EAPS WEEKLY

26 October 2020

Contents:

Meetings/Events & Dept. News1
Undergrad/Graduate Student News2
University News

BE SURE TO CHECK OUT ALL OF THE EAPS COMMUNICATIONS MEDIA!

COMMUNICAT Facebook LinkedIn Department Magazine

<u>Twitter</u> <u>Instagram</u> Website News



EAPS COLLOQUIA

This semester all 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.

Jana Houser, Ohio University Recent Advances in Scientific Understanding of Tornadogenesis from Rapid-Scan Mobile Radar Observations of Tornadoes **Thursday, OCTOBER 29, 2020** 3:30 PM Remote

[See attached flyer for schedule]



EAPS MEETINGS & EVENTS

FACULTY MEETINGS (3-5/pm Remote)

October 27 (newly added) November 3 November 10 December 8 (if necessary)

EAPS K-12 OUTREACH CALENDAR OF EVENTS

http://www.eaps.purdue.edu/outreach/Outre ach_News.html

REPORT YOUR OUTREACH AND ENGAGEMENT ACTIVITIES

http://bit.ly/EAPSOut

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

Page 1 of 11

MS DEFENSE

Brandon Keough – MS Defense November 9, 2020 10:00AM Advisor: Kenneth Ridgway Watch for Virtual Link to be sent at a later date

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 (mrsmith@purdue.edu).

The Purdue University Superheroes of Science Podcast is on most podcast players as well as YouTube! Check out some of the latest episodes, <u>https://www.youtube.com/c/SuperheroesofScien</u> <u>ce</u>.

Facebook <u>https://www.facebook.com/EAPS.out</u> <u>https://www.facebook.com/PurdueSOS</u> Twitter (@Purdue SOS) EAPS departmental outreach web page: <u>http://www.eaps.purdue.edu/outreach/index.html</u>.



LAURA BASSI SCHOLARSHIP TAKING APPLICATIONS

The Laura Bassi Scholarship, which awards a total of \$8,000 thrice per annum, was established by Editing Press in 2018 with the aim of providing editorial assistance to postgraduates and junior academics whose research focuses on neglected topics of study, broadly construed. The scholarships are open to every discipline and the next round of funding will be awarded in December 2020:

Winter 2020 Application deadline: 25 November 2020 Results: 20 December 2020

All currently enrolled master's and doctoral candidates are eligible to apply, as are

academics in the first five years of their employment. Applicants are required to submit a completed application form along with their CV through the application portal by the relevant deadline. Further details, previous winners, and the application portal can be found at: <u>https://editing.press/bassi</u>

EAPS OUTREACH COMMITTEE LOOKING FOR YOUR HELP

Are you interested in science communication? Be involved in the Purdue Kids Science Degree program!

Send a 3-5 minute video explaining one science concept of any topic for Kindergarten to 5th grade students.

For more information contact <u>lchavesm@purdue.edu</u>

[See flier attached]

SULI ACCEPTING APPLICATIONS FOR 2021 TERM

DOE's Science Undergraduate Laboratory Internships (SULI) Program is now accepting applications for the 2021 Summer Term: <u>https://science.osti.gov/wdts/suli</u>. **Applications are due January 12, 2021.**

SULI encourages undergraduate students and recent graduates to pursue science, technology, engineering, and mathematics (STEM) careers by providing research experiences DOE laboratories. Selected students participate as interns appointed at one of 17 participating DOE laboratories/facilities. They perform research, under the guidance of laboratory staff scientists or engineers, on projects supporting the DOE mission.

The SULI program is sponsored and managed by the DOE Office of Science's, Office of Workforce Development for Teachers and Scientists (WDTS) in collaboration with the DOE laboratories/facilities.

Frequently asked questions:

https://science.osti.gov/wdts/suli/Frequently-Asked-Questions

http://www.eaps.purdue.edu/ Page 2 of 11

<u>"PURDUE HONORS" YOUTUBE</u> VISITING LECTURE FEATURING BRIONY HORGAN AT HONORS COLLEGE

The honors college is having a visiting lecture featuring EAPS Professor Briony Horgan on October 29 from 4:30-5:30pm.

[See attached flier for additional information]

DEPARTMENT OF ENERGY COMPUTATIONAL SCIENCE GRADUATE FELLOWSHIP

The Department of Energy Computational Science Graduate Fellowship provides up to four years of financial support for students pursuing doctoral degress in fields that use highperformance computing to solve complex problems in science and engineering. The program also funds doctoral candidates in applied mathematics, statistics, or computer science who undertake research that will contribute to more effective use of emerging high-performance systems. Complete details and a listing of applicable research areas can be found on the DOE CSGF website.

Open to senior undergraduates and students in their first year of doctoral study. www.krellinst.org/csgf

Applications Due: January 13, 2021

[See attached flier for additional information]

JAMES CORONES AWARD ACCEPTIONING NOMINATIONS

The James Corones Award in Leadership, Community Building and Communication recognizes the impact of mid-career scientists and engineers on their chosen fields across a range of areas.

PRIZE: A cash award of \$2,000 and an engraved gift.

