The Weekly News

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November 26, 2012

Upcoming MEETINGS

Monday, November 26, 1:00-2:00, HAMP 2201
Gold Team Meeting

Monday, November 26, 1:30, HAMP 2173
Graduate Committee Meeting

EAPS WEATHER BRIEFING MEETING
Every Monday, Wednesday & Friday,
1:00 pm, HAMP 4173

EAPS DEFENSES

Tuesday, November 27, 9:00, BRNG 2224
“The Exploration of Network Analytical Tools in Mapping a Climate Service Boundary Organization Stakeholder Network,” MS Defense for Christine Chung; Advisor: Elizabeth McNie

Thursday, November 29, 8:00, HAMP 2201
“Improving Doppler Radar Estimates of Tornado Intensity,” MS Defense for Mallie Toth; Advisor: Jeff Trapp

Friday, November 30, 1:00, HAMP 2201
“A Dynamically Downscaled Climatology of Severe Convective Thunderstorms over the United States,” PhD Defense for Eric Robinson; Advisor: Jeff Trapp

ATTENTION TRAVELERS

Risk Management wants travelers to remember to use our contract IDs when renting from National or Enterprise car rentals.

National Contract ID 5004459
Enterprise Contract ID XZ08035 (If a PIN Number is requested, use PUR)

Purdue’s contract rates includes the insurance, therefore Purdue is not liable when accidents happen. When travelers do not use the contract IDs, it takes time for Risk Management to work with the rental agency to resolve paying for damages to a rental vehicle.

Information on these agreements can be found on the travel website at http://www.purdue.edu/business/travel/Discounts/national.html.

We thank you for your cooperation in this matter.

CAMPUS SEMINARS

Tuesday, December 4, 3:00-4:00, STEW, Rm 214 A,B,C,
Complimentary refreshments and poster viewing from 2:30-3:00

“Engineering a Water Curriculum” Introductory Session.
Interested students, faculty, and student organizations are welcomed to the Introductory Session for this course.
(See flyer for more information)

EAPS ALUMNI EVENTS

PURDUE EAPS 5th Annual Reception Invitation
Wednesday, December 5th, 7:00–9:00 pm
ThirstyBear Brewing Company,
San Francisco,
(See attached flyer for this event)

PURDUE EAPS Alumni & Friends Reception
2013 AMS Reception Invitation
Tuesday, January 8, 6:30-8:30 pm
Hilton Austin, 500 E. 4th Street, Austin, Texas.
(See attached flyer)

NASA Langley Research Center
The Langley Aerospace Research Student Scholars (LARSS) Research Internship Program

The NASA LARSS internship program is a paid (stipend) research experience open to U.S. citizens who are full-time undergraduate (juniors and seniors) and graduate students.
http://www.nianet.org/larss
(See the attached flyer for details)

AAAS Annual Meeting Fellowship

For students and early career scientists who are enrolled in, or employed at, U.S. institutions to attend the 2013 AAAS Annual Meeting in Boston, Feb. 14-18, 2013.
Please submit the following items by Dec. 1, 2012 to Ester Sztein (ESZtein@nas.edu) or John All (john.all@wku.edu).
(See attached flyer for more details and application form)
**LIMITED SUBMISSION – KECK FOUNDATION**

The W. M. Keck Foundation’s Medical Research Program ([http://www.wmkeck.org/grant-programs/medicalresearch.html](http://www.wmkeck.org/grant-programs/medicalresearch.html)) and Science & Engineering Program ([http://www.wmkeck.org/grant-programs/science-engineering.html](http://www.wmkeck.org/grant-programs/science-engineering.html)) seek to support high-risk/high-impact projects that are distinctive and novel in their approach, push the edge of their field, or challenge the prevailing paradigm. Eligible projects fall outside the mission of public funding agencies. Grants range from $500,000 to $1 million.

For this opportunity, Purdue may submit one application for Phase I consideration under each program. Full proposals are accepted in Phase II by invitation only.

Internal deadlines are as follows:
- **Monday, December 3**: Letters of intent to the OVPR (please specify the program – S&E or Medical).
- **Thursday, January 3**: Preproposals due to the OVPR.
- **Wednesday, January 9**: Preproposal rankings due to the OVPR.

