

# EAPS WEEKLY NEWSLETTER

February 13, 2023

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## EAPS MEETINGS & EVENTS

[PURDUE CALENDAR 2023](#)

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

[REPORT YOUR OUTREACH AND ENGAGEMENT ACTIVITIES](#)

## OUTREACH NEWS



1-Minute Video Contest: The Science Around Us! Submit your own 1-minute video and be entered to win prizes! For more information and to see the categories for prizes and glory visit the Superheroes of Science web page: <https://lnkd.in/gaMPJYBp> Superheroes of Science is looking for the best video to represent [#Purdue](#) and inform high school students about the campus, degrees, your content, or just something awesome. Videos submitted between now and Spring Break will be entered into our Spring 2023 1-minute video contest sponsored by Purdue University Superheroes of Science. All submitted videos, and organizations submitting multiple videos, will be considered for a variety of awards. Winners will be announced after Spring

Break. Get filming, submit your videos to us, and be sure to watch, like and share your videos on social media - Good luck!

Don't forget to submit any activities you do with K-12:

<https://bit.ly/EAPSOOut>

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:

[Twitter](#) [Facebook](#) [EAPS Outreach](#) [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!

On Apple: [https://bit.ly/SOS\\_apple](https://bit.ly/SOS_apple)

On Spotify: [https://bit.ly/SOS\\_spotify](https://bit.ly/SOS_spotify)

On Amazon: [https://bit.ly/Superheroes\\_amazon](https://bit.ly/Superheroes_amazon)

## NEWS/OPPORTUNITIES AT PURDUE

### US SUMMIT ON TRANSFORMATIVE EDUCATION ONLINE, FEBRUARY 23RD TO 25TH, 2023

In response to a current crisis in education in the US and worldwide, SDSN USA's Mission 4.7 Community of Practice seeks to convene leaders in education from across the country for the [United States Summit on Transformative Education](#). Dr. Wen-wen Tung of Purdue EAPS helps organize this event.

### EAPS BAKE OFF!

The EAPS GSA social committee is soliciting participants for our first EAPS Bake Off! The theme is EAPS-centric baked goods (this can be interpreted

however you'd like, but you will be scored on creativity)! [If you are interested in being a baker, please fill out this form here.](#) Details of how the Bake-Off will work are [outlined HERE](#) (we are soliciting judging volunteers, please click on the link to see details!). **We will be closing the form in two weeks (2/21)**, and will send reminders as the date approaches.



**SPEAKER - MÉLANIE BARBONI**

**Monday, February 20, 10:30 – 11:30am**

Mélanie Barboni is from Arizona State University.

In person - HAMP 2201

**Purdue Computational Interdisciplinary Graduate Program (CIGP) Seminar and GeoData Science**

**Special Seminar**

**SPEAKER – EAPS EMERITUS BOB NOWACK**

**Wednesday, February 15, 3:30pm**

[Virtual](#)

**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

**STEM TEACHER RESIDENCY PROGRAM**

**BECOME A STEM TEACHER IN 18-MONTHS**

Purdue's Indianapolis STEM Teacher Residency program, in partnership with Indianapolis Public

Schools, aims to strengthen the educational outcomes of students in one of the largest urban school districts in Indiana. We will prepare you to become a culturally competent, highly qualified teacher who will elevate student achievement in middle and high school science, technology, engineering, and mathematics (STEM). After successfully completing the program, graduates must commit to a three-year STEM-related teaching position with Indianapolis Public Schools.

**GET PAID TO CONTINUE YOUR EDUCATION**

- Stipend: \$46,500
- Program Cost: (\$16,875)
- Remaining Stipend for Living Expenses: \$29,625

**100% ONLINE COURSEWORK AND IN-PERSON STUDENT TEACHING**

- Master of Science in Secondary STEM Education
- Graduate Certificate in K-12 Integrated STEM
- Education
- Initial Teaching Licensure

[Learn more.](#)

