UPCOMING EAPS MEETINGS

SPRING 2015 FINAL EXAMS
May 4th - 9th, 2015

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COLLEGE OF SCIENCE COMMENCEMENT DATE
Elliott Hall of Music
May 17, 2015
2:30 PM

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SPRING FLING
Córdova Recreational Sports Center
May 21, 2015
(Business office/Main office will be closed from 12:00-5:00 PM)

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FALL 2015 FACULTY & STAFF RETREAT
Beck Agricultural Center
(Room 111)
August 19, 2015
8:30 AM - 4:00 PM

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FALL WELCOME BACK PICNIC
Happy Hollow Park
Shelter #4
August 20, 2015
4:00 PM - 7:00 PM

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PUBLICATIONS

EAPS COLLOQUIA
Paul Schmid
PhD candidate
"Urban Precipitation Effects: Modeling the LaPorte Anomaly Past and Present"
Tuesday, April 28, 2015 at 4:00 PM
HAMP 2201

EAPS NEWS
CONGRATULATIONS TO EAPS DISTINGUISHED SCIENCE ALUMNI RECIPIENT - RICK KNABB
(BS’90 Atmospheric Science, Purdue University)

Dr. Rick Knabb is the director of National Oceans and Atmospheric Administration’s National Hurricane Center in Miami.

Knabb was a research meteorologist and lead forecaster at the Mauna Kea Weather Center from 1999-2001. He joined Risk Management Solutions, Inc., in Newark, California, in 2001 as an assistant product manager for Weather Risk. He later joined NOAA’s National Hurricane Center as the science and operations officer, which is where he was named a senior hurricane specialist in 2005.

In 2008, Knabb became the Deputy Director of NOAA’s Central Pacific Hurricane Center in Honolulu. He served in that capacity until 2010, when he joined The Weather Channel in Atlanta as its on-air hurricane expert and tropical science program manager. He rejoined NOAA’s National Hurricane Center in June 2012 as its director.

For NHC, Knabb has provided new products and services such as a stronger emphasis on individual hazards like the potential storm surge flooding graphic and the storm surge watch/warning graphic. He continues to work closely with emergency managers, media partners and the international community. Knabb is a member of the American Meteorological Society.

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SCI 360 ON NATIONAL PUBLIC RADIO (NPR)

SCI 360 (co-taught by Dr. Timothy Filley and Megan Sapp Nelson) is on National Public Radio (NPR) all tech considered.
Please follow the link: http://goo.gl/5x4kVw
BUSINESS OFFICE DAY OF GIVING
(Voluntary & Confidential)

Here is a fun initiative that the Cluster Managers are sponsoring to encourage gifts to the Eleanor Kaplan Customer Service Award Fund as part of the Purdue Day of Giving. There are two ways to give. Gifts of any amount are welcome! Giving is voluntary and absolutely confidential.

WHAT IS IT ALL ABOUT?
The Business Management Cluster Managers are teaming up with the Purdue Day of Giving initiative and challenging business office staff across the campus that have a desire to do so to help support the Eleanor Kaplan Customer Service Award gift fund.

WHY IS YOUR HELP NEEDED?
The Eleanor Kaplan Award is not endowment funded and continues to exist only through the generous support of donors. We want to build up the size of this fund so we can continue to reward our staff for excellence in customer service. This year, the award amounts were increased from $100 to $250. By raising additional money for this fund, we can ensure those increased levels can continue and perhaps even increase more!

HOW CAN YOU HELP?
Give a one-time gift of any amount ($10.00 minimum) via the Purdue Day of Giving website on Wed, April 29, 2015. Please just be sure to designate your gift to the Eleanor O. Kaplan Service Award, Fund 51010003.

Take advantage of the ease and convenience of a gift made via monthly payroll deduction. This makes giving even easier by spreading it out over a period of months or, even better – you can set up a recurring payroll deduction gift that keeps on supporting the Eleanor Kaplan Fund until you decide to end it. To give via Payroll Deduction and have your gift count towards the Purdue Day of Giving, just follow two easy steps.

1) Fill out the Purdue Day of Giving Payroll Deduction Request Form (attached to this message) and send it to Dauch Alumni Center per the instructions on the form.
2) Then complete your gift by logging onto the portal under Employee Self Service and select the “Payroll Deduction Giving” link. Click “New Deduction” and then fill in the amount you would like deducted from each paycheck and choose the Kaplan Award for Business Admi as the designation area. There is a QRC on that page if you need help.

https://dayofgiving.purdue.edu/social-feeds

UNDERGRADUATE AND GRADUATE STUDENT INFORMATION

RESEARCH ASSOCIATE SPC JOB ANNOUNCEMENT

The Cooperative Institute for Mesoscale Meteorological Studies (CIMMS) at The University of Oklahoma (OU) is currently looking for a Research Associate to provide scientific and meteorological expertise, and technical support for the development of advanced mesoscale hazardous weather analysis, prediction, and verification techniques. A key focus will be information extraction and verification of convection-allowing models for severe wind forecasting. The position will be based at the Storm Prediction Center (SPC) in Norman, OK within the National Weather Center (NWC), a highly collaborative forecasting, research and academic environment containing a number of NOAA and OU organizations. The incumbent will work directly with development meteorologists and operational forecasters at the SPC and NOAA and academic scientists in the NOAA Hazardous Weather Testbed (HWT).

