://video.dis.purdue.edu/graduation). The link will not become active until 48 hours before the ceremony.

Best wishes to our graduates!  
Nancy

## Graduate Student International Travel Awards

Deadline: June 15, 2010

~ two or three awards ranging from \$600 to \$800  
for international travel\*~

### Prerequisites:

- must be a full-time PhD student
- must be making an oral or poster presentation at an international conference

### Priority will be given to:

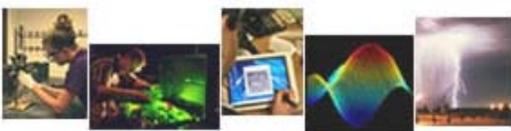
- travel to make an oral presentation at a conference
- attendance at an interdisciplinary conference
- students who have passed their prelims

### To apply, please send electronically as one file\*\*:

- CV (2 page limit)
- brief summary of research (1 page limit)
- brief statement of purpose for attending conference specifying whether your presentation is oral or poster
- provide web link to conference
- with a letter of support from research advisor as a separate electronic document

\*for travel between August 1 2010 and December 31 2010

\*\*send to [dmize@purdue.edu](mailto:dmize@purdue.edu)



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### 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/](http://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](mailto: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>.

