EAPS WEEKLY NEWSLETTER
24 September 2018

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BE SURE TO CHECK OUT ALL OF THE EAPS COMMUNICATIONS MEDIA!

Facebook
Twitter
Department Magazine (Spring 2018)
Website News

DEPARTMENT NEWS

EAPS MEETINGS & EVENTS

CoS FACULTY MEETING
September 25
3:30 PM
LWSN 1142

EAPS FACULTY MEETINGS
October 23
November 20
3:00 PM
HAMP 3201

EAPS PRIMARY COMMITTEE MEETINGS
October 30
November 13

CoS STAFF MEETING
December 17
3:00-4:30 PM
WTHR 200

EAPS COLLOQUIA

Brian Yanites
Indiana University
Thursday, September 27, 2018
3:30 PM
HAMP 1252

Andrew Ault
University of Michigan
Tuesday, October 2, 2018
3:30 p.m.
HAMP 3153

http://www.eaps.purdue.edu/
**RECENT PRESENTATIONS**


Alejandro Salazar, Adriana Sanchez, Juan Camilo Villegas, Juan F Salazar, Daniel Ruiz Carrascal, Stephen Sitch, Juan Darío Restrepo, Germán Poveda, Kenneth J Feeley, Lina M Mercado, Paola A Arias, Carlos A Sierra, Maria del Rosario Uribe, Angela M Rendón, Juan Carlos Pérez, Guillermo Murray Tortarolo, Daniel Mercado-Bettin, José A Posada, Qianlai Zhuang, and Jeffrey S Dukes, The ecology of peace: preparing Colombia for new political and planetary climates, Front Ecol Environ 2018; 16(9): 1–7, doi: 10.1002/fee.1950


**TG RIVERS COMEDY HYPNOTIST SHOW**

On Thursday, November 1 from 6:30-8:30/pm in Hiler Theater (WALC 1050), the College of Science will be hosting a United Way Fundraiser featuring the TG Rivers Comedy Hypnotist Show here on campus. This is a professional hypnotist who will provide a fun, family friendly experience by selecting 15 volunteers from the audience to come on stage where they “will be the stars of the show”!

To help raise money for United Way and enjoy an inexpensive night of entertainment, advance tickets may be purchased for only $5 (see flyer for various locations) or $10 at the door. For a small example from one of his previous shows go to: https://www.youtube.com/watch?v=rMz5jZIV_wc

In addition, TG Rivers will be videotaping the performance so you can order a copy of the show – what a great souvenir to take back to your family and friends; especially if you are on stage as a part of the act, or know someone else who is.

[For complete information please see attached flyer.]

**NASA POSTDOCTORAL FELLOWSHIP**

The NASA Postdoctoral Program offers US and international scientists the opportunity to advance their research while contributing to NASA’s scientific goals. The NPP supports fundamental science; explores the undiscovered; promotes intellectual growth; and encourages scientific connections.

Selected by a competitive peer-review process, NPP Fellows complete one- to three-year Fellowship appointments that advance NASA’s missions in earth science, heliophysics, planetary science, astrophysics, space bioscience, aeronautics and engineering, human exploration and space operations, and astrobiology.

Applications are accepted three times each year: March 1, July 1, and November 1.

For further information and to apply, visit: https://npp.usra.edu/. Please send any questions: to npphelp@usra.edu

[See attached flyer for complete information]

**CoS STAFF MEETING**

At the Spring CoS Staff Meeting with the Dean, several suggested that more such meetings would be very beneficial. As a result, we have...
scheduled a Fall/Winter meeting as well. Please mark your calendars for:

Monday, December 17  
3:00-4:30 p.m.  
WTHR 200  
Refreshments will be served

A Qualtrics RSVP link will be sent to you closer to time, but wanted to get this notice out now so that calendars could be marked.

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**APSAC ACCEPTING APPLICATION FOR PROFESSIONAL DEVELOPMENT GRANTS**

APSAC has opened the fall application cycle for its individual professional development grants as of Sept. 1. Examples of funded grant applications include but are not limited to professional education or certification; attendance at lectures, conferences and seminars; or tuition assistance for academic classes.

The maximum award amount is $750. Applications for fall grants will be considered for activities occurring from July 1, 2018, to June 30, 2019.

The application process will be completed online, and the **deadline is 11:59 p.m. ET Oct. 1 for this grant period.** More information and a link to the online application are available [here](#). Questions may be directed to the Professional Development Subcommittee at APSAC-PD@purdue.edu.

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**FACULTY SEARCH COMMITTEE WORKSHOPS SCHEDULED FOR FALL**

Please see info at link below for required workshop if you plan to serve on a faculty search committee (and have not already taken the workshop).

The workshop, which is open to all faculty and administrators and required for serving on a search committee, will be held 1:15-5 p.m. on Aug. 27 and Sept. 18 in the Purdue Memorial Union’s East and West Faculty Lounges. Lunch items will be available. The final fall 2018 workshop will be held 8:15 a.m.-noon Oct. 31 in Stewart Center, Room 206, with light breakfast items available.


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**STUDENT NEWS**

**IDEALIST GRADUATE SCHOOL FAIR**

The USC Price School of Public Policy will be at the Idealist Graduate & Professional School Fair in Chicago on **October 4th**! Please let your students know that we will be at the fair and look forward to the opportunity to speak with them directly about our graduate programs. The fair will be held at:

Idealist Graduate School Fair  
University of Illinois, Chicago  
UIC Forum  
725 W Roosevelt Road  
Chicago, IL 60608  
5pm to 8pm

The Price School was recently ranked #2 in the nation by US News & World Report. We offer seven professional Master’s degree programs:

- Master of Public Administration  
- Master of Public Policy  
- Master of Public Policy Data Science  
- Master of Health Administration  
- Master of Nonprofit Leadership & Management  
- Master of Planning  
- Master of Real Estate Development

We also offer three executive Master’s and three doctoral level programs. All programs are offered at our campus just south of downtown Los Angeles, a regional, national, and international hub of governance and enterprise for the Pacific Rim.

For more information you may visit the website at priceschool.usc.edu or the attached flyer.

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[http://www.eaps.purdue.edu/](http://www.eaps.purdue.edu/)
ATMOSPHERIC SCIENTIST POSITION

Verisk Weather Solutions, based in Lexington, MA. is currently looking for an Atmospheric Scientist. Verisk develops products for the insurance industry, which of course is impacted greatly by weather. They are searching for someone with strong meteorology, especially weather radar, and programming skills.

They are interested in the PyART project, and would like to devote some resources to contribute back to the project. Other open source projects may also get some attention as well. If you are interested in learning more, check out our job announcement.


STUDY ABROAD TO ICELAND

Our world has never been smaller, and traveling is crucial to your education.