**EAPS GRAD STUDENT RESEARCH OPPORTUNITIES**

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

**PUBLICATIONS**

- Koester, A. J. and Lifton, N. A.: Technical note: A software framework for calculating compositionally dependent in situ <sup>14</sup>C production rates, *Geochronology*, 5, 21–33, <https://doi.org/10.5194/gchron-5-21-2023>, 2023.
- Jane L. Andersen, Jennifer C. Newall, Ola Fredin, Neil F. Glasser, **Nathaniel A. Lifton**, Finlay M. Stuart, Derek Fabel, **Marc Caffee**, Vivi K. Pedersen, **Alexandria J. Koester**, Yusuke Suganuma, **Jonathan M. Harbor** & Arjen P. Stroeven., A topographic hinge-zone divides coastal and inland ice dynamic regimes in East Antarctica. *Commun Earth Environ* 4, 9 (2023). <https://doi.org/10.1038/s43247-022-00673-6>
- Dundas, C.M., M.T. Mellon, L.V. Posiolova, K. Miljković, G.S. Collins, L.L. Tornabene, V. Ganesh Rangarajan, M.P. Golombek, N.H. Warner, I.J. Daubar, S. Byrne, A.S. McEwen, K.D. Seelos, D. Viola, **A.M. Bramson**, G. Speth (2022), A Large New Crater Exposes the Limits of Water Ice on Mars. *Geophysical Research Letters*, 50, 2, <https://doi.org/10.1029/2022GL100747>.

**MEETINGS/EXPOS/**

# OPPORTUNITIES OUTSIDE OF PURDUE

## **25TH ANNUAL SEVERE STORMS AND DOPPLER RADAR CONFERENCE** **MARCH 23-25, 2023 IN ANKENY, IOWA**

For more information on the conference, please see the conference website - [HERE](#).

Additionally, we are again offering two atmospheric science scholarships to deserving students in 2023. The *Tim Samaras*

*Memorial Scholarship* is for students who are pursuing a career in research meteorology.

**The Pam Daale Memorial Scholarship** is focused on students pursuing careers in broadcast or operational meteorology. **The award for each scholarship will be \$1500.** More information and the application form can be found in the links below:

- [Pam Daale Scholarship](#)
- [Tim Samaras Scholarship](#)

## **UNDERGRAD SUMMER RESEARCH OPPORTUNITY- THE UNIVERSITY OF WESTERN ONTARIO IN LONDON, ONTARIO, CANADA**

Looking to hire two undergraduate students for a Summer Research Opportunity (<https://uwo.ca/>). The successful students must be U.S. citizens (due to funding constraints) and will join a group of Canadian and International summer interns who will work on various topics related to impact cratering processes and products. They will also participate in activities through the NASA SSERVI RISE2 team (<https://www.stonybrook.edu/commcms/rise2/>). Students will be provided opportunities to work on both individual and group collaborative projects. A variety of projects ranging from sample analysis to remote sensing studies are available and will be tailored to the interests and background of the students. All projects, however, will include research related to impact cratering processes and products on both the Moon and Earth. Students will have the opportunity to work on Apollo samples, lunar meteorites, and the world's largest collection of terrestrial impact crater materials (~8 km drill core, ~8,000 hand samples, and ~4,000 thin sections). Applicants should be in their final 2 years of an undergraduate degree in planetary science, earth science, or a related scientific discipline. Students who are completing their undergraduate degree in Spring 2023 are also eligible to apply. Students will receive a fellowship of US\$8,000 for the summer. The

internship will start no earlier than May 01 2023 and end no later than August 31 2023, with durations of 12 to 16 weeks possible. Applicants should submit a CV that includes an outline of relevant previous research experience and courses taken, a list of publications and awards, and a 1-page statement describing their interest in the topics described above. Materials should be sent by e-mail to Dr. Gordon Osinski ([gosinski@uwo.ca](mailto:gosinski@uwo.ca)). **Review of applications will begin immediately and will continue until the positions are filled.**

## **NATIONAL WEATHER SERVICE ACCEPTING STUDENT VOLUNTEERS**

The National Weather Service in Louisville, KY is now accepting student volunteer positions for 2023, and I ask that you please pass this announcement on to your students. **The deadline to apply is 11:59 PM EST (10:59 PM CST) on February 26, 2023.** To apply, please complete the Google Form attached [HERE](#). Students interested in applying will need to submit a resume, an unofficial transcript, and a short essay. Requirements to Apply:

- Must be a US Citizen
- Must be a current undergraduate or graduate student in Meteorology, Atmospheric Sciences, Hydrology, Climatology, or Engineering.
- Must be enrolled in undergraduate or graduate studies for the Fall 2023 Semester
- Students graduating this spring are not eligible unless they are continuing their education in some form this Fall
- Must have completed at least an introductory Meteorology course.

