

EAPS WEEKLY NEWSLETTER

September 15, 2025

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EAPS MEETINGS & EVENTS

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CONGRATS, KUDOS, COOL STUFF, AND THUMBS UP!

- Congratulations to all those who were on the Spring and Summer 2025 teaching honor rolls!
- Congratulations to Ayobami Oladapo for being elected as one of the student representatives for the GSA Hydrogeology Division for the next 2 years!
- *If you need a professional photo taken, please contact [David Siple](#) (EAPS Communications Specialist). We have several students without a photo on our website, and we want to see your smiling faces! 😊

NEWS/OPPORTUNITIES AT PURDUE

EAPS SEMINAR

Thursday, September 18th, 3:30 pm in HAMP 1252.

Ali Bramson, assistant professor in EAPS. Dr. Bramson will be giving her tenure talk entitled "**Decoding the past, present, and future of worlds in our Solar System via their subsurface records.**" Hosted by the Seminar Committee.

EAPS UNDERGRAD STUDENT RESEARCH OPPORTUNITIES

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

EAPS GRAD STUDENT RESEARCH OPPORTUNITIES

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

WESTWOOD LECTURE SERIES WITH MICHELLE THOMPSON

Purdue President Mung Chiang has announced the fall lineup for the [Westwood Lecture Series](#), which provides an opportunity for university faculty to interact with colleagues on scholarly work from a wide range of fields. Each lecture will take place from **4:30-5:30 p.m. at Westwood**, the Purdue president's residence.

Michelle Thompson will be speaking on **November 11** and will present findings from the analysis of asteroid Bennu samples returned by NASA's OSIRIS-REx mission.

ClimART COMPETITION FOR PURDUE EAPS (and COLLABORATORS)

ClimART is a friendly climate and art competition for Purdue EAPS (and collaborators). This event celebrates both the art within your research and the science-inspired art you create for fun! We believe art is a powerful way to say "Hey, this is me" even on paper.

Wednesday, October 22, 2025, from 2:30 to 4:00 pm in HAMP 2201. **The deadline to submit a piece is 11:45 pm on October 21.**

The [QR code](#) will send you to the Microsoft 365 form, where you can see a little bit more about the event and submit your work.

If you have any questions, feel free to contact Jose A. Ocegueda Sanchez (jocegue@purdue.edu) or

Ka Ying (ho234@purdue.edu), who is helping with the event organization.

COMMUNITY CONNECTIONS

This event will be on **September 18 from 6-8 pm** in the Black and Gold gyms in the CoRec and is an event to help welcome new and returning Boilermakers to campus.

EAPS has had a presence for the last several years, and we are looking for up to four people to help lead our department's presence.

Let Ali Bramson know if you'd like to help out.

FALL UNDERGRADUATE RESEARCH ROUNDTABLE

Wednesday, September 24, from 2-5 pm (virtually).

The [Research Roundtable](#) is a research "job fair" that invites research mentors and programs seeking students to host a booth where students seeking opportunities can learn more about what is available. [Register today](#) for a virtual booth to receive updates on how to access the site and connect with students interested in research.

PURDUE'S NATIONAL AND INTERNATIONAL SCHOLARSHIPS OFFICE (NISO) WEEK

Purdue's National and International Scholarships Office holds information sessions and callouts for all of the scholarships and grants our office handles – and a few more.

NISO Week is **September 22-26**. NISO week is a bundled week of information sessions on the distinguished awards NISO coordinates and how to secure our campus endorsement.

Click [here](#) for more information.

OGSPS IS NOW ACCEPTING SUBMISSIONS FOR THE 2025-26 EDITION OF INNOVATED

On The Office of the Vice Provost for Graduate Students and Postdoctoral Scholars (OGSPS) is now accepting submissions for the 2025-26 edition of InnovatED, our online magazine celebrating the innovative research and real-world impact of Purdue's graduate students and postdocs.

Each year, we feature 10 exceptional scholars whose work embodies the Boilermaker spirit—bold, driven, and committed to making a difference.

Submission Deadline: Friday, September 26, 2025, at 11:59 p.m. (ET)

Learn more and submit [here](#).