**Sponsor deadline: May 1, 2012** (project discussion period January 1 – February 15).

Please note: Keck offers these programs twice a year with the review process for the previous round overlapping the opening internal round of each subsequent competition. In the past, Keck has decided to pull an application from the review process for the previous round overlapping the opening internal round of each subsequent competition. For any case in which the number of internal letters of intent received is no more than the number of proposals allowed by the sponsor, the OVPR will notify the PI that an internal preproposal will be unnecessary.

Letters of intent, preproposals, and rankings to the OVPR should be e-mailed to OVPRlimited@purdue.edu. Purdue’s limited submission policy and template for letters of intent may be found at [http://www.purdue.edu/research/vpr/rschdev/lsid1.php](http://www.purdue.edu/research/vpr/rschdev/lsid1.php)

For any case in which the number of internal letters of intent received is no more than the number of proposals allowed by the sponsor, the OVPR will notify the PI that an internal preproposal will be unnecessary.

**2013 REQUEST FOR PROPOSALS**

**Indiana Water Resources Research 104B Grant Program**

Submission Deadline: Wednesday, November 28, 2012

The Indiana Water Resources Research Center (IWWRC) invites faculty from all Indiana colleges and universities to submit proposals for possible funding in all areas of water resources. The IWWRC grant program is supported via an annual grant from the U.S. Dept. of Interior, U.S. Geological Survey, as part of the federal Water Resources Research Act of 1984 (Program 104B). This program provides a base of support for Indiana’s water resource research needs.

(See attached flyer for more details)

**EAPS GRADS**

**TRAVEL GRANT AVAILABLE**

**PURDUE SCIENCE**

2013 College of Science Graduate Student International Travel Awards

Deadline: November 30, 2012

Send apps to Tammy Siemers: tsiemers@purdue.edu

(See attached flyer for details)

**4th Annual MIDWEST GRADUATE RESEARCH SYMPOSIUM**

The University of Toledo, Saturday, April 20, 2013, 8:00 am – 7:30 pm. (See attached flyer for details)

**Purdue Research Center - RSA is looking for you!!**

For part time students at the AFCC (Anti-Fraud Command Center) at the Purdue Research Center! This part time position is a great way to earn money and gain real work experience!

APPLY NOW!!: Send your resume to afcc-hr@rsa.com and linda.greco@emc.com. We will schedule an immediate phone interview. (See attached flyer for more details)

**Indiana Geographic Information Council (IGIC) and Indiana Space Grant Consortium (INSGC) – Grant Competition**

The 2012-2013 Indiana grant competition for innovative uses of GIS tools and data. It opens for graduate and undergraduate students’ who is taking advantage of Indiana’s geospatial data in solving real-world problems. The deadline is January 31, 2013.

(See attached for more details)
A Note from Our Academic Counselor

Surviving Finals Week - Free Workshop
Wednesday, Nov 28, 4:30-5:30 in BRNG Rm. 2280.
Learn to schedule study time, deal with stress, and find the important details.

Operation Wallacea

*Operation Wallacea* is a tuition-funded organization that runs a series of conservation management and biological research programs in remote locations around the world by academic collaboration. There are more than 2,000 students who join these international teams of researchers in the field each year. The students pay tuition fees to join our programs and these fees are then used to fund the research. The Operation Wallacea program has been expanding rapidly and now runs biodiversity surveys in 25 sites in 11 different countries.

Undergraduate and graduate students have several research opportunities available to them through Operation Wallacea. Students may join our program as Research Assistants with the option of gaining course credit, gathering data for a senior or Master's thesis, or simply gaining field research experience in a volunteer-based internship. Program participation offers students the experience of hiking through a mountain cloud forest, camping in African safari parks, living aboard river-based Amazon research vessels, or diving some of the world’s most pristine coral reef. There is also an [expedition medicine experiential course](#) available for Pre-Med students. The research programs are set up in a way that it is possible to get an assessment of your performance on site and a summary of your experience signed off by academics in the field. I would greatly appreciate it if you could forward this information to any students whom you think would be interested in joining our biodiversity field research teams in this or a future summer season.