Introducing the College of Science spring break study abroad to Iceland—
The Land of Fire and Ice.
Trip Dates: March 8-16, 2019

The itinerary will be a mix of culture, history, science, energy, education, hands-on activities, and yes, fun stuff too. Highlights include:

• Glacier Walk
• doCODE Genetics-the Human Genome
• Hellisheiði Geothermal Powerplant
• Friðheimar Thermal Greenhouse
• Tectonic Plates and Lava Beds
• Lava Center Experience
• Seljólandsfoss, Skogarfoss, & Gullfoss Waterfalls
• Leiðarendi Cave
• Pingvellir National Park
• The Golden Circle Tour
• Cooking Class-Cooking a Traditional Dish
• Icelandic Music
• Tour the City of Reykjavik
• Settlement, National, and Viking Museums
• Relax in the Blue Lagoon
• View the Northern Lights (weather permitting)
• And more

Callout Dates:
September 25, 6-7 pm
September 26, 6:30-7:30
Both in BRNG B248

This is a once-in-a-lifetime opportunity and is much more than a trip. We hope it’s the kind of learning experience you’ll talk about long after graduation.

Estimated cost is $4200. Check out other details about the travel program on the Study Abroad website. Registration and $500 deposit must be paid by November 1, 2018.

If you have questions, please contact Terry Ham at hamt@purdue.edu or Danielle Sheese at dsheese@purdue.edu

[See flyer attached]

PURDUE MOVES SEMESTER STUDY ABROAD SCHOLARSHIPS

Up to $2,000 + complete a 1-credit, online intercultural learning course to earn an additional $1,500 SAIL Scholarship. For additional funding details visit Young Hall, 105 or go to studyabroad.purdue.edu/programs/aid.

http://www.eaps.purdue.edu/
GSA AND AGU RECEPTIONS

The GSA Reception is at the J.W. Marriott in Indianapolis, Room 101 on Monday, November 5, from 7-9 p.m.

The AGU Reception is at Matchbox Chinatown in Washington D.C. on Thursday, December 13, from 7-9:30 p.m.

GRADUATE WRITERS’ ROOMS

Writers' Rooms are dedicated times and places for graduate writers to work on their academic writing projects (e.g., scholarly articles, dissertations, etc.). Writers should plan to spend most of the two-hour block in independent writing; however, Writing Lab tutors will be available for very brief, limited consultations if concerns arise during the writing time.

Writers should bring whatever materials they need for successful work on their projects, including laptops, books and articles, style guides, research data, white board markers, pens, paper, etc.

Registration is required, so visit https://cla.purdue.edu/wlschedule and choose the “Writers' Room” schedule from the menu. Dates and locations are listed at the top.

2019 COLLEGE OF SCIENCE GRADUATE STUDENT INTERNATIONAL TRAVEL AWARDS

Applications Submission deadline is 4:00 PM November 17, 2018 for travel between January 1, 2019 and June 30, 2019. Two to three awards ranging up to $800 for international travel will be awarded. Send applications to Robin Sipes at rsipes@prudue.edu

[See attached flyer for complete information]
and disparate datasets, familiarity with diagnosis of Reanalyses and climate models and experience in setting up and running global atmosphere models is preferred.

Appointment will be for 1 year, with second year continuation contingent on progress and funding.

Search will remain open for at least 30 days after the ad appears and will continue until the position is filled.

For further information about this position and to submit your curriculum vitae, a statement of research interests, and names and addresses of three referees, please visit our online application site at: https://academicjobs.columbia.edu/applicants/Central?quickFind=67000

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**CIMMS DATA QUALITY OFFICE – RESEARCH ASSOCIATE**

The Cooperative Institute for Mesoscale Meteorological Studies at the University of Oklahoma is seeking a **Research Associate** with strong attention to detail and excellent programming skills to join the U.S. Department of Energy’s (DOE) Atmospheric Radiation Measurement (ARM) Program Data Quality (DQ) Office located in the National Weather Center at the University of Oklahoma in Norman, Oklahoma. The DQ Office supports the ARM Program by serving as the first line of defense in discovering data quality issues with the final goal of providing the science community with the highest quality data possible. The primary responsibilities of the DQ Office are, in close cooperation with ARM instrument mentors, site operators, and other members of the ARM infrastructure, to create automated processes for inspection and assessment of data quality, inspect and assess the data, report detected problems and participate in their resolution, and communicate data quality findings to end-users of ARM data. Members of the DQ Office are active in many different areas of the data flow process, such as enforcing standards for data products, creating the software necessary to visualize and quality control the data, and helping to convey information about known problems to data users.

[For additional information see attached flyer]

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**HONDURAS MAYMESTER 2019**

Teach in Honduras while earning 7 credits. May 13-May 30, 2019. $1000 scholarships! For more information go to www.edci.purdue.edu/honduras

[See attached flyer]

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**APPLY NOW FOR 2019 AMS SCHOLARSHIPS AND FELLOWSHIPS**

AMS scholarships and fellowships range from $1,000 to $25,000 and are open for applications — whether you will be a college freshmen or a graduate student, AMS supports your education and pursuit of a career in the atmospheric and related oceanic or hydrologic sciences.

- 21 Senior Scholarship awards ranging from $2,000 to $10,000 are available in 2019 for outstanding undergraduate students entering their final year of study. Applications are due on 8 February 2019.

- AMS Graduate Fellowships include a $25,000 stipend and partial travel support to attend the AMS Annual Meeting. Applications are due on 11 January 2019.

- The AMS Freshman Undergraduate Scholarship program is open to all high school students and designed to encourage study in the atmospheric and related sciences. Applications are due on 8 February 2019.

- AMS Minority Scholarships award funding to minority students who have been traditionally underrepresented in the sciences, especially Hispanic, Native American, and Black/African American students. Applications are due on 8 February 2019.

http://www.eaps.purdue.edu/
To learn more and apply click [here](https://www.eaps.purdue.edu/).

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**NSF 2026 IDEA MACHINE COMPETITION**

The National Science Foundation (NSF) announces the launch of the NSF 2026 Idea Machine, a prize competition to help set the U.S. agenda for fundamental research in science, technology, engineering, and mathematics (STEM) and STEM education. Participants can earn cash prizes and receive public recognition by suggesting the pressing research questions that need to be answered in the coming decade, the next set of “Big Ideas” for future investment by NSF. It’s an opportunity for researchers, the public and other interested stakeholders to contribute to NSF’s mission to support basic research and enable new discoveries that drive the U.S. economy, enhance national security and advance knowledge to sustain the country’s global leadership in science and engineering.

Entries will be accepted through **October 26, 2018**. For more information, including entry instructions, eligibility, rules, and judging criteria, please visit the NSF 2026 Idea Machine website.

