



What's Up?

The EAS Weekly News

July 3, 2006

FROM OUR BUSINESS OFFICE

Recent Proposals

Huber, Matthew, Klimeck, Gerhard, Madhavan, Krishna, and Song, Xiaohio C.: CI-TEAM Implementation Project: GlobalHub--spanning Environmental and Cyberinfrastructure Microcosms. NSF – \$995,991

Huber, Matthew, Goasguen, Sebastien, Rochon, Gilbert L., and Zhao, Lan: Purdue Radar Information Integration System (PRIIS): an ECHO Based Platform for Radar and Weather Data Discovery, Access, and Integration. NASA – \$99,810

Gurney, Kevin R.: RCN Carbon Assimilation Network ("TARA"). NSF – \$500,087

Recent Awards

Bowen, Gabriel J.: A New Feedback on the Carbon Cycle Involving Clays and the Hydrologic Cycle and the Stabilization of Climate during the Paleocene-Eocene Thermal Maximum. Petroleum Research Fund/American Chemical Society – \$35,000

Flesch, Lucy M., Calais, Eric, and King, Scott D.: Collaborative Research: Quantifying the Dynamics of Asia using GPS, Geologic and Shear-wave Splitting Data, and Large-scale Flow Models. NSF – \$255,944

Michalski, Greg M., Joern, Brad C., and Niyogi, Devdutta S.: From Sources to Sinks - A Novel Isotopic Analysis of Nitrate Loading in Groundwater and Surface Runoff in Indiana Watersheds. Showalter Trust – \$75,000

PRF INTERNATIONAL TRAVEL GRANT AWARD

Lucy Flesch has been awarded a 2006 Purdue Research Foundation (PRF) International Travel Grant not to exceed \$1,000 for participation in the following internationally recognized activity: "MYRES II: Dynamics of the Lithosphere and Plate Boundaries" – July 2-6, 2006.

UPCOMING MEETINGS

Tuesday, July 11

- EAS Leadership Team, CIVL 2169A (11:00 a.m.)

Friday, July 14

- Development Committee Meeting, CIVL 2173 (8:30 a.m.)

Tuesday, July 25

- EAS Leadership Team, CIVL 2169A (11:00 a.m.)

Friday, July 28

- Development Committee Meeting, CIVL 2173 (8:30 a.m.)

RECENT PRESENTATIONS

Terry West was the luncheon speaker on June 28 for the High Twelve Club in Franklin, Indiana. The title of the talk was, "The Well Being of Indiana's Land, Water and Air." The talk outlined the present status of Air, Water and Land Concerns for the state. Twenty five members were present at the club meeting which is held on the fourth Wednesday of every month. This talk was requested through the Purdue University Speaker's Bureau with the request forwarded to the EAS Department to provide a speaker. Professor West was rewarded with a framed certificate from the Club to commemorate this presentation to their club.

SABBATICAL LEAVE OF ABSENCE

Staff members who have been on sabbatical leave of absence for part or all of the 2005-2006 year should submit a written report on their absence to their department head and dean. For more information, please consult the following web-site:

http://www.purdue.edu/policies/pages/human_resources/b_11.html.

NEW GSA FELLOW

William J. Zinsmeister, Professor, Department of Earth and Atmospheric Sciences, was recently elected to Fellowship in the Geological Society of America. He was one of 39 members elected to this position this year. GSA has about 19,000 members and only 14% of the membership have been elected to Fellow.

The following paragraphs are taken from the nominating letter for Dr. Zinsmeister provided by Dr. Terry R. West, his sponsor.

"William Zinsmeister is a well-respected member of the Department of Earth and Atmospheric Sciences at Purdue University. He was promoted to the rank Professor in 1991 and has been on the faculty since 1985. He is the primary paleontologist/biostratigrapher in the Department.

"He has extensive field experience, much of it conducted in the Arctic and Antarctic regions of the world. Bill has directed a number of excellent Ph.D. studies and is an excellent teacher.