Please note that we will be selecting students for both the summer and fall semesters, so any student interested in either time period should apply. Students can find more information about our Student Volunteer Program and other opportunities offered at our office by visiting [weather.gov/lmk/students](http://weather.gov/lmk/students).

## **COMING SOON! SPRING 2023 YOUNG VOICES OF SCIENCE PROGRAM**

The Hubbard Brook Research Foundation will soon be accepting applications for the Young Voices of Science program during the Spring 2023 semester! **The application process will open on February 6th and close on February 27th.**

- **What:** FREE science communication training and real-world practice for science scholars!
- **Who:** Graduate and undergraduate students in environmental (or similar) fields are eligible to apply

- When: Series of seven Zoom workshops held on Thursdays, March 9th through April 20th, 6:00 - 7:30 pm ET
- Where: Wherever you are, via Zoom!

Young Voices of Science Program Spring 2023 Class size is limited – Apply by February 27th!

The Young Voices of Science program consists of a series of expert-led workshops, each designed to prepare and empower science scholars to share their knowledge, concerns, and hopes for the future with the wider world, and provide a launch pad for public engagement, early in their scientific careers.

Workshop leaders are experts in public engagement with science, creative writing, storytelling, and science-to-policy outreach. Class size is limited to 20 participants; we ask that participants commit to all seven workshops and design and carry out at least one outreach project, with support from a staff mentor.

To learn more about our program, see YVoS Alumni and explore past outreach projects, [visit](#).

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### **NAGT – 9<sup>TH</sup> ANNUAL EARTH EDUCATORS' RENDEZVOUS**

The National Association of Geoscience Teachers (NAGT) is excited to announce that registration and abstract submissions are now open for the [ninth annual Earth Educators' Rendezvous](#), taking place in Pasadena, California, from July 10-14, 2023! [registration](#), [programming](#), and [contributed program abstract submissions](#).

#### **Register**

Make sure you save your spot by [registering!](#) Register by the early registration deadline-- Wednesday, May 3--for the best rates. NAGT members receive \$100 off registration.

#### **Learn more**

Check out the [Rendezvous website](#) and [participant information](#) for more details.

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### **STUDENT OPPORTUNITY – MIDWEST DATATHON STUDENT COMPETITIONS**

[Correlation One](#) is a New York based startup that hosts data science and engineering competitions for the world's best STEM students.

We are excited to announce that this upcoming Spring, we are partnering with Citadel and Citadel Securities to host the [Midwest Datathon](#), a data science competition that challenges students from the region's best universities to tackle real-world social challenges in topics such as urban traffic,

renewable energy, and education, as well as the [Midwest Terminal](#), a games-based AI challenge, where players code strategies to automate gameplay.

**Top performing students have the opportunity to win \$15,000 in cash prizes along with exclusive recruiting opportunities with Citadel** (both internships and full-time roles). The events are completely free and invite only.

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### **URISE SUMMER 2023 INTERNSHIP APPLICATIONS BEING ACCEPTED**

URISE is pleased to announce that we are now accepting applications for the summer of 2023! If you are an undergraduate math, physics, geoscience or computer science student interested in exploring Earth and developing new skills, please consider applying! The deadline for applications is February 1st with letters of reference due by February 15th. Our program has proven to be a successful stepping stone for careers in oil & gas industry, academia, federal and state governments, and in a variety other geo-technical fields.

URISE Interns...