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**CIMMS RESEARCH ASSOCIATE FOR WARN-ON-FORECAST**

The Cooperative Institute for Mesoscale Meteorological Studies (CIMMS) at the University of Oklahoma (OU) seeks to fill a Research Associate position to support the National Oceanic and Atmospheric Administration (NOAA) National Severe Storms Laboratory’s (NSSL) Warn-on-Forecast (WoF) research and development effort. NOAA’s WoF program seeks to develop a storm-scale ensemble prediction system to help increase warning lead times of severe thunderstorms, heavy rainfall, and tornadoes. The incumbent will interact collaboratively with researchers and operational forecasters within the National Weather Center (NWC) in Norman, OK, NOAA National Weather Service (NWS) National Centers for Environmental Prediction (NCEP) Weather Prediction Center (WPC), and Weather Forecast Offices (WFOs) to support the development and evaluation of WoF system for operational testing and implementation. The dynamic research and operational working environment at the NWC in Norman, OK will provide the candidate with ample opportunities for career advancement.

[See attached flyer for complete information]

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**APPLICATION FOR POSTDOCTORAL RESEARCH ASSOCIATE**

The Atmospheric and Oceanic Sciences Program at Princeton University in cooperation with NOAA’s Geophysical Fluid Dynamics Laboratory (GFDL) seeks a postdoctoral researcher or more senior position to conduct studies on the predictability of seasonal hydroclimate extremes. This position is a part of the Forecasting a Continuum of Environmental Threats (FACETs) project, which is a proposed next-generation hazardous weather paradigm that utilizes probabilistic information as its foundation. FACETs will leverage physical and social science research to support a system that is modern, flexible, and designed to communicate clear and simple hazardous weather, water, and climate information to serve society. FACETs supports NOAA’s Weather-Ready Nation initiative to build community resilience in the face of increasing vulnerability to extreme weather, water, and climate events.

Complete applications, including cover letter, a curriculum vitae, a publication list, and contact information for three references, must be submitted online to [https://www.princeton.edu/acad-positions/position/8341](https://www.princeton.edu/acad-positions/position/8341).

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**GRADUATE & POSTDOC PROFESSIONAL DEVELOPMENT SERIES**

Graduate students and postdocs from all Purdue schools and colleges welcome!

*All workshops will be held in SMTH 118*

*From 5:00 PM to 6:30 PM*

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**http://www.eaps.purdue.edu/**
Tuesday, October 2
- Negotiation Skills
  - Learn how to evaluate and negotiate a job offer.

No RSVS needed. SMTH 118 can seat 70; arrive early to find seating! Questions please Email: askCCO@purdue.edu.

JILL HRUBY FELLOWSHIP SEEKING APPLICANTS

We are now accepting applications for the 2019 Jill Hruby Fellowship in National Security Science and Engineering. The Hruby Fellowship is one of Sandia National Laboratories’ most prestigious postdoctoral fellowships. This fellowship aims to develop women in the engineering and science fields who are interested in technical leadership careers in national security. Jill Hruby is the first woman to have been appointed director of a large, multidisciplinary national security laboratory and has been a driving force for other women at Sandia and across the country to follow careers in technical leadership. Deadline for applying is November 1, 2018.

[See attached flyers for additional information]

FREE EVENING SCIENCE HELP CENTER
BIOLOGY + CHEMISTRY + MATH

COSINE (College of Science Instructional Nightly Enrichment) is a FREE tutoring program to help students succeed in first year science courses. COSINE offers event tutoring right in your own backyard. Our goal is to help you develop problem-solving skills needed to do your homework. Please visit one of our locations for assistance.

For optimal tutoring results, bring your text books and class notes.

COSINE at Shreve Hall
Room C107
University Residences Support Center
Monday & Wednesday 7:30 – 10:00 pm
Tuesday & Thursday 6:00 – 9:00 pm

http://www.eaps.purdue.edu/

PRESIDENT HARRY S. TRUMAN FELLOWSHIP IN NATIONAL SECURITY SCIENCE AND ENGINEERING

Sandia National Laboratories is seeking applicants for the President Harry S. Truman Fellowship (in National Security Science and Engineering). Candidates for this position are expected to have solved a major scientific or engineering problem in their thesis work or have provided a new approach or insight to a major problem, as evidenced by a recognized impact in their field.

The Fellowship provides the opportunity for new Ph.D. scientists and engineers to pursue independent research of their own choosing that supports Sandia’s national security mission. The appointee is expected to foster creativity and to stimulate exploration of forefront science and technology and high-risk, potentially high-value research and development.

The application deadline is November 1 of the year prior to the October start date.

For more information, visit: http://sandia.gov/careers/students_postdocs/fellowships/truman_fellowship.html

CLIMATE PROGRAM OFFICER

This is a staff position at the David & Lucile Packard Foundation and the search is being handled by Waldron. The position description is available here. This is a new PO position at the Foundation – the individual will direct our grantmaking on bioenergy and will also be our point person for work on Carbon Dioxide Removal. Candidates must have a minimum of 5 years of relevant leadership experience promoting changes in society, markets, governments, or the private sector.

WOMEN IN SCIENCE REGIONAL CONFERENCE

The 2018 Organizational Committee for the Women in Science Conference (WISC) is returning this October. This three-day event will be hosted by the Association for Women in Science, Notre Dame Chapter (AWIS-ND) and
will be held from October 5-7. This is a conference designed by graduate students for graduate students! The Conference is designed to provide graduate student women in science, technology, engineering, and mathematics a venue for networking and professional development.

[See flyer for additional information]

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**2ND MIDWEST STUDENT CONFERENCE ON ATMOSPHERIC RESEARCH**

The 2nd Midwest Student Conference on Atmospheric Research, sponsored by the Department of Atmospheric Sciences at the University of Illinois at Urbana-Champaign, will be held on 27-28 October 2018. Information including registration, abstract submission, schedule of events, and hotel block reservations is posted on the conference website (http://www.atmos.illinois.edu/mscar).

This cross-disciplinary conference is open to undergraduate and graduate students from universities across the Midwest. Oral and poster presentations are invited in the following research areas:

- Applications of Remote Sensing
- Cloud Microphysics and Chemistry
- Energy, Environment and Society
- Variability and Predictability in the Earth System
- Data Science and Visualization

The deadline to submit abstracts and register for the conference is **28 September 2018**. See the attached flyer for more information.

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**REGISTRATION IS NOW OPEN FOR BIG TEN GRADUATE SCHOOL EXPO**

At the Big Ten+ Graduate School Expo on **September 30 and October 1, 2018**, students will:

- get an inside look at graduate school and the application process,
- receive advice about funding opportunities from experts,
- attend a premier graduate school fair and network with representatives from more than 100 of the nation’s top graduate institutions.

This two-day mini-conference is especially designed for students who are looking for advanced degrees:

- Science
- Technology
- Engineering
- Mathematics
- Pharmaceutical Sciences
- Other science-related disciplines.

