

April 6, 2009

THE HEAD'S PERSPECTIVE

Recognitions



The retirement event for Professor Phil Smith will be held Monday, April 6, 2009, at 5:30pm in the Buchanan Club in the Ross Ade Pavilion. Professor Smith is officially retiring from Purdue and the Department of Earth and Atmospheric Sciences on May 9, 2009, and the retirement event will recognize Phil's 42 years of service to the students, the department, the college, the university and the field of atmospheric science. When I think of Phil Smith I have a hard time realizing that he is retiring! In addition to the many contributions to teaching, research and service during his career, I continue to be impressed by the effort and success of the establishment of the Atmospheric Science Program at Purdue in 1967. When Phil arrived at Purdue in 1967 and became a founding member of the Department of Geosciences, now EAS, he developed in a very short time (with some help from other EAS and Agronomy faculty) the atmospheric science curriculum, thus establishing the atmospheric science program at Purdue. Of course that program is still going strong and is bigger and better than ever. Congratulations to Professor Phillip Smith and we wish you and Linda the very best in your retirement! We know that we will also be welcoming you back to the department often.



Professor Eric Calais has been awarded the "Charles Jacob, James Hal, Paul Fallot-Jeremine" award by the French Academy of Sciences. This prestigious award recognizes a mid-career, field-based researcher for outstanding contributions to Earth sciences. The award is presented by the French Academy every two years. The announcement of this award was made during the fall semester, but we now have a photo of the award presentation from the November 2008 ceremony. In the photo, Jean Salencon, Vice-President of the French Academy of Sciences, presents the Charles Jacob, James Hal, Paul Fallot-Jeremine Award to Professor Eric Calais. Congratulations again Eric!

UPCOMING MEETINGS/EVENTS

Monday, April 6

- Graduate Committee, CIVL 2173 (8:45 a.m.)
- EAS Faculty Meeting, CIVL 3201 (11:30 a.m.)
- Phil Smith's Retirement Dinner, Buchanan Club, Ross-Ade Pavilion (5:30 p.m.)

Tuesday, April 7

- COS Faculty Meeting, LWSN 1142 (4 p.m.)

Wednesday, April 8

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

Friday, April 10

- ATMS Tea, CIVL 2201 (2:30 p.m.)

Monday, April 13

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

EAS SEMINAR

Thursday, April 9, at 4 p.m. in PHYS 203: "Our Catastrophic Solar System: Impacts and the Latest Revolution in Earth Science." H. J. Melosh, University of Arizona, Tucson (*Crough Lecture*)

Refreshments at 3:30 p.m. in PHYS

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

THESIS DEFENSE

Wednesday, April 8, at 3 p.m. in CIVL 2201: "Modeling Wildfire Regimes in Northern North American Terrestrial Ecosystems." Yueyang Jiang, Advisor: Qianlai Zhuang

OUR RECENT PUBLICATIONS

Cushman, J.H., D. O'Malley and M. Park, 2009: Anomalous Diffusion as Modelled by a Non-stationary Extension of Brownian Motion. *Phys Rev E*. **79**, 032101: 1-4.

RECENT PRESENTATIONS

Terry R. West presented an invited lecture on March 30, 2009 to WALLA, the Wabash Area Lifetime Learning Association in the Morton Center, West Lafayette, Indiana. The title of the PowerPoint presentation was, "Geology and Physiography of Southern Indiana". About 90 individuals were in

attendance for the 90 minute illustrated lecture. The presentation was part of the eight session course on Indiana Natural History and Culture.

PROFESSORS DEVELOP CLIMATE AND CLIMATE CHANGE CURRICULUM

WEST LAFAYETTE, Ind. - Purdue University professors have developed a program designed to improve the way climate and climate change is taught by science teachers and educators.

The Activities for Conceptualizing Climate and Climate Change program was created through a grant from the National Science Foundation's Geoscience Education program. Dan Shepardson, a professor of curriculum and instruction and earth and atmospheric sciences, is the principal investigator. Dev Niyogi, an assistant professor of agronomy and earth and atmospheric sciences, is a co-principal investigator.