"Dr. Zinsmeister has been active in the field of paleontology since 1975 when he began a Post Doctoral position at Ohio State University. After serving nine years as a research scientist at the Institute of Polar Studies, Ohio State University, he moved to Purdue University where he proceeded through the academic ranks and was promoted to Professor in 1991. Through the years he has continued his research related to polar studies.

"His curriculum vitae notes that he has more than 100 publications from 1970 until the current period. He has been an active member of the Geological Society of America for many years."

HUMBOLDT RESEARCH FELLOWSHIP

The Humboldt Research Fellowship Program supports highly qualified scientists and scholars of all nationalities and disciplines so that they may carry out long-term research projects in Germany. Fellowships are awarded on the basis of academic achievement, the quality and feasibility of the proposed research project, and the candidate's refereed publications.

Research Fellows may stay in Germany for 6 to 24 months for research. Applicants design their own research projects and select hosts at German institutions. Monthly stipends range from EUR 2,100 to 3,000 (~2,600 - ~3,800 US Dollars); allowances are available for accompanying family members, travel, and German language instruction. For more information see <http://www.humboldt-foundation.de/en/index.htm>.

DATA COLLECTION BEGINS ON SATELLITE OBSERVATORY PROJECT'S LATEST PHASE

The second phase of a Purdue University project that will collect data via satellite to make it easier for scientists to research everything from making our food safer to increasing the accuracy of weather forecasts debuted earlier this month.

The applied research from the Purdue Terrestrial Observatory, a real-time satellite remote sensing receiving station, will be used to develop initiatives directed toward homeland security, the environment and ecology, meteorology and climatology, and economic development.

The observatory is operated by the [Rosen Center for Advanced Computing](#), which is part of Information Technology at Purdue (ITaP). The Rosen Center, through its role in the grid-computing project TeraGrid, provides advanced computing resources and services to support computationally intensive research nationwide. It also operates the Envision Center for Data Perceptualization at Purdue.

The first phase of the Purdue Terrestrial Observatory project began operating 15 months ago and receives satellite imagery 24 hours a day, said observatory director **Gilbert Rochon**. [More](#)

AEG NEWS

Terry West attended the Midyear Board of Director's meeting for the Association of Environmental and Engineering Geologists (AEG) on June 1 to 5, in New Orleans, Louisiana. He serves as Vice President/President Elect of the 3100 member organization of professional geologists. During the meeting a one-day field investigation viewing the levees under construction and adjacent damaged areas of New Orleans plus the devastated coastal region of Mississippi was included. The French Quarter was only affected minimally by Hurricane Katrina (highest elevation in the area) but much of the city is in extremely bad condition.

GRADUATE STUDENT NEWS

Vickie Poole successfully defended her Ph.D. dissertation titled, "Performance of Constructed Wetlands in Urban and Agricultural Settings" on Friday, June 23.



NEW FORM C-1 AND/OR FORM 32A

All disclosures of financial interest, requests for permission to engage in outside activities, and conflict of interest disclosures approved for 2005-2006 expire at the close of the fiscal year, June 30. If the financial interest and/or activity will continue in 2006-2007, a new Form C-1 and/or Form 32A (if applicable) should be submitted. Form C-1 should also be submitted for each new financial interest held by an employee, their spouse, or their dependent children in a University contract, procurement of goods or services, loan or investment. A new Form 32A and Form C-1 (if applicable) should also be submitted for each new outside activity. For more information, please consult the following websites: http://www.purdue.edu/policies/pages/human_resources/c_39.html and http://www.purdue.edu/policies/pages/human_resources/c_1.html.

HAPPY BIRTHDAY!!!

Melissa Guinn – June 5 (belated)
Steve Smith – July 7
Andy Freed – July 8
Alex Gluhovsky – July 13
Lana Rice – July 17
Noah Diffenbaugh – July 23
Bill Hinze – July 26



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/). 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.

