EAPS WEEKLY NEWSLETTER
August 5, 2024

OUTREACH NEWS
If you have not done your STEM Career video yet, please set up a time with Steven to record it. It should only take you ~10 minutes to record the video. Here is a great example from Jonathan Delph
Link to the repository with all of the recorded STEM Career videos: https://purdue.link/STEMrepository

If you or your group has worked with or helped with an activity for K-12 students or teachers, please fill out the departmental outreach activity form. https://bit.ly/EAPSOut

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

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

CONGRATS, KUDOS, COOL STUFF, AND THUMBS UP!

• Congratulations to the team of Roger Wiens for earning a NASA Planetary Instrument Technology Development Grant!
• Congratulations to alumnus Paul Krishna for being named chair of Ipieca!

PUBLICATIONS

• Olson, Elizabeth J., Lisa R. Welp, Marty D. Frisbee, Sebastián A. Zúñiga Medina, Odiney Alvarez-Campos, Wendy R. Roque Quispe, Carol I. Salazar Mamani, Midhuar R. Arenas Carrión, José Díaz Rodríguez, Juan M. Jara Gonzalez, Alexander Ccancapa-Cartagena, and Chad Jafvert. 2024. “Spatially Heterogeneous Discharge of Glacial Meltwater to Drainages Surrounding the Ablating Coropuna Ice Cap, Peruvian Andes.” Hydrological Sciences
NEWS/ OPPORTUNITIES AT PURDUE

EAPS 1 MINUTE MADNESS RESEARCH BLITZ
Our first colloquium will be our annual 1-minute-madness research blitz on Thursday, August 22nd at 3:30 pm in HAMP 1252, and will be presented by you!!

This is a great opportunity to briefly and informally share your research with the department and introduce yourself to the new members of the department. **We encourage everyone to present (including first-year graduate students)! And attend this in-person research social.**

The presentation style and content are up to you – however, you are only allowed one slide and 60 seconds to present. Violators may be (gently!) buzzed off stage, so please practice timing yourself beforehand. And of course, there will be a prize for the best student and faculty presentation! Please **[submit your slide and abstract here](#)** by midnight on Wednesday, August 21st.

EAPS GRAD STUDENT RESEARCH OPPORTUNITIES
If you are interested in an EAPS grad research opportunity, **[click here](#)** for more information.

MEETINGS/ EXPOS/ OPPORTUNITIES OUTSIDE OF PURDUE

**UCAR STUDENT OPPORTUNITIES WEBSITE**
Check the opportunities website for opportunities at UCAR.

**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](http://www.nas.edu/afstfp)**.

**AWG BRUNTON AWARD AND BRUNTON FIELD PROJECT AWARD**
The AWG Brunton Award and Brunton Field Project Award promote the future of field mapping and data acquisition for the upcoming generation of people whose gender identity has been historically underrepresented in the geosciences. Applicants should have a passion for and exceptional experience with field work, including internships, field camp, coursework with a field-based research component, or research. The AWG Brunton Award has been active for >20 years and provides Brunton compasses to 1–2 awardees each year. The AWG Brunton Field Project Award started in 2022 and awards a Brunton compass and up to $1000 to support field activities to each of 1–2 awardees each year. **Learn more here**. **Deadline for entry is Dec. 15th of each year.**
MODERN SEM TECHNIQUES WORKSHOP  
August 12-14, 2024  
Lunar and Planetary Institute  
Houston, TX  
Meeting info

56th LUNAR PLANETARY SCIENCE CONFERENCE  
March 10-14, 2025  
The Woodlands, Texas / Virtual  
Meeting info

2ND WORKSHOP ON TERRESTRIAL ANALOGS FOR PLANETARY EXPLORATION  
August 14-16, 2024  
Flagstaff, Arizona / Virtual  
Meeting info

ANNUAL MEETING OF PLANETARY GEOLOGIC MAPPERS  
August 14-16, 2024  
Flagstaff, Arizona / Virtual  
Meeting info

GOLDSCHMIDT 2024  
August 18-23, 2024  
Chicago, IL  
Meeting info

LUNAR SURFACE SCIENCE WORKSHOP 24  
August 20, 2024  
Virtual  
Meeting info

ASTROBIOLOGY AND THE FUTURE OF LIFE MEETING  
October 16-18, 2024  
Houston, Texas / Virtual  
Meeting info

MARS EXPLORATION PROGRAM ANALYSIS GROUP (MEPAG)  
November 6-7, 2024  
Virtual  
Meeting info

OUTER PLANET ASSESSMENT GROUP (OPAG) MEETING  
November 6-8, 2024  
Virtual  
Meeting info

2024 AGU ANNUAL MEETING  
December 9-13, 2024  
Washington, DC  
Meeting info

ITOKAWA AND THE DAWN OF ASTEROIDAL SAMPLE RETURN WORKSHOP  
January 28-30, 2025  
Houston, Texas

POSITIONS AVAILABLE - CAREER OPPORTUNITIES

- Tenure-track asst. professor – Dept. of Marine, Earth, and Atmospheric Sciences (MEAS) at NC State University
- Aviation Meteorology Assoc. Professor - University of Oklahoma. Contact search chair Dr. Jens Redemann (jredemann@ou.edu)
- Assistant Instructional Professor – UChicago
- Senior Instructional Professor – UChicago
- Tenure-track Meteorology Faculty Position – Valparaiso University
- NYS Mesonet Field Technicians
- Multiple Positions with Enviroforensics
- PURDUE STUDENT OPPORTUNITY: Purdue Envision Center recruiting EAPS students
- Meteorology and Atmospheric Science – multiple positions from various companies
- AGI Geoscience Job Center – multiple positions
- Gradient Corp – multiple opportunities, contact Qian Zhang
- National Weather Service – multiple opportunities

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.

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