

January 29, 2007

RECENT PRESENTATIONS

The following papers/poster sessions were presented at the 2007 AMS Annual Meeting, 14-18 January, in San Antonio, Texas:

Mariya Petrenko, M. Chin, T. Diehl, T. Kucsera, and A. J. Soja: *Estimating carbonaceous aerosol emissions from fires in boreal forests of North America in July 2004*, January 15 (poster session).

Noah S. Diffenbaugh, J. Pal, **R. J. Trapp**, and F. Giorgi: *Fine-scale processes regulate the response of extreme events to global climate change*, January 16 (paper).

Michael E. Baldwin, and **R. J. Trapp**: *Object-oriented analysis of precipitation systems in NCEP Stage II analyses*, January 16 (paper).

Alexander Gluhovsky, and **E. Agee**: *Reliable statistical inference for weather and climate*, January 17 (paper).

Anil Kumar, F. Chen, **D. Niyogi**, K. Manning, M. Ek, and K. Mitchell: *Impact of canopy resistance formulation on the long-term evolution of soil moisture and evaporation*, January 17 (paper).

Wen-Wen Tung, M. W. Moncrieff and H. M. Hsu: *Indian Summer Monsoon Energetics in the NCAR NRCM*, January 17 (paper).

Ernest Agee, **B. MacCall**, and **A. Gluhovsky**: *Large eddy simulation of coherent structures in cold air outbreaks*. (This paper was not presented; due to severe weather, the presenter was unable to attend.)

Joseph G. Alfieri, and **D. Niyogi**, P. D. Blanken, M. A. LeMone, and F. Chen: *The role of precipitation in the coupling of the land surface with the atmosphere*, January 17 (poster session).

Robert J. Trapp, **B. A. Halvorson**, **N. S. Diffenbaugh**, and **M. E. Baldwin**: *Severe convective storms in past and future climates using a scale-spanning, multiple-model approach*, January 17 (poster session).

Hsin-I Chang, **A. Kumar**, **D. Niyogi**, U. C. Mohanty, F. Chen, and J. Dudhia: *Impact of physical parameterization and land use land cover change on the simulation of the July 26, 2005 heavy rain event over Mumbai, India*, January 18 (paper).

Margaret A. LeMone, F. Chen, M. Tewari, J. G. Alfieri, and **D. Niyogi**: *A method to describe horizontal variability of daytime Sensible and Latent Heat Flux*, January 18 (paper).

UPCOMING MEETINGS

Monday, January 29

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

Friday, February 2

- High Performance Computing Committee, CIVL 2201 (3 p.m.)

SEMINARS

For information on future seminars and meetings, see the EAS Seminars and Events [calendar](#).

WELCOME

We would like to welcome Dr. Jicheng He to our department as Visiting Scholar at the Ecosystems and Biogeochemical Dynamics Laboratory. Dr. He is from the Institute of Tibetan Plateau Research, Chinese Academy of Sciences. During his three-month visit, Dr. He will work with Professor Zhuang and his lab members to study dynamics of ecosystems and carbon cycling at the Tibetan Plateau.

STORM CHASING

The Discovery Channel is supporting a science project and filming a documentary about storm chasing this spring. We are looking for students interested in storm chasing to join our team as on-camera scientists and crew. Candidates must be available 15 April through 15 June. Meteorology students and other students with strong science backgrounds are encouraged to apply and should be comfortable appearing and speaking on TV. Women and minorities are encouraged strongly to apply. All traveling and living expenses, as well as stipend, are provided. Please send a cover letter, resume and a photograph to stormchasing2007@gmail.com.

A NOTE FROM OUR ACADEMIC COUNSELOR

Summer Undergraduate Research Opportunities CIC Summer Research Opportunities Program

The Committee on Institutional Cooperation is currently accepting applications for the 2007 CIC Summer Research Opportunities Program (SROP). This undergraduate research program is open to

sophomores, juniors and seniors with a 3.0 GPA who are currently enrolled in a U.S. institution of higher education. SROP is intended to promote access to graduate education for students from groups underrepresented in graduate education. In addition to travel, room, board, and research support, participants receive a stipend of at least \$3,000. Details about SROP and the web-based application process are available at the program website (Deadline: **February 10, 2007**) <http://www.cic.uiuc.edu/programs/srop>.

Summer Undergraduate Program in Engineering Research at Berkeley (SUPERB)

The goal of the Summer Undergraduate Program in Engineering Research at Berkeley (SUPERB) is to provide research opportunities in engineering to students who have been historically underrepresented in the field for reasons of social, cultural, educational or economic barriers. The program provides students with the opportunity to gain research experience by participating in research projects with engineering faculty and graduate students. Upon completion of this program students will be better prepared and motivated to attend graduate school.

SUPERB features regular workshops and seminars on the nature of academic life, standardized test preparation, writing and research skills, and graduate school applications. Informal meetings and social events with faculty and graduate students are also offered. This is an eight-week program and the deadline is **January 31, 2007**. Visit: <http://www.coe.berkeley.edu/cues/superb/application.html> or <http://www.eecs.berkeley.edu/Programs/ugrad/superb/superb.html>.

Incorporated Research Institutions for Seismology

IRIS (NSF funded) is looking for summer research interns. All the information is online at <http://www.iris.edu/internship/apply>. Sophomores and juniors with an interest in working with geophysical data are strongly encouraged to apply. Weekly stipend and funding for travel and other related expenses. Deadline is **February 15, 2007**.

Keck Geology Consortium

Keck Geology Consortium (NSF funded) has several projects open to undergraduate students, including projects in St. Croix, the Swiss Alps, and other interesting locations. View the projects and apply online at <http://keck.wooster.edu/>. Deadline: **February 2, 2007**.

Other Opportunities

Peace Corps Questions?

Peace Corps alum, Cliff Johnson, will be on campus next month with an Information Meeting to be held at 6 p.m. on February 12 in LWSN B155. If you need his email or other contact information, let me know.

Scholarship

The Purdue Class of 1937 Scholarship application is now available. Paper copies can be found at the BBC, Dean of Students, Purdue Student Government office in STEW, or go online to http://www.purdue.edu/odos/sao/awards/class_of_1937_scholarships.htm. **Note for online applicants:** You don't need Part 2 of the Application; Part 1 has everything you need. You do need a cumulative GPA of 2.00 or higher, be a sophomore, junior, or senior next year and have leadership experience. It's due **February 15, 2007**.

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/). 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.