For nomination procedures, deadlines and more information, including how to donate to the award fund, please visit: https://www.krellinst.org/about-krell/coronesaward

[Flier attached with additional information]

CIMMS RESEARCH SCIENTIST AT THE STORM PREDICTION CENTER

The Cooperative Institute for Mesoscale Meteorological Studies (CIMMS) at The University of Oklahoma (OU) is currently looking for a Research Scientist to work with the NOAA/NWS Storm Prediction Center (SPC). This position will be located at the SPC in Norman, OK, which is housed within the National Weather Center (NWC), a highly collaborative operational, research, and academic environment containing a number of NOAA and OU organizations. Here you will work directly with development meteorologists and operational forecasters at the SPC and will have opportunities to interact with NOAA and academic scientists within the NWS. NOAA's Satellite and Information Service (NESDIS), and the broader meteorological community. As a CIMMS Research Scientist working with SPC, you will provide scientific and meteorological expertise, along with leadership, satellite expertise, and technical support for the Satellite Proving Ground effort in Norman, OK.

[See attached flier for additional information]

AMERICAN METEOROLOGICAL SOCIETY (AMS) GRADUATE FELLOWSHIPS AND UNDERGRADUATE SCHOLARSHIPS

The American Meteorological Society (AMS) administers an array of graduate fellowships and undergraduate scholarships with the support of its members, corporations, and government agencies nationwide. The fellowships and scholarships range from \$1,000 to \$25,000 and help further the education of outstanding graduate and undergraduate students pursuing a career in the atmospheric and related oceanic or hydrologic sciences.

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

Applications for the 2021 AMS Scholarships and Fellowships are now open! <u>https://www.ametsoc.org/index.cfm/ams/informa</u> <u>tion-for/students/ams-scholarships-and-</u> <u>fellowships/</u>

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 see:

https://www.purdue.edu/gradschool/cigp/index. html

A short video about the CIGP/CSE program can be found at:

https://www.youtube.com/watch?v=8qo9ykKtdu Q

EAPS GRAD STUDENT RESEARCH OPPORTUNITIES

If you are interested in an EAPS grad research opportunity, go to the following updated link for information:

https://www.eaps.purdue.edu/for_students/gradu ate/grad-research-opp.html

POSTDOCTORAL RESEARCH ASSOCIATE PRINCETON UNIVERSITY

Future Faculty in the Physical Sciences (FFPS) Fellowship. Princeton University invites applications for the newly established Future Faculty in the Physical Sciences (FFPS) Fellowship. We aim to appoint a diverse cohort of early career scientists who will conduct research in physics, broadly defined to include the subdisciplines of astrophysics, biophysics, and geophysics and

planetary physics, independently or in collaboration with Princeton faculty, postdoctoral researchers and students. The Fellowship aims to increase excellence at Princeton by bringing scholars with unique backgrounds and insights, whose work will contribute to the promotion of groups that have been historically, and are presently, under-represented in physics and related fields. Candidates who have demonstrated a strong commitment to remedying the historical under-representation of people of color and women in physics (or the physical sciences more generally) through work promoting inclusion, equity, and diversity through teaching, advising, mentoring, advocacy, or public outreach are especially encouraged to apply.

FFPS Fellows will have a primary home in the Department of Physics, of Astrophysical Sciences, or of Geosciences, and will be part of an actively mentored research community across institutional affiliations, which may include the Princeton Center for Theoretical Science, the Center for the Physics of Biological Function, the Princeton Gravity Initiative, and other Centers and Programs. The Fellowship includes an annual research fund. Appointments will be made at the postdoctoral or more senior research rank. Appointments are for one year, renewable annually based on satisfactory performance, for a total of up to three years. The expected starting date is September 1, 2021, although this is flexible. A PhD in the physical sciences or a related field is required.

Interested persons should **submit** a curriculum vitae, a bibliography, a statement of research interests and plans, and provide contact information for three references **by November 4**, **2020, 11:59 p.m. EST**. A personal statement and/or a description of the applicant's work in broadening opportunities in the field should be included as a separate section of the research statement. Applicants must apply via the web at: https://www.princeton.edu/acad-

positions/position/17561. Letters of

recommendation will also be handled through this site. All applications received by November 4, 2020, 11:59 p.m. EST will be fully considered, but applications will continue to be accepted until the position(s) are filled. Only submissions through the application website will be considered. For further inquiries, contact phychair@princeton.edu.

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

This position is subject to the University's background check policy. Princeton University is an equal opportunity employer and all qualified applicants will receive consideration for employment without regard to age, race, color, religion, sex, gender, sexual orientation, gender identity or expression, national origin, disability status, protected veteran status, or any other characteristic protected by law.

CALL FOR APPLICATIONS UC PRESIDENT'S POSTDOCTORAL FELLOWSHIP PROGRAM

THE PROGRAM. The University of California President's Postdoctoral Fellowship Program was established in 1984 to encourage outstanding women and minority Ph.D. recipients to pursue academic careers at the University of California. The current program offers postdoctoral research fellowships and faculty mentoring to outstanding scholars in all fields whose research, teaching, and service will contribute to the diversity and equal opportunity at the University of California. The contributions to diversity may include public service towards increasing equitable access in fields where women and minorities are underrepresented. In some fields, the contributions may include research focusing on underserved populations or understanding inequalities related to race, gender, disability or LGBT. The program is seeking applicants with the potential to bring to their academic and research careers the critical perspective that comes from their non-traditional educational background or understanding of the experiences of members of groups historically underrepresented in higher education in the United States.