We encourage students to fundraise their tuition fees and provide professional fundraising advising to committed students. One newly introduced fundraising option is our Alfred Russel Wallace Grant which awards $1,500 each to three current undergraduate students, allowing them to join our field based biodiversity research during their summer vacations in 2013. A current [2013 University Brochure](#) is available online.

November Birthdays

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<td>Nowack</td>
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<td>Ogg</td>
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<td>Shepson</td>
<td>29</td>
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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/](http://www.purdue.edu/eas/) and [Click on News](#) to access active links as needed. Material for inclusion in the newsletter should be submitted to Wanitta Thompson (thompsonw@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 EAPS Technology Support staff, please visit [http://www.purdue.edu/eas/info_tech/index.php](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](http://calendar.science.purdue.edu/eas/seminars).
A group of Purdue faculty and students in STEM, liberal arts, business, and other areas have been diligently fostering a multidisciplinary service-learning curriculum on water and sanitation in developing countries. These issues require a multidisciplinary approach and provide a unique opportunity for faculty and students from across a wide range of disciplines to collaborate.

"So why do I care?" As a faculty, student, or student organization, you can:
- Develop leadership on global affairs by solving topical real-world challenges on water sustainability
- Engage in multidisciplinary projects in developing countries and utilize specialized knowledge & skills
- Broaden your horizon in water sanitation and sustainability and explore new things
- Get in touch with varied experts and organizations from a variety of inter-related fields

Interested students, faculty, and student organizations are welcomed to the Introductory Session for this course! Come to learn what you can gain and contribute in global water sustainability issues.

Tues., December 4th
3:00-4:00pm
Stewart Center
Room 214 A,B,C

Complimentary refreshments and poster viewing from 2:30-3:00 p.m.

For more information, please contact:
Prof. Angelica Duran <durand0@purdue.edu>
Prof. Chip Batchley <blatch@purdue.edu>

In collaboration with Global Water Brigades, The Third Project, Timmy Global Health, and Engineers Without Borders at Purdue
Sponsored by the Purdue Water Community, the Discovery Park Undergraduate Research Internship Program, and the FSBIT fund
Alumni, students & friends!
Join us for the
5th annual Purdue Reception
at the ThirstyBear Brewing Co.

Date: Wednesday, December 5, 2012
Time: 7:00 pm - 9:00 pm
ThirstyBear Brewing Co.
UPSTAIRS in the BILLAR ROOM
661 Howard Street, San Francisco, CA

For more information, please contact the
Department of Earth, Atmospheric, and Planetary Sciences
at 765-494-3258
Plan to Join

Earth · Atmospheric · Planetary · Sciences

for our annual
Alumni & Friends Reception

Tuesday, January 8, 2013
6:30 - 8:30 pm

Hilton Austin
500 E 4th Street
Austin, Texas

No RSVP required
Contact 765-494-3258 for more information
The NASA Langley Research Center (Hampton, VA) offers paid, year-round (3 sessions), highly competitive research internships for exceptional students to work with Langley engineers and scientists on some of the Nation’s most important, difficult, and challenging problems. The LARSS program emphasizes multi-disciplinary and collaboratively developed solutions to problems in such broad areas as (1) flight, including entry, descent, and landing, in all atmospheres; (2) Earth systems science, including the characterization of all atmospheres; (3) affordable, safe, and sustainable space exploration systems and technology; and (4) materials and structural concepts, analysis, and integration.

ELIGIBILITY REQUIREMENTS
- U.S. Citizenship
- Full-time student status at an accredited U.S. college or university
- Classification as a rising undergraduate junior or senior, or graduate student (master's or doctoral level)
- Cumulative 3.0 GPA on a 4.0 scale

PROGRAM SESSION DATES
  Application Deadline: Oct. 11, 2012
- 2013 Summer Session (10 weeks) June 4 – Aug. 9, 2013  
  Application Deadline: Feb. 1, 2013
- 2013 Fall Session (15 weeks) Sept. 4 – Dec. 13, 2013  
  Application Deadline: June 26, 2013