The Big Ten+ Graduate School Expo awarded more than $55,000 in travel scholarships last year. Women and members of underrepresented groups are encouraged to attend.

For more information and to join the mailing list visit [http://www.purdue.edu/gradschool/gradexpo/index.html](http://www.purdue.edu/gradschool/gradexpo/index.html)

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**SOFTWARE CARPENTRY WORKSHOP**

ITaP Research Computing will offer a free Software Carpentry workshop on **Monday, Oct. 8, and Tuesday, Oct. 9**, for researchers who are interested in learning and enhancing their research computing skills.

The event is open to Purdue students and faculty and anyone else interested in using high-performance computing in their research. It replaces the UNIX 101 and Clusters 101 workshops previously offered by ITaP Research Computing.

The workshop will take place from 9 a.m. to 5 p.m. both days in Rawls Hall, Room 1057. Space is limited so those wishing to attend should register soon. Participants should register through Eventbrite. New material will be covered each day, so participants should attend both days.

http://www.eaps.purdue.edu/
Software Carpentry’s mission is to help scientists and engineers get more research done in less time and with less pain by teaching them skills for research computing. This hands-on workshop will cover basic concepts and tools, including program design, version control, data management, and task automation. Participants will be encouraged to help one another and to apply what they have learned to their own research problems. More information, including a schedule for each day of the workshop can be found here.

No prior knowledge of the tools that will be presented at the workshop is necessary. Participants should bring a laptop (not a tablet or Chromebook) with a Mac, Linux, or Windows operating system that they have administrative privileges on. Participants should also install the specific software packages described here.

For more information about this workshop, email Eric Adams, who coordinates training for ITaP Research Computing, ewa@purdue.edu.

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**COLLEGE OF EDUCATION WORKSHOP OFFERING: ETHICAL PUBLISHING & PREDATORY JOURNALS**

All Students, Staff and Faculty Welcome! Learn about ethical publishing and service while gaining knowledge and skills to identify predatory journals. Manuscript submissions, editorial board positions, and requests for review services are an important component of the professional role of most graduate students and faculty. It can be confusing to determine whether the requesting publisher is ethical in their practices. In this workshop, we will discuss identifying predatory publishers as well as ethical publishing practices. Lunch will be available between 12 and 12:30 for the first 40 people to arrive. Registration numbers will determine if we can provide more. Please register at [https://bit.ly/2QzAyRm](https://bit.ly/2QzAyRm) by October 1st.

Please contact Gary Lee Johns gjohns@purdue.edu with any questions.

[For complete details, please see attached flyer]
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 [http://www.eaps.purdue.edu/news/newsletters.html](http://www.eaps.purdue.edu/news/newsletters.html) and Click on News to access active links as needed. Material for inclusion in the newsletter should be submitted to Katherine Huseman ([khuseman@purdue.edu](mailto:khuseman@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.eaps.purdue.edu/resources/information_technology/index.htm](http://www.eaps.purdue.edu/resources/information_technology/index.htm).

Also, as an additional resource for information about departmental events, seminars, etc., see our departmental calendar at [http://www.EAPS.purdue.edu/events-calendar.html](http://www.EAPS.purdue.edu/events-calendar.html).
The Rubble in the Jungle: The Impact of Earthquakes, Typhoons, and Landslides on River Processes in Taiwan

Brian Yanites
Indiana University

Intense precipitation or seismic events can generate clustered mass movement processes across a landscape. These rare events have significant impacts on the landscape, however, the rarity of such events leads to uncertainty in how these events impact the entire geomorphic system over a range of timescales. Taiwan is a steep, seismically active region and is highly prone to landslide and debris flows. In this talk, I explore the impacts of regional landslide events in two locations in Taiwan: the central region which experience an influx of landslide debris associated with the 1999 Chi-Chi earthquake; and the southern region which experienced intense landsliding associated with Typhoon Morakot in 2009. I present observations of both the impact of the influx of sediment following these events as well as the longer term morphological evolution of these river systems. These observations provide insight into what controls the evolution of river systems in Taiwan. Finally, I finish with a conceptual model of how the propagation of landslide material through a drainage networks influences fluvial processes and landscape evolution.

Thursday, September 27, 2018
3:30 p.m.
Room 1252 HAMP

Refreshments at 3:00 pm
Room 2201/HAMP
Catching the Freshwater Wave: Impacts of Lake Spray Aerosol on Climate and Health in the Great Lakes Region

Andrew Ault
University of Michigan

Aerosol production from wave breaking is one of the most abundant sources of aerosol globally, but emissions from freshwater lakes are poorly understood in comparison to sea spray aerosol (SSA). Studies of LSA are needed as models, at present, utilize SSA parametrizations for freshwater systems. Herein, lake spray aerosol (LSA) from freshwater has only recently been observed and our research has that LSA has unique chemical and physical properties. We have detected LSA along the coasts of the Great Lakes, inland, and aloft at cloud heights using a suite of microscopy, spectroscopy, and mass spectrometry measurements. Thus, LSA has the potential to impact climate regionally near freshwater lakes. In addition, we have observed that LSA physicochemical properties are distinctly modified when emitted harmful algal blooms (HABs), which has the potential to release toxins, such as microcystins. As LSA can be generated and act as CCN, IN or eject toxic materials from harmful algal blooms, an improved understanding of LSA emission and physicochemical properties is needed to determine the impacts on climate and health in the Great Lakes region.

Tuesday, October 2, 2018
3:30 p.m.
Room 3153 HAMP

Refreshments at 3:00 pm
Room 2201/ HAMP
Come see hypnotist T.G. RIVERS bring his award-winning, family-friendly comedy hypnosis act to campus!
Brought to you by Purdue College of Science and Royal Plumbing, with proceeds benefiting United Way

Thursday, November 1, 6:30 p.m. (doors open at 6)
Hiler Theater (WALC 1050)
Only $5 in advance; $10 at the door

Wristbands can be purchased in advance from:
HAAS 164 / HAMP 2169 / MATH 931 / LILY 1-118 / LWSN 3144-A / WTHR 265

*So as not to distract from the show, no persons under the age of 5 permitted.
*No admittance once show begins until after hypnosis is completed.
IDEALIST GRADUATE SCHOOL FAIR
October 4th, 5:00pm -8:00pm
University of Illinois, UIC Forum
725 W. Roosevelt, Chicago IL 60608

- All undergraduate majors welcome
- Ranked 2nd in the country
  - U.S. News and World Report
- No work experience necessary
- Merit-based scholarships
  - Available to both domestic and international students

The mission of the USC Price School of Public Policy is to improve the quality of life for people and their communities, here and abroad. We achieve this mission through education and research that promote innovative solutions to the most critical issues facing society. We offer master’s programs in Public Administration, Public Policy, Health Administration, Urban Planning, Nonprofit Leadership & Management, and Real Estate Development.