AWARDS AND APPOINTMENTS. Fellowships are awarded for research conducted at any one of the University of California's ten campuses. The award includes a salary starting at approximately \$53,460 depending on field and experience, benefits including health insurance and paid vacation/sick leave, and up to \$5,000 for research-related and program travel expenses. Each award is for a minimum of 12-months and may be renewable for an additional term upon demonstration of academic/research productivity. **ELIGIBILITY**. Applicants must receive a Ph.D. or terminal degree from an accredited university before the start of their fellowship. Successful applicants must present documents demonstrating that they are legally authorized to work in the United States. Individuals granted deferred action status under the Deferred Action for Childhood Arrivals program are encouraged to apply.

APPLICATION. Apply online at: ppfp.ucop.edu

DEADLINE: November 1, 2020

More information:

President's Postdoctoral Fellowship Program University of California visit online: <u>ppfp.ucop.edu/info/</u> email: <u>ppfpinfo@berkeley.edu</u>

[See attached flier]

POSTDOCTORAL APPOINTEE REGIONAL SCALE CLIMATE MODELING

This post-doctoral appointment in the Environmental Science Division of the Argonne National Laboratory will involve methodological and applied research in regional scale climate modeling. In particular, the focus will be on highresolution dynamic downscaling, hydrological modeling, impacts and assessments. For this position, we are looking for applicants with experience in regional scale models of hydrology, (e.g. WRF-Hydro). Expertise in working with large datasets on high-performance computing resources is required.

Please use the following link to directly apply: <u>https://bit.ly/32RrPkE</u>

Applications will be considered as they arrive and with a likely start date in October 2020. This will be a two-year position. The successful applicant will be required to provide 3 letters of reference and university transcripts.

For complete information go to link: <u>https://bit.ly/32RrPkE</u>

PRE-DOCTORAL APPOINTEE

This pre-doctoral appointment in the Environmental Science Division of the Argonne National Laboratory will involve providing technical support to scientific staff for methodological and applied research in atmospheric science in projects related to aerosol-cloud interactions and regional scale climate modeling. For this position, we are looking for applicants with experience in the analysis of large weather/atmospheric datasets, running atmospheric models and analysis of the model output.

For complete information go to link: https://bit.ly/3bEORz8

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. CIMMS is a research organization that promotes collaborative research between National Oceanic and Atmospheric Administration (NOAA) and University of Oklahoma (OU) scientists on problems of mutual interest. This collaborative basic and applied research includes the study of mesoscale and storm-scale meteorological phenomena to help produce better forecasts and warnings that save lives and property and the investigation of the societal impacts of such phenomena. Research scientists within CIMMS use observations, analysis and models to improve the understanding and prediction of high-impact weather elements and systems ranging in size from cloud nuclei to multi-state areas.

Applications must include a 3-4 page novel proposal developed by the applicant that addresses at least one of the CIMMS research themes: 1) weather radar research and development; 2) storm-scale and mesoscale modeling research and development; 3) forecast improvements research and development; 4) impacts of climate change related to extreme weather events; and 5) societal and socioeconomic impacts of high-impact weather systems. Applicants are highly encouraged to contact a CIMMS scientist to receive guidance when drafting a research proposal. The CIMMS website <u>http://cimms.ou.edu/index.php/research</u> has more information on projects underway within these research themes as well as contact information for CIMMS scientists working on these themes.

Terms of appointment are for one (1) year, renewable for a second year subject to satisfactory performance. An annual salary of \$60,000 and a research budget of up to \$5,000 per year is included in the award, along with a modest relocation stipend. Successful applicants must have obtained a Ph.D. within the last five years; proof of a Ph.D. is required before assuming the post-doctoral position, but those in the final stages of Ph.D. dissertation completion are encouraged to apply provided a finish date before July 31, 2021 is anticipated.

Applicants are asked to submit electronically: (1) a curriculum vitae; (2) a list of all products (e.g., papers, patents, technology transfers, licensed software, etc.) generated over the course of their career; (3) a cover letter which includes the expected start date and any non-standard resources that might be needed to complete the proposed work; (4) a brief proposal (no more than 4 pages, double-spaced, excluding the list of references and figures) describing the work to be pursued during a 2-year tenure at CIMMS; and (5) a list of three references. In addition, applicants should request that their referees directly send their reference letters to CIMMS at the email address listed below.

