

The Summer Monthly News

July 6, 2009

AN INTERIM PERSPECTIVE

It has been an exciting year of achievements, and sincere thanks are expressed for Larry Braile's service as department head. Hopefully, everyone is having a most successful summer, while looking forward to the start of the next academic year. Planning is in progress for the EAS Faculty Retreat on August 19th with classes to follow on August 24th. I have been informed by our new Dean of Science, Jeff Roberts, that he will stop by the retreat early that morning to informally meet the faculty. Much of our effort at the retreat will focus on our vision for the future and adoption of the EAS Strategic Plan for (2009-2014). Jay Melosh will join us at this retreat, and hopefully all faculty will be able to participate in this opportunity to develop a plan to guide our department's future. The university continues to search for a Director of the PCCRC, and Jay Famigliette will visit the campus again in late July as a candidate for this position. Also, Ki-Hong Min has accepted a two-year appointment as a Visiting Assistant Professor to help meet the teaching responsibilities of the atmospheric science program. Faculty research proposals and awards continue at a record pace, and Kevin Gurney now joins Dev Niyogi as our latest NSF CAREER Award recipient. In the August 3rd EAS newsletter we hope to have more complete announcements on research proposals and awards received. Keep up the great effort and continue to have an enjoyable and successful summer.

Ernie

TEACHING HONOR ROLL

Many of our faculty colleagues have made the department's Teaching Honor Roll for the 2009 Spring semester (based on student evaluation instructor ratings) as noted below. Congratulations!

Service Courses (=> 4.0)

Larry Braile	EAS 100	4.1
Jerry Krockover	EAS 102 (sec. 6)	4.2
Andy Freed	EAS 106*	4.5
Noah Diffenbaugh	EAS 106*	4.5
Andy Freed	EAS 106H	5.0
Noah Diffenbaugh	EAS 106H	5.0

Eric Riggs	EAS 111	5.0
Tom Tharp	EAS 120H	4.0
Jeff Trapp	EAS 221	4.3

Undergraduate/Graduate Courses (=> 4.5)

Ernie Agee	EAS 117	4.5
Gabe Bowen	EAS 191 (Intro Earth Sci.)	4.6
Mike Baldwin	EAS 309*	4.8
Terry West	EAS 385	4.6
Hersh Gilbert	EAS 391 (Plate Tectonics)	4.8
Barbara Cooper	EAS 391 (Changing Water Paradigm)	5.0
Mike Baldwin	EAS 434	4.8
Brenda Bowen	EAS 474	4.9
Jim Ogg	EAS 474	4.7
Sonia Lasher-Trapp	EAS 532	4.7
Ken Ridgway	EAS 590	5.0
John Cushman	EAS 591 (Math Dispersive...)	5.0
Andy Freed	EAS 591 (Geodynamics)	4.5
Eric Calais	EAS 591 (Geodesy)	5.0
Hersh Gilbert	EAS 591* (GAT Seminar)	4.7
Saad Haq	EAS 591* (GAT Seminar)	4.7
Ken Ridgway	EAS 591 (New Prov. Tech...)	5.0
Sonia Lasher-Trapp	EAS 591 (Aerosols, Clouds...)	4.8
Gabe Bowen	EAS 591* (Biogeochem. sem.)	4.5
Tim Filley	EAS 591* (Biogeochem. sem.)	4.5
Greg Michalski	EAS 591* (Biogeochem. sem.)	4.5
Eric Riggs	EAS 591 (Geocognition)	4.8
Brenda Bowen	EAS 591 (CO ₂ Sequestration)	5.0
Darryl Granger	EAS 591 (Tectonic Geomorph.)	4.8
Terry West	EAS 591 (Rock Slope Stability)	5.0
Wen-Yih Sun	EAS 634	5.0
Maarten de Hoop	EAS 658	4.7

*Course was co-taught

The following TAs have made the Teaching Honor Roll for the 2009 Spring semester by achieving a score of 4.5 or higher as rated by their students. Congratulations!

