

March 29, 2010

UPCOMING MEETING

Monday, March 29

- EAS Faculty Meeting, CIVL 3201 (11:30 a.m.)
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EAS SEMINARS

Monday, March 29, at 11:30 a.m. in CIVL 4251:

"The Nonhydrostatic Icosahedral Model." Dr. Alexander MacDonald, Deputy Assistant Administrator, NOAA Research, Director, NOAA's Earth System Research Laboratory

Monday, March 29, at 4 p.m. in CIVL 2201:

"Progress in Universality and Realism in Earth System Models." Dr. Alexander MacDonald, Deputy Assistant Administrator, NOAA Research, Director, NOAA's Earth System Research Laboratory

Refreshments at 3:30 p.m. in CIVL 2201

Thursday, April 1, at 3:30 p.m. in CIVL 2201:

"Planetary-Driven Migration in the Solar System." Dr. David Minton, Southwest Research Institute

Refreshments at 3 p.m. in CIVL 2201

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

OUR RECENT PUBLICATIONS

Flesch, L.M., and C. Kremer, 2010: Gravitational potential energy and regional stress and strain rate fields for continental plateaus: Examples from the central Andes and Colorado Plateau, *Tectonophysics*, **482**, 182-192.

RECENT PRESENTATIONS

James Ogg, "International Geologic Time Scale," BP-Houston, 11 March 2010.

James Ogg, Adam Lugowski and Felix Gradstein, "Earth History Visualization: The TimeScale Creator System and Datapacks," BP-Houston, 12 March 2010.

Shepardson, D.P., Soyung, C., Niyogi, D., and Charusombat, U. (2010). Bouncing and trapping the sun's rays: Seventh grade students' mental models

of the greenhouse effect. NARST Annual Meeting, Philadelphia, PA., March 22.

Soyung, C., and Shepardson, D.P. (2010) Seventh graders' concepts and ways of reasoning about the impact of global warming on tornados and hurricanes. NARST Annual Meeting, Philadelphia, PA., March 23.

Terry West presented an invited talk to the Lafayette Daybreak Club on March 25, 2010. The title of the presentation was, "The Recent Earthquakes in Haiti and Chile, Compare and Contrast." Thirty Rotarians were in attendance for the talk that was warmly received.

SIGMA XI RESEARCH AWARD WINNER

Jay Melosh, will be the recipient of the 2010 Sigma Xi Research Award. Dr. Melosh will be presented with his award at the Sigma Xi Annual Awards Banquet in the East and West Faculty Lounges of Purdue Memorial Union on April 8. Dr. Melosh is the first faculty member in EAS to receive this honor.

SCIENCE COMMENTARY

Jay Melosh's University of Arizona student, Lissa Ong, presented a paper on their joint work at the Lunar and Planetary Science Conference in Houston two weeks ago. *Science* magazine reporter Dick Kerr picked up her presentation as one of the five highlights of the conference. His [commentary](#) is published in the current issue of *Science* (*Science* vol. 327 p. 1449, 19 March 2010).

SUSTAINING NEW SYNERGIES INITIATIVES FORUM

On Monday, April 5, all faculty and staff are invited to attend a College of Science Brown Bag Forum on Sustaining New Synergies Initiatives from 12:00-1:00 p.m. in STEW 310. Al Diaz and Ken Sandel will give a 25-30 minute presentation about the current budget challenge and then those attending will have the opportunity to ask questions. All are encouraged to attend if you would like more clarity on the issues and possible solutions that the University is considering.

MARK YOUR CALENDARS!

Our CoS Distinguished Alumnus, Bill Landwer, will visit our department on April 16. There will be a reception at 1:15-1:30 p.m. and a seminar at 1:30-2:30 p.m. Both will be held in CIVL 2201.



HUBERT M. JAMES LECTURE

The Physics Department presents the *Hubert M. James Lecture* by Professor Alexander Pines. The lecture title: "Some recent developments in unconventional NMR and MRI." The lecture is Thursday, April 1, 4:30 p.m. in PHYS 114; Reception at 3:45-4:30 p.m. in PHYS 242. [Read more...](#)

EAS LIBRARY NEW BOOKS

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

INVITATION

The officers of the Oswego State Student Chapter of the American Meteorological Society (OSSCAMS) would like to formally invite you, your colleagues and your students to the first Great Lakes Atmospheric Science Symposium (GLASS). [Read more...](#)

WELLNESS SCREENINGS

Free wellness screenings, provided by WorkLife Programs and administered by the School of Nursing, are available on the West Lafayette campus. [Read more...](#)

REMINDER



Next month's EAS Hot Beverage Club \$20 payments are due on April 1 (or pay \$1 per cup). Please see Dee for more information.

GRADUATE STUDENT APPRECIATION WEEK

The Purdue Graduate Student Government (PGSG) would like to take time to recognize and encourage the hard work exhibited by every graduate student on campus. Join us from March 29th - April 2nd as we celebrate Graduate Student Appreciation Week!! A series of events are planned throughout the week, including seminars on job searching, CV prep, and more. Look for the fliers in the hallways for more details or contact Eric Robinson (edrobins@purdue.edu) for more information. See you there!