[See Attached flier for more information]

<u>GLOBAL GEOPHYSICIST ASSISTANT PROFESSOR</u> <u>POSITION – PRINCETON UNIVERSITY</u>

Princeton University is looking for applicants with expertise, research and teaching interests in Earth and planetary geophysics, seismology, geodynamics, or mineral physics. The Department is especially interested in candidates who will contribute to the diversity and excellence of our academic community.

http://www.eaps.purdue.edu/ Page 6 o

The successful candidate will complement our existing strengths and areas of concentration, and enjoy cross-disciplinary ties with University Programs such as the Program in Applied and Computational Mathematics (PACM), Princeton Center for Complex Materials (PCCM), the Princeton Institute for Computational Science and Engineering (PICSciE), the Princeton Institute for the Science and Technology of Materials (PRISM), and other Science Departments. Applicants should send a curriculum vitae, including a publication list, a statement of research and teaching interests, a separate statement outlining how they see themselves contributing to our mission of building a diverse and inclusive discipline with a strong department. and contact information for three references to: https: https://www.princeton.edu/acadpositions/position/17221. Evaluation of applications will begin as they arrive; for fullest consideration, apply by December 21, 2020, but applications will be accepted until the position is filled.

Diversity and inclusion are central to Princeton University's educational mission and its desire to serve society. Members of the Geosciences department have a deep commitment to being inclusive. We believe that commitment to principles of fairness and respect for all is favorable to the free and open exchange of ideas, so we seek to reach out as widely as possible in order to attract the ablest individuals as students, faculty, and staff. In applying this policy, we are committed to nondiscrimination on the basis of personal beliefs or characteristics such as political views, religion, national or ethnic origin, race, color, sex, sexual orientation, gender identity or expression, pregnancy, age, marital or domestic partnership status, veteran status, disability, genetic information and/or other characteristics protected by applicable law in any phase of its education or employment programs or activities.

NOAA HOLLINGS UNDERGRADUATE SCHOLARSHIP

The 2021 Ernest F. Hollings Undergraduate Scholarship application period is now open apply today! Link: <u>https://www.noaa.gov/office-education/hollings-scholarship</u>

ATMOSPHERE 2021 YOUNG INVESTIGATOR AWARD

We are pleased to announce that the 2021 Atmosphere Young Investigator Award (https://www.mdpi.com/journal/atmosphere/awa rds) is now open for nominations. The winner will be awarded 2000 CHF.

Eligibility Criteria

 Ground-breaking contribution to the advancement of atmosphere studies;
 Be planning an investigative career in atmosphere;

3) Age under 35 years (this is not a strict limitation; if you are 35 or over, you are welcome to contact us and we will happily review your request).

Application Materials

1) An up-to-date full Curriculum Vitae including publication history, scientific presentations, research achievements, and prior recognition of work (awards and funding);

2) A short essay highlighting your research achievements and impact in no more than 500 words;

3) Nomination letters from two recognized scientists in the field of atmosphere;4) Ph.D. certificate.

We welcome nominations for this award **until 30 November 2020**. Application materials should be submitted via the link:

https://www.mdpi.com/journal/atmosphere/awar ds/submit/931.

The winner will be announced on 30 December 2020.

CLIMATE AND EXTREME WEATHER OPPORTUNITIES

Central Michigan University is currently seeking two Ph.D. students to pursue an opportunity at the climate/weather extreme interface at the

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

Page 7 of 11

Department of Earth and Atmospheric Sciences. These positions are supported by two grant funded four-year research assistantships as part of a project to further our understanding the processes that lead to severe convection around the globe and the links of these phenomena to a changing climate.

This project is all about the connection of scales, and working with large reanalysis and climate model datasets to explore favorable environmental conditions and our ability to resolve these environments. This position would suit students with either an interest in the impacts of climate change on extremes, or a more fundamental interest into the links between processes that lead to favorable severe storm environments and larger scales. In either direction, an interest in statistics and large datasets is a plus.

Start date for the position is flexible, with a start anywhere between Fall 2020 and 2021. Ideally, the applicants would have an M.S. in meteorology, atmospheric sciences, environmental data science or climate science, but I would also consider exceptional bachelors level applicants.

If you would like more information or know of interested parties please feel free to send an email to me, John T. Allen (<u>allen4jt@cmich.edu</u>).

Details about our group at CMU can be found at the following link:

http://people.cst.cmich.edu/allen4jt/allen home page.html



RETURN TO CAMPUS COVID-19 STUDENT TESTING PLANNED FOR SPRING 2021

Purdue is making plans for return-to-campus COVID-19 testing for spring 2021, in a manner similar to the pre-arrival residential student testing conducted before the start of the fall 2020 semester. Specific details about available testing options, a timeline for testing and how students can be cleared for campus by the Protect Purdue Health Center will be **shared by Nov. 15, 2020**. Students planning to experience the spring 2021 semester in-person will be required to complete this process.

FACULTY TRAINING FOR BRIGHTSPACE

Purdue Online Community and TLT would like to encourage faculty and teaching staff to utilize training for Brightspace.

The following link contains different types of faculty training for Brightspace. You are encouraged to sign up.

https://www.purdue.edu/brightspace/Workshops. php

INFLUENZA VACCINE REQUIREMENTS FOR 2020 DEADLINE OCTOBER 31, 2020

Faculty, staff and students now have a way to submit documentation that they have obtained the required influenza vaccine. Proof of the flu shot from a medical provider is required, so all employees and students will need to scan or photograph their documentation to submit via the following channels:

- Benefits-eligible faculty and staff will upload documentation through the <u>Healthy Boiler Portal</u>. Instructions on submitting the documentation are available in a <u>Quick Reference Guide</u>.
- Employees who are not in benefits-eligible positions should send their documentation to <u>flushot@121.health</u>, along with their name and PUID number.
- Students should upload their documentation to the <u>Student Health Center portal</u>.