19TH ANNUAL STUDENT-LED ECOLOGICAL SCIENCES AND ENGINEERING (ESE) SYMPOSIUM

The theme of [Ripple Effect: Act Locally, Inspire Globally](#) will be taking place **September 26-27, 2025**. Our two-day event will focus on tangible skills building and local action, sparking a ripple of climate optimism within and beyond the Purdue community. Our schedule will feature a [Graphical Abstract Workshop with a lunch and learn](#), a [Creative Works Competition](#), [Brain Blast Trivia Night](#), and [GrowLocal volunteering event](#).

GSA SOCIAL COMMITTEE EVENTS

The GSA Social Committee is back again with another set of fun events which can be found on the flyer attached :). Our first one will be on **Saturday, September 27th** at [Wea Creek Orchard](#) from 10 am - 1 pm. Come along for apple picking, wagon/tractor rides, flower picking and other fall festivities! It's a free event, but you can also stop by their shop to grab some honey, preserves, jellies, etc.

Here is a [google form](#) to gauge interest so we can provide them with an estimate of the number of people who will be attending. If you could fill this out by [September 21st](#), that would be great.

SCIENTIFIC MACHINE LEARNING: THEORY, ALGORITHMS, AND APPLICATIONS

On **September 27-28, 2025**, a two-day workshop will be hosted by the Center for Computational and Applied Mathematics (CCAM) at DSAI, Purdue West Lafayette campus. More information about the workshop, please visit the [workshop website](#). This event is supported by ONR and CCAM.

2025 FALL UNDERGRADUATE RESEARCH EXPO

November 17-21 (See link above for more details)

The [Fall Expo](#) hosts undergraduate researchers to showcase the scholarly work and creative endeavors through posters, talks, and/or virtual presentations! The [application site](#) will open early September with **abstracts due October 16**. Please consider inviting students you mentor to present.

IWRRC LAUNCHES THE INDIANA WATER FELLOWS PROGRAM

The Indiana Water Fellows Program is an academic-year long program for undergraduates, designed to increase their exposure to critical water topics and available careers in Indiana's water workforce. We are looking for students who connect water to a wide range of fields - including sustainability, agriculture, energy, public health, policy, ecology, engineering, recreation, conservation, community,

and more. There is no single "right" background for this program - their story and their unique connection to water are what matter most. The IWRRRC is piloting this program at Purdue University. Each participant can expect:

- **\$1000 stipend** - Each Water Fellow receives \$1,000 stipend per academic year to participate.
- **Learning Community** - Be a part of an interdisciplinary cohort of students with similar interests
- **Attendance at a water conference in Indiana for FREE** - Fellows will attend one conference per academic year where you will develop networking and public speaking skills. Travels expenses and registration costs are covered.
- **Connection with Water Experts** - Fellows will connect with Indiana water experts through monthly meetings
- **Connection to water internships and jobs** - Fellows will learn about potential career options in the water field and make connections with employers with possible internships and job opportunities.

Applications are now open and available at <https://iwrrc.org/indiana-water-fellows/> until **October 16, 2025**.

If you have additional questions or concerns, please contact either Dr. Keith Cherkauer, Director, at cherkaue@purdue.edu, or Laura Esman at lesman@purdue.edu.

GER2I 2026 SUMMER RESIDENTIAL CAMPS TEACHER RECRUITMENT

If you are looking for funding source during summer 2026, we welcome and invite you to teach for Purdue's Gifted Education Research and Resource Institute (GER2I) in our 1-, 2- or 4-week Summer Residential Camps (SRES), **June 28 - July 25, 2026**, for students with high ability in 5th-12th grades. We are seeking high-quality educators with experience in the STEM fields and/or the humanities to design their own course (30 hours of instruction) to share their expertise with our campers.

If you are interested in this opportunity to interact with students with high ability, please complete this teacher application

(https://purdue.ca1.qualtrics.com/jfe/form/SV_0PN_Cv028itOjTOy). **The deadline for proposing a course for the Summer Residential Program is Wednesday, October 1, 2025.** Please note that you do not have to submit full lesson plans with the application. If you are new to our program, we will schedule an

interview with you to learn more about your course as well as contact your references.

