

April 5, 2010

UPCOMING MEETING

Monday, April 12

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

EAS SEMINAR

Thursday, April 8, at 3:30 p.m. in CIVL 2201:

"The Climate of the West African Sahel Region and its Representation in Global Climate Models." Prof. Mark Miller, Rutgers University

Refreshments at 3 p.m. in CIVL 2201

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

RECENT PRESENTATIONS

Laura Pyrak-Nolte gave an invited talk entitled, "Particle Swarms in Fractures" at the Department of Energy's Office of Basic Energy Sciences Research Symposium on Geophysics and Fluid Flow, held March 11-12, 2010 in Gaithersburg, Maryland.

Laura Pyrak-Nolte gave an invited talk entitled "Films & Hysteresis in a Simple Channel" at the Interpore annual meeting, held March 14-17 at Texas A&M University.

Sun, W. Y. (with T. J. Oh and O. M. Sun) presented an invited paper, "Numerical Schemes applied to Shallow Water Equations" at National Central University, Chung-Li, Taiwan, March 23, 2010.

Sun, W. Y. (with K. Yang) presented an invited paper "Numerical Simulation of Dust Storm in Asia" at the Central Weather Bureau, Taipei, Taiwan, March 25, 2010.

Gabe Bowen gave a talk entitled, "IsoMAP: Isoscapes Modeling, Analysis, and Prediction" in the Department of Ecosystem Science and Management at Texas A&M University on March 26.

Angel R. Torres-Valcarcel gave a video interview on the Purdue Spanish language video newsmagazine, *Fast Track te Informa*, on March 30. The subject was "PhD experience at Purdue, COSUAM background, projects and achievements." Angel also wrote a newspaper column on March 26 for the *El Nuevo Día* entitled, "What Sustainable Development?"

OUR RECENT PUBLICATIONS

Davis, C. A., **L. J. Pyrak-Nolte**, E. A. Atekwana, D. D. Werkema, and M. E. Haugen, Microbial-induced heterogeneity in the acoustic properties of porous media *Geophys. Res. Lett.*, 36, 21, doi:10.1029/2009GL039569, 2009

Book: Sakai, H., Kuniyoshi, K., Hossain, Z. and **L. J. Pyrak-Nolte**, Soil Mechanics (1) – Fundamental Properties, Corona Publishing Co. Ltd (SBN :978-4-339-05224-4), 2009.

Ping, X., G. Zhou, **Q. Zhuang**, Y. Wang, W. Zuo, G. Shi, X. Lin and Y. Wang, (2010). Effects of sample size and position from monolith and core methods on the estimation of total root biomass in a temperate grassland ecosystem in Inner Mongolia. *Geoderma*, **155**(3-4): 262-268.

OTHER ACTIVITIES

Upon invitation, Prof. Qianlai Zhuang participated in MIT Global Change Forum, XXX, Features of the Road from Copenhagen: Science, Technology and Economics, March 23-25, 2010, Arlington, Virginia.

On March 5-7, 2010, Prof. Qianlai Zhuang served on the NSF Graduate Research Fellowship panel in the field of Ecology.

EAS FACULTY RETREAT

Please mark your calendars for the EAS Faculty Retreat on Wednesday, August 18, at 8 a.m.-5 p.m. A light breakfast and lunch will be served. RSVP will be requested as the date gets closer.

EAS TECHNOLOGY SUPPORT NEWS

Windows 7 Computer Available for Application Testing

Windows 7 is scheduled to be deployed this summer in all ITaP Instructional Labs. A computer running the new Windows 7 operating system lab image is now available in Civil 2201 (back corner).

Please test any applications which will be used in the 4th floor EAS Windows lab or in an ITaP Instructional Lab to ensure they function as expected under the new operating system.

Problems and/or feedback should be reported to: classroom-mgr@purdue.edu.

PUBLISHING COMPANY CONTACT INFORMATION

Publishing company [contact information](#) as presented by Eric Riggs at the March 29 faculty meeting (Eric is currently using Kendall Hunt for two course manuals so he may be able to answer your additional questions).

