

October 22, 2007

## THE HEAD'S PERSPECTIVE

### IPCC, including Prof. Kevin Gurney, shares Nobel Peace Prize with Al Gore



The winners of the 2007 Nobel Peace Prize were recently announced. The recipients were former Vice President Al Gore and the Intergovernmental Panel on Climate Change (IPCC). The IPCC consists of about 2500 international climate scientists including Earth and Atmospheric Sciences Professor Kevin Gurney.

The fourth IPCC climate change assessment report, published this year, was based on recent computer modeling of global climate. Gurney... "contributed research results on linkages between climate change and carbon cycling to the most recent IPCC assessment." (Purdue University News Service story: <http://news.uns.purdue.edu/x/2007b/071016T-GurneyNobel.html>). Professor Gurney is also associate director of Purdue's Climate Change Research Center (PCCRC, <http://www.purdue.edu/climate/>). Congratulations Kevin!

## IT STAFF TO BEGIN HOLDING OFFICE HOURS

Starting October 25, and continuing each Thursday through the end of the semester, the EAS IT staff will hold open office hours from 10 a.m. until noon in CIVL 4252. An Information Technology Assistant will remain in the room to discuss any computing concerns or questions you may have.

## HAPPY BIRTHDAY!!!

Sonia Lasher-Trapp – October 22

Kathy Kincade – October 24



## UPCOMING MEETINGS

### \*\*TODAY\*\* Monday, October 22

- Primary Promotion Preliminary Working Meeting (full professors only), CIVL 2201 (12 p.m.)
- Primary Promotion Preliminary Working Meeting (associate and full professors), CIVL 2201 (1 p.m.)

## SEMINAR ANNOUNCEMENTS

### Thursday, October 25, at 3:30 p.m. in CIVL 1252:

"Determining and Understanding Patterns of Global Sea Level Change." Carl Wunsch, Massachusetts Institute of Technology

*Refreshments at 3 p.m. in CIVL 2201*

### Friday, October 26, at 10:30 a.m. in RHPH 164:

"Manned Spaceflight and the 2008 Hubble Mission." Andrew Feustal, NASA Astronaut Corps.

*Refreshments at 10 a.m. in CIVL 2201*

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

## OUR RECENT PUBLICATIONS

Nowack, R. L., W. P. Chen, U. Kruse and S. Dasgupta, 2007: Imaging offsets in the Moho: Synthetic Tests using Gaussian Beams with Teleseismic Waves, *Pure and Applied Geophysics*, **164**, 1921-1936, Doi-10.1007/s00024-007-0250-3.

## RECENT PRESENTATIONS

Prof. Larry Braille made a presentation on energy to a group of about 75 Purdue President's Council members at the annual "Back to Class" day on October 5<sup>th</sup>. It was an enthusiastic group and many questions and a lively discussion followed the presentation. The title and brief description of the presentation is given below:

*The Future of Energy – Fossil Fuels, Alternatives, Environmental Impact*

Energy consumption, supply and demand, and costs have been increasingly in the news in the past few years and are a major concern for the future, both nationally and globally. Increases in energy

consumption due to population growth and industrialization, and eventual depletion (or decrease) of fossil fuels require re-examination of our future energy strategy. Although there is no simple solution, a mix of conservation and energy efficiency, and use of traditional fossil fuels and alternative energy sources will be necessary for the next several decades. In addition, all energy sources are dependent on Earth resources and have environmental as well as economic impact. It's time for a balanced, thoughtful and proactive energy strategy for the future! We will review the current status of national and global energy consumption and analyze alternatives and strategies for the future in terms of available natural resources, economics, technological advancements, costs, and environmental impact, to suggest future energy strategies.

Angel A. Acosta-Colon was granted a travel/housing scholarship to attend and present his work at the National SACNAS Conference held in Kansas City, Missouri. He presented a talk entitled, "An Acoustic Lens System: Design and Applications in Geophysical Methods" in the geosciences division on October 12.

During 16-19 October 2007, Prof. Qianlai Zhuang delivered an Invited Keynote Speech to the conference, *Towards a process-based description of trace gas emissions in land surface models* in Helsingborg, Sweden. His presentation title was "Current issues in methane modeling".

Indrajeet Chaubey gave an invited presentation at the 10<sup>th</sup> Inter-Regional Conference on Water and Environment in New Delhi, India on October 19, 2007. The title of his talk was "Can Agricultural Production and Ecological Integrity Coexist? Experience from Agricultural Watersheds in USA".

#### **A NOTE FROM OUR ACADEMIC COUNSELOR**

##### **The FBI**

On **October 31** at 6:30 p.m. in STEW 218C, a Purdue Alum will talk about her experiences in getting hired and working for the FBI and the federal government.

#### **High Tech Job Fair**

Wednesday, **October 31**, in PMU Ballrooms, 10:30 a.m. - 4 p.m. Indiana companies that are filling full-time and internship positions. The full-time positions are for December 2007 or May or August 2008 graduates with BS, MS, or PhD degrees from Science, Agriculture, Engineering, Management, and Technology.

#### **Indiana Multicultural Job Fair**

Friday, **November 2**, 2007 from 10 a.m. - 3 p.m. Indiana Convention Center - Indianapolis. More information at: <http://www.jobfairs.iupui.edu/>.

#### **Global Opportunities Fair**

Friday, **November 2**, 2007 from 10 a.m. - 3 p.m. PMU North Ballroom. The Global Opportunities Fair is a free event open to all Purdue Students and Alumni interested in global work or study. Registration is required: <https://engineering.purdue.edu/GEP/ACIEE/globalfair.html>

#### **Chappelle Fellowship Workshop**

**October 24**, 2007, 3 p.m. – 4:30 p.m., Stew 218 A&B. The Charles C. Chappelle Fellowship provides a one-year fellowship for students with undergraduate degrees from Purdue for the furtherance of post-graduate research at Purdue University. The workshop will provide information on the materials that are needed and the resources that are available. There will be time at the end of the workshop for questions. The Fellowship provides an \$18,000 stipend for 12 months, an insurance supplement, and covers tuition and most fees. Differential fee is not covered. Go to: [https://ias.itap.purdue.edu/rgs/wgb\\_workshop\\_disp\\_online\\_workshop](https://ias.itap.purdue.edu/rgs/wgb_workshop_disp_online_workshop), scroll down to Chappelle Fellowship Workshop and click on register.

**October 24** is the last day to modify fall schedules.

Nancy



#### **ABOUT THIS NEWSLETTER:**

This weekly newsletter will be 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 department web site ([www.purdue.edu/eas/](http://www.purdue.edu/eas/)). 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 newsletter.

