AMS STUDENT CONFERENCE AND RECRUITMENT EVENT

EAS had a record number (15) of undergraduates attend and present posters at the AMS Annual Meeting Student Conference. Purdue ranked second in student attendees, despite several institutions having much larger undergraduate Atmospheric Science programs. Of the 99 student posters presented, 5 were presented by Purdue undergraduates (see list included in this newsletter), including three sophomores (Daniel Burgin, Alyssa Hendricks and Shane Hinkle) from our new laboratory course EAS 226 Introduction to Atmospheric Science Research, taught this past fall by Profs. Lasher-Trapp and Baldwin. Faculty from other institutions attending the poster session were very impressed by the level of research our sophomore-level students have performed. Numerous seniors (Kathryn Demchak, Brian Doogs, Meghan Henschen, Brittany Herrholtz, Joshua Holland, Aaron Hurley, Tim Lucko, Lacey Rhudy, Matthew Rudkin, Shadya Sanders, Kevin Van Leer and August Veron) presented posters on the two research projects from their Observations and Measurements course (EAS 535) under the guidance of Dr. Min. These presentations even resulted in a potential new collaboration with the USDA on the wind farm project. Kevin Van Leer also presented his research poster from his participation in a REU program last summer.

All of this excitement regarding the student research and presentations also generated interest in our graduate student recruitment booth. Over 25 prospective students signed up to receive information for starting graduate school in Fall 2012, or to talk with Profs. Lasher-Trapp, Baldwin and Vincent about our graduate programs. Faculty and AMS staff (including the AMS President) came by the Purdue recruitment table to remark on the excellent Purdue undergraduate student attendance, and how well-mannered and articulate our students are. Others also remarked upon the impressive upward trajectory we are on in EAS at Purdue!

EAS had over 40 alumni and friends attending the Alumni Reception on Tuesday evening, mingling with some of our students presenting at the student conference, as well as Profs. Vincent, Baldwin and Lasher-Trapp, and some prospective graduate students. Despite the televised loss in basketball to Ohio State 😞, all had a good time catching up with friends old and new. Department highlights from the past year were announced, as well as the new ATMS Spring Break research project, the new Study Abroad program with the University of Leeds, and the status of the EAS Founders Endowment Scholarship Fund. (See photos.)

EAS SEMINAR

Thursday, February 3, at 3:30 p.m. in CIVL 1252:
“Gradients, Boundaries, and Anomalies: Mapping Sources and Transport of Water in the Earth System Using Isoscapes.” Gabe Bowen, EAS, Purdue

Refreshments at 3 p.m. in CIVL 2201
For more information, see the EAS online calendar.

OUR RECENT PUBLICATIONS


RECENT PRESENTATIONS

Several of our faculty and students presented at the AMS Annual Meeting, January 23-27 in Seattle, Washington. Click here to see the list of presentations.

EAS LIBRARY’S NEWEST BOOKS

Click here to see a list of new books in the EAS library in the last two weeks.
FROM OUR BUSINESS OFFICE

New Travel Form

A revised Form 17 is now available on the EAS Business Office web site. Go to http://www.purdue.edu/eas/business/index.php and click on Travel Authorization Request.

HELPING STUDENTS LEARN AWARD

Each year the Class of 1922 alumni sponsor an award for Outstanding Innovation in Helping Students Learn. Faculty, administrative/professional staff, and graduate students are eligible for consideration for this $6,000 award. The deadline for submitting nominations for the Helping Students Learn Award is 5 pm, Friday, February 25th.

The information about this award, along with the cover sheet which must accompany nominations, can be found here. Information can also be found at the Provost Website at http://www.purdue.edu/provost/shtml/faculty/awards.html.

DEPARTMENT OF THE ARMY

Vacancy Announcement

Opening Date: January 21, 2011
Closing Date: February 03, 2011
Position: Meteorologist; Physical Scientist
Annual Salary: $31,946 - $91,252; Read more...

A NOTE FROM OUR ACADEMIC COUNSELOR

Purdue Air & Waste Management Association (Pawma) Invites You to Our Spring 2011 Call-out
February 3, 2011, 6pm – 7pm in CIVL 2123

“Please come Thursday night this week for our Spring Call-out. There will be free sandwiches, salad, and sweets from Panera Bread. To be a part of this organization will not only help enhance your resume, but give you opportunities to network with many other professionals working to build a sustainable environment. We encourage all majors to join. If you have any questions or are interested in coming, please email Muriel Nacar at nacarm@purdue.edu. Thank you. Muriel Nacar, PAWMA President.”

Patent Law Career Opportunities for Science and Engineering Students

Thursday, February 3, 5:30pm-6:30pm ARMS 1021. This is a question and answer session to help students who are considering or want to learn what is available in this area. “Many science and engineering students never even consider law school, and even fewer still understand the opportunities that exist for them in the area of patent law.” See the flyer at the end of the Newsletter for more information.

International Students’ Geological Conference

"Dear Colleagues,

I would like to inform you that our friends from Latvia have undertaken the difficult task of organizing the 2nd International Students’ Geological Conference. It will take place between 28 April and 1 May 2011 near Sigulda, Latvia. We all encourage you to take part in it and we are thankful to all the organizers of the 2nd International Students’ Conference that they will be hosting it this year. If you are interested, please have a look at the official site of the conference: http://www.lu.lv/sgc2011/eng. Best regards, Organizing Committee of the 1st International Students’ Geological Conference."