Loran Parker	EAS 102 (sec. 4)	4.6
Richard Fisher	EAS 111 (sec. 7)	4.7
Kristen Nielson	EAS 111 (sec. 9)	4.6
Krystin Riha	EAS 111 (sec. 11)	4.6

Kristine Nielson	EAS 111 (sec. 23)	5.0
Patrick Brennan	EAS 112 (lecture)	4.6
Kelly Ross	EAS 230 (sec. 2)	4.6
Heather Houlton	EAS 312 (sec. 2)	4.6
Dane Brown	EAS 312 (sec. 5)	4.5
Dane Brown	EAS 312 (sec. 6)	4.6
Eric Robinson	EAS 434	4.5
Nathan Hitchens	AGRY 442 (432)	4.8
Nick Fischietto	EAS 474	4.9

THESIS DEFENSE

Thursday, July 23, at 10 a.m. in CIVL 2201:

"Response of South Asian monsoon dynamics to changes in radiative forcing." PhD Defense for Moetasim Ashfaq; Advisor: Noah Diffenbaugh

Thursday, July 23, at 2 p.m. in CIVL 2201:

"Proposed conceptual taxonomy for identification and classification of potentially tornadic convective systems." MS Defense for Erin Jones; Advisor: Ernie Agee

OUR RECENT PUBLICATIONS

Dasgupta, S., R. L. Nowack and S. Mitra, 2009: Deconvolution of three-component teleseismic data from southern Tibet using the SVA technique, *Bull. Seism. Soc. Am.*, **99**, 1973-1983.

WORKSHOP PARTICIPATION

Upon invitation, Prof. Qianlai Zhuang participated in the Twenty-Ninth MIT Global Change Forum held in collaboration with Eni S.p.A. on 24-26 of June 2009 at the Accademia dei Lincei, Rome, Italy. The theme of this workshop is "The Scientific, Economic and Policy Background for COP-15."

CONGRATULATIONS GO TO...

Robert L. Nowack has been appointed, along with Thomas Parsons and Andre Revil, as an Editor of the *Journal of Geophysical Research – Solid Earth* (JGR-SE). The term is for four years ending on December 31, 2012. *JGR*, with its different topic areas, is the flagship journal of the American Geophysical Union and one of the most prominent journals in the geosciences

Eric Riggs was one of two faculty recipients of the GSA/ExxonMobil Big Horn Basin Field Program Award along with 23 graduate student recipients nationwide. Recipients were invited to participate in an experimental version of the ExxonMobil Big Horn Basin sequence stratigraphy and hydrocarbon

systems field short course in Cody, Wyoming from May 17-23.

Terry West has received the Karl and Ruth Terzaghi Outstanding Mentor Award from the Association of Environmental & Engineering Geologists for his achievements as a mentor throughout his career. The award recognizes individuals who have made lifelong efforts in providing professional, ethical and technical mentoring for environmental and engineering geologists. The award will be presented September 24 at the annual meeting in South Lake Tahoe, California.

RECENT PRESENTATIONS

Prof. Qianlai Zhuang chaired a session on land use and land cover change due to biofuel production in the 12th Annual Conference on Global Economic Analysis in Santiago, Chile, June 10-12, 2009. In addition, he delivered an oral presentation to the conference: Zhuang, Q., F. Taheripour, W. Tyner and T. Hertel, Estimating Changes of Global Vegetation and Soil Carbon Storage Due to Biofuel Production, GTAP Twelfth Annual Conference, "Trade Integration and Sustainable Development: Looking for an Inclusive World," Economic Commission for Latin America and the Caribbean Santiago, Chile, June 10-12, 2009.

REVIEW TEAM MEMBER

Eric Riggs served as an external academic review team member for the Earth Sciences Department of the King Fahd University of Petroleum and Minerals in Dhahran, Saudi Arabia from June 3-10.

FIELD COURSE INVOLVEMENT

Eric Riggs worked with the teaching and learning assessment components of an ExxonMobil field course in southern England, "The Hydrocarbon System of the Wessex Basin – Dorset Field Course" from June 21-27.

RESEARCH PROPOSALS AND AWARDS

(Compilation to appear in August 3rd newsletter)

EAS TECHNOLOGY SUPPORT NEWS

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/login.jsp>

(After logging in using your Purdue Career Account and password, search on "Filelocker".)

Purdue University West Lafayette Voice Mail System

Purdue University's Voice Mail system for the West Lafayette campus was changed to CallPilot Unified Messaging system on Tuesday, June 23rd.

Access the new system by dialling: 40553

Information for the first time you login:

Mailbox = your 5 digit phone number

Password = first time will be 49 + your 5 digit phone number

New password must be 6 to 15 digits

At minimum, users need to:

- 1) Change Personal Verification
[normally a recording of your spoken name]

From your phone: 8 - 2 - 9 - 5 (record) #4 to return to main menu

- 2) Change Greeting
[Note: CallPilot has both internal and external greetings. If you wish to set only one greeting, set 'External'. It will be heard by both internal and external callers.]