The Price School offers:
- 7 Professional Master’s Degree Programs
- 3 Executive Master’s Degree Programs
- 3 Doctoral Programs
Introducing the College of Science spring break study abroad to Iceland—
The Land of Fire and Ice.
Trip Dates: March 8-16, 2019

Our world has never been smaller, and traveling is crucial to your education. The itinerary will be a mix of culture, history, science, energy, education, hands-on activities, and yes, fun stuff too. Highlights include:

- Glacier Walk
- doCODE Genetics-the Human Genome
- Hellisheiði Geothermal Powerplant
- Friðheimar Thermal Greenhouse
- Tectonic Plates and Lava Beds
- Lava Center Experience
- Seljalandsfoss, Skogafoss, & Gullfoss Waterfalls
- Leiðarendi Cave
- Þingvellir National Park
- The Golden Circle Tour
- Cooking Class-Cooking a Traditional Dish
- Icelandic Music
- Tour the City of Reykjavik
- Settlement, National, and Viking Museums
- Relax in the Blue Lagoon
- View the Northern Lights (weather permitting)
- And more

This is a once-in-a-lifetime opportunity and is much more than a trip. We hope it’s the kind of learning experience you’ll talk about long after graduation. Estimated cost is $4200. Check out other details about the travel program on the Study Abroad website. Registration and $500 deposit must be paid by November 1, 2018.

If you have questions, please contact Terry Ham at hamt@purdue.edu or Danielle Sheese at dsheese@purdue.edu

Callout Dates:
September 25, 6-7 pm
September 26, 6:30-7:30
Both in BRNG B248
The NASA Postdoctoral Program provides fellowships to conduct cutting-edge research at NASA Centers and NASA-affiliated research institutes.

Appointments renewable up to three years
Stipends begin at $60,000 with increases depending on locality and seniority
Open to U.S. citizens, Lawful Permanent Residents, and Foreign Nationals (eligible for J-1 status)
Postdoctoral and Senior Fellowships available
$10,000 for support of professional travel per year
Health insurance and relocation assistance available

Research Areas
- Aeronautics and Engineering
- Astrobiology
- Astrophysics
- Biological Sciences
- Cosmochemistry
- Earth Science
- Heliophysics Science
- Planetary Science
- Technology Development
- Science Management

Opportunities
npp.usra.edu/opportunities/

Apply
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Women, minorities, and members of underrepresented communities are encouraged to apply.
DUE
March 1
July 1
November 1

Contact
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Administered by Universities Space Research Association
2019 College of Science Graduate Student International Travel Awards

Application Submission Deadline: 4:00 PM November 17, 2018

For travel between January 1, 2019 and June 30, 2019

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

Prerequisites:

• must be a full-time PhD student within the Department in the College of Science

• 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
• letter of support from research advisor

Send applications to Robin Sipes at rsipes@purdue.edu
18TH ANNUAL AMS STUDENT CONFERENCE
5-6 JANUARY 2019, PHOENIX, ARIZONA

We are thrilled to announce the 2019 AMS Student Conference: Weathering Together: Building a Climate of Diverse Community Perspectives, to be held 5-6 January 2019 in Phoenix, Arizona in association with the 99th AMS Annual Meeting.

Important eligibility requirement: You must be an active 2019 AMS student member to attend the AMS Student Conference, and you must be a student to present a poster at the Poster Session!

Sessions will include invited speakers from the private, broadcast, academic, and government sectors, and will engage and excite students about potential career options and recent research in the atmospheric sciences. Interactive sessions will include (1) an integrated warning team workshop, (2) a resume workshop, and (3) a broadcast tape swap. During the conference, a career fair and networking evening will provide a forum for students to interact personally with potential employers and graduate institutions. In addition, a poster session at the conclusion of the conference will provide a great opportunity for students to showcase their research. The student conference is intended for junior and senior undergraduates and early graduate students, but it is open to all students.

**Registration**

Registration is now open! Early registration will be available online until midnight EST 15 December 2018 at a rate of $50. Starting on 16 December, late registration will be available for $75. To register online, please visit the registration site and select the option corresponding to the 18th Annual AMS Student Conference. On-site registration ($75) may be available if space permits. Attendees must register separately for the 99th AMS Annual Meeting.
Submit an abstract and register for “Exceptional Undergraduate Student Presentations”
Due by: 2 October 2018

We encourage active AMS student members to submit abstracts. All accepted abstracts will be scheduled as poster presentations for the Student Conference Poster Session during the evening of Sunday, 6 January 2019. The poster session is a fantastic opportunity for students to showcase their work to peers and potential collaborators. Presenters will also have the opportunity to participate in the 2019 Student Conference Poster Competition. We welcome abstract submissions about student projects from across the atmospheric and related sciences, and we hope to accommodate all submitted abstracts at the poster session.

New this year, select students will have the chance to present their work during a special session on Tuesday during the AMS Annual Meeting. This session, titled “Exceptional Undergraduate Student Presentations,” will feature four dedicated students with diverse research backgrounds and give them the opportunity to present their work orally to the larger AMS community.

Guidelines for the AMS Student Conference Poster Session and corresponding Poster Competition as well as for the Exceptional Undergraduate Student Presentations are available here. Please submit your abstract online by 2 October 2018 and ensure you have applied for or renewed your AMS student membership prior to submitting your abstract. To submit an abstract free of charge and register for the Exceptional Undergraduate Student Presentations session, visit the AMS confex and select the relevant session. Authors of accepted presentations will be notified via e-mail by mid-November 2018.

Sponsors and Organizers
The 18th Annual AMS Student Conference is organized by the AMS Student Conference Planning Committee and is sponsored by the American Meteorological Society.

To keep up to date on AMS Student Conference news, search Facebook for “AMS Student Conference” and Twitter for “@AMSStudentConf”.

For additional information, please contact the program chairpersons:

- Gaige Kerr, Johns Hopkins University (gaige.kerr@jhu.edu)
- Matt Flournoy, University of Oklahoma (mflournoy37@gmail.com)
- Kenzie Krocak, University of Oklahoma (mjkrocak@gmail.com)

We hope you join the festivities in Phoenix!
The Cooperative Institute for Mesoscale Meteorological Studies at the University of Oklahoma is seeking a Research Associate with strong attention to detail and excellent programming skills to join the U.S. Department of Energy’s (DOE) Atmospheric Radiation Measurement (ARM) Program Data Quality (DQ) Office located in the National Weather Center at the University of Oklahoma in Norman, Oklahoma. The DQ Office Supports the ARM Program by serving as the first line of defense in discovering data quality issues with the final goal of providing the science community with the highest quality data possible. The primary responsibilities of the DQ Office are, in close cooperation with ARM instrument mentors, site operators, and other members of the ARM infrastructure, to create automated processes for inspection and assessment of data quality, inspect and assess the data, report detected problems and participate in their resolution, and communicate data quality findings to end-users of ARM data. Members of the DQ Office are active in many different areas of the data flow process, such as enforcing standards for data products, creating the software necessary to visualize and quality control the data, and helping to convey information about known problems to data users.

