EAPS WEEKLY NEWSLETTER

November 14, 2022

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 – YARROW AXFORD

NoVembeR 17, 2022
Virtual
3:30 – 4:30 p.m.
Yarrow Axford is an Associate Professor at Northwestern University
Host: Allie Jo Koester

CIC AWG LOCAL HAPPY HOURS
We are excited to announce our next CIC AWG event, a local happy hour on December 1 from 4:30 - 6:00! We will be holding the event simultaneously in three locations: Indianapolis, Bloomington, and West Lafayette. The happy hour will be an informal time to get to meet with friends and colleagues. Bring friends and feel free to drop in any time during the event. We have also been on the hunt for a logo for our chapter, so we will have materials for sketching/coloring your ideas!
Locations:
Indianapolis: Guggman Haus Brewing Co
Bloomington: Switchyard Brewing Company
West Lafayette: Big Woods

PURDUE UNIVERSITY GEOLOGICAL SOCIETY (PUGS) T-SHIRTS FOR SALE

PUGS, a geological student group at Purdue, is selling t-shirts to raise funds for their student organization. Orders are due Nov. 14, 2022 with a projected cost of $10 to $15. To order your PUGS shirt(s), please contact Austin Rushinsky, arushins@purdue.edu, with your full name and t-shirt size. He will email you back regarding payment and order timeframe once PUGS gets sufficient orders.

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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.

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


OUTREACH NEWS

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

Did you know that Outreach is working on an online science demonstration repository? If you know a science demo that educators would enjoy, let us know!

Follow us on Social media to see now demos on Fridays.

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

SUPERHEROES OF SCIENCE

http://www.eaps.purdue.edu/
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. You can also visit the program website to learn more and/or 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.

**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

**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
Pasedena, CA/Virtual

VENUS SURFACE AND ATMOSPHERE CONFERENCE
January 30 – February 1, 2023
Change of Conference Location-
Houston, TX/Virtual

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

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

BRINES ACROSS THE SOLAR SYSTEM: ANCIENT AND FUTURE BRINES CONFERENCE
May 15-18, 2023
Reno, NV

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

2nd INTERNATIONAL ORBITAL DEBRIS CONFERENCE
Dec. 4-7, 2023
Houston, TX / virtual

POSITIONS AVAILABLE - CAREER OPPORTUNITIES

MULTIPLE POSITIONS OPEN WITH ENVIROFORENSICS
EnviroForensics is hiring! We’re looking for motivated and collaborative individuals to join us as a Project Manager (Indianapolis or Louisville), Staff Professional (Indianapolis), Field Professional (Indianapolis), and Field Technician (Indianapolis). If you’re interested in joining our team, visit our Careers and apply today!

http://www.eaps.purdue.edu/
scales. CWG also owns/manages the StormVista weather models services. CWG has a very high client retention rate with extremely low employee turnover and is looking for another great addition to its dedicated weather team. The open organizational structure allows all team members to play a significant role in the future growth and development of the company. Send Cover Letters and Resumes to applications@commoditywx.com Decision will be made in December 2022 with start date in early January 2023.

**SENIOR GEOSCIENTIST AT FREEPORT-MCMORAN**
Freeport-McMoRan is a leading international mining company with headquarters in Phoenix, Arizona. We operate large, long-lived, geographically diverse assets with significant proven and probable reserves of copper, gold, and molybdenum. The company has a dynamic portfolio of operating, expansion and growth projects in the copper industry. Freeport-McMoRan is one of the world’s largest publicly traded copper producers, the world’s largest producer of molybdenum and a significant gold producer. We have a long and successful history of conducting our business in a safe, highly efficient and socially-responsible manner. Please note: This position has the possibility to work remotely up to 100% of the time. Apply here.

**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.

**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**

[Link to posting.]

[Learn more here.]
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.

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 5:00 pm 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.