

# EAPS WEEKLY NEWSLETTER

May 3, 2021

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**EAPS MEETINGS & EVENTS**

**EAPS FACULTY MTG.**  
Tuesday's 3:00-5:00/pm (Zoom)  
May 4

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**FINALS WEEK**  
May 3 - 8

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**COMMENCEMENT**  
Friday, May 14  
Saturday, May 15

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

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[REPORT YOUR OUTREACH AND ENGAGEMENT ACTIVITIES](#)

## DEPARTMENTAL NEWS

### EAPS COLLOQUIA

Colloquia can be accessed virtually and we will continue to have opportunities for students and faculty to meet with speakers individually and in small groups; signups to meet with speakers and more details will be available closer to the date of their talk.

May 6, 2021

**Fred Ciesla**, University of Chicago

Host: Michelle Thompson  
3:30 – 4:30 pm EST ([Zoom](#))

### EAPS GEAR AVAILABLE TO PROVIDE FUNDING FOR GRADUATE STUDENT ASSEMBLY

Shirts and stickers are available to purchase with purchase order and money being due May 10<sup>th</sup> to [Hunter Vannier](#). Indicate orders on this [Google Doc](#). Orders can be mailed or picked up from the office. If you need your order mailed, please indicate this on the Google Doc order form. Payment is due in advance via venmo @Hunter-Vannier or in cash. If your payment is in cash, please email Hunter.

Sticker: \$3 each

Waterproof and Dishwasher safe!



### VIRTUAL TALK ABOUT PUBLISHING IN NATURE BY DR. MICHAEL WHITE [LINK](#)

Dr. Michael White, the climate editor at Nature will be virtually visiting us on **Monday May 3rd**. Lei Wang and Matt Huber will be his host. **Dr. White's talk will be 11:00 am - noon EST**. We are still working on his schedule, but there will also be an EAPS general meeting slot with him as well as a student & early career researcher meeting slot with him in the afternoon.

**Bio:** Michael White is Nature's editor for climate science, handling submissions on atmospheres, oceans, the cryosphere and hydrology – past, present and future, on Earth and other planets. Michael works closely with Nature's editors for biogeoscience, economics, and ecology and is broadly experienced in interdisciplinary Earth System Science. Before coming to Nature in 2008, Michael was an academic at Utah State University, where he conducted research on land surface phenology and terrestrial biogeochemistry -- mostly with computational models and satellite remote sensing.

**Abstract:** Demystifying Nature

The inner workings of high-profile journals can be mysterious. How do they decide what to publish, or even to send out to review? How is the process managed? What are the odds of getting published? Do they publish papers only in the interests of being controversial and getting press coverage? And who makes the decisions? Michael White -- Nature's editor for climate -- discusses the overall journal processes and specific themes behind the climate science research published in Nature over the past 13 years.

# COVID VACCINES

Purdue is offering [COVID vaccines](#). Have you been fully vaccinated? Purdue requests that you [submit documentation to Protect Purdue Health Center](#).

## OUTREACH NEWS

Do you have part of a recorded lecture that would work for high school students? Do you have an idea for a virtual lab for K-12? Do you have cookies? Are you including a broader impacts section for your next grant? Contact our K-12 Outreach Coordinator, [Steven Smith](#).

The Purdue University Superheroes of Science Podcast is on most podcast players as well as [YouTube!](#)

Social sites:

[Facebook EAPS Outreach](#)

[Facebook Superheroes of Science](#)

[Twitter](#)   [EAPS departmental outreach web page](#)

## NEWS AND OPPORTUNITIES

### **DEMYSTIFYING MENTAL HEALTH SUPPORT – A WEBINAR FOR STEMM GRADUATE STUDENTS**

Join us May 12 at 1:00 pm ET for [Demystifying Mental Health Support](#) - a complimentary interactive webinar outlining common mental health challenges of STEMM graduate students and providing strategies for managing them. Learn when to use small steps to address these challenges yourself and when you may need professional help. On-campus and off-campus mental resources, as well as strategies for accessing care, will be discussed. [Register](#)

This webinar is hosted by the American Chemical Society, the American Society for Biochemistry and Molecular Biology, the American Geophysical Union, the American Physical Society, the American Society for Cell Biology, and the Professional Development Hub, which are all committed to the professional development of early-career scientists.

