EAPS WEEKLY NEWSLETTER
July 11, 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

PUBLICATIONS


OUTREACH NEWS

This semester we are scheduling live events for K-12 students again! For both our Hands-on Purdue Science programs (HOPS and AP Fridays) we are offering classrooms the following themes

Wednesdays and Fridays in May: Investigating Water Quality

Check out the online labs and resources outreach has created.

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

Are you heading out for field work soon? If so, take some video footage or photos for outreach to use for teaching about the amazing things that we research!

NEWS/OPPORTUNITIES AT PURDUE

STUDENTS WANTED: EVER WANTED TO BE AN ASTRONAUT?

Space & Earth Analogs Research Chapter of Purdue (SEARCH), a newly founded organization responsible for making the Mars Desert Research Station (MDRS) project happen for this year’s season, where a crew of seven Purdue students will spend 2 weeks in the desert performing scientific experiments to simulate Mars. Looking for students from the following areas who might be interested in participating in this exciting project:

- Earth, Atmospheric and Planetary Sciences

http://www.eaps.purdue.edu/
The selection forms can be found at tinyurl.com/eac8bafa and will be open until the 24th of July. The mission will happen in January 1-14, 2023.

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

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

MEETINGS/EXPOS OUTSIDE OF PURDUE

ANCIENT VENUS CONFERENCE
JULY 25-27, 2022
Lunar and Planetary Institute
Houston, Texas/Virtual
Meeting Info

13TH PLANETARY CRATER CONSORTIUM MEETING
August 10–12, 2022
Southwest Research Institute
Boulder, CO/Virtual
Meeting Info

85TH ANNUAL MEETING OF THE METEORITICAL SOCIETY
August 14–19, 2022, Glasgow, Scotland
Meeting Info

ANNUAL MEETING OF THE LUNAR EXPLORATION ANALYSIS GROUP
August 23–25, 2022
Johns Hopkins University Applied Physics Laboratory, Laurel, MD/Virtual
Meeting Info

BRINES ACROSS THE SOLAR SYSTEM: ANCIENT BRINES
September 12–15, 2022
Reno, Nevada/Virtual
Meeting Info
Call for abstracts
Abstract submission deadline: July 12, 2022, 5:00 p.m. U.S. Central Daylight Time (GMT -5)

EXTRATERRESTRIAL MATERIALS ANALYSIS GROUP (ExMAG) FALL MEETING
October 12–13, 2022
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
Pasadena, CA/Virtual Meeting Info

20TH MEETING OF THE VENUS EXPLORATION
ANALYSIS GROUP (VEXAG)
November 7-9, 2022
Pasadena, California/Virtual Meeting Info

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

POSITIONS AVAILABLE-CAREER OPPORTUNITIES

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.

ASTROCAMP
AstroCamp is looking for graduating students (undergraduate or graduate) for a full-time program instructor position for physical sciences

http://www.eaps.purdue.edu/
and astronomy concepts at their outdoor science school in California. Link to job 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.