October 3, 2022

EAPS WEEKLY NEWSLETTER

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 – ARYA UDRY
Thursday, October 6
3:30 – 4:30pm

HAMP 1252 Arya Udry is an Associate Professor of the University of Nevada Las Vegas.
Host Dara Laczniak

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.

PULSe OPEN HOUSE INVITATION – UNDERGRAD STUDENT OPPORTUNITY

Undergraduate students are invited to the PULSe Fall Open House on Thursday, October 6, 2022. PULSe (Purdue University Interdisciplinary Life Science Ph.D. Program) provides opportunities for an interdisciplinary graduate experience in the basic life sciences for Ph.D. students. Activities will include a meet the faculty session, lunch with current students, and a tour of lab facilities. Students will gain exposure to some of the current life science research at Purdue, while they...

http://www.eaps.purdue.edu/
are also given an opportunity to talk with faculty and students to familiarize themselves with the PULSe Program.

**Date:** Thursday, October 6, 2022  
**Time:** 9:00 - 3:30 PM  
**Location:** Lilly Hall of Life Science, Purdue University, West Lafayette, IN  
**Parking Available** in the Grant Street Parking Garage or the Harrison Street Parking Garage (passes will be provided at check-in).

Activities: Overview will begin at 9:30, including meet the faculty session, lab tours, lunch with students, and tour of campus facilities. Lunch will be provided.  
**RSVP.**  
**Questions:** 765-496-1635 or pulse@purdue.edu

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**PUBLICATIONS**

  https://doi.org/10.1515/pac-2021-1202.  
  https://doi.org/10.3847/PSJ/ac8670.

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**OUTREACH NEWS**

Don’t forget to submit any activities you do with K-12:  

**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**

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**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!

**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.

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

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

PROFESSIONAL GEOLOGISTS OF INDIANA - UNDERGRADUATE GEOLOGY FIELD CAMP SCHOLARSHIP ANNOUNCEMENT

Professional Geologists of Indiana (PGI) is pleased to announce a $500 scholarship to be awarded to a deserving undergraduate student to help offset the tuition costs associated with attending field camp. We would greatly appreciate your assistance in communicating this opportunity to applicable students at your Indiana institution! Application details are below.

Who can apply? Any undergraduate geology major enrolling in field camp for the 2023 summer.

How to apply? Craft a one-page (or less) PDF application that includes the following:
- an introduction about yourself,
- a description of the skills you are looking forward to learning at field camp, and
- a description of your future geological aspirations following completion of your degree.

Where to apply? Send your PDF application to: profgeologistsofin@gmail.com, and insert “student scholarship application” in the email subject line.

When to apply? All applications MUST be submitted by October 15, 2022 (11:59 PM EST). The recipient will be invited to attend the PGI annual meeting on November 9, 2022, in Indianapolis, Indiana, where PGI board members would like to introduce the scholarship recipient to other PGI members. The chosen recipient will be notified prior to the annual meeting.

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

COMMERICAL 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
Pasedena, 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
Meeting info

4TH INTERNATIONAL PLANETARY CAVES CONFERENCE
May 4-7, 2023
Haria Municipality, Lanzarote, Spain
Meeting info

ASTEROIDS, COMETS, & METEORS CONFERENCE
June 18-23, 2023
Flagstaff, AZ
Meeting info

POSITIONS AVAILABLE - CAREER OPPORTUNITIES

INDIANA EHS ADVISOR JOB POSTING
U.S. Compliance: Searching for high performing EHS professionals who want to make a

http://www.eaps.purdue.edu/
difference. Join our fast-growing EHS compliance firm to help us CARE for people, PROTECT the environment and GROW our clients’ business. 

POSTDOCTORAL APPOINTEE AT ARGONNE - 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.

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

http://www.eaps.purdue.edu/
Check here for available positions with the National Weather Service.

**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.