

Open Postdoctoral Research Associate Position in Climate Modelling of Precipitation Variability

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) is seeking a postdoctoral research scientist to examine mechanisms driving precipitation variability across scales and contribute to associated education, diversity, equity, and inclusion activities. This project will utilize a variety of observational data and modeling products, including performing climate model sensitivity experiments, to understand processes that impact changes in precipitation seasonality from the sub-seasonal through long-term climate change. 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 developing precipitation data analysis tools for prospective meteorology students. The scientist 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, and networking.

Starting date: Funding is available from January 2021. Exact start date is flexible but must start before August 2021.

Appointment: Three and a half years of funding (at a rate of \$54,000 per annum) is available between 2021 and 2025 with the option of part-time work and/or seeking additional funding if desired.

Qualifications:

- 1) The candidate must have a Ph. D. degree (or be ABD) in atmospheric sciences or related fields by the appointment start date
- 2) Experience with climate (or weather) modeling, data analysis and visualization using programming languages.
- 3) Ability to work independently and as a team in a diverse, equitable, and inclusive environment
- 4) Excellent oral and written communication skills
- 5) An interest in education and/or diversity, equity, and inclusion activities. Experience in these areas is desired but not required.

Location: Norman, Oklahoma, with the potential for remote work if needed (but must be within the US). 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. The University of Oklahoma, located 20 miles south of Oklahoma City in Norman, is the Carnegie- ranked *Very High Research Activity* [R1] flagship university in the state. 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: Please electronically submit the following application materials through the [OU HR system](#).

- 1) A curriculum vitae
- 2) The names and contact information of three individuals who can provide a letter of reference
- 3) A personal statement that includes a summary of your past research, relevant experiences (addressing each of the qualifications listed above), and professional goals. The statement should be a maximum of two pages in 12pt font size).

Application deadline: Position is open until filled. Review of applications will begin October 1, 2020.

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