Start of registration: 3 January 2011
Deadline for submission of abstracts: 14 February 2011
Notifying of acceptance of abstracts: 4 March 2011
Deadline for payment of the field trip and registration fees: 25 February 2011

An EAS student attended last year and states, "The price for the conference is very small (like $40 for the whole thing). If a student goes and presents their research, then there is no cost to attend (other than the obvious plane ticket). It's a great chance to go abroad and show off your work, along with making new friends in the field of geology from all over the world. Plus, Latvia is a really neat country and everything is very cheap there. If anyone has any questions, please direct them to me!"

New Scholarship for Study Abroad

There is a new scholarship available for students in certain study abroad programs. The “Provost’s Global Scholarship” will be $1000 awards administered through the Study Abroad Office. The students eligible to apply include those participating on summer programs led by faculty members and also semester student exchange programs. Awards will be based on financial need in conjunction with the Purdue Division of Financial Aid. Summer program leaders have previously been notified about this opportunity. Student applicants will be alerted as well when they apply for the program. The Study Abroad website lists information about the Provost’s Global Scholarships as well as details about other Study Abroad scholarships. A separate webpage about Financial Aid is also available. March 1 is the deadline for travel grants for summer and fall.

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/info_tech/index.php.

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.
Student Q & A Session by

Professor John R. Schaibley, III
Executive Director
Center for Intellectual Property Law and Innovation
Indiana University School of Law--Indianapolis

Thursday, February 3rd
5:30pm-6:30pm
ARMS 1021

“Patent law career opportunities for science and engineering students”

Abstract:
One early objective of the IP Center is to enhance the already strong patent law program by taking steps to increase the number of students with science and engineering degrees who apply to our law school. Many science and engineering students never even consider law school, and even fewer still understand the opportunities that exist for them in the area of patent law. Once science and engineering students are educated regarding the benefits of a career in the patent profession through active and targeted recruiting by the Law School, a far larger number of them will pursue that career path.

Professor Schaibley is enthusiastic about the IP Center, which has a focus on patent law and the life sciences, but is also active in other IP areas, including trademark, copyright, and right of publicity law. The primary mission of the IP Center is promoting student IP education and scholarship and increasing the number of JD graduates with a strong foundation in intellectual property law.

Bio:
In January 2010, Professor John R. Schaibley, III became the Executive Director of the Center for Intellectual Property Law and Innovation at the Indiana University School of Law – Indianapolis.

Professor Schaibley has more than 25 years of litigation experience, concentrating on intellectual property cases. His focus included patent litigation, including infringement and licensing disputes, as well as complex breach of contract actions and arbitrations involving advanced technology issues. He also has extensive experience with trademarks, copyrights, trade regulation, administrative law and environmental litigation. He has worked with major corporations in the medical device, pharmaceutical, electronics and other industries while representing clients in federal and state courts.

A graduate of Purdue University (B.A., 1975), Schaibley graduated first in his law school class, summa cum laude, at the Indiana University Maurer School of Law (J.D 1981). Professor Schaibley served as a law clerk at all three levels of the federal judiciary, including clerking for Justice Stevens at the U.S. Supreme Court. His many awards include Indiana University's Edwards Fellowship and the American College of Trial Lawyers Medal for Excellence in Advocacy. He was most recently honored as one of “The Best Lawyers in America” in the category of Bet-the-Company Litigation for 2010.
Operational Meteorology Internship

Successful applicants will be given extensive training followed by the opportunity to assist in operational forecasting. AccuWeather's challenging and exciting atmosphere presents a tremendous learning experience where you will work on a team with some of the best forecasters in the world at AccuWeather's Global Headquarters.

This PAID internship is available from May to August 2011 in State College, PA and would be approximately 35 to 40 hours per week working side-by-side, as part of a team, with our meteorologists. The candidate will be given extensive training, followed by the opportunity to assist in forecasting. In addition, the candidate will have an opportunity to work with expert meteorologists to better learn how to forecast for different geographic regions across the United States and around the world. Undergraduate students currently majoring in Meteorology or Atmospheric Science with a focus in forecasting will be considered.

Interested students should submit an application by **February 11, 2011**

Interviews will be conducted **February 24-25, 2011**

For additional information, contact meteo_hire@accuweather.com (Subject line: “Forecasting Internship”)

**How to Apply**

Go to [www.accuweather.com/careers](http://www.accuweather.com/careers) and click on Career Opportunities, then click on Internship to submit your cover letter and resume.

Preference for internships will be given to those preparing to enter their Junior or Senior year. Please clearly indicate your current class standing on your cover letter and/or resume.
The National Weather Service in Wilmington, Ohio is accepting applications for Summer Volunteer Opportunities.

An opportunity to become exposed to NWS operations and gain experience in working at a premier forecast office with forecast and warning responsibility for southwest and central Ohio, southeast Indiana, and northern Kentucky.

Applications accepted through March 15th, 2011

Highly motivated and interested applicants are asked to send a resume and cover letter as attachments via email to Seth Binau (seth.binau@noaa.gov), Science and Operations Officer at the Wilmington NWS.

Target audience for these volunteer positions will be junior and senior college undergraduate students with an interest in operational meteorology who may also be considering the NWS for future employment.

The volunteers will be given hands-on experience with numerous NWS Weather Forecast Office functions and duties, including radiosonde releases, small projects, an introduction to the NWS organizational structure, observing and limited participation in severe weather events, and forecasting exercises, all while working alongside our team of meteorologists.

Emphasis will be placed on providing experiences and guidance to make the volunteer student more marketable for future NWS employment.

This is not a paid position. Schedules of work hours will be set based on individual needs to fulfill class credits, and/or to align with student’s other summer work schedules and activities. There is much flexibility in the program, and a target of 8-10 hours a week is preferred.

Apply today to broaden your experience in operational meteorology with the NWS in Wilmington, Ohio!