### **OPPORTUNITIES WITH A&WMA**

The **Indiana Chapter of the Air & Waste Management Association (A&WMA)** is an international nonprofit, nonpartisan professional environmental organization whose goal is to enhance knowledge and expertise by providing a neutral forum for information exchange, professional development, networking opportunities, public education, and outreach to environmental students and professionals. The Indiana Chapter is one of about 100 local chapters of the International A&WMA. Our Chapter has about 100 members and is a member of the East Central Section with over 750 members located in Indiana, Michigan, Ohio, and Kentucky. Student participation is key to A&WMA's success in supporting our mission and we hope that you will consider the opportunities described below.

**Student Chapters:** The Indiana Chapter is always looking for opportunities to sponsor student chapters of the A&WMA. Students can join the A&WMA at discount student membership rates which allows students the opportunity to network with over 8,500 environmental professionals worldwide via A&WMA's online membership directory as well as face-to-face at conferences and events held throughout the year. If you or a student you know is interested in establishing a student chapter, please contact Prof. Welp ([lwelp@purdue.edu](mailto:lwelp@purdue.edu)) to be connected to A&WMA leadership.

**Environmental Challenge International Competition:** The A&WMA hosts an annual conference and exhibition (ACE) each year. This year the ACE will be held **in a full-virtual, interactive format** from June 14<sup>th</sup>-17<sup>th</sup>. During each ACE, the Environmental Challenge International (ECi) competition is held where teams of students at all levels – undergraduate and graduate students – present a solution to an environmental challenge. Entrants must consider regulatory approaches, political and community issues, and technical and scientific solutions. In addition to developing professional contacts and potential mentors, student teams are eligible to win cash prizes! More information can be found at [A&WMA Annual Conference 2021](#).

## **GEOSCIENTISTS' CAREER PATHWAYS USING GIS**

Join geographer and GIS educator Joseph Kerski as we examine why geotechnologies such as GIS, web mapping, remote sensing, GNSS-GPS, and related tools are important to society, to science, and to your own career path. What are the forces and trends that are acting on GIS in the 2020s, and what skills will be important going forward? We will also explore how you can engage with tools, data, educational resources, and the community of geotechnology practitioners. We will allow for plenty of time to answer your questions about geotechnologies and your career path.

**Date and Time: Tues., 11 May, 2 p.m. MDT**

**Duration: 1 hour**

**[Registration Link](#)**

**Promotional Partners: AGI, AGU**

*GSA Scientific Divisions: Geoarchaeology; Geology and Society; Marine & Coastal Geology; Planetary Geology; Soils and Soils Processes; & Structural Geology & Tectonics. Please contact Tahlia Bear, [tbear@geosociety.org](mailto:tbear@geosociety.org) with questions about this webinar.*

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## **84TH ANNUAL MEETING OF THE METEORITICAL SOCIETY - AUGUST 14-21, 2021, CHICAGO**

You are cordially invited to Chicago to attend the [84th Annual Meeting of the Meteoritical Society](#) on August 14--21, 2021. We are planning for an in-person meeting and are excited to host those willing to travel. Travel awards will be available. Online attendance will be possible for those who cannot travel to Chicago.

### **Important dates:**

June 3, 2021- Abstract and travel award deadline (abstract templates and the submission forms will be available in May)

July 2, 2021- Program posted online

June 15, 2021- Early registration deadline at a reduced rate

August 14--21, 2021- 84th Annual Meeting of the Meteoritical Society in Chicago

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## **GRADUATE SCHOOL'S OFFICE OF INTERDISCIPLINARY GRADUATE PROGRAMS (OIGP) ANNUAL SPRING RECEPTION**

Please join the Graduate School's Office of Interdisciplinary Graduate Programs (OIGP) for our

annual Spring Reception in celebration of interdisciplinary graduate student research. The 2021 event will be held virtually with a select number of students presenting their research via zoom as well as the winner of the Most Outstanding Interdisciplinary Project Award giving the Keynote.

**Weds., May 5th 1:00-2:20 PM - Presentations**

**Thurs., May 6th- 10:00-11:40 AM - Presentations**

**12:00-12:05 PM - Awards Presentation**

**12:05-12:40 PM - Keynote**

**Fri., May 7th - 10:00-11:20 AM - Presentations**

[Please visit the website](#) for complete details and to register for each of the days.