The duties of this position are:
- Develop software for displaying, inspecting, and assessing ARM data
- Help maintain and improve our web-based tools http://dq.arm.gov
- Work with ARM personnel to improve and develop new data quality analysis techniques and visualizations
- Facilitate problem resolution and communication of data quality problems with ARM infrastructure
- Mentor undergraduate student analysts who assist in the analysis of ARM data
- Participate in relevant data quality research projects as opportunities arise
- Represent the DQ Office at meetings and conferences
- Perform related duties as assigned

The minimum qualifications for this position are:
- M.S. in atmospheric science, earth system science, meteorology, or related field
- Strong computer programming skills, particularly in command-line Linux environments

Preference will be given to applicants with:
- Knowledge, experience, or previous education focusing on meteorological instrumentation, atmospheric chemistry and/or aerosols, radar, lidar, or atmospheric fluxes
- Experience or familiarity with meteorological or model data analysis, including scientific data formats such as netCDF, HDF, or GRIB
- Experience performing data analysis and visualization with Python; consideration will also be given for work done with other languages such as IDL, Matlab, Perl, or R
- Knowledgeable in new and emerging programming techniques, such as machine learning or big data analysis
- Experience with revision control systems such as Git or SVN
- Experience with web programming (Javascript, PHP, HTML, CGI, etc.)

The beginning salary will be competitive for this position, and will be dependent on experience. The University of Oklahoma provides a generous benefits package. Information on benefits may be found at [https://hr.ou.edu/Employees](https://hr.ou.edu/Employees). The position will remain open until a suitable candidate is identified.

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  
Job Requisition – ARM Data Quality

*The University of Oklahoma is an equal opportunity/Affirmative Action employer.*
HONDURAS MAYMESTER 2019

$1000 Scholarships!

CALLOUT
September 20
5:30 p.m.
BRNG 4180
Free Pizza

• Teach in Honduras!
• Earn 7 Credits
• Earn a Global Studies Minor
• May 13-May 30, 2019
• Visit Copán, the Mayan ruins and the Caribbean Sea!

Program Director: JoAnn Phillion — phillion@purdue.edu
more information: www.edci.purdue.edu/honduras
CIMMS Research Associate for Warn-on-Forecast

The Cooperative Institute for Mesoscale Meteorological Studies (CIMMS) at the University of Oklahoma (OU) seeks to fill a Research Associate position to support the National Oceanic and Atmospheric Administration (NOAA) National Severe Storms Laboratory’s (NSSL) Warn-on-Forecast (WoF) research and development effort. NOAA’s WoF program seeks to develop a storm-scale ensemble prediction system to help increase warning lead times of severe thunderstorms, heavy rainfall, and tornadoes. The incumbent will interact collaboratively with researchers and operational forecasters within the National Weather Center (NWC) in Norman, OK, NOAA National Weather Service (NWS) National Centers for Environmental Prediction (NCEP) Weather Prediction Center (WPC), and Weather Forecast Offices (WFOs) to support the development and evaluation of WoF system for operational testing and implementation. The dynamic research and operational working environment at the NWC in Norman, OK will provide the candidate with ample opportunities for career advancement.

**Responsibilities:**
1. Assist in the development and testing of the experimental WoF ensemble data assimilation and prediction system.
2. Set-up and run the WoF system for real-time experiments.
3. Assist in the development of novel post-processing, visualization, and verification tools using MET software.
4. Assist in assessing the usability, strengths, and limitations of the WoF system both in NWS operations and during Hazardous Weather Testbed experiments.
5. Attend meetings, workshops, and professional conferences to present research results and interact with operational forecasters, collaborators, and users.
6. Write technical and training materials and attend seminars to stay abreast of current developments in related areas.
7. Perform related duties as assigned.

**Desired Qualifications:**
1. A Master’s degree or higher in Meteorology, Atmospheric Science, Computer Science or related area.
2. Experience in high-resolution NWP model, advanced data assimilation systems (such as GSI, EnKF, WRF DA), DTC’s Model Evaluation Toolkit (MET), probabilistic severe weather forecasting, and research to operations (R2O).
3. Strong programming (e.g., Fortran, C, C++) and scripting (e.g. Python, NCL) skills, and experience with Linux (or Unix) operating systems.
4. Excellent oral and written communication skills.
5. Ability to work and communicate effectively in diverse team environments.

Normal working hours will be observed except for occasional irregular hours during real-time experiments.

The position is expected to begin October 2018. Salary will be competitive depending on experience and qualification with University of Oklahoma benefits. Information on benefits may be found at http://hr.ou.edu/.

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  
REFERENCE: WoF JTTI 1018

_The University of Oklahoma is an equal opportunity/Affirmative Action employer._
Jill Hruby Fellowship

Seeking Applicants!

We are now accepting applications for the 2019 Jill Hruby Fellowship in National Security Science and Engineering. The Hruby Fellowship is one of Sandia National Laboratories' most prestigious postdoctoral fellowships. This fellowship aims to develop women in the engineering and science fields who are interested in technical leadership careers in national security. Jill Hruby is the first woman to have been appointed director of a large, multidisciplinary national security laboratory and has been a driving force for other women at Sandia and across the country to follow careers in technical leadership.

Jill Hruby Fellows have the opportunity to pursue independent research that supports Sandia's purpose: to develop advanced technologies to ensure global peace. In addition to receiving technical mentorship, Jill Hruby Fellows participate in a unique, prestigious leadership development program. To be considered for this fellowship, applicants must display excellent abilities in scientific and/or engineering research and show clear promise of becoming outstanding leaders. Fellows may work at either of Sandia’s principal locations in New Mexico and California. All qualified applicants will be considered for this fellowship.

Sandia's competitive wage and benefits package includes an annual salary of $111,200; flexible work arrangements; 11 paid holidays; three weeks of vacation; health, vision, and dental insurance; and a 401(k) savings plan with company match.

Qualifications We Require

- Ph.D. conferred within the past three years or completion of Ph.D. requirements by commencement of appointment (10/1/2019)
- Evidence of strong academic achievement, excellent technical accomplishment, leadership and ability to team effectively
- No previous postdoctoral appointments at a national laboratory (internships excluded)
- Research in areas relevant to national security
- Ability to obtain and maintain a DOE security clearance, which requires US citizenship

Qualifications We Desire

- Creativity and self-motivation
- Good communication skills
- Interest in management/leadership
- Ability to work in a team-oriented, dynamic environment
- Demonstrated interest and/or experience in service to the nation
- Broad-based background and extensive knowledge in one or more of the following areas: bioscience, computing and information science, engineering sciences, geoscience, materials science, nanotechnology and microsystems, and radiation effects and high energy density sciences

The Jill Hruby Fellowship is a three-year appointment and normally commences on October 1, although exceptions may be made to accommodate special circumstances.

