

EAPS WEEKLY NEWSLETTER

June 3, 2024

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EAPS MEETINGS & EVENTS

[PURDUE REGISTRAR CALENDARS](#)

[EAPS SEMINARS AND EVENTS CALENDAR](#)

[EAPS K-12 OUTREACH CALENDAR OF EVENTS](#)

[REPORT YOUR OUTREACH AND ENGAGEMENT
ACTIVITIES](#)

PUBLICATIONS

- **Liu, X.**, Herold, N., and **Huber, M.** 2024. Atlantic Meridional Overturning Circulation Influence on the Annual Mean Intertropical Convergence Zone Location in the Miocene. *Geophysical Research Letters*.
<https://doi.org/10.1029/2024GL109159>
- Xu, G., Rencurrel, M., Change P., **Liu, X.**, Zhang Q., Danabasoglu G., Yeager S., Rosenbloom N., Castruccio F., Steele M., Weijer W., Li, Y. 2024. High-resolution modelling identifies the Bering Strait's role in amplified Arctic warming. *Nature Climate Change*.
<https://doi.org/10.1038/s41558-024-02008-z>

NEWS/OPPORTUNITIES AT PURDUE

EAPS GRAD STUDENT RESEARCH OPPORTUNITIES

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

OUTREACH NEWS

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!

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MEETINGS/EXPOS/ OPPORTUNITIES OUTSIDE OF PURDUE

EAPS ON THE ROAD!

Professors Darryl Granger, Nat Liffon, and Marissa Tremblay, as well as PhD students Moe Mijum and Xianmei Huang, attended the 6th Workshop on Cosmogenic Nuclides (COSMO 2024) in Cologne, Germany, May 20-24, 2024. Darryl and Marissa were two of the invited keynote speakers for the workshop, and all five Purdue participants gave talks.



SCIENTISTS IN THE PARK INTERNSHIP OPPORTUNITIES

Applications are currently open until June 16!

We welcome aspiring professionals to apply and we invite the full participation of individuals currently being underserved in STEM career fields. This includes, but is not limited to, individuals from racially and/or ethnically diverse communities, individuals with disabilities, individuals from LGBTIQ+ communities, and individuals who experience intersectionality with one or more of these identities.

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.

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.**

8th INTERNATIONAL CONFERENCE ON MARS POLAR SCIENCE AND EXPLORATION

July 8-12, 2024

Whitehorse, Yukon, Canada

[Meeting info](#)

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10th INTERNATIONAL CONFERENCE ON MARS

July 22-25, 2024

CalTech in Pasadena, CA

[Meeting info](#)

METSOC 2024

July 28-Aug. 2, 2024

Brussels, Belgium

[Meeting info](#)

MODERN SEM TECHNIQUES WORKSHOP

August 12-14, 2024

Lunar and Planetary Institute

Houston, TX

[Meeting info](#)

GOLDSCHMIDT 2024

August 18-23, 2024

Chicago, IL

[Meeting info](#)

**ITOKAWA AND THE DAWN OF ASTEROIDAL
SAMPLE RETURN WORKSHOP**

January 28-30, 2025

Houston, TX

[Meeting info](#)

POSITIONS AVAILABLE- CAREER OPPORTUNITIES

VISITING PROFESSOR FOR PURDUE EAPS

[LINK](#)

**UNIVERSITY OF OK – AVIATION METEOROLOGY
ASSOC. PROFESSOR**

The School of Meteorology and School of Aviation at the University of Oklahoma have an open tenure-track position at the Associate Professor level focused on Aviation Meteorology. [full announcement is here](#). Reach out to the search chair Dr. Jens Redemann (jredemann@ou.edu) with any questions.

UCHICAGO – TWO POSITIONS AVAILABLE

- Assistant Instructional Professor (<https://apply.interfolio.com/136612>)
- Senior Instructional Professor (<https://apply.interfolio.com/137371>).

These are career-track (although not tenure-track) teaching positions.

**TENURE TRACK METEOROLOGY FACULTY POSITION -
VALPARAISO UNIVERSITY**

We are excited to announce an opening for a Tenure Track Assistant Professor of Meteorology at Valparaiso University starting in August 2024. We especially need someone for mesoscale meteorology at the undergraduate level.

[Apply here](#).

NYS MESONET FIELD TECHNICIANS

[NYS Mesonet](#) is hiring a field technician position to maintain and repair 126-site standard network and 85 subnetwork sites. Competitive pay + benefits, learn more and [apply here](#).

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! [Click here to apply](#)

METEOROLOGIST POSITIONS AVAILABLE

TEGNA

Multiple [meteorology positions](#) are open with TEGNA.

**PURDUE ENVISION CENTER
RECRUITING EAPS STUDENTS**

The Envision Center is recruiting 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 [Qian 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](#).