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## **AWARD OPPORTUNITY - DEADLINE MAY 7**

Ms. Sue Wagner—Nevada Gaming Commissioner, former Nevada Lieutenant Governor, DRI employee, and widow of Dr. Peter B. Wagner—created the Peter B. Wagner Memorial Award for Women in Atmospheric Sciences in 1998. Wagner Memorial Award for Women in Atmospheric Sciences is based on a paper competition and awarded to a woman pursuing a Masters or Ph.D. in atmospheric sciences or a related program at a university in the United States. The amount of the award is \$1,500. [Learn more.](#)

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## **SCHOLARSHIP OPPORTUNITY - SWANA**

SWANA, a solid waste disposal organization has statewide scholarships available to college students. Applicants must be student members of the organization but membership is free. [For more information.](#)

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## **SCHOLARSHIP OPPORTUNITY - IAGD**

The IAGD has been working to create new and exciting opportunities for both undergraduate and graduate students. They have now officially launched the [Student Pathways Scholarship](#). This scholarship opportunity is intended to provide funds for students with disabilities to alleviate the costs while completing their degrees. These funds can be widely used from paying for tuition, parking passes, groceries, rent, etc. In the age of COVID this is especially important, and for many

of our student members it was important beforehand and will be afterwards.

**The deadline for this scholarship is June 1<sup>st</sup>.**

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**5TH PLANETARY DATA WORKSHOP AND PSIDA MEETING: ABSTRACT DEADLINE**

#planetdata2021

5<sup>th</sup> Planetary Data Workshop and  
2<sup>nd</sup> Planetary Science Informatics & Data Analytics Meeting

June 28-July 2, 2021 [Virtual](#)

This virtual meeting will bring together data users, providers, engineers, developers, and researchers to discuss approaches, challenges, applications of informatics, technologies, and capabilities in planetary science. Participants will have the opportunity to share knowledge, experience, and lessons learned in these fields and network with colleagues.

**Registration deadline -- June 23, 2021**

A registration fee is being collected for this meeting. Prior to the meeting, registered attendees will receive an e-mail from Houston Meeting Info with virtual platform connection information.

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**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](#).

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**EAPS GRAD STUDENT RESEARCH OPPORTUNITIES**

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

## UNIVERSITY NEWS

**2021-22 INTERNATIONAL PROGRAMS CURRICULUM GRANTS**

These grants are meant to encourage the development of online courses or projects with international partners that intentionally plan for intercultural learning outcomes. [Learn more.](#)

**WORLDVIEW WORKSHOPS – SUMMER 2021**

Expand your perspectives! Aletha Stahl from CILMAR will be offering the 6-session series of workshops once again during the months of May and June. [Sign up](#)

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**SPRING 2021 CALENDAR OFFICE OF GRADUATE PROFESSIONAL DEVELOPMENT**

Career Prep, Academic Career Track, Industry Career Track, Wellness, Research & Ethics, Communication, Grantsmanship, Post-Docs, & Diversity. All Spring 2021 Workshops are virtual. New Workshops are added regularly! For registration & additional information, [click here](#).

## POSITIONS AVAILABLE- CAREER OPPORTUNITIES

**WEEKEND METEOROLOGIST/MMJ**

Fox 55 in Fort Wayne is [looking for a weekend meteorologist/multi-media journalist](#) to join our growing team. The successful candidate will have a passion for weather and showing our viewers how it will affect them.

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**STATE OF NEW YORK ONEONTA**

The Department of Earth and Atmospheric Sciences at the State University of New York College at Oneonta invites applications for a full-

time Lecturer of Synoptic Meteorology beginning Fall 2021. This is a non-tenure track position with an appointment of one year. Expectations include, but are not limited to, teaching and continuing professional development. [More info here](#).

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**POSTDOCTORAL APPOINTEE – WIND ENERGY RESOURCE MODELER**

Argonne National Laboratory has a new Postdoc Appointee opportunity focusing on wind energy resource modeler. This role will be a part of their EVS – Environmental Sciences division under the direction of Rao Kotamarthi. This role will involve methodological and applied research related to wind energy resource characterization for onshore and offshore situations. Argonne National Laboratories are looking for a candidate that has completed their PhD within the last three years, or will be completing this summer. For more information, [click here](#).

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**EMPLOYMENT OPPORTUNITIES - NSF**

The National Science Foundation is seeking applicants for multiple Science Assistant positions. [Learn more here](#).

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**RESEARCH CAREER OPPORTUNITY - CIMMS**

CIMMS Research Associate – MRMS Meteorological Analyst [position available](#).

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**UAH ATMOSPHERIC AND EARTH SCIENCE CLINICAL ASSISTANT PROFESSOR POSITION**

The Atmospheric and Earth Science (AES) Department at the University of Alabama in Huntsville (UAH) is in the process of hiring a Clinical Assistant Professor in atmospheric and Earth systems science. The main duties of this position will be undergraduate teaching, undergraduate and graduate academic advising and mentoring, and serving as a liaison between the AES Department and the on-site NASA Marshall Space

Flight Center Short-term Prediction Research Transition Center (SPoRT) research group. For more information about this position, [click here](#).

## 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 (pierce81@purdue.edu) **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](#).