For more information, please visit: http://www.sandia.gov/careers/students_postdocs/fellowships/hruby_fellowship.html

Equal opportunity employer/Disability/Vet/GLBT 07/2018
Sandia National Laboratories is a multimission laboratory managed and operated by National Technology and Engineering Solutions of Sandia, LLC., a wholly owned subsidiary of Honeywell International, Inc., for the U.S. Department of Energy’s National Nuclear Security Administration under contract DE-NA-0003525. SAND2017-7511 HR
Jill Hruby Fellowship Program

The Jill Hruby Fellowship Program recognizes and honors the achievements of Jill Hruby who served as President and Director of Sandia National Laboratories from 2015 to 2017, spent 34 years at Sandia, and was the first woman to be appointed director of a large multidisciplinary national security laboratory. The Fellowship’s purpose is to attract and recruit women in engineering and science fields interested in technical leadership careers in national security. All qualified applicants will be considered for the Fellowship.

Selection will be based on a comprehensive application and interview process. Special attention will be given to recruiting and attracting outstanding women with demonstrated academic achievement and leadership capabilities. The intent is that over time, this Fellowship will become a nationally recognized program that will attract top talent to Sandia and may serve the DOE complex and the nation.

Program Design
As postdoc employees of Sandia, Jill Hruby Fellows will conduct independent research and development that supports Sandia’s purpose: to develop advanced technologies that ensure global peace. Fellows will propose their own research topic and benefit by having access to Sandia’s state-of-the-art facilities and collaborating with some of the nation’s best scientists and engineers. Fellows may work at either of Sandia’s principal locations in Albuquerque, New Mexico or Livermore, California.

A member of Sandia’s technical staff with experience/interest in the area of research proposed by the Fellow will be assigned to mentor the Fellow. This emphasis on research mentoring enables Fellows to become integral members of Sandia R&D teams while acquiring unique skills during their early career development. Candidates must have identified a mentor prior to applying. If you need assistance finding a mentor to sponsor your application, please contact the coordinator, ksmithc@sandia.gov (see item i. on page 3)

Leadership Development
In addition to technical mentorship, Fellows will participate in a unique leadership development program that will prepare them for career advancement as recognized leaders in their field or institution. For example, fellows will:

- Participate in a Leadership Development Program. The skills and lessons of the program are built around four key themes:
  - Understanding character and values and the impact they have on leadership, behavior, and decision-making
  - Knowing how to think versus what to think
  - Gaining exposure to, increasing knowledge of, and building relationships with leaders, the institution, and other external entities
• Applying tools for thinking, leading, and communicating with confidence and courage through changing circumstance

• Be formally mentored by the Chief Research Officer and/or the Sandia California Associate Labs Director for Division 8000. This mentorship will benefit the selected participant through:
  o Increased awareness of Sandia and its overall culture
  o Enhanced personal and professional effectiveness
  o Opportunity to develop interpersonal and work skills
  o Access to an impartial “sounding board”

• Participate in selected external leadership development symposia for technical leaders and gain exposure at the national level to policy matters related to national security by spending time at Sandia's Washington, DC office and other sites.

• Serve as an ad-hoc member on one of the laboratories Leadership Teams, beginning second year of fellowship as an observer/listener, third year as a participant/contributor. This will allow the fellow to gain knowledge and experience in the overall management of the laboratory and the associated responsibilities that are important in the operations of the laboratory. In addition, the Fellow will develop and understand the behaviors and competencies required to operate a national security laboratory.

Requirements
Qualifications We Require
• Ph.D. conferred within the past three years or completion of Ph.D. requirements by commencement of appointment
• Evidence of strong academic achievement, excellent technical accomplishment, leadership and ability to team effectively
• No previous postdoctoral appointments at a national laboratory (internships excluded)
• Ability to obtain and maintain a DOE security clearance, which requires US citizenship
• Research in areas meaningful to national security

Qualifications We Desire
• Creativity and self-motivation
• Good communication skills
• Interest in management/leadership
• Ability to work in a team-oriented, dynamic environment
• Demonstrated interest and/or experience in service to the nation
• Broad-based background and deep understanding in one or more of the following areas: bioscience, computing and information science, engineering sciences, geoscience, materials science, nanotechnology and Microsystems, and radiation effects and high energy density sciences

Benefits
Sandia’s competitive wage and benefits package for this Fellowship will include an annual salary of $111,200; flexible work arrangements; 11 paid holidays; three weeks of vacation; health, vision, and dental insurance; and a 401(k) savings plan with company match.

Application Procedure
The Jill Hruby Fellowship is a three-year appointment that typically will begin on October 1. The application deadline for fellows will be November 1 of the year prior to the October start date. All qualified applicants will be considered without regard to race, color, religion, sex (including pregnancy, gender identity, and sexual orientation), national origin, age, disability or genetic information or other legally protected status.

To be considered, applicants must:

- Submit a CV online to job # 662647
- Submit, in the same document as the CV, up to 10 pages describing: a research proposal* (~5 pages), and a statement (~5 pages) describing leadership experience and interest, interest in the position from a national security point of view, and long-term career plans.
- Include the following information on a cover sheet:
  a. Full name
  b. Current address, e-mail address, and permanent address for notification
  c. Telephone and/or cell numbers
  d. Title of proposed research project
  e. Title of doctoral thesis/dissertation
  f. Planned starting date of the Fellowship
  g. Ph.D. granting institution and year of receipt (or date expected)
  h. A listing of all countries of which applicant is a citizen
  i. Name of a Sandia person/organization that fits your research interest and with whom you have discussed your research interests *
- Request reference letters from three nationally recognized scientists, external to Sandia, in relevant disciplines who are knowledgeable about the candidate’s capabilities and previous research, and who have been provided a copy of the candidate’s research proposal. An additional letter from a Sandia expert is acceptable. The letters should not be included in the application itself, but should be sent by the author directly to Sandia to ksmithc@sandia.gov on official letterhead and signed by the author.
- An official copy of undergraduate and graduate transcripts must be provided directly by the university to the coordinator, ksmithc@sandia.gov.

All application materials must be received electronically by midnight Thursday November 1st, 2018

*Provide a clear objective of the research, the expected results, and the impact that the proposed work may have on Sandia’s technical capabilities. State the planned approach in order to clarify the direction of the research. Propose a schedule for the research and explain the importance and benefits to Sandia.
President Harry S. Truman Fellowship in National Security Science and Engineering

Seeking Applicants!
Sandia National Laboratories is seeking applicants for the President Harry S. Truman Fellowship (in National Security Science and Engineering). Candidates for this position are expected to have solved a major scientific or engineering problem in their thesis work or have provided a new approach or insight to a major problem, as evidenced by a recognized impact in their field.