EAS LIBRARY NEW BOOKS

Click [here](#) to see the most recent list of new books in the EAS library.

SPRINGFEST VOLUNTEERS NEEDED

Springfest is just a few weeks away now! This year the campus-wide event will be Saturday, April 17, 10:00 a.m. – 4:00 p.m. EAS will have a portion of the College of Science Booth. This is a great way to give back to the community.

Thousands of people from the community will be stopping by the tent to check out our activities and demos. Traditionally our department has made a very good showing for this event and I am hoping that this year is a banner year for us! We will be having a variety of Earth and Atmospheric activities depending on the areas of the volunteers.

If you are interested in volunteering let me know (mrsmith@purdue.edu). We will need help in the following areas/times:

- Setting up (9-10 a.m.)
- Morning shift (10 a.m. – 1 p.m.)
- Afternoon shift (1 p.m. – 4 p.m.)
- Tear down (4 p.m. – 4:10 p.m.)

BROWN BAG LUNCHEES WITH DEPARTMENT HEAD

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.

TO ALL EAS PROMOTABLE FACULTY

Please find [here](#) this year's promotion schedule and the template requirements for your promotion format CV. As we move through this process, additional specific instructions and deadlines will be provided. This document has been provided as an overview of the process and as a guide for drafting your 2010-11 promotion format CV for your PAC committee.

Also, there will be a special Brown Bag Lunch with Jon Harbor on Tuesday, April 27, from 12:00-1:00p in CIVL 2201. For those that cannot attend on Tuesday, a second session will be held on Wednesday, April 28, from 12:00-1:00 in CIVL 2201. The latest information regarding the promotion and tenure process will be discussed. Please see the document for a template to begin creating your document or amending your previous version.

Drinks will be provided. Bring your questions as well!

RSVP required – please indicate which day you will attend.

TERRY JONES RECEPTION INVITATION

You are invited to attend a private reception for Mr. Terry Jones, Founder of Travelocity.com and Chairman of Kayak.com on April 7th at 5:30 p.m. at Lawson Computer Science Building Commons. [Read more...](#)

INVITATION TO THE COS HONORS CONVOCATION

Dean Jeff Roberts cordially invites you to the **College of Science 2010 Honors Convocation Program and Reception**

Please join us as we celebrate the achievements of our students, faculty, and staff.

Sunday, April 18, 2010

2:30 p.m. Check-In and Refreshments
2:45 p.m. Program

Purdue Memorial Union
South Ballroom
101 North Grant Street
West Lafayette, Indiana

RSVP by **April 12**

Please register at:

http://purdue.qualtrics.com/SE?SID=SV_eOQciCaP_HQWRNC4&SVID=Prod

Questions: College of Science 765-494-1857 or
ScienceEvents@purdue.edu
Business Casual Attire

Please let us know of special needs.

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!

EAS MERCHANDISE AVAILABLE

<http://www.purdue.edu/eas/alumni/merchandise.php>

EAS Department Logo Apparel and Accessories are available directly from Lands' End Business Outfitters at www.landsend.com/business or by calling 1-800-338-2000.

When placing your order to have the EAS Department logo and Purdue University embroidered on your selection, **be sure to reference the EAS logo code: 0749847W.**

Please note: There will be an additional charge for adding the logo. However, no minimum order is required.

ENERGY CENTER UPCOMING EVENTS

The Energy Center has several events in the coming weeks. We would like to invite anyone interested to please attend. [Read more...](#)

THE 2010 INTERNATIONAL CONGRESS ON COMPUTER APPLICATIONS AND COMPUTATIONAL SCIENCE (CACS 2010) 4-6 December 2010, Singapore

CACS 2010 aims to bring together researchers and scientists from academia, industry, and government laboratories to present new results and identify future research directions in computer applications and computational science. [Read more...](#)

WATER COMMUNITY MEMBERS

The abstract submission deadline for the Indiana Water Resources Symposium is fast approaching. This event, to be held at Purdue May 26-28, will be an important opportunity for the Water Community to showcase our water-related research. [Read more...](#) The Symposium will be attended by water resource professionals from the public and private sectors throughout the State. The call is very broad, and students and faculty are encouraged to present posters or oral presentations on a range of water-related topics. If the April 1 deadline presents a problem for you, please let Leighanne know (hahnl@purdue.edu) and I'm sure it can be extended a few days.