CONTACT INFORMATION
Debbie Murray  
LARSS Program Coordinator
Phone: 757-864-5215  
Fax: 757-864-9701
Deborah.B.Murray@nasa.gov

Find additional LARSS information, application, and deadlines at http://www.nianet.org/larss
Geology and Geography section of AAAS (Section E) is excited to announce an AAAS Annual Meeting Fellowship for students and early career scientists who are enrolled in, or employed at, U.S. institutions to attend the 2013 AAAS Annual Meeting in Boston, to take place on February 14-18, 2013. This Fellowship is intended to encourage young scientists to be more involved with the AAAS. There will be a variety of programs of interest at the Meeting, and the Section will organize a social event where the awardees will meet other members and Fellows of the Section. Participation at this Meeting will allow awardees to attend career development activities, the chance to meet with other geoscientists, and the opportunity to have a look at what is new in other sciences and in science policy. For this program, early career scientists are defined as those within 3 years of receiving their Ph.D. Each award is anticipated to be a maximum of $1,000. To apply, please submit the following items by December 1, 2012 to Ester Sztein (ESztein@nas.edu) or John All (john.all@wku.edu).

- A short application: including a cover letter addressing your reasons for attending the meeting and a prioritized budget of expenses
- 1-page résumé
- A transcript of your coursework to date (students only)
- If you are presenting a poster, provide a copy of the approved abstract

FUNDING:
A limited number of travel fellowships of up to $1,000 will be available. By accepting the award, all successful applicants agree to submit a short online post-meeting report describing the value of attending the AAAS meeting for their career by March 15, 2013.

DEADLINE:
Applications are due by December 1, 2012. Please email applications to: ESztein@nas.edu or john.all@wku.edu. Award decisions will be communicated directly to the awardees by January 4, 2013.

Application Form:

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<tr>
<th>Name</th>
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<td>Institution where you are Studying/Employed</td>
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<td>Mailing Address</td>
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<td>City</td>
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<td>Email</td>
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<td>Highest degree attained</td>
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<td>Year awarded/Major/ Institution</td>
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Useful links: AAAS: http://www.aaas.org/
PROGRAM DESCRIPTION
The Indiana Water Resources Research Center (IWWRC) invites faculty from all Indiana colleges and universities to submit proposals for possible funding in all areas of water resources. The IWRRC grant program is supported via an annual grant from the U.S. Department of Interior, U.S. Geological Survey, as part of the federal Water Resources Research Act of 1984 (Program 104B). This program provides a base of support for Indiana’s water resource research needs. Note: we have not received official notification for 2013 program and funding delays are possible.

PROJECT AREAS
The program supports research in all areas related to water, including: biology, microbiology, ecology, hydrology, civil engineering, agriculture, irrigation, geology, wildlife management, and aquatic chemistry. Project areas of particular importance to Indiana this year include: (a) enhancement of the quality of Indiana’s rivers with a priority interest in work in the Wabash River Watershed, (b) water treatment, (c) cutting edge areas such as nanomaterials, (d) riparian area protection, (e) water reuse, including a consideration of status of water reuse laws and (f) outreach and extension work pertaining to protection of water supplies.

PROPOSAL DETAILS
Research proposals are competitively reviewed using an external peer review process. The reviewers will use the following criteria in assigning a final rank: 1) Technical Merit, proposal quality and feasibility (70%); 2) Applicability to Indiana’s needs (20%); 3) Educational and/or outreach opportunities generated by the project (5%) and 4) Capability of the PI(s) (5%). Highly valued projects will also include activities with dissemination of results to the public.

The IWRRC grant application should have a March 1, 2013 start date (see below), 12 month duration and can be up to $15,000 per project. We anticipate funding four to five projects this year. A nonfederal match of 2:1 is required. Indirect costs are not allowed on the Federal cost category (Public Law 101-397, Water Research Institutes Authorization). However, indirect costs can be used to provide part of the non-federal match. The awards are administered through IWRRC and are contingent upon Congressional approval of FY2013 funds for the National Institutes for Water Research program which has not yet been appropriated.

