EAPS WEEKLY NEWSLETTER
October 17, 2022
Facebook  Twitter  LinkedIn  Instagram  Website

EAPS MEETINGS & EVENTS
PURDUE CALENDAR 2022-23
EAPS K-12 OUTREACH CALENDAR OF EVENTS
REPORT YOUR OUTREACH AND ENGAGEMENT ACTIVITIES

NEWS/OPPORTUNITIES AT PURDUE

EAPS COLLOQUIUM
S. THOMAS CROUGH ENDOWMENT LECTURE SERIES
FEATURING DOUG WIENS
Thursday, October 20 3:30 - 4:30pm
HAMP 1252
Doug Wiens is a Professor at Washington University St. Louis
Host: Doug Schmitt

EVPRP WORKSHOP: MANAGING YOUR AWARD
Good news! You’ve just been notified that your research project is receiving funding. Now what? The EVPRP, along with Sponsored Program Services, is please to host this informative workshop to address questions related to award management and compliance concerns. Presenters at this informative workshop will discuss Purdue’s policies and processes related to the management of awards as well as issues for compliance that all researchers should know. This workshop will be especially helpful to new faculty but all faculty are invited to attend.
Topics to be covered in this session include:
· Award management
· Project reporting
· Working with human research subjects
· Working with animals
· Working with biohazards, rDNA, radiation, lasers, or other controlled substances
· Grant to protocol reviews
· Avoiding financial conflicts of interest
· Research information assurance (including confidential information and export control regulations)

This workshop will take place on November 8th, 11:30AM-1:00PM in Stewart Center, room 202. While lunch is not provided at this workshop, you are welcome to bring your own. Registration is required at: https://purdue.ca1.qualtrics.com/jfe/form/SV_eNQjmV47PGDBMOI.

ASIAN AMERICAN AND ASIAN RESOURCE AND CULTURAL CENTER (AAARCC)
Fall 2022 Programming and AAARCC Speaker Series have been announced. The AAARC plans for weekly events, fun times, speakers, and gatherings. Check it out!

MS AND PHD EAPS STUDENTS
BROADEN YOUR GRAD EXPERIENCE
For those MS and PhD students in EAPS that would like to broaden their graduate experiences while at Purdue, EAPS is affiliated with the Computational Interdisciplinary Graduate Programs (CIGP) at Purdue. While working toward a graduate degree in EAPS, graduate students can also have a concentration (specialization) in the area of Computational Science and Engineering (CSE). For more information, click here. A short video about the CIGP/CSE program can be found here.
Spring Application Deadline: March 1
Fall Application Deadline: October 1

EAPS GRAD STUDENT RESEARCH OPPORTUNITIES
If you are interested in an EAPS grad research opportunity, click here for more information.

PUBLICATIONS


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


OUTREACH NEWS

Don’t forget to submit any activities you do with K-12: https://bit.ly/EAPSOut

OPPORTUNITIES FOR PARTICIPATING IN OUTREACH PROGRAMS IN THE FALL OF 2022:

Hands on Purdue and AP Fridays:
• The Hands-on Purdue program is for middle school and high school classes. These labs provide students with hands-on science labs in the K-12 Outreach Lab in the Brown building on the West Lafayette Campus.
• Web Site Virtual Labs
If you like to help but not necessarily hands on. We create virtual labs and other programs for teachers and students.
Examples of virtual labs, virtual student programs, and demos

SUPERHEROES OF SCIENCE
Please help us by subscribing and sharing our podcast and our YouTube channel!

Social sites:
TikTok SuperHeroesofScience Twitter
Facebook EAPS Outreach Instagram
Facebook Superheroes of Science
EAPS departmental outreach web page

MEETINGS/EXPOS/OPPORTUNITIES OUTSIDE OF PURDUE

INDIANA STORMCHASERS CON (INCHASERCON)
NOV. 5, 2022
Hendricks Co Convention Center, located at 1900 E Main St, Danville, IN 46122
Meeting info
Join us for any weather enthusiast, storm chaser, the 11th annual Indiana Storm Chasers Convention! Open to meteorologist, and the public! NOT limited to those in Indiana. Registration is open. One of the Featured Speakers is our very own Robin Tanamachi!

