**EAPS WEEKLY NEWSLETTER**

April 5, 2021

**EAPS MEETINGS & EVENTS**

- **EAPS FACULTY MTG.**
  - Tuesday’s 3:00-5:00 pm (Zoom)
  - April 13 and May 4

- **PRIMARY COMMITTEE MTG.**
  - April 6

- **READING DAY**
  - Tuesday, April 13

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

**EAPS K-12 OUTREACH CALENDAR OF EVENTS**

**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.

- April 8, 2021
  - Speaker: Alejandro Soto
  - Host: Alexandria Johnson
  - 3:30 – 4:30 pm EST (Zoom)

**UPCOMING COLLOQUIA**

- April 15
  - Angela Dapremont, Georgia Institute of Technology
  - Host: Ali Bramson

- April 22
  - Melissa Berke, Notre Dame
  - Host: Lisa Welp

- April 29
  - Osinachi Ajoku, UCSD/National Center for Atmospheric Research
  - Host: Matthew Huber

- May 6
  - Fred Ciesla, University of Chicago
  - Host: Michelle Thompson

**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

**STUDENT NEWS AND OPPORTUNITIES**

**CODE CAFÉ**

*Learn how to code Python for free!*

When: Saturday April 10th, 10am - 3pm
Where: Discord

Interested in learning Python? Sign up

**EAPS GRAD STUDENT JIE CHEN DEFENDS HER PhD THESIS**

*Understanding the Post-landfall Evolution of Tropical Cyclone Wind Field in an Idealized World*

PhD Defense of Jie Chen
Advised by Professor Daniel R. Chavas

- **Wednesday, April 7, 2021**
  - Public portion 10:00-11:00 am EDT
  - Zoom
  - Meeting ID: 391 258 8405
  - Passcode: 0407

[http://www.eaps.purdue.edu/](http://www.eaps.purdue.edu/)
SEA GRANT (ILLINOIS/INDIANA)
2021 SUMMER STUDENT INTERNSHIP PROGRAM

DUE TODAY! APRIL 5th IS THE LAST DAY TO APPLY FOR THIS INTERNSHIP! Illinois-Indiana Sea Grant announces the positions for the 2021 Summer Student Internship Program. The paid internships can include research, communications and outreach components. Applicants may have the opportunity to participate in activities outside of their specific internship duties.

GEORGE MASON UNIVERSITY
EARTH SYSTEMS MODELING GRADUATE STUDENT SYMPOSIUM
Location: Virtual
Date: April 22, 2021
For more information or to register, click here.

CIMMS FACETS RESEARCH SCIENTIST

The Cooperative Institute for Mesoscale Meteorological Studies (CIMMS) at the University of Oklahoma (OU) is currently seeking a Research Scientist to provide scientific and meteorological expertise for collaborative work to advance the National Severe Storm Laboratory’s (NSSL) Forecasting a Continuum of Environmental Threats (FACETs) initiative. For more information about this position, click here.

CIMMS POST-DOCTORAL RESEARCH ASSOCIATE – LIGHTNING

The Cooperative Institute for Mesoscale Meteorological Studies (CIMMS) at the University of Oklahoma (OU) is currently seeking a Post-Doctoral Research Associate to collaborate on lightning and storm electrification research with the National Severe Storms Laboratory (NSSL). For more information about this full time position, click here.

POSTDOCTORAL APPOINTEE – WIND ENERGY RESOURCE MODELER

Argonne National Laboratory has a new Postdoctoral 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. In particular, the focus will be on high-resolution mesoscale atmospheric modeling, and ocean-atmosphere coupling. 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.

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.

AGU SPRING RESEARCH GRANTS

CLOSING SOON! Closes Mid-April 2021
AGU offers a suite of research grants for students to help fund their research and studies, including:
- June Bacon-Bercey Scholarship (NEW) - supports women students with a demonstrated interest in atmospheric sciences and intersections with meteorology.
- Horton Research Grant - supports Ph.D. candidates in hydrology or water resources research.
- GSSI Student Grant - awarded to AGU student members in the Near Surface Geophysics Section.
- Paros Scholarship - recognizes outstanding graduate students demonstrating interest in geophysical instrumentation and precision field measurements.
- Dewan Young Scientist Scholarship - supports graduate students studying atmospheric science and space physics.

http://www.eaps.purdue.edu/
ASSISTANT PROFESSOR IN ATMOSPHERIC AND CLIMATE SCIENCE

The Department of Geography at the University of Florida, College of Liberal Arts and Sciences, invites applications for two (2) full-time, nine-month, tenure-accruing positions, at the level of Assistant Professor to begin August 16, 2021. The department seeks candidates with expertise in Artificial Intelligence (AI) to study Atmospheric and Climate Science (meteorology, weather forecasting and prediction, extreme events, climate change and climate change modeling, etc.) and will complement existing strengths in the department and across campus. For more information on these positions, click here and here.

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.

EAPS GRAD STUDENT RESEARCH OPPORTUNITIES

If you are interested in an EAPS grad research opportunity, click here for more information.

CIMMS PETER LAMB POSTDOCTORAL FELLOWSHIP

The Cooperative Institute for Mesoscale Meteorological Studies (CIMMS) at the University of Oklahoma has established the Peter Lamb Postdoctoral Fellowship that is offered annually. The CIMMS website has more information on projects underway within these research themes as well as contact information for CIMMS scientists working on these themes. Apply before July 31, 2021.

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