The entire campus community is required to get a flu shot this fall from Sept. 1 to Oct. 31, regardless of where they are working from or taking classes from at the time. Those who are working and/or taking classes remotely this fall do not have to come to campus for their vaccine and can use their health care provider or community pharmacy if they choose. Employees who are unable to get the vaccine due to a medical condition or religious reason will need to

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

complete the Purdue University influenza declination form.

A <u>schedule of campus flu shot events</u> has been released, and <u>frequently asked questions</u> about the flu vaccination requirement are also available.

Link: https://protect.purdue.edu/updates/facultystaff-and-students-must-upload-flu-vaccinationdocumentation-this-fall/

<u>CALL THE PROTECT PURDUE HEALTH CENTER IF</u> <u>YOU ARE EXPERIENCING SYMPTOMS OF</u> <u>COVID-19</u>

If you are exhibiting symptoms of COVID-19, all Purdue students, faculty members and staff should immediately contact the Protect Purdue Health Center 24/7 at 765-496-INFO (4636) or toll-free at 833-571-1043 and pressing option "1." A call tree option will be available after hours to connect individuals to the Protect Purdue Health Center case manager as well as the option to leave a voicemail. Individuals experiencing an emergency should always call 911. The Centers for Disease Control and Prevention provides a <u>list of symptoms</u> here.

OFFICE OF THE DEAN OF STUDENTS

Student Support Services Fall 2020 Updates

Here in the Office of the Dean of Students -Student Support Services we are continuing to make adjustments to our processes in order to ensure all of our services remain available to students and in a way that we are doing our part to Protect Purdue. We are here to help students succeed and feel supported. Below is a brief overview of some of the services we provide in our office and how students can access them at this time.

Office Information

New Hours of Operation: Monday through Friday, 8:00am-12:00pm and 1:00pm-5:00pm.
As part of our effort to Protect Purdue, we will have limited staff in our office at 207 Schleman Hall. Students are encouraged to call or email to discuss concerns or schedule an appointment for a phone call or video meeting.

• While students are encouraged to call or email to discuss concerns or schedule an appointment for a phone call or video meeting, staff will be available to meet in person should a student need to do so during hours of operation.

- Email: <u>odos@purdue.edu</u>
- Phone: 765-494-1747
- Website:

https://www.purdue.edu/advocacy/students/

Absence Notifications

• Our office can provide absence notifications for Grief Absence, Military Absence, and Jury Duty.

• To request a notification for these 3 approved absences, students should submit the appropriate request form at

https://www.purdue.edu/advocacy/students/abs ences.html.

• Students may also contact our office with any questions or to make a request.

• Documentation is required to verify these absences.

- For all other types of absence, the student should work with their instructor directly.
- New for fall approved absence for students on Jury Duty up to 10 days per semester.
- Grief Absence leave times for students have been increased: up to 5 days within a 2-week period for immediate family and up to 3 days in a 2-week period for all others.

Emergency Loans

• Registered students may borrow up to \$1000 at a time and up to \$2000 a semester. Summer is its own semester.

• 30 day interest-free loan.

• Obtaining an emergency loan is currently being done through a combination of phone and email communication. Students are encouraged to call ODOS to begin the borrowing process and will no longer be able to complete an application in our office. We will give them everything they need to do the application on their own computers.

• Criteria and additional information can be found at

https://www.purdue.edu/advocacy/students/fina ncial/emergencyloan.html

<u>Withdrawal</u>

• ODOS advises students on the process of a complete withdrawal and facilitates the process for students to withdraw from all of their current courses after the start of the semester.

• Our office will encourage students to consult with their academic advisor, financial aid, scholarship advisors, family, 3rd-party payers, housing, ISS and others prior to initiating a withdrawal.

• Withdrawal deadlines and refund information for fall 2020 can be found at

https://www.purdue.edu/registrar/documents/cal endars/dropAddDeadlines/schedReviseCal_Fall.p df

• Additional withdrawal information can be found at

https://www.purdue.edu/advocacy/students/with drawal.html

General Student Support

• We provide individual one-on-one support to students who may be navigating personal, financial, or academic concerns.

• We connect students to campus and community resources that can provide them with support specific to their needs.

• We can maintain continued communication and support with the student based upon their individual needs.

• Information shared with our office is protected by FERPA and we strive to maintain privacy; however, we are not a confidential resource and have reporting responsibilities in certain situations.

• The student can email (<u>odos@purdue.edu</u>) or call (765-494-1747) our office to get connected with a Student Support Specialist. Together the student and Student Support Specialist determine the preferred method to meet whether it will be by phone or video meeting.

• We provide individual one-on-one support to students who may be navigating personal, financial, or academic concerns.

Student of Concern

• If you have concerns for a student – including students being impacted by COVID (directly or indirectly) – submitting a Student of Concern Report (<u>www.purdue.edu/studentconcernform</u>) will prompt outreach from a member of the Office of the Dean of Students.