2023 NOAA LAPENTA STUDENT INTERNSHIPS
Applications are now open for the 2023 NOAA Lapenta Student Internship
• Open to undergrad sophomores, juniors, and grad students
• Internship dates: 6/5/23 - 8/11/23
• Apply by January 5th
There will be two information sessions for interested students:
October 27, 2-4 pm EDT (http://meet.google.com/eyj-bapt-ocx)
December 8, 1:30-3:30 pm EDT (http://meet.google.com/zzd-upba-wtd)
Lapenta staff members will be on hand to answer questions and provide application guidance.

POSTER AND RESEARCH TALK JUDGES NEEDED FOR 2022 FALL EXPO
Currently seeking faculty, staff, post-docs, and graduate students to help in judging posters and research talks both in-person and virtually for the 2022 Fall Expo. many students wanting to take the opportunity to present in-person are anticipated. Those who are interested and available can indicate their interest using the Qualtrics link on the Judging Registration website. Individuals can sign up to judge in-person posters in morning (10-11:30) or afternoon (1-2:30) sessions on Monday, Nov. 14 in
the PMU Ballrooms, research talks on Wednesday, Nov. 16 in STEW 214, and/or virtual presentations that can be judged Nov. 14-17. Note: This is the first time the Fall Expo will be formally judged with awards distributed to top presentations.

MASTER OF ARTS IN TEACHING EARTH SCIENCE RESIDENCY PROGRAM ACCEPTING APPLICATIONS

The Master of Arts in Teaching Earth Science Residency Program in the Richard Gilder Graduate School at the American Museum of Natural History in New York City is looking for graduates with Earth and space science backgrounds (geology, mineralogy, paleontology, oceanography, astronomy, environmental geology, and more) who want to make a difference in the world of STEM education. This teaching fellowship combines coursework, mentoring, and real-world experience to prepare Earth and space science graduates for rewarding careers as culturally responsive middle and high school teachers. All degree candidates will receive free tuition, books, and a $30,000 living stipend. In return, candidates commit to teaching in a high-needs school for three years. With a sole focus on preparing new Earth science teachers, the program is a full-time, 15-month Master's degree program that takes place at the Museum and in urban partner schools. We seek a student body with a passion for social justice and diverse life and career experiences.

We are currently accepting applicants for the class that will begin in June 2023. Prospective students are encouraged to attend an Information Session or to contact us for more information. Please share this email with your students and colleagues. You can also visit the program website to learn more and join our mailing list (make sure to click MAT for Earth Science Grads). For questions, you can contact the program office directly mailto:atmat@amnh.org or (212) 313-7464.

INNOVATED SEEKING GRAD STUDENT SUBMISSIONS

The Graduate School is seeking article submissions for the 2022-23 edition of its graduate research magazine, InnovatED! InnovatED is Purdue University’s premier graduate research magazine. Its mission is to showcase the influential and inspirational graduate research conducted at our university. Each publication features ten students, selected by Graduate School leadership.

Graduate Students: What’s Required?

- Submissions should be in the form of a popular press piece and should consist of 700 to 800 words. To get an idea of how submissions should be formatted, students can check out the 2021 - 22 edition of InnovatED.

Why Submit?

- The student author or co-authors selected will receive an award of $250 per accepted manuscript, with the cover story receiving $500.
- Students selected for publication will receive one-on-one coaching focused on communicating complex information to a lay audience.
- Research published in InnovatED is shared widely, reaching readers in more than 45 countries.

The submission deadline for the 2022-23 Edition is November 11. Those interested can learn more and submit here.

DOD SMART SCHOLARSHIP

APPLY AUG. 1 – DEC. 1

The Science, Mathematics, and Research for Transformation (SMART) Scholarship-for-Service Program is now accepting applications. SMART offers students pursuing a bachelor’s, master’s, or Ph.D. in science, technology, engineering, and mathematics (STEM) fields an opportunity to receive a full scholarship and guaranteed civilian employment with the Department of Defense upon degree completion. SMART offers students the chance to pursue their passion in STEM while supporting the mission of the Department of Defense.