- Build lasting connections with like-minded students interested in using their quantitative skills to better understand Earth
- Are funded to travel to their mentor's institution and conduct independent research
- Receive a stipend of \$600/week + \$200/week for subsistence for 8 to 11 weeks
- Have fun while learning critical skills that have led over 78% of alumni to pursue geoscience careers in federal and state governments, academia, industry, and as independent consultants
- Receive full funding to present their independent research at the Fall American Geophysical Union conference
- Are diverse in gender, race and ethnicity, age, disability status, and academic standing... YOU could be next!

To learn more about the program, the types of research interns conduct through the program, and to apply, please visit:

<https://www.iris.edu/hq/internship/interns>

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### **STUDENT SCHOLARSHIP OPPORTUNITY**

[Student Pathways Scholarship](#), **which has a deadline of March 1st, 2023!** This scholarship is a one-time award of \$500-\$1000, depending upon the number of applicants, for students with disabilities pursuing fields of study within the

geosciences. This scholarship is open to both full-time and part-time students and can be used to cover the cost of tuition, rent, bills, or other financial obligations they may be dealing with. The direct link to the [form is here](#), in case there are issues accessing the website.

**INFINITE COOLING CLOUD PHYSICS**

internship opportunity that requires grad-level experience/interest in experimental/numerical modeling. Infinite Cooling is an award-winning startup company, and our mission is simple: to mitigate the water scarcity around the world. We help power plants and other industrial processes reduce their water consumption and water treatment costs by recovering water from their cooling tower exhausts. We are a small team based in Malden, Massachusetts, and we are on a mission to be a global leader in the water services industry for power generation. Infinite Cooling has raised over \$16M in funding and has won the MIT \$100K, MassChallenge, the DOE national Cleantech competition and numerous other awards. We are looking for a sharp, tenacious, and creative R&D engineer intern to join our team and work on developing the next generation of our product. Strong communication, flexibility, and the desire to "wear many hats" will all be essential skills for a successful applicant. [Career and contact info here](#). To gain more info about this internship, [contact via email](#).

**2023 COMMUNITY SOURCED DIRECTORY**

We have launched the 2023 COMMUNITY SOURCED DIRECTORY of Research Experiences for Undergraduate - REU! This is to support students in finding powerful and well-supported Research Experiences. Furthermore - the directory includes many aspects of accessibility and identity that can help all our students. **A new column this year is if a program has opportunities for non-US Citizens.** [You can access v04 for Summer 2023 posted here](#). Subsequent versions will be posted ~weekly into March. While a majority of these are NSF funded, a growing number are funded by a wide range of organizations/institutions, and have a growing range of formats.

We recommend that users review the column headers (listed below), in order to help them find programs that fit their identities and needs, and that they can reach based on their exams / university calendars. A student in a quarter program should avoid programs that start in early May, and

vice versa for students in semester programs who need to be in class in late August/September.

**PROGRAM CHARACTERISTICS**

- ACCOMMODATION provided
- TRAVEL costs provided/reimbursed
- FOOD provided
- Overnight OFF-SITE travel required
- INTERNATIONAL - requires passport
- OUTDOOR field work
- Working on/in WATER - know how to swim
- DRIVING - license required
- COVID VACCINATION required
- OTHER

**STUDENT CHARACTERISTICS**

- Rising SOPHOMORES
- Rising JUNIORS
- Rising SENIORS
- 2-YEAR Coll. Students
- 4-YEAR Coll. Students WITHOUT grad program
- 4-YEAR coll. students WITH grad program
- Post Baccalaureate (with degree / already graduated)
- PRIOR Research Experience
- NO prior research experience
- TEACHERS or other professionals
- VETERANS
- MINORS (<18)
- NON US CITIZENS (opportunities available)
- OTHER

**ACCESSIBILITY**

- Encouraged Applicant Identities
- Have not made accessibility plan
- YES, accessible to DEAF / ASL
- MOBILITY-AID/ WHEELCHAIR
- Yes - GUIDE DOGS SERVICE ANIMALS
- Accommodate FOOD RESTRICTIONS

**OTHER SUPPORT**

- Stipend
- Describe additional supports provided by the program, which may include support for conferences attendance, early admission pathway to graduate program, support with research transition to senior thesis work, support for publication fees, etc.
- Describe the plan for the REU should COVID restrictions limit in-person/on-site activities.