PROPOSAL FORMAT GUIDELINES
The proposal must contain the information outlined below (Attachment 1) which includes an executive summary, the proposal, and additional documentation. Please submit the full proposal in the order outlined in Attachment 1.
This year we are attempting to be 100% electronic in our submission process. Please send an electronic copy of the completed proposal (MS-Word document only, not in PDF format) to Dr. Ronald Turco at (rturco@purdue.edu) by November 28, 2012. (Indicate the PI’s NAME- IWRRC 2013 proposal in the header.) We will respond with an email once we receive your submission. If needed we may latter ask for paper copies of the proposal with official signatures from the applicant’s university. Please include a matching fund commitment letter signed by authorized institutional official.

Purdue University
Indiana Water Resources Research Center
Attn: Dr. Ronald Turco, Director
G120 Lilly Hall
915 West State Street
West Lafayette, IN 47907

PROPOSAL and BUDGET QUESTIONS

Proposal questions may be addressed to Ronald Turco, 765.494.8077, rturco@purdue.edu

WWW.IWRRC.org

Note:
Please note that as of November 1, 2012 we have not yet received an appropriation for this program for FY 2013 and it is possible that we will not have an appropriation by January 15. However, for planning purposes, assume that the start date will be March 1, 2013.
# ATTACHMENT 1

## Executive Summary

*Items a-i must fit on no more than one page, unnumbered, with 1-inch margins all around. Do not include letters as part of heading for each section* (Use 12 pt font and one inch margin and 2 pages total):

- a. Title
- b. Focus categories (see below for list)
- c. Keywords
- d. Project duration (include start and end date)
- e. Funding requested
- f. Matching funds pledge
- g. Principal Investigator(s) Name and affiliation (full contact information for the lead PI)
- h. Congressional District
- i. Abstract (300 words)
- j. Statement of critical regional or state water problem
- k. Statement of results/benefits

## Main Body of Proposal

*The proposal must fit on no more than 5 pages including figures and graphs*

- a. Title. Please use the same title as above.
- b. Statement of critical regional or state water problem. Include explanation of the need for the project.
- c. Statement of results or benefits. Specify the type of information that is to be gained, and how it will be used.
- d. Nature, scope, and objectives of the project. Include a brief timeline of activities.
- e. Methods, procedures, and facilities. Provide enough information to permit evaluation of the technical adequacy of the approach to satisfy the objectives.
- f. Related research.
- g. Student training.
- h. Expected deliverables. Include information dissemination plan.
- i. References cited.

## Additional Documents

1. CV of all investigators (NSF format not to exceed 2 pages/PI)
2. Budget justification (attachment 3)
3. Budget Summary (attachment 4)
4. Documentation of institutional approval of the proposal.
5. Matching fund commitment letter signed by authorized institutional official

## FISCAL GUIDELINES

As in years past, the proposal budgets must reflect a $2 non-federal match for each federal dollar requested. Please contact your college pre-award details but the match may include actual contributions, in-kind contributions and overhead costs. (Indirect costs may not be charged on the federal...
funding request in this program, although the match may include the indirect costs forgiven on the federal dollars.)

ATTACHMENT 2

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<th>Focus Categories</th>
<th>Abbreviations</th>
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## BUDGET SUMMARY

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<td>Total costs at Purdue University (campus on which the IWRRC is located.)</td>
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<tr>
<td>Total costs at other university campus</td>
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Name of University:
## BUDGET JUSTIFICATION

**Project Title:**

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<td>Provide the overall fringe benefit rate applicable to each category of employee proposed in the project.</td>
</tr>
<tr>
<td>Supplies.</td>
<td>Indicate separately the amounts proposed for office, laboratory, computing, and field supplies.</td>
</tr>
<tr>
<td>Equipment.</td>
<td>Identify non-expendable personal property having a useful life of more than one year and an acquisition cost of more than $5,000/unit. If fabrication of equipment proposed, list parts and materials required for each, and show costs separately from the other items.</td>
</tr>
<tr>
<td>Services or Consultants.</td>
<td>Identify specific tasks for which these services would be used. Estimate amount of time required and the hourly or daily rate.</td>
</tr>
<tr>
<td>Travel.</td>
<td>Provide purpose and estimated costs for all travel including details on per diem rates an estimated cost of lodging etc.</td>
</tr>
<tr>
<td><strong>Other Direct Costs.</strong></td>
<td>Itemize costs not included elsewhere, including publication costs. Costs for services and consultants should be included and justified under &quot;Services or Consultants (above).</td>
</tr>
<tr>
<td><strong>Indirect Costs.</strong></td>
<td>Provide negotiated indirect (&quot;Facilities and Administration&quot;) cost rate.</td>
</tr>
</tbody>
</table>
2013 College of Science Graduate Student International Travel Awards