From your phone: 8 - 2 - 1 - 5 (record) #4 to return to main menu

CallPilot voice mail also has a web option, called "My CallPilot", which may be accessed from your computer. The web interface contains additional features, including: the ability to configure your voice mail messages to be sent to a specified email address.

Please note: When setting a password using the web option, do **not** use alpha characters. You need to be able to use the digits on your phone to enter

your password. (Computer keyboard alpha characters do not map as expected to the number keys on your phone.)

The URL for My CallPilot, the web option, is: <https://vmail.purdue.edu/mycallpilot>.

Complete information on CallPilot and My CallPilot may be found at: <http://www.itap.purdue.edu/telephone/>.

Digital Conversion Forces Wireless Audio Switch in Classrooms

ITaP audiovisual staff will replace wireless audio receivers in centrally scheduled classrooms across campus during July and August. Departments and individual instructors who use wireless microphone receivers in these classrooms need to purchase a different kind of audio body-pack system before classes start in the fall.

The Federal Communications Commission's switch from analog to digital broadcasting technology means the existing Shure UC1 body packs will no longer work.

Additional information may be found at: <http://www.itap.purdue.edu/newsroom/detail.cfm?NewsId=1936>.

Printing Unavailable on July 14 from 6 - 8 a.m.

Network printing in EAS will be unavailable from 6 a.m. until 8 a.m. on Tuesday, July 14, in order to perform routine upgrades and maintenance on the print server. During this time, print jobs will be rejected. Access to file storage on hypocenter will be unaffected.

College of Science Using ITaP's Outage Notification System

In order to provide a convenient single source of outage information, the College of Science has partnered with ITaP to begin using ITaP's outage notification service. This service allows users to select the services they are interested in and be notified via e-mail when there is an unscheduled outage. Scheduled outages are sent via e-mail on Wednesday afternoons.

In the trial phase of this venture, two EAS services are included: hypocenter file shares (listed as "College of Science – File Shares – Earth and Atmospheric") and network printing (listed as "College of Science – Printing – Earth and Atmospheric"). Outage notifications are also

available for a variety of ITaP-provided services, such as e-mail, Blackboard Vista, and Blackberry.

To sign up for outage notification, visit the ITaP Change Management page (<http://www.itap.purdue.edu/infrastructure/operations/change/unscheduled/notification/>).

Linux software updates

The NCL and IDV packages will be updated for EAS Linux machines on Wednesday, July 15. The updates will be for Red Hat 5 machines only. NCL will be updated to version 5.1.1 from version 5.0.0. Test builds are available in:

/project/devo/b/ncl-5.1.1 (32-bit)

/project/devo/b/ncl-5.1.1-x86_64 (64-bit)

Note that you will have to set the NCARG_ROOT environment variable to the appropriate directory above.

IDV is being upgraded to version 2.7 from version 2.5. A test build is available in

/project/devo/b/idv-2.7

As a reminder, the available software on EAS Linux machines can be found on the EAS Technology Support website at http://www.purdue.edu/eas/resources/it/faq/linux_software.html.

UPDATE FROM ISS ON PROCESSING FACULTY/STAFF H1-B VISAS

In order for the International Students and Scholars Office (ISS) to provide the best possible service to

Purdue Departments and Schools requesting H-1B status for international faculty and staff (including regional campuses) rush H-1B petitions should be avoided. It is highly recommended that any H-1B request be received by ISS 5-6 months ahead of the start date. This will allow sufficient time for ISS to work through the lengthy Department of Labor (DOL) and U.S. Citizenship and Immigration Services (USCIS) processes and receive a timely decision from USCIS regarding the H-1B. Please keep this in mind as you make hiring decisions throughout the year. If you have any questions regarding current processing times you may contact your ISS Liaison for further assistance. The ISS Liaison for EAS is Kathy Kincade in CIVL 4259D (kkincade@purdue.edu).

HAPPY BIRTHDAY!!!

Steve Smith – July 7

Andy Freed – July 8

Alex Gluhovsky – July 13

Noah Diffenbaugh – July 23

Bill Hinze – July 26



ABOUT THIS NEWSLETTER:

This weekly newsletter is 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 departmental web site (www.purdue.edu/eas/). 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 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>.