Eligibility Requirements:

- Be a U.S. Citizen
- Be 18 years of age or older
- Minimum GPA of 3.0 on a 4.0 scale
- Be pursuing a bachelor’s, master’s, or Ph.D. in one of the 21 STEM fields

Application deadline is December 1, 2022. Students can view the SMART videos and visit smartscholarship.org to learn more. Click here to access a flyer and other materials about the program.

FORD FOUNDATION FELLOWSHIP PROGRAMS

LEARN MORE

Through its program of fellowships, the Ford Foundation seeks to increase the diversity of the nation’s college and university faculties by increasing their ethnic and racial diversity, maximize the educational benefits of diversity, and increase
the number of professors who can and will use diversity as a resource for enriching the education of all students.

Predoctoral, dissertation, and postdoctoral fellowships are awarded in a national competition administered by the National Academies of Sciences, Engineering, and Medicine on behalf of the Ford Foundation.

Eligibility to apply for a Ford fellowship is limited to:

- All U.S. citizens, U.S. nationals, and U.S. permanent residents (holders of a Permanent Resident Card); individuals granted deferred action status under the Deferred Action for Childhood Arrivals Program; Indigenous individuals exercising rights associated with the Jay Treaty of 1794; individuals granted Temporary Protected Status; asylees; and refugees, regardless of race, national origin, religion, gender, age, disability, or sexual orientation;
- Individuals with evidence of superior academic achievement (such as grade point average, class rank, honors or other designations); and
- Individuals committed to a career in teaching and research at the college or university level in the U.S.

2023 Competition Dates
- 2023 Dissertation and Postdoctoral application deadlines: December 8, 2022, 5:00 PM Eastern Standard Time (EST)
- 2023 Predoctoral application deadline: December 15, 2022, 5:00 PM Eastern Standard Time (EST)
- Supplementary Materials deadline for submitted applications January 5, 2023, 5:00 PM Eastern Standard Time (EST)
- Notification of 2023 awards: TBD

EXTRATERRESTRIAL MATERIALS ANALYSIS GROUP (ExMAG) FALL MEETING
October 12–13, 2022
Virtual
Meeting info

OCEAN WORLD ANALOG FIELD SITE ASSESSMENT WORKSHOP
October 13–15, 2022
Denver, Colorado/Virtual
Meeting info

SMD BRIDGE PROGRAM WORKSHOP
October 17–21, 2022
Virtual
Meeting info

APOLLO 17 – ANGSA WORKSHOP
October 26–28, 2022

Lunar Planetary Institute
Houston, Texas
Meeting info

EXOPLANETS IN OUR BACKYARD 2
NOVEMBER 2-4, 2022
Albuquerque, New Mexico
(location changed)/Virtual
Meeting Info

LUNAR POLAR VOLATILES CONFERENCE
Houston, TX/Virtual
Nov. 2-4, 2022
Meeting Info

20TH MEETING OF THE VENUS EXPLORATION ANALYSIS GROUP (VEXAG)
November 7-9, 2022
Albuquerque, New Mexico
(location changed)/Virtual
Meeting Info

OUTER PLANETS ASSESSMENT GROUP (OPAG) MEETING
November 15–16, 2022
Houston, TX/Virtual
Meeting info

COMMERCIAL LUNAR PAYLOAD SERVICES SURVIVE THE NIGHT TECHNOLOGY WORKSHOP
December 6-8, 2022
Cleveland, Ohio/Virtual
Meeting Info

ICES IN THE SOLAR SYSTEM
January 9-11, 2023
Montreal, Canada
Meeting Info

28th MEETING OF THE NASA SMALL BODIES ASSESSMENT GROUP
January 24-26, 2023
Pasadena, CA/Virtual
Meeting info

VENUS SURFACE AND ATMOSPHERE CONFERENCE
January 30 – February 1, 2023
Boulder, CO/Virtual
Meeting info

54TH LUNAR AND PLANETARY SCIENCE CONFERENCE
March 13–17, 2023
The Woodlands, TX/Virtual

http://www.eaps.purdue.edu/
Positions Available - Career Opportunities

Assistant or Associate Professor
Atmospheric and Planetary Sciences – Hampton University