<u>Quarantine / Isolation</u>

• If you hear of a student that has been advised by the PPHC or other medical personnel to quarantine or self-isolate, please instruct them to e-mail <u>odos@purdue.edu</u> as soon as possible. We will then follow up with them to offer support, send out an absence notification on their behalf and connect them to an Academic Case Manager.

http://www.eaps.purdue.edu/	Page 10 of 11

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. Individual email announcements will no longer be sent unless the content is time-sensitive. We will continue to include our publications, presentations and other recent news items as well.

Those using paper copies of the newsletter should go to our newsletter archive on the EAPS website at http://www.eaps.purdue.edu/news/newsletters.html and Click on News to access active links as needed. Material for inclusion in the newsletter should be submitted to Katherine Huseman (http://www.eaps.purdue.edu/news/newsletters.html and Click on News to access active links as needed. Material for inclusion in the newsletter should be submitted to Katherine Huseman (khuseman@purdue.edu) by 5:00pm on Thursday of each week for inclusion in the Monday issue.

If it is in the newsletter, we assume know about it and no other reminders are needed. For answers to common technology questions and the latest updates from the EAPS Technology Support staff, please visit: <u>http://www.eaps.purdue.edu/resources/information_technology/index.htm</u>.

Also, as an additional resource for information about departmental events, seminars, etc., see our departmental calendar at http://www.EAPS.purdue.edu/events-calendar.html



http://www.eaps.purdue.edu/	Page 11 of 11

PURDUE UNIVERSITY Department of Earth, Atmospheric, and Planetary Sciences Colloquia – Fall 2020 Thursdays at 3:30 PM, Remote (unless noted)

August 27	1 Minute Research Madness Blitz; EAPS Faculty, Students	
Sept. 3	Natasha Harris, Assistant Director of Science Diversity	Host: Haber
Sept. 10	Lisa Welp, EAPS, Purdue University	
Sept. 17	Marty Frisbee, EAPS, Purdue University	
Sept. 24	Dan Chavas, EAPS, Purdue University	
October 1	Nicholas Dygert, University of Tennessee	Host: Eddy
October 8	Marisa Palucis, Dartmouth	Host: Garcyznski
October 15	Stephen Nesbitt, University of Illinois, Urbana-Champaign	Host: A. Johnson
October 22	Jose Cerrato, New Mexico	Host. A. Singleton
October 29	Jana Houser, Ohio University	Host: Tanamachi
Nov. 5	Nicole Zellner, Albion College	Host: Minton
Nov. 12	Ian Garrick-Bethell, Univ. California, Santa Cruz	Host: McFadden
Nov. 19	Deanna Hence, Univ. of Illinois, Urbana-Champaign	Host: Tanamachi
Nov. 26	THANKSGIVING BREAK – No Seminar	
Dec. 3	TBD	

Dec. 10 AGU

ARE YOU INTERESTED IN SCIENCE COMMUNICATION?

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Be involved in the Purdue Kids Science Degree program!

Send us a 3-5 min video explaining one science concept of any topic for Kindergarten to 5th grade students

For more info contact us at lchavesm@purdue.edu

VISITING SCHOLARS SERIES

BRIONY HORGAN

IS THERE OTHER LIFE IN THE



If we show signs of ancient life on Mars, that is going to open up a whole new field of science trying to understand the origins of not just life on Mars but also our own planet.

VIRTUAL EVENT **OCT. 29** 4:30-5:30 PM

"PURDUE HONORS" YOUTUBE

TTFR-/

Every rock on Mars is a time capsule for Professor Briony Horgan, potentially holding information from billions of years ago that could help answer questions about life in the universe today. Horgan will soon delve into those questions by searching for evidence of past microbial life as part of the NASA Mars rover Perseverance mission. Perseverance is set to land in Jezero Crater, just north of the planet's equator, this February. Horgan was part of the science team that identified the area as a good target.

Simple life forms such as microbes allow researchers to understand how rare or common life is in the universe. At this point, Earth is the only data to help scientists determine how and where life forms and evolves. Join Horgan in an interactive Q&A session, as we explore the exciting possibilities of this mission and its far-reaching implications.





to solve complex problems in science and engineering. (DOE CSGF) provides up to four years of financial support for students The Department of Energy Computational Science Graduate Fellowship pursuing doctoral degrees in fields that use high-performance computing

details and a listing of applicable research areas can be found on the statistics or computer science who undertake research that will contribute The program also funds doctoral candidates in applied mathematics, **DOE CSGF** website. to more effective use of emerging high-performance systems. Complete

BENEFITS

- Payment of full tuition and required fees

- + Yearly program review participation

- - + \$38,000 yearly stipend

- Renewable up to four years + 12-week research practicum experience + Annual professional development allowance

Applications Due 1.13.2021 The DOE CSGF is open to senior undergraduates and students in their first year of doctoral study www.krellinst.org/csgf

nity program







DEPARTMENT **OF ENERGY**

Closely packed particles in a colloidal suspension with friction, from a simulation by DOE CSGF alumnus Gerald J. Wang of Carnegie Mellon University. The colors differentiate particle groups whose motions are particularly interrelated, affecting the stickiness of the whole material. Credit: Gerald J. Wang.