If you have any questions about becoming an instructor, or if you would like more information about our camp, please feel free to contact Brendha Tanujaya, SRES Program Coordinator, at geri@purdue.edu or btanujay@purdue.edu.

FEDERAL FUNDING UPDATES

This site provides important information and updates from federal agencies that impact the Purdue University research enterprise.

<https://government-transition.research.purdue.edu/>

UNIVERSITY OF SCOUTING - GEOLOGY/OCEANOGRAPHY MERIT BADGE

On **Saturday, 6 December**, Scouting America (formerly Boy Scouts of America) will host a University of Scouting event on Purdue's campus. They are looking for volunteers who can teach the geology or oceanography merit badges (see attached). Courses can run 9am-12pm or 1-4pm. If you are interested, please reach out to Byron Haverstick, Chief Operating Officer of the Sagamore Council, at Byron.haverstick@scouting.org. He will work with you on supplies, pre-work from the scouts, background checks, etc.

DEFENSE CIVILIAN TRAINING CORPS - PURDUE UNIVERSITY

Purdue's Defense Civilian Training Corps (DCTC) is a new program that will build civilian careers in the Department of Defense relating to acquisition, digital technologies, critical technologies, science, engineering, and finance and more. The Defense Civilian Training Corps is a scholarship-for-civilian service award.

STREAMLINE CLIMATE & ATMOSPHERIC DATA ACCESS AT PURDUE

To better facilitate the atmospheric and climate science research within the Purdue community, RCAC is assessing the interest and current usage of key datasets and models. Our goal is to continue to grow centralized, ready-to-use data repository and pre-installed models in our cluster environment. This will reduce redundancy, streamline access, and optimize both time and resources across research groups. Please take the time to put your input in the survey link:

https://purdue.ca1.qualtrics.com/jfe/form/SV_3K91QLGCvyrCGwu

51 PEGASI B FELLOWSHIP

Purdue University is proud to be a host institution for the **Heising-Simons Foundation 51 Pegasi b Fellowship**, and we have 17 faculty mentors from the College of Science.

The 51 Pegasi b Fellowship provides postdoctoral scientists with the opportunity to conduct theoretical, observational, and experimental research in planetary astronomy.

The 51 Pegasi b 2025/2026 application period is now open. Applicants will be notified about the status of their applications by mid-February. Interested candidates are asked to submit an [online application here](#).

Check out our new website on the EAPS webpage here:

<https://www.eaps.purdue.edu/research/51pegbfellowship.html>

You can also email [Alexandria Johnson](#), who is Purdue's institutional contact.

NASA HUBBLE FELLOWSHIP PROGRAM

Purdue University has been officially named a host site for the [NASA Hubble Fellowship Program \(NHFP\)](#), opening the door for top postdoctoral scientists to carry out independent astrophysics research on campus.

The competitive program is open to applicants who have completed their doctoral degree on or after Jan. 1, 2022. Applications for the next cycle are due **Oct. 29, 2025**, with offers expected in February 2026. Appointments begin Sept. 1, 2026. Go to the [NASA Hubble Fellowship Program](#) website for more information and to apply.

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](#).

Game night is the third Friday of each month.

Time: 6:00 PM to 9:00 PM.

Location: HAMP 2244

Ongoing:

- Purdue University Kids STEM Degree
- Science From the Expert

See all of our videos on the Superheroes of Science YouTube channel:

<https://www.youtube.com/c/SuperheroesofScience>

Social sites:

[Instagram](#)

[Facebook Superheroes of Science](#)

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- **Hamill, C.D. , A.V. Johnson**, M. Lodge, P. Gao, **R. Nag**, N. Batalha, D.A. Christie, and H.R. Wakeford (2025): The Effects of Cuboid Particle Scattering on Reflected Light Phase Curves: Insights from Laboratory Data and Theory. *ApJ* **987** 176. Doi: 10.3847/1538-4357/add7cf
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MEETINGS/EXPOS/ OPPORTUNITIES OUTSIDE OF PURDUE

IAGD STUDENT PATHWAYS SCHOLARSHIP NOW OPEN

The International Association for Geoscience Diversity (IAGD) is now accepting applications for our Student Pathways Scholarship for the Fall 2025 cycle with a deadline of September 30th. This scholarship is a one-time award of \$750 for students with disabilities pursuing fields of studies within the geosciences. **The deadline is September 30th.** The scholarship is open to both full-time and part-time undergraduate and graduate students and can be used to cover the cost of tuition, rent, bills, or other

financial obligations. [The direct link to the application form is here.](#)

If you have any questions, please reach out to the Chair of the Student Community Katelyn Frizzell kfrizze@asu.edu or alex.bearden@berkeley.edu.