A NOTE FROM OUR ACADEMIC COUNSELOR

Registration News Fall - Summer 2010 Registration

Year	Start date/time – End date/time
Senior	March 29, 8 am – April 3, 12 pm
Junior	April 5, 8 am – April 10, 12 pm
Sophomore	April 12, 8 am – April 17, 12 pm
Current Freshman	April 19, 8 am – April 24, 12 pm
OPEN to all	April 26, 8 am - June 12, 12 pm

Know your Registration times, pre-requisites or other registration restrictions. PINs are provided after your registration appointment.

Calumet Campus Summer Registration

Representatives from the Calumet 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. North Central will be here next week.

Calumet	Thursday	April 1, 2010 11 a.m. to 4:30 p.m.
	Friday	April 2, 2010 9 a.m. to 2 p.m.

Urban Education Leaders Internship Program

The application deadline for the summer internship is Wednesday, March 31st. This program offers top undergraduate and graduate students the opportunity to conduct research and work on education policy projects. This is an intensive, multi-disciplinary program that runs a semester at a time throughout the year. [Information](#)

NSERL Position

Summer Internship with the USDA-ARS National Soil Erosion Research Laboratory (NSERL), Biogeochemistry Program. This is a full-time, summer appointment (Federal Pay Scale GS 1 Step1, \$9.74/hr), although if the student plans on taking a summer course at Purdue, a part-time appointment or schedule adjustments will be considered. [Read more...](#)

Purdue Summer Research Opportunities

The Purdue SROP has the goal of enhancing diversity in academic, government, and industry positions that require graduate degrees. The aim is to encourage talented undergraduates from social and economic backgrounds that are under-

represented in research careers to pursue graduate education, and to enhance their preparation for graduate study. This program involves intensive research experiences with faculty mentors. All qualified students, including but not limited to African American, Asian American, Hispanic American, and Native American, are encouraged to apply. Participants will be selected on the basis of their interest in pursuing a doctoral degree, relevant college coursework and grades, letters of recommendation, and their ability to contribute to the goal of the program. More information [here](#). Application Deadline: Priority consideration will be given to applications received by **April 1, 2010**.

2010 Pugwash Technology Conference

The 5th Annual Pugwash Conference Registration is now open. This year's conference is titled, "Our Technological Future: Problems, Perils, and Promises." It will be taking place on **APRIL 9TH AND 10TH** (Friday evening and Saturday) in the Purdue Memorial Union and Stewart Center.

General Description:

Our present civilization is unique in history: The tremendous complexity of our technology has redefined society. From interstates, highways (and suburbs), to fast food, from the internet (and social networking), to the explosion of consumer goods and advertising, modern technology has altered the fundamental composition of our culture. How will this shaping of society by technology and the corresponding creation of technology by society continue in the near and distant future? Can our civilization maintain its levels of complexity and resource consumption indefinitely?

As an attendee, you will receive: A conference t-shirt, a booklet with schedule and accompanying speaker and board biographies, **THREE FULL MEALS** in the Union South Ballroom catered by Purdue's dining services. In addition, the featured speaker, Howard Bloom, will have books available for purchase from Borders! Take a look at his works [here](#).

Also, you will have access to **UNLIMITED BOWLING AND BILLIARDS** at the Purdue Union's Rack'n'Roll! This year we have rented out the **ENTIRE** space for conference participants! Families are welcome for the entire conference and will be especially welcome at the social from 9-11 pm on Friday, April 9th. You can learn more about the conference and view the schedule [here](#). Direct link for [registration](#). Registration fees for nonmembers* are \$25. Upon opening the registration webpage, you will be prompted to pay the registration fee. Following this, you will then be allowed to choose your meal preferences, t-shirt size, and select which breakout sessions you would like to attend. If you have any questions, please contact: Autumn Rains, President, Purdue Student Pugwash, arains@purdue.edu.

**Existing Pugwash members: You have no registration fee as a registered member of Pugwash. However, you still need to register for the conference. To do this, go to the conference registration page (<http://www.conf.purdue.edu/pugwash/>) and print out the registration form. Fill out the form and drop it off at the Stewart Center Conferences Office (Room 116). Registration forms will also be available at all "Pugwash Presents" lecture series events!*

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>.



Recycle your writing utensils!



Please show your support and recycle your old worn-out pens, mechanical pencils, highlighters and markers with us. You can even bring them from home! (Please remember that refillable pens should be refilled.)

Purdue will receive money from the proceeds which will all be donated to the **Boiler Green Initiative student group!**

Please join us on April 22 in STEW 302 for a Guy-Brown and Purdue "Green Event" office show to kick this off!

Please just simply send your utensils to MMDC via campus mail. Simply address your campus envelope to *Pen Recycle Program at MMDC* and we will collect them.



We will also have some special recycle boxes located in various buildings all over campus!

Sharpie, ACCENT.
HIGHLIGHTER

Sharpie

EXPO

Paper♥Mate

Contributors to this cause are:



- ◇ Guy-Brown Products
- ◇ Purdue Recycling and Refuse
- ◇ Purdue Purchasing
- ◇ Purdue Materials Management and Distribution Services
- ◇ Terracycle www.terracycle.net



Thank you all for your support!

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