DOE

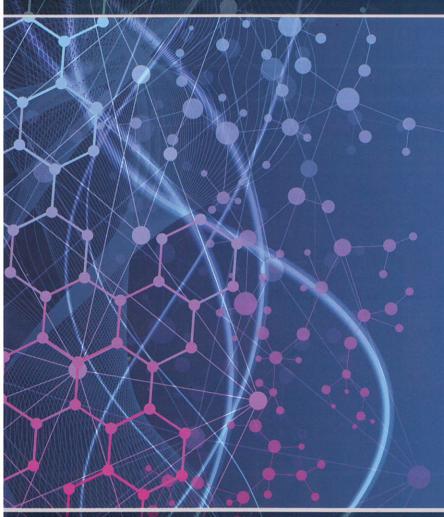
CSGF





2020 James Corones Award Winner Dr. Bethany Goldblum Associate Research Engineer, Department of Nuclear Engineering, University of California, Berkeley

THE JAMES CORONES AWARD Now Accepting Nominations





The James Corones Award in Leadership, Community Building and Communication recognizes the impact of mid-career scientists and engineers on their chosen fields across a range of areas.

Its namesake, a distinguished researcher and administrator, founded the Krell Institute, a nonprofit organization dedicated to serving the science and education communities. Under his guidance, Krell grew to supervise many projects and programs, most notably two prestigious Department of Energy-sponsored education initiatives: the Computational Science Graduate Fellowship (DOE CSGF) and the National Nuclear Security Administration Stewardship Science Graduate Fellowship (DOE NNSA SSGF). Jim retired from the company in December 2016 and died on April 28, 2017, after a long illness.

Broad eligibility: Mid-career researchers at a national laboratory, at an academic institution or in industry.

Prize: A cash award of \$2,000 and an engraved gift.

For nomination procedures, deadlines and more information, including how to donate to the award fund, please visit https://www.krellinst.org/about-krell/corones-award.



Dr. Rebecca Hartman-Baker 2019 Winner

CIMMS Research Scientist at the Storm Prediction Center Satellite Proving Ground Liaison

The Cooperative Institute for Mesoscale Meteorological Studies (CIMMS) at The University of Oklahoma (OU) is currently looking for a Research Scientist to work with the NOAA/NWS Storm Prediction Center (SPC). This position will be located at the SPC in Norman, OK, which is housed within the National Weather Center (NWC), a highly collaborative operational, research, and academic environment containing a number of NOAA and OU organizations. Here you will work directly with development meteorologists and operational forecasters at the SPC and will have opportunities to interact with NOAA and academic scientists within the NWS, NOAA's Satellite and Information Service (NESDIS), and the broader meteorological community.

As a CIMMS Research Scientist working with SPC, you will provide scientific and meteorological expertise, along with leadership, satellite expertise, and technical support for the Satellite Proving Ground effort in Norman, OK. More specifically, the list below describes potential projects:

- 1. Serve as a "Satellite Liaison" at the SPC, leading Satellite Proving Ground efforts on satellite-based hazardous weather products and demonstrating the unique and complementary value of satellite information to forecasters;
- 2. Develop and document satellite dependent forecast and analysis tools focused on the specific needs of hazardous weather forecasters;
- 3. Design and execute tests and validation of proposed new satellite-dependent products, decision aids, and best practices for operational forecasters with an emphasis on exploring the value of advanced satellite products for detection and short-term prediction of convective storms and associated hazards;
- 4. Serve as "implementation expert" for selected planned satellite products and their proxies;
- 5. Plan, develop, and lead satellite portions of Hazardous Weather Testbed experiments, serving as the focal point for satellite-centered activities for both the Experimental Warning Program and the Experimental Forecast Program;
- 6. Lead satellite components of any field excursion experiments headquartered out of the National Weather Center requiring satellite expertise;
- 7. Bridge satellite-related activities between the NOAA FACETs initiative, the NWS, and NESDIS;
- 8. Lead the NESDIS effort within the HWT by contributing to formal scientific publications and attending off-site conferences, symposia, and hazardous weather-related outreach events;
- 9. Develop synergy and shared accomplishments with the OCLO Satellite Training Team and Satellite Proving Grounds at NOAA National Centers, Training Centers, and Cooperative Institutes; and
- 10. Other duties as assigned.

The University of Oklahoma is an Equal Opportunity/Affirmative Action employer.

The minimum qualifications for the position are:

- 1. A Doctoral Degree in Meteorology, Atmospheric Science, or a related area; and
- 2. United States citizenship or permanent residency.

When applying, please include information related to your experience with satellite meteorology, remote sensing, and associated datasets. Of particular interest is your application of these experiences in software development, web development, graphic design/visualization, and Linux (UNIX) environments, including the AWIPS2/N-AWIPS systems. Lastly, your ability to communicate clearly is crucial to being successful in this position.

Normal working hours will be observed except for occasional irregular hours during data collection, warning/forecast experiments, or workshops conducted at remote locations. Additionally, occasional travel is expected. General supervision will be provided by CIMMS staff with technical oversight provided by SPC management. You will work under general supervision but are expected to work independently and determine action to be taken in handling all but unusual situations. This is a non-supervisory position, although you may serve as a leader of technical teams. Salary is based on your education, experience, skills, and knowledge. Information on University of Oklahoma benefits may be found at https://hr.ou.edu.