2026 NSF NCAR GRADUATE VISITOR PROGRAM (GVP) FELLOWSHIP

Dline The NSF NCAR Advanced Study Program (ASP) is pleased to announce that we are now accepting applications from graduate students for the 2026 Graduate Visitor Program (GVP) Fellowship.

The **NSF NCAR Advanced Study Program (ASP) Graduate Visitor Program (GVP) Fellowship**, hosted by **NSF NCAR Education, Engagement, and Early-Career Development (EdEC)**, offers an excellent opportunity for graduate students to spend time at NSF NCAR working on their thesis, dissertation, or final project equivalent, with guidance from NSF NCAR scientists and engineers. The GVP also provides a chance to develop research collaborations at NSF NCAR and to participate in professional development workshops and seminars. The fellowship covers travel expenses and provides a housing allowance for visits from 2 to 3 months. Visits longer than 3 months can be accommodated if the graduate student has additional co-sponsorship funds (either from their university or from their NSF NCAR collaborator). Additionally, the fellowship supports travel for the student's advisor for a one-week visit during the student's time at NSF NCAR.

Apply/Nominate [here](#). Applications close November 9th, 2025.

DOE'S OFFICE OF SCIENCE IS NOW ACCEPTING APPLICATIONS FOR GRADUATE STUDENT RESEARCH AWARDS

The U.S. Department of Energy's (DOE) Office of Science is pleased to announce that the Office of Science Graduate Student Research (SCGSR) program is now accepting applications for the 2025 solicitation 2 cycle. **Applications are due on Wednesday, November 5, 2025, at 5:00 p.m. ET.** SCGSR application assistance workshops will be held on September 11, 2025, 2:00 p.m.–3:30 p.m. ET ([register on Zoom](#) for the first workshop) and October 9, 2025, 2:00 p.m.–4:30 p.m. ET ([register on Zoom](#) for the second workshop). More information on the SCGSR program can be found by visiting the [SCGSR program website](#), by [emailing the SCGSR team](#).

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.

RECRUITMENT FOR CoCoRaHS

The Community Collaborative Rain, Hail, and Snow Network (CoCoRaHS) is looking for more weather observers throughout Indiana and beyond. By participating in CoCoRaHS, farmers contribute valuable data that supports better agricultural decisions, weather-related products, and faster recovery during severe weather events. The application for U.S. participants is at <https://www.cocorahs.org/application.aspx>

FROM CHEMISTRY TO LIFE: CLUES FROM EARTH EXPERIMENTS AND SPACE

Thursday, September 18, 2025

[Virtual Meeting Info](#)

WORKSHOP ON BENNU AND RYUGU: SAMPLES FROM THE EARLY SOLAR SYSTEM

October 7-9, 2025

Houston, TX / Virtual

[Meeting info](#)

AMERICAN GEOPHYSICAL UNION (AGU) 2025

December 15-19, 2025

New Orleans, LA

[Meeting info](#)

SECOND WORKSHOP ON ICES IN THE SOLAR SYSTEM

January 5-7, 2026

Montreal, Canada

[Meeting info](#)

106TH AMS ANNUAL MEETING

January 25-29, 2026

Houston, TX / Virtual

[Meeting info](#)

POSITIONS AVAILABLE- CAREER OPPORTUNITIES

- [Assistant Professor of Meteorology-Aviation](#) – Tenure-Track University of Oklahoma, Norman, OK
- [Future Faculty in the Physical Sciences \(FFPS\) Fellowship](#) – Princeton
- [Multiple Positions](#) with Enviroforensics
- 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 [David Siple](#) **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](#).