The program was unveiled earlier this month at the annual Hoosier Association of Science Teachers conference in Indianapolis. The activities can be accessed at the Indiana State Climate Office at <http://iclimate.org/ccc>. It can be used by teachers at no cost, Shepardson said.

"Teaching and learning about climate and climate change is conceptually challenging," Shepardson said. "Although students can collect local weather data and relate this data to local climate, they cannot monitor climate change due to time and scale issues. In order to learn about climate change it is necessary for students to interpret, analyze, explain and evaluate historical data and model-based data projections."

The activities are designed to supplement the existing junior and senior high school science curriculum and are consistent with national science education standards, Shepardson said. The 17 activities are clustered around four modules: fossil fuels and greenhouse gases, climate and severe/extreme weather, climate change and ecological impacts, and natural processes.

Teachers involved in the development and field testing of the activities were: David Burch of Eastern Greene Jr.-Sr. High School, Ted Leuenberger of Benton Central Jr.-Sr. High School, and Mark Koschmann of St. John's Lutheran School. Graduate students Umarporn Charusombat, from the earth and atmospheric sciences department, and Soyoung Choi, from the curriculum and instruction department, assisted in the project's research and Web site design. Mary Maxine Browne from the

Indiana State Climate Office served as a project editor.

The Center for Research and Engagement in Science and Mathematics Education and the Discovery Park Center for the Environment provided additional funding.

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MAY GRADUATION DEADLINES

April 10 – Graduate School Form 8 (Request for Appointment of Examining Committee) must be turned in to the Graduate School (or a minimum of two weeks prior to defense).

April 24 – Last day to defend.

April 24 – Last day to turn in your Final Examination Report to the Graduate School.

May 1 – Last day to deposit thesis.

A NOTE FROM OUR ACADEMIC COUNSELOR

There's Still Time...

Environmental Summer Internships Application Deadline Extended

The National Council for Science and the Environment has extended the application deadline for summer internships to **April 10th**. Please review the information and requirements at <http://ncseonline.org/01about/cms.cfm?id=1144> or send an email to internships@ncseonline.org.

Just in Time Job Fair

Tuesday, **April 14**, PMU Ballrooms, 10 a.m. – 3 p.m. A last chance to connect with companies with opportunities for all majors and degree levels on this campus.

Northeast Indiana Career Employment Expo

Thursday, **April 16**, 2 - 6 p.m., Walb Student Union Ballroom, Fort Wayne Indiana. Soon-to-be graduates and alums from all Purdue campuses are invited to attend. Admission is free, and employers will be looking for candidates for internship and full-time positions.
<https://www.cco.purdue.edu/Events2009/2009NICEStudent.pdf>.

Career Development

Monday, **April 6**, 6 p.m. [Employer Expectation Symposium/ Panel Discussion – “What Are We Looking For?”](#) Krannert Auditorium. Reception following in Krannert Drawing Room. Dress is business casual.

Wednesday, **April 15**, 3:30 - 4:30 p.m. STEW 202. Speed Interviewing Workshop. This is your chance to become expert interviewees. This workshop will allow you to meet with multiple interviewers (corporate and career services), each asking a series of questions and offering valuable feedback before students move to another interviewer. Bring several copies of your resume. Dress attire: casual. [Registration is required.](#) -- space is limited.

Regional Campus Summer Registration

Representatives from the following regional campuses will be available at West Lafayette to assist with the 2009 summer session registration for students who plan to attend North Central or Fort Wayne. Location: Main Lobby of SCHL.

North Central	Wednesday	April 8, 2009 Noon to 5 p.m.
	Thursday	April 9, 2009 9 a.m. to 2 p.m.
Fort Wayne	Wednesday	April 15, 2009 11 a.m. to 5 p.m.
	Thursday	April 16, 2009 9 a.m. to 2 p.m.

Nancy

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>.