The principal duties of this position are:

1. Inspect convection-allowing model simulations to formulate diagnostic variables for identifying severe-wind-producing mesoscale convective systems (MCSs).
2. Perform verification to assess skill of convection-allowing model and ensemble forecasts for severe-wind-producing MCSs.
3. Contribute to HWT experiments in testing and evaluating guidance and products central to SPC core mission requirements of hazardous mesoscale weather.
4. As needed, represent CIMMS/SPC by contributing to scientific publications and attending off-site conferences, workshops, symposia and hazardous-weather-related outreach events.
5. Perform related duties as assigned.

The minimum qualifications for the position are:

1. A Master’s Degree in Meteorology, Atmospheric Science, or related area.
2. Emphasis will be placed on applicants with knowledge and experience in areas of severe storms meteorology, numerical weather prediction models/ensemble systems including convection-allowing models, and application of statistical techniques for forecast verification.

The beginning salary will be $45,000 per year with University of Oklahoma benefits. Information on University benefits may be found at http://goo.gl/RYDdpr

To apply for the position, please forward your resume, cover letter and list of three references to: Tracy Reinke, Executive Director, Finance and Operations University of Oklahoma CIMMS 120 David L. Boren Blvd., Suite 2100 Norman, OK 73072-7304 treinke@ou.edu
FALL AND SUMMER 2015 REGISTRATION

Open registration (open to all) will begin April 27th.

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INTERDISCIPLINARY RESEARCH EXPERIENCE
(DURI - Fall, Spring, Summer)

WHAT ARE THE BENEFITS?
*Engage in cutting edge interdisciplinary projects at Discovery Park
*Gain valuable skills and knowledge for a possible career in research
*Receive a scholarship each participating term

HOW DO YOU QUALIFY?
*Must be at least a sophomore
*Minimum 3.0 GPA

HOW DO YOU APPLY?
*For more information go to: www.purdue.edu/dp/learningcenter
*Login through the DURI page to apply for any of these programs at: www.purdue.edu/dp/duri

If you have any questions, please contact: AMY CHILDRESS 765.496.3590 | childres@purdue.edu

OTHER NEWS

PROCEDURES FOR PROGRAMS INVOLVING MINORS TO TAKE EFFECT
MAY 1, 2015

The Operating Procedures for Programs Involving Minors announced in January take effect for all programs that begin on or after May 1. The procedures are part of the University's continuing efforts to provide a safe and secure environment for faculty, staff, students and visitors.

The steps, as outlined in the procedures, require sponsors of programs that include minors as participants to register their program with the University. As part of the registration, sponsors must certify that the program staff has undergone background checks and received training and that minimum safety provisions have been met.

This process of registration and certification serves a twofold purpose. First, it affords the University the opportunity to better communicate to sponsors of programs that involve minors what is expected of them, and second, it provides the University with a better understanding of the programming offered to minors by the University and by sponsors who use its facilities.

All colleges, schools, departments, offices and other units of the University are required to follow the procedures. Third parties who host a program on University-owned property also are required to follow the procedures. Exclusions to the procedures are as follows:

* Performances or events open to the general public and not targeted to minors (e.g., varsity athletic events, concerts, plays, etc.)
* Regularly scheduled classes, including dual-credit courses, or activities designed primarily for enrolled students of the University.
* Student recruitment activities, including open houses and admissions visits and tours, that are scheduled to last no longer than one day and do not include an overnight stay.
* National tests offered by a University testing center.
* Programs for which a recognized student organization is the sponsor.

Questions about the procedures may be sent to policies@purdue.edu.

IMPORTANT NOTICE ABOUT THIS NEWSLETTER

This newsletter is 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 EAPS 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 Fallon McQuern (fmcquern@purdue.edu) by 5:00pm on Thursday 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 EAPS 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, etc., see our departmental calendar at http://calendar.science.purdue.edu/eas/seminars.
Urban Precipitation Effects:
Modeling the LaPorte Anomaly Past and Present

Paul Schmid
PhD Candidate

The “LaPorte Anomaly” refers to a region of anomalously high precipitation downwind of Chicago. First studied in the 1960s, it represents the major observation of urban rainfall modification. This presentation will cover the observational history of the anomaly and its causes. The anomaly is caused by a combination of land-surface effects via the urban-rural boundary, and aerosol-cloud-interaction. Using the RAMS model, optimized for urban weather modeling, this presentation will demonstrate the specific features of the LaPorte anomaly: both land-surface and aerosol. The results are pertinent not only to the Chicago area, but to similar precipitation trends in many other urban areas. They will serve to advise weather forecasters and urban planners as the human population becomes increasingly urbanized.