The Hampton University (HU) Department of Atmospheric and Planetary Sciences (APS) invites nominations and applications for two tenure-track faculty positions at the rank of Assistant or Associate Professor beginning January 2023. Founded in 1868, Hampton University is a leading historically black university (HBCU) located on the Virginia Peninsula in the City of Hampton. It is a privately endowed, co-educational, nonsectarian institution. HU established the Center for Atmospheric Science (CAS) in 1996, which led to creation of the Department of Atmospheric and Planetary Sciences in 2007. APS offers M.S. and Ph.D. degrees in the fields of Atmospheric Science and Planetary Science. This program has established a reputation of excellence in education, outreach and research, with particular emphasis on satellite applications for atmospheric studies. Learn more here.

WIND ENERGY AND CLIMATE SCIENCES
We have an exciting opportunity for a Postdoctoral Researcher position focusing on Wind Energy and Climate Science at the Argonne National Laboratory. This appointment will be at the Environmental Science Division embedded within our Computer, Environment, and Life Sciences Directorate. The project aims to improve our understanding of factors modulating winds in an offshore wind farm environment, with an ultimate goal of improving their representation in models used for forecasting wind energy. The three-year multi-institutional project titled Observationally driven Resource Assessment with CoupLED models (ORACLE) is funded by Department of Energy Wind Energy Technology Office. Learn more here.

Meteorologist Positions Available
TEGNA

Multiple meteorology positions are open with TEGNA.

Bryan Environmental Consultants
Homewood, IL
Seeking Part-Time to Full-Time Positions

- Bachelor’s or Master’s degree in environmental engineering, civil engineering, geotechnical engineering, geology
- Knowledge of State and Federal environmental regulations a plus
- Experience with Phase I and II Environmental Site assessments a plus
- Strong writing skills
- Proficient in all Microsoft Office applications
- Must have cell phone and computer (laptop)
- Valid Driver’s License

Post-doc Opportunity - Air Force Science & Technology Fellowships
The National Academies of Sciences, Engineering, and Medicine administers postdoctoral and senior research awards at the U.S. Air Force Research Laboratory (AFRL), the U.S. Air Force Institute of Technology (AFIT), and the U.S. Air Force Academy (USAFA) under the Air Force Science & Technology Fellowship Program (AF STFP). Seeking highly qualified candidates who are U.S. citizens and hold, or anticipate earning, a doctorate in a variety of fields of science or engineering.
Application deadline dates (four annual review cycles): February 1, May 1, August 1, November 1

Awardees have the opportunity to:
- Conduct independent research in an area compatible with the interests of the Air Force laboratories
- Devote full-time effort to research and publication
- Access the excellent and often unique Air Force research facilities
- Collaborate with leading scientists and engineers
- Awardee benefits:
  - Base stipend starting at $76,542; may be higher based on experience
  - Health insurance (including dental/vision), relocation benefits, and a professional travel allowance

Applicants should contact prospective AFRL, AFIT and USAFA Research Adviser(s) at the lab(s) prior to the application deadline to discuss their research interests and funding opportunities.

For detailed program information, to search for AFRL, AFIT, and USAFA Research Opportunities, and to contact prospective Research Adviser(s), visit www.nas.edu/afstfp.

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PURDUE ENVISION CENTER (UNDER ITAP)

RECRUITING EAPS STUDENTS

At the Envision Center looking to recruit EAPS students with background and interest in weather visualization. Details on the job opening can be found here.

POSITIONS AVAILABLE IN METEOROLOGY AND ATMOSPHERIC SCIENCE

View current career listings

AGI GEOSCIENCE JOB CENTER

Check listings here.

GRADIENT CORP

MULTIPLE OPPORTUNITIES

Please feel free to contact Qianlai Zhang if you are interested in applying and/or have any questions about the company and the opportunities.

NATIONAL WEATHER SERVICE

POSITIONS AVAILABLE

Check here for available positions with the National Weather Service.

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NEWSLETTER INFO

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. Material for inclusion in the newsletter should be submitted to Cheryl Pierce by 5:00pm on Thursday of each week for inclusion in the Monday issue.

For answers to common technology questions and the latest updates from the EAPS Technology Support staff, click here. As an additional resource for information about departmental events, seminars, etc., see our departmental calendar.