Review of applications will begin on **26 October 2020** and continue until the position is filled. To apply, please submit your resume/CV, cover letter, and list of three (3) references to:

CIMMS Careers University of Oklahoma CIMMS 120 David L. Boren Blvd., Suite 2100 Norman, OK 73072-7304 Attention: SPC-SAT <u>CIMMS-careers@ou.edu</u>



University of California PRESIDENT'S POSTDOCTORAL FELLOWSHIP PROGRAM

CALLFORAPPLICATIONS

THE PROGRAM. The University of California President's Postdoctoral Fellowship Program was established in 1984 to encourage outstanding women and minority Ph.D. recipients to pursue academic careers at the University of California. The current program offers postdoctoral research fellowships and faculty mentoring to outstanding scholars in all fields whose research, teaching, and service will contribute to the diversity and equal opportunity at the University of California. The contributions to diversity may include public service towards increasing equitable access in fields where women and minorities are underrepresented. In some fields, the contributions may include research focusing on underserved populations or understanding inequalities related to race, gender, disability or LGBT. The program is seeking applicants with the potential to bring to their academic and research careers the critical perspective that comes from their non-traditional educational background or understanding of the experiences of members of groups historically underrepresented in higher education in the United States.

AWARDS AND APPOINTMENTS. Fellowships are awarded for research conducted at any one of the University of California's ten campuses. The award includes a salary starting at approximately \$53,460 depending on field and experience, benefits including health insurance and paid vacation/sickleave, and up to \$5,000 for research-related and program travel expenses. Each award is for a minimum of 12-months and may be renewable for an additional term upon demonstration of academic/research productivity.

ELIGIBILITY. Applicants must receive a Ph.D. or terminal degree from an accredited university before the start of their fellowship. Successful applicants must present documents demonstrating that they are legally authorized to work in the United States. Individuals granted deferred action status under the Deferred Action for Childhood Arrivals program are encouraged to apply.

APPLICATION. Apply online at: ppfp.ucop.edu

DEADLINE: November 1, 2020

2021-2022

Berkeley Davis Irvine Los Angeles Merced Riverside San Diego San Francisco Santa Barbara Santa Cruz

More information: President's Postdoctoral Fellowship Program University of California

visit online: ppfp.ucop.edu/info/ email: ppfpinfo@berkeley.edu

University Partnerships for Faculty Diversity

Partner Programs with Carnegie Mellon University, University of Colorado, Boulder, University of Maryland, University of Michigan, University of Minnesota, New York University, University of North Carolina at Charlotte, University of North Carolina at Chapel Hill, UC Chancellor's Postdoctoral Fellowship Programs, and the UC-affiliated National Labs. Please visit: <u>https://ppfp.ucop.edu/info/about-ppfp/partnerships.html</u>





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. CIMMS is a research organization that promotes collaborative research between National Oceanic and Atmospheric Administration (NOAA) and University of Oklahoma (OU) scientists on problems of mutual interest. This collaborative basic and applied research includes the study of mesoscale and storm-scale meteorological phenomena to help produce better forecasts and warnings that save lives and property and the investigation of the societal impacts of such phenomena. Research scientists within CIMMS use observations, analysis and models to improve the understanding and prediction of high-impact weather elements and systems ranging in size from cloud nuclei to multi-state areas.

Applications must include a 3-4 page *novel proposal* developed *by the applicant* that addresses at least one of the CIMMS research themes: 1) weather radar research and development; 2) storm-scale and mesoscale modeling research and development; 3) forecast improvements research and development; 4) impacts of climate change related to extreme weather events; and 5) societal and socioeconomic impacts of high-impact weather systems. Applicants are *highly encouraged* to contact a CIMMS scientist to receive guidance when drafting a research proposal. The CIMMS website http://cimms.ou.edu/index.php/research has more information on projects underway within these research themes as well as contact information for CIMMS scientists working on these themes.

Terms of appointment are for one (1) year, renewable for a second year subject to satisfactory performance. An annual salary of \$60,000 and a research budget of up to \$5,000 per year is included in the award, along with a modest relocation stipend. Successful applicants must have obtained a Ph.D. within the last five years; proof of a Ph.D. is required before assuming the post-doctoral position, but those in the final stages of Ph.D. dissertation completion are encouraged to apply provided a finish date before July 31, 2021 is anticipated.

Applicants are asked to submit electronically: (1) a curriculum vitae; (2) a list of all products (e.g., papers, patents, technology transfers, licensed software, etc.) generated over the course of their career; (3) a cover letter which includes the expected start date and any non-standard resources that might be needed to complete the proposed work; (4) a brief proposal (no more than 4 pages, double-spaced, excluding the list of references and figures) describing the work to be pursued during a 2-year tenure at CIMMS; and (5) a list of three references. In addition, applicants should request that their referees directly send their reference letters to CIMMS at the email address listed below.

To receive full consideration, applications and supporting material should be received prior to January 31, 2021. All materials should be sent electronically to:

Cooperative Institute for Mesoscale Meteorological Studies (CIMMS) The University of Oklahoma <u>CIMMS-careers@ou.edu</u> ATTN: Peter Lamb Postdoctoral Fellowship