The Fellowship provides the opportunity for new Ph.D. scientists and engineers to pursue independent research of their own choosing that supports Sandia's national security mission. The appointee is expected to foster creativity and to stimulate exploration of forefront science and technology and high-risk, potentially high-value research and development.

Sandia’s research focus areas are: bioscience, computing and information science, engineering science, materials science, nanodevices and microsystems, radiation effects and high energy density physics, and geosciences. To learn more about additional R&D programs that support Sandia’s mission areas, please visit: sandia.gov/missions

The Truman Fellowship is a three-year appointment. The salary is $111,200 plus benefits and additional funding for the chosen proposal. The deadline is November 1 of each year and normally begins on October 1 the following year.

Requirements:
Candidates must meet the following requirements:
• PhD awarded within the past three years at the time of application or completed PhD requirements by commencement of appointment
• Excellent academic and research qualifications
• Evidence of exceptional technical accomplishments, leadership, and ability to thrive in a dynamic, team-oriented environment
• Candidates must be seeking their first national laboratory appointment (pre-postdoc internships acceptable)
• Ability to obtain a DOE “Q” clearance, which requires US citizenship

For more information, visit:
http://sandia.gov/careers/students_postdocs/fellowships/truman_fellowship.html

Apply online:
sandia.gov/careers
Click on “View all Jobs”
Search “Truman Fellowship”
or Job ID: 661914

Equal opportunity employer/Disability/Vet/GLBT 07/2017
Sandia National Laboratories is a multimission laboratory managed and operated by National Technology and Engineering Solutions of Sandia, LLC., a wholly owned subsidiary of Honeywell International, Inc., for the U.S. Department of Energy’s National Nuclear Security Administration under contract DE-NA-0003525. SAND2017-5483 HR
Women in Science Regional Conference
Notre Dame, IN

Networking & Professional Development
hosted by the Association of Women in Science - Notre Dame Chapter

- Academic advice panel
- Work outside of academia panel
- Research & publications panel
- Workshops & resume reviews
- Oral presentations
- Poster session
- Publishing exhibition
- Cocktail networking & social

AWIS

Registration opens June 18th
#2018WISC

5 October to 7 October 2018

awis.nd.edu/WSC
awis@nd.edu
The 2\textsuperscript{nd} Midwest Student Conference on Atmospheric Research, sponsored by the Department of Atmospheric Sciences at the University of Illinois at Urbana-Champaign, will be held on 27-28 October 2018. Information including registration, abstract submission, schedule of events, and hotel block reservations is posted on the conference website (\texttt{http://www.atmos.illinois.edu/mscar}).

This cross-disciplinary conference is open to undergraduate and graduate students from universities across the Midwest. Oral and poster presentations are invited in the following research areas:

- Applications of Remote Sensing
- Cloud Microphysics and Chemistry
- Energy, Environment and Society
- Variability and Predictability in the Earth System
- Data Science and Visualization

The deadline to submit abstracts and register for the conference is 28 September 2018. Any questions regarding abstracts should be directed to \texttt{mscar-abstracts@atmos.illinois.edu} and questions involving registration should be sent to \texttt{mscar-register@atmos.illinois.edu}. Authors of accepted presentations will be notified in early October. The cost of registration is $60, which includes the keynote banquet and lunch on Sunday. Presenting a talk or poster is not a requirement to attend the conference and there is no fee for abstract submission.

For additional information, please contact \texttt{mscar@atmos.illinois.edu}. 
Learn about ethical publishing and service while gaining knowledge and skills to identify predatory journals.

Manuscript submissions, editorial board positions, and requests for review services are an important component of the professional role of most graduate students and faculty. It can be confusing to determine whether the requesting publisher is ethical in their practices. In this workshop, we will discuss identifying predatory publishers as well as ethical publishing practices.

Lunch will be available between 12 and 12:30 for the first 40 people to arrive. Registration numbers will determine if we can provide more. Please register by October 1st.

Register: https://bit.ly/2QzAyRm
All Students, Staff and Faculty Welcome!

For questions, please contact:
Gary Lee Johns– gjohns@purdue.edu

Take–Aways:
- Identify potential indicators of predatory publishing.
- Identify deceptive or predatory publishing practices.
- Understand expected responsibilities of publishing stakeholders.
- Understand open access publishing.

Speaker: Nina Collins
Title: Scholarly Publishing Specialist
Nina Collins joined Purdue University Libraries as scholarly publishing specialist for the Scholarly Publishing Division. Nina advocates for Open Access and collaborates with others throughout the Libraries to offer advice and assistance for appropriate digital initiatives. Nina earned a master of library science degree with a digital libraries specialization, as well as a master of information science degree from the Indiana University School of Informatics and Computing in Bloomington.

Brought to you by a collaboration between, Dr. Victoria Lowell, Learning Design and Technology, the Curriculum and Instruction Graduate Student Association (CIGSA), Dr. Wayne Wright, Assoc. Dean of Research, Graduate Programs & Faculty Development, and Purdue Library Services.
Biodiversity is the sum total of life on Earth, a living legacy to future generations. What is more, it is an essential underpinning for all human development since, as living creatures ourselves, we depend on the natural world in countless ways. Sadly, biodiversity is being lost almost everywhere on our planet, especially in tropical forests, the richest of all terrestrial ecosystems.

Dr. Russ Mittermeier is a global conservation hero working to protect those incredible places and the species that call them home. A biologist and lifelong conservationist with more than 45 years in the field, Dr. Mittermeier is as comfortable in the boardroom as he is in the jungle. Through his quest to save biodiversity hotspots he's traveled across 169 countries, discovered more than 20 species new to science, and even has eight named after him!

In this presentation, Dr. Mittermeier discusses why we should be concerned about other life forms with which we share our planet, how we set priorities for conservation action, and where we have succeeded in achieving our objectives. He will, in particular, focus on nonhuman primates, our closest living relatives, 90 percent of which are found in tropical forests, and the strategies employed by Dr. Mittermeier and the IUCN Species Survival Commission Primate Specialist Group over the past 40 years. Dr. Mittermeier is the Chief Conservation Officer for Global Wildlife Conservation, Chair of the IUCN/SSC Primate Specialist Group, and 2018 Indianapolis Prize winner.

Widely viewed as the world’s leading award for animal conservation, the Indianapolis Prize is a significant, internationally recognized conservation initiative of the Indianapolis Zoological Society, Inc., supporting scientists across the world who are successfully preserving wild things and wild places for future generation. Learn more about his journey at IndianapolisPrize.org.