

June 1, 2009

THE HEAD'S PERSPECTIVE

Congratulations to several of our faculty and students (or former students) for recent news features.

In the May/June Purdue Alumnus, in the "breakthroughs" section (the Purdue Alumnus can be accessed online at: <https://www.purduealum.org/default.aspx>):

Kevin Gurney - Carbon Dioxide emissions map released on Google Earth, p. 43 (in print copy)

Eric Calais - New Madrid fault system may be shutting down, p. 45 (in print copy)

Darryl Granger - 'Peking Man' older than thought, p. 46 (in print copy)

Also, Kevin Gurney's Vulcan work was featured on the May 19 PBS's *NewsHour with Jim Lehrer* in a program about coal ("Burning Issue").

And, Jeff Trapp and former EAS student Karen Kosiba were featured on *The Weather Channel* and the *USA Today* for their participation in the Vortex2 project (see the article on the back of this newsletter).

APPRECIATION

Thanks to Greg Chmiel for all of his hard work assisting in the department over the last 18 months. He accomplished a great deal in organizing and making repairs in the department. He moves on to a full-time position with the PRIME lab so you will still see him around campus!

*Thank You*

THESIS DEFENSE

Monday, June 15, at 9 a.m. in CIVL 2201:
"Aircraft-Based Measurements of the Carbon Footprint of Indianapolis." MS Defense for Kelly Ross, Advisor: Paul Shepson

RECENT PRESENTATIONS

Casey Kennedy presented a poster on Monday, April 29th, at the 9th Annual Intelligence Community Postdoctoral Research Fellowship Colloquium in Chantilly, Virginia. His talk was entitled, "Conceptual model of stable isotope ratios in human drinking water." The colloquium was also attended by his postdoctoral advisor, Gabe Bowen.

Terry R. West gave two presentations in May relative to the road construction problems on Lindberg Road adjacent to the Celery Bog in West Lafayette. The title of the talk is "Lessons Learned Through Evaluation of a Road Construction Failure in Compressible Soils, Lindberg Road Improvement Project, West Lafayette, Indiana." On May 7th the talk was presented to the "Friends of Celery Bog" at the Lilly Nature Center in West Lafayette. On May 19th the talk was presented in Chicago at the North Central Section meeting of the Association of Environmental and Engineering Geologists (AEG). Two EAS graduate students attended the meeting after visiting a geotechnical consulting company in the northern suburbs of the City, checking on research and employment opportunities.

Zhuang, Q., J. Tang, Y. Lu, K. Xu, X. Xiong, J. Melillo, R. Prinn, and A. D. McGuire, Evaluating Contributions of Wetland and Lake Emissions of Methane to Atmospheric Methane Concentrations with a Processed-Based Biogeochemistry Model and an Atmospheric Chemistry Transport Model and Satellite Retrieval Data in Northern High Latitudes, AGU Assembly, 24–27 May 2009, Toronto, Canada.

PURDUE SWEEP UP IN LARGEST TORNADO FIELD STUDY IN HISTORY

Purdue University researchers could improve tornado warnings and unveil trends in their occurrences as part of the largest tornado and storm field study in history.

A project led by Jeff Trapp, an associate professor of earth and atmospheric sciences, is part of the second Verification of the Origins of Rotation in Tornadoes Experiment, or VORTEX 2, field study. To read the full story, go to <http://www.purdue.edu/eas/> under Highlights.



Karen Kosiba, Andrew Arnold, Jeff Trapp, Jacob Carley, and Kevin Burris

HAPPY BIRTHDAY!!!

Saad Haq – June 1

Tricia Brooke – June 5

Melissa Guinn – June 5

Hersh Gilbert – June 16

Jennifer Haase – June 18



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>.