OPPORTUNITIES IN ENVIRONMENTAL SYSTEMS MODELING/LANDSCAPE MODELER

The Environmental Laboratory of the US Army Engineer Research and Development Center, Vicksburg, Mississippi, offers career opportunities in climate-change related environmental modeling and analysis. [Read more...](#)

FUNDING INFORMATION NSF Dear Colleague Letter: Climate, Energy, and Sustainability

In FY 2010, NSF is expanding its support for climate research by issuing five new cross-directorate solicitations which are intended to support innovative research and education that will advance our capability and capacity to understand and predict changes to Earth's natural and human-dominated systems, [Read more...](#)

LECTURER POSITION AT IOWA STATE UNIVERSITY

The Department of Geological and Atmospheric Sciences at Iowa State University has an opening for a part- to full-time lecturer beginning fall 2010 with duration of up to two years. [Read more...](#)

A NOTE FROM OUR ACADEMIC COUNSELOR 2010 Undergraduate Research and Poster Symposium

The College of Science Undergraduate Research Day is Wednesday, **April 7th**, 2010. Research projects by undergraduates in Biology, Chemistry, Computer Sciences, Earth and Atmospheric Sciences, Mathematics, Physics, and Statistics; as well as selected projects from the Colleges of Engineering will be presented.

North Central Summer Registration

Representatives from the North Central campus will be available at West Lafayette to assist with the 2010 summer session registration for students who plan to attend their campus this summer. The location for all of the registrations will be in the Main Lobby of Schleman Hall. Fort Wayne will be here next week and will conclude the regional campus visits.

North Central	Wednesday	April 7, 2010 11 a.m. to 5 p.m.
	Thursday	April 8, 2010 9 a.m. to 1 p.m.

EPICS

A letter from EPICS: "We welcome a variety of majors and EPICS is available for students in all disciplines. Last semester we had 48 majors. We offer courses for 1 or 2 credits and it can be taken for several semesters.

"EPICS can be a valuable experience in current times when internships are tight. Many students have come back telling us EPICS helped them get an internship or a full time position. Industry is finding value in our students and recognizes EPICS as a beneficial experience.

"In addition, we continue to have new partners ask for projects and we have to turn them down without additional students. We have teams who are doing global projects. This fall we will have a Haiti team, Water Resource team and an Engineering World Health team."

EPICS courses also count toward the Teaming experience and Multidisciplinary requirements for the College of Science. It is also a good thing to have as part of your resume. See: www.purdue.edu/epics

Nancy

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>.



NC STATE UNIVERSITY



11th Annual National Outreach Scholarship Conference



October 4-6, 2010 – Greater Raleigh Convention Center, Raleigh, NC
Hosted by North Carolina State University



Emerging Engagement Scholars Workshops

ACCEPTING APPLICATIONS

Application deadline extended, submit by Monday, April 12, 2010

Please share with colleagues and post to listservs to which you belong.

Interested in an intensive professional development program on engaged community scholarship?
Then participate in the *Emerging Engagement Scholars Workshop* as part of the *National Outreach Scholarship Conference*.

Date: October 2-6, 2010

Place: Downtown Marriott in Raleigh, North Carolina

Audience: advanced doctoral students and early career faculty

What to expect: background literature, facilitated discussion, mentoring, and presentations designed to increase knowledge and enhance practice of community engaged scholarship

Emerging Scholars Application at <http://ncsue.msu.edu/eesw>

National Outreach Conference at <http://www.ncsu.edu/project/OPDWebSpace/2010OSC/>

Questions: Lisa Marshall, 2010 Chair at (919) 515-5876 or lisa.marshall@ncsu.edu