Deadline: November 30, 2012
For travel between January 1, 2013 and June 30, 2013

~ 2 or 3 awards ranging from $600 to $800 for international travel will be awarded~

Prerequisites:
• must be a full-time PhD student
• must be making an oral or poster presentation at an international conference

Priority will be given to:
• travel to make an oral presentation at a conference
• attendance at an interdisciplinary conference
• students who have passed their prelims

To apply, please send electronically as one file:
• CV (2 page limit)
• brief summary of research (1 page limit)
• brief statement of purpose for attending conference specifying whether your presentation is oral or poster
• provide web link to conference
• with a letter of support from research advisor as a separate electronic document

Send applications to Tammy Siemers at tsiemers@purdue.edu
4th Annual
Midwest Graduate Research Symposium

Saturday
April 20, 2013
8:00 A.M. – 7:30 P.M.

Awards for both oral & poster presentations
Nationally Recognized Keynote Speaker

FREE

*Open to All Graduate Students from All Study Areas*

Registration Deadline: March 29, 2013

- Register for free online by visiting www.utoledogsa.com → Participant Registration
- For complete information, visit: www.utoledogsa.com/information

- Semi-Formal Dinner
- Oral & Poster Presentation
- Great Networking Opportunity
- No registration fee
- Breakfast, Lunch, and Dinner Provided

E-mail: graduatestudentassociation@gmail.com

Sponsored and Organized by the University of Toledo Graduate Student Association
Two Faculty Positions in the Department of Meteorology, Pennsylvania State University

The Department of Meteorology (http://www.met.psu.edu) at The Pennsylvania State University invites applicants for two full-time, tenure-track faculty positions that will start in Fall 2013.

The first position is open rank. This search is part of a Penn State Cyberscience Cluster Hire in Computation and Data-Enabled Science and Engineering (see http://www.ics.psu.edu/hire.html). We seek exceptional faculty who develop and apply innovative data- and computation-intensive techniques to address critical problems in all areas of the atmospheric sciences. Applicants must have a keen desire to collaborate with colleagues across campuses engaged in Penn State’s CyberScience initiative and an interest in participating in the larger earth science community’s cyberscience efforts (e.g., NSF’s Earth Cube).

The second position is at the assistant professor level. We seek exceptional candidates in all areas of atmospheric sciences who will enhance and/or complement the department’s current areas of research (http://www.met.psu.edu/research).

Applicants for both positions require a Ph.D. in atmospheric science (or a closely related discipline) with demonstrated research potential. Excellent verbal and written communication skills are required.

The Department, with 19 full-time faculty members spanning a broad range of atmospheric, oceanic, and interdisciplinary research areas, provides an outstanding environment for interaction with other researchers. The Department resides within the College of Earth and Mineral Sciences and conducts research in collaboration with colleagues in the Eberly College of Science, the College of Engineering, the College of Information Science and Technology, the College of Agricultural Sciences, the Smale College of Business, and the Penn State Institutes of Energy and the Environment. Department faculty maintain close ties with the Earth System Science Center, the Center for Climate Risk Management, the Center for Advanced Carbon Cycle Research, the Applied Research Laboratory, and the Office of the Pennsylvania State Climatologist. This internationally recognized program in atmospheric and related sciences attracts a large number of high-quality undergraduate and graduate students.

Penn State University is located in the town of State College (year-round population of 90,000), approximately 150 miles east of Pittsburgh and 200 miles northwest of Philadelphia, within the ridge-and-valley region of central Pennsylvania. The physical setting permits a wide range of outdoor activities throughout the year. As a large university, Penn State attracts a remarkably diverse assortment of entertainment and cultural opportunities.

