EAPS WEEKLY NEWSLETTER

September 26, 2022

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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 - NICOLE FERNANDEZ

Nicole Fernandez is an Assistant Professor at Cornell University
Thursday, September 29, 3:30 – 4:30pm
HAMP 1252
Host Emily Apel

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.

Fall Application Deadline: October 1
Spring Application Deadline: March 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 are also given an opportunity to talk with faculty.

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


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**OUTREACH NEWS**


**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](http://www.eaps.purdue.edu/)

**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](http://www.eaps.purdue.edu/) and [demos](http://www.eaps.purdue.edu/)
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

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!

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.

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.

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).

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
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;1 Indigenious 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

UNIVERSITY OF WISCONSIN-MADISON – PROFESSIONAL MASTERS PROGRAM

The Department of Atmospheric and Oceanic Sciences (AOS) at the University of Wisconsin-Madison wants to share info about their graduate program, specifically the Professional Master’s program. The Professional Master’s program is an accelerated, 1-year, 30-credit M.S. program. Instead of completing research and compiling a thesis, students focus on professional development throughout the year along with completing core courses, technical electives, and a pathway specialization. Before their August graduation, students participate in a summer internship/job to gain experience within the field. Currently, the program offers four specialized pathways:

- Forecasting & Modeling
- Climate Science, Risk Management, & Communication
- Air Quality Science & Regulation
- Satellite Meteorology

More info | contact info

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

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

POSITIONS AVAILABLE - CAREER OPPORTUNITIES

INDIANA EHS ADVISOR JOB POSTING
U.S. Compliance: Searching for high performing EHS professionals who want to make a difference. Join our fast-growing EHS compliance firm to help us CARE for people, PROTECT the environment and GROW our clients' business. Link to posting.

HYDROLOGIST
The USGS OKI Water Science Canter has an opening for an entry level recent graduate hydrologist in the Columbus, Ohio office. Work will be focused in both groundwater data collection and analysis and water quality sample collection. Applications will be accepted through September 26th, 2022. Link to posting.

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

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

**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.