Tuesday, April 28, 2015
4:00 p.m.
Room 2201 HAMP

Refreshments at 3:30 pm
Room 2201/HAMP
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HOW CAN WE MAKE THIS CHALLENGE EVEN MORE FUN?
• Please publicize this challenge within each of your business offices and encourage all business office staff to participate if they believe in the Kaplan award and are able to do so. Even if someone can only give a small gift, it will be a tremendous help! Giving of course is totally voluntary and confidential. No one will know if you gave or the amount of your gift.
• We win one of the university wide bonus buck contests for most donations in any one-hour timespan or for our unit leading in overall donations or overall percent of participation. If you will be using the Purdue Day of Giving website to give your one-time gift on April 29th, please try to go on-line between 9 – 10 a.m. so we can try to win the hourly award. If you can’t do that, give anytime that day – the important thing is to GIVE.
• Use Social Media Feeds to spread the word of how you support this cause and encourage others to support it as well. See the social feeds page on the Day of Giving website for more info and get out there and Tweet, Facebook, and Instagram to spread the word! https://dayofgiving.purdue.edu/social-feeds/

IF YOU HAVE ANY QUESTIONS, PLEASE CALL OR E-MAIL ONE OF THE CLUSTER MANAGERS – TAMMY EMILSON, DEB CESSNA, ANGIE DELWORTH, KRISTI MICKLE, OR KRISTI HARTWICK. THANK YOU!
I would like to make a payroll deduction pledge to Purdue University.

PAYROLL DEDUCTION REQUEST

Employee Name: ____________________________________________________________

I authorize $__________ to be deducted from each of my (circle one) bi-weekly or monthly paychecks and designated as follows:

Giving Designations (minimum of $1.00 per designation per pay):

$ _________ Designation: ________________________________________________________
$ _________ Designation: ________________________________________________________
$ _________ Designation: ________________________________________________________
$ _________ Designation: ________________________________________________________

Please check one of the following:

☐ I am a new payroll donor  ☐ This is in addition to current deductions  ☐ This replaces current deductions

My PUID is: __ __ __ __ __ - __ __ __ __ (please enter if known)

Home Address: ______________________________________________________________

_______________________________________________________________

Home Telephone: __________________________________________________________

Position Title: _____________________________________________________________

Department/Building: ______________________________________________________

Office Telephone: __________________________________________________________

Preferred E-mail: __________________________________________________________

Signature:______________________________________________________ Date:____________

For PRF Employees: deductions begin the first pay period after this form is processed (please allow 2 weeks) and continue until you notify PRF Payroll of a change and it is processed (please allow 2 weeks).

For Purdue Employees: an email will be sent to confirm your pledge and instructions on how to complete your payroll pledge through SAP.

A year of your payroll deduction pledge will count towards Purdue Day of Giving 2015.

Prior to Apr 27:
Dauch Alumni Center
Attn: Angela Buckles
403 W. Wood St
West Lafayette, IN 47907

April 27-29:
PDOGgifts@prf.org
Research Associate SPC

The Cooperative Institute for Mesoscale Meteorological Studies (CIMMS) at The University of Oklahoma (OU) is currently looking for a Research Associate to provide scientific and meteorological expertise, and technical support for the development of advanced mesoscale hazardous weather analysis, prediction, and verification techniques. A key focus will be information extraction and verification of convection-allowing models for severe wind forecasting. The position will be based at the Storm Prediction Center (SPC) in Norman, OK within the National Weather Center (NWC), a highly collaborative forecasting, research and academic environment containing a number of NOAA and OU organizations. The incumbent will work directly with development meteorologists and operational forecasters at the SPC and NOAA and academic scientists in the NOAA Hazardous Weather Testbed (HWT).

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Applicants should identify experience in software development including programming and scripting languages, numerical weather prediction, web page development, graphic design/visualization, and Linux (UNIX) environments, including AWIPS2/N-AWIPS systems. Excellent oral and written communication skills are highly desired.

Normal working hours will be observed except for occasional irregular hours during data collection, warning/forecast experiments or workshops conducted at remote sites. General supervision will be provided by CIMMS staff with technical oversight provided by SPC management. The incumbent works under general supervision, but is expected to work independently and determine action to be taken in handling all but unusual situations.

The beginning salary will be $45,000 per year with University of Oklahoma benefits. Information on University benefits may be found at http://www.hr.ou.edu/employment/WorkingatOU.asp.

To apply for the position, please forward your resume, cover letter and list of three references to:

Tracy Reinke, Executive Director, Finance and Operations
University of Oklahoma CIMMS
120 David L. Boren Blvd., Suite 2100
Norman, OK 73072-7304
treinke@ou.edu
Attn: SPC R2O

The University of Oklahoma is an Equal Opportunity/Affirmative Action employer.