**SUMMER 2023 UNDERGRADUATE REU**

Are you looking for a summer research internship studying ocean, coastal or environmental science? I invite you to check out the Maryland Sea Grant Summer REU program. We bring upper-level undergraduate students to the Chesapeake Bay to

**NWS FORECAST OFFICE IN PADUCAH, KY**  
**SEEKING TO RECRUIT UP TO FOUR STUDENT**  
**VOLUNTEERS FOR THIS SUMMER**

conduct individual research projects with a scientist-mentor at the University of Maryland Center for Environmental Science. We select undergrads in many disciplines, including engineering, biology, chemistry, physics, mathematics, ecology and marine and environmental science.

**Our program runs for 12-weeks from May 22 to August 13, 2023.**

Each REU fellow will receive:

- \$7,200 stipend
- Free housing at your research lab
- Round-trip travel expenses

In particular, **we encourage students from colleges and universities where access to marine science and to research opportunities is limited and who are from groups traditionally underrepresented in science, technology, engineering and math.** We believe bringing together students from many disciplines, backgrounds and parts of the country makes for a more interesting and educational summer experience.

**We are accepting applications for the 2023 class now through February 15.** We held our first in-person REU this past summer and expect to hold summer 2023 in-person as well. We recognize that the state of the pandemic may impact how the program operates. Please visit our website to find out more ([www.mdsg.umd.edu/reu](http://www.mdsg.umd.edu/reu)) or drop me a note at [reu@mdsg.umd.edu](mailto:reu@mdsg.umd.edu).

**SCHOLARSHIPS AVAILABLE -**  
**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.](#)

**Student Volunteers Needed!**  
**Volunteer at NWS Paducah During Summer 2023!**  
*The National Weather Service in Paducah, KY, is seeking up to four student volunteers to help us with important projects and to experience working at an NWS office!  
The volunteer experience can be either virtual or in-person.*

**Qualifications:**

- ✓ Be enrolled at least half-time in an atmospheric science or meteorology program at a college or university.
- ✓ Have completed your sophomore year.
- ✓ Be available to volunteer around 8 hours per week between June 5 and August 4, 2023.

**How to Apply:**  
Visit our website or scan the QR code:  
[www.weather.gov/pah/studentvolunteers](http://www.weather.gov/pah/studentvolunteers)  
Application deadline is March 10, 2023.

**MASTER OF ARTS IN TEACHING EARTH SCIENCE**  
**RESIDENCY PROGRAM ACCEPTING APPLICATIONS**

[The Master of Arts in Teaching Earth Science Residency Program](#) in the Richard Gilder Graduate School at the American Museum of Natural History in New York City is looking for graduates with Earth 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.

## UIUC'S SUMMER RADAR CAMP

Attention upper division undergrads and grad students: **Application deadline is February 15, 2023.**

The 1<sup>st</sup> Annual UIUC Dept. of Atmos. Sci. FARM Facility Radar Institute!  
Held in-person at the University of Illinois Urbana-Champaign campus  
From June 18 – July 1, 2023



Using the Department of Atmospheric Sciences FARM Radars and other FARM instrumentation, you will have the opportunity to:

- 🚚 Learn about radar operations and theory
- 🚚 Learn about planning field campaigns
- 🚚 Learn about observation strategies and radar scan modes
- 🚚 Plan and execute a small field campaign
- 🚚 Learn about analysis techniques
- 🚚 Analyze DOW and COW radar data

Applications are open to undergraduate students. Students who have completed two years of college course work and are majoring in a science, technology, engineering or math field are encouraged to apply. No prior research experience is required.

**Application Deadline:**  
15 Feb 2023; 23:59 CT

**Email Application to:**  
[kakosiba@illinois.edu](mailto:kakosiba@illinois.edu)

**To Apply:**

- 🚚 1-page Statement of Interest
- 🚚 CV
- 🚚 1 Recommendation Letter
- 🚚 Academic Transcript



If you are selected to participate, you will receive travel support, on-campus lodging, and per diem.



