

PhD Position in Precipitation Seasonality

Job description: The Climate Variability and Change research group (<http://clim-var-change.pres2ip.com/>) in the School of Meteorology at the University of Oklahoma (OU) has a PhD position to examine changes to precipitation seasonality (i.e. the annual cycle) across scales and contribute to associated education, diversity, equity, and inclusion activities.

This project will utilize a variety of observational data and modeling products to understand how precipitation, including extremes, are connected to changes in the seasonal cycle of precipitation across the US. The successful candidate will work with the research group led by Dr. Elinor Martin as part of an NSF CAREER project. As such, the candidate would be expected to participate in educational activities associated with the project, including precipitation data analysis tools for prospective meteorology students. The student will be mentored not only on the research and educational tasks to be completed, but also on professional development topics including career planning, oral and written communication, teaching (if desired), and networking.

Starting date: Graduate Research Assistantship Funding is available for entry to the program in January 2021 or August 2021.

Stipends: Current stipends start at approximately \$27,000 per year for new MS Students and \$29,000 for students with a completed MS degree (and increase as PhD milestones are met). Tuition is waived, but students are responsible for fees each semester.

Qualifications: The student should have an interest in precipitation, extremes, climate variability and change and a bachelor's *or* master's degree in any related field (including but not limited to meteorology, atmospheric science, geography, geoscience, mathematics, physics, earth science, environmental science, etc.). As this project is part of an integrated research and education program, an interest in education and/or diversity, equity, and inclusion activities is preferred.

Location: The School of Meteorology resides in the National Weather Center (NWC), located on the Norman campus of the University of Oklahoma. In addition to the School of Meteorology, the NWC houses state and federal organizations on weather and climate related research and operational programs. Oklahoma is home to 39 tribal nations, each of which has a distinctive culture, history, and government. We acknowledge that the history of the university and the state represents settler colonialism and remains in tension with what we now understand about the lands that were proclaimed "unassigned" and opened for white settlement in 1889. In line with our commitments to diversity, inclusion, access and equity we strongly encourage applications from candidates who are members of underrepresented or marginalized communities.

The University of Oklahoma is committed to achieving a diverse, equitable, and inclusive university community by embracing each person's unique contributions, background and perspectives. The University of Oklahoma recognizes that fostering an inclusive environment for all, with particular attention to the needs of historically marginalized populations, is vital to the pursuit of excellence in all aspects of our institutional mission. This enhances the OU experience for all students, faculty and staff and for the communities we engage. The University of

Oklahoma in compliance with all applicable federal and state laws and regulations does not discriminate on the basis of race, color, national origin, sexual orientation, genetic information, gender identity, gender expression, sex, age, religion, disability, political beliefs, or status as a veteran in any of its policies, practices, or procedures.

How to Apply: Formal applications to the School of Meteorology/University of Oklahoma graduate program for Fall 2021 entry are due December 1 and do not require GRE scores.

Prior to a formal application, students interested in working on this funded project should initially contact Dr. Elinor Martin (elinor.martin@ou.edu) and include in a single document (e.g., a Word or pdf file):

1. A cover letter explaining the interest in this project and a PhD
2. Curriculum Vitae
3. Unofficial transcripts
4. List of three references and their email addresses

For any inquiry about this position, please contact Dr. Elinor Martin (elinor.martin@ou.edu).