Applications completed by December 1, 2012 will be guaranteed full consideration. The positions will remain open until they are filled. Applicants should submit a statement of professional interests, a curriculum vitae, and the names and addresses of four references.

Applications and questions shall be directed to:

Professor Fuqing Zhang, Faculty Search Chair
The Pennsylvania State University
Department of Meteorology
503 Walker Building
University Park, PA16801
Email: fzhang@psu.edu

Employment will require successful completion of background check(s) in accordance with University policies. Penn State is committed to affirmative action, equal opportunity, and the diversity of its workforce.
RSA is looking for you!!

We are looking for part time students at the AFCC (Anti-Fraud Command Center) at the Purdue Research Center!

This part time position is a great way to earn money and gain real work experience!

We want talented Students with an affinity for internetworking to join the RSA Consumer Solution’s 24*7 Anti-Fraud Command Center (AFCC) which provides online fraud detection to the first tier financial institutions in the world!

You will be trained to detect and analyze online threats and act according to AFCC procedures to deploy counter measures, block and shut down the threat.

Responsibilities:
- Detect phishing attacks
- Analyze new fraud trends and technologies
- Forensics analysis and research
- Shut down fraudulent websites
- Communicate with customer to update on attack status

Shifts hours: Choose any 3 shifts/week out of the 35 shifts to choose from (you can vary the shifts week to week)
- Morning: 7:30-11:45 AM  11:30 AM-3:45 PM
- Evening: 3:30PM-7:45PM  7:30PM-11:45 PM
- Night: 11:30PM-7:45 AM

Requirements:
- 0 -1 years experience
- Graduate or undergraduate students graduating in 2014,2015, 2016
- Technical knowledge in the Internet world
- Detail oriented & analytical ability
- Very strong interpersonal & communication skills
- Previous experience in Internet companies , help desk – an advantage
- Commitment to work for the center for 1 year BONUS after 2 years!

Training starts January 11th. On site interviews will be at Purdue in early December 3 – 7th.

APPLY NOW!!: Send your resume to afcc-hr@rsa.com and linda.greco@emc.com and we will schedule an immediate phone interview.

You may see our position on line at http://emc.com/college Click “apply now” and search requisition “94247”.
We look forward to connecting!
IGIC Announces the 2012 – 2013
Indiana Grant Competition
for Innovative Uses of GIS
Tools and Data

In partnership with the Indiana Space Grant Consortium (INSGC), The Indiana Geographic Information Council (IGIC) is pleased to announce our first ever GIS grant competition in support of STEM Education for the State of Indiana.

Deadline for submission is January 31, 2013:
IGIC’s goal of this grant is to encourage graduate and undergraduate students to take advantage of Indiana’s geospatial data in solving real-world problems. Proposals will be judged based on their relevance to an identified need within the geospatial community, the value provided by the proposed project, and innovative use of geospatial data or tools. Projects using data available through the IndianaMap (http://www.IndianaMap.org) will be given priority, but any creative geospatial proposal will be reviewed.

Project Categories:
The following grant categories have been compiled with input from Indiana geospatial data professionals: Public Health, Disease and Epidemiology, Archaeology, Food and Nutrition, Community Organization and Resource Management, Public Safety and Criminal Justice, Public Policy, Spatial Economics, Sport Tourism Recreation and Public Spaces, Transportation, Climate Change and the 2012 Drought, Energy Technology Trends, Environment, Agriculture, Geospatial Technology and Geospatial Data Visualization.

Application Timeline:
All applications should be received by January 31, 2013 to ensure full consideration. Timelines for awardees are scheduled as follows:
November 5, 2012: Application submission opens
January 31, 2013: Application deadline
March 29, 2013: Initial notification of intent to award

Eligibility:
Students currently attending universities in Indiana affiliated with the Indiana Space Grant Consortium (https://engineering.purdue.edu/INSGC) are eligible to apply. Awards for grants of $5,000-$10,000 will be made. Both individual and group projects will be considered. Students and PIs receiving funding must be US citizens. For projects NOT using IndianaMap data, 1:1 matching will be required.

For more information visit the IGIC Grants home page: http://igic.org/grants/