## MARS EXPLORATION PROGRAM ANALYSIS GROUP

February 27, 2023

Virtual

[Meeting info](#)

## 54TH LUNAR AND PLANETARY SCIENCE CONFERENCE

March 13–17, 2023

The Woodlands, TX/Virtual

[Meeting info](#)

## EXTRATERRESTRIAL MATERIALS ANALYSIS GROUP

(EXMAG)

April 25-27, 2023

Virtual

[Meeting info](#)

## OUTER PLANETS ASSESSMENT GROUP (OPAG)

May 2-3, 2023

Johns Hopkins University Applied Physics Laboratory

Laurel, MD/Virtual

[Meeting info](#)

## 4TH INTERNATIONAL PLANETARY CAVES

CONFERENCE

May 4-7, 2023

Haria Municipality, Lanzarote, Spain

[Meeting info](#)

## BRINES ACROSS THE SOLAR SYSTEM: ANCIENT AND FUTURE BRINES CONFERENCE

May 15-18, 2023

Reno, NV

[Meeting info](#)

## ASTEROIDS, COMETS, & METEORS CONFERENCE

June 18-23, 2023

Flagstaff, AZ

[Meeting info](#)

## URANUS FLAGSHIP: INVESTIGATIONS AND INSTRUMENTS FOR CROSS-DISCIPLINE SCIENCE

July 25-27, 2023

Pasadena, CA

[Meeting info](#)

## 2<sup>nd</sup> INTERNATIONAL ORBITAL DEBRIS CONFERENCE

Dec. 4-7, 2023

Houston, TX / virtual

[Meeting info](#)

# POSITIONS AVAILABLE- CAREER OPPORTUNITIES

## AUGUST MACK

### ENTRY LEVEL FIELD SCIENTIST

Responsible for learning and performing a wide and diverse range of field work related to the various August Mack and Environmental Field Services service areas. We offer on-the-job training and a career path to help our employees develop skills, gain experience, and advance their careers. Work is performed with direction from experienced technical personnel, under the general supervision of the Field Operations Manager. [Learn More and apply.](#)

## WEATHER, OCEANOGRAPHY, AND CLIMATE CHANGE INSTRUCTOR AT PORTLAND COMMUNITY COLLEGE

Portland Community College is seeking a full-time general science faculty member to provide culturally responsive instruction in support of PCC's Mission and Values. The successful candidate will

be a dynamic instructor who can build an environment that inspires and communicates a love of physical science to a diverse group of students. There will be opportunities to provide input and collaborative leadership in the areas of curriculum and program development, mentoring, virtual learning, college-wide initiatives, community outreach and educational research. The ideal candidate will have a background in meteorology, oceanography, and climate studies, as well as experience with aviation weather forecasting. The new instructor in this position will teach classes at the Rock Creek campus, and fully-online, to support general education as well as PCC's Aviation Science program. The earth sciences departments are currently in a state of renewal, and this is a rare opportunity to help shape the future growth of the program for the 21st century. [More info.](#)

#### **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](#)

#### **ASSISTANT PROFESSOR OF ENVIRONMENTAL & GEOSPATIAL SCIENCES - WESTERN KENTUCKY UNIVERSITY**

The Department of Earth, Environmental, & Atmospheric Sciences (EEAS) at Western Kentucky University is seeking highly qualified applicants for a 9-month tenure-track Assistant Professor of Environmental & Geospatial Sciences position beginning August 2023. [Learn more here.](#)

#### **INDIANA EHS ADVISOR JOB POSTING**

**U.S. Compliance:** Searching for high performing EHS professionals who want to make a difference. Join our fast-growing EHS compliance firm to help us **CARE** for people, **PROTECT** the environment and **GROW** our clients' business. [Link to posting.](#)

#### **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**

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 (USFA) 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).

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**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](#).

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**POSITIONS AVAILABLE IN METEOROLOGY AND  
ATMOSPHERIC SCIENCE**  
[View current career listings](#)

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**AGI GEOSCIENCE JOB CENTER**  
[Check listings here.](#)

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**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.

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**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](#).