



FACULTY POSITION IN METEOROLOGY

School of Meteorology
College of Atmospheric and Geographic Sciences
The University of Oklahoma

The School of Meteorology at the University of Oklahoma (OU) invites applications for a tenure-track or tenured faculty position at the Assistant or Associate Professor level to begin in the academic year 2012-2013.

An applicant should have demonstrated the potential to establish and sustain a strong research program in climate studies using observational and/or modeling approaches with an emphasis on research related to regional-scale climate variability and change. Applicants also should have demonstrated a commitment to teaching at the undergraduate and graduate levels and a willingness to participate in department, University, and professional service. We seek an outstanding candidate with a PhD in meteorology, atmospheric science or closely related field.

The candidate must be capable of research excellence in regional climate with the ability to work in a team environment with potential collaborations that include research activities within the School of Meteorology and the newly established Department of the Interior South-Central Climate Science Center. Downscaling global climate projections, addressing the uncertainty in estimates of regional climate variations, determining how to best treat convective precipitation, spatial variations in surface properties and other physical processes are topics relevant to the success of this center, along with assessing the impacts of climate variations on regional issues including water resources, ecosystems, fish and wildlife. Other opportunities to collaborate include working with researchers in the university, state and federal entities within the National Weather Center and with faculty within the College of Atmospheric and Geographic Sciences.

The School of Meteorology is an academic unit of the College of Atmospheric and Geographic Sciences. It is located in the National Weather Center (NWC) on the campus of the University of Oklahoma. One of the largest facilities of its kind in the world, the NWC houses twelve University of Oklahoma, state, and federal organizations with more than 650 faculty, researchers, support staff, and students. The center accommodates OU's academic and research programs in meteorology and the U.S. National Oceanic and Atmospheric Administration's (NOAA) Norman-based weather research and operations programs. In addition, thirteen weather-related companies employing 300 people are located in the research park adjacent to the NWC. There are many opportunities for collaboration with colleagues in these companies and in the following organizations located at the National Weather Center:

University programs:

- School of Meteorology
- Atmospheric Radar Research Center
- Center for Analysis and Prediction of Storms
- Center for Spatial Analysis
- Cooperative Institute for Mesoscale Meteorological Studies
- Oklahoma Climatological Survey
- The WaTER Center
- Center for Applied Social Research
- Center for Risk and Crisis Management

NOAA organizations:

- National Severe Storms Laboratory
- National Weather Service (NWS) Forecast Office
- NEXRAD Radar Operations Center
- NWS Storm Prediction Center
- NWS Warning Decision Training Branch

Department of the Interior organization:

- South-Central Climate Science Center

To apply, please submit a letter of interest including a statement of research goals and teaching vision, current *curriculum vitae*, and the names of three or more people who can serve as references (with full mailing and e-mail addresses, telephone, and FAX numbers) as soon as possible. Screening of applications will begin on 30 January 2012 and will continue until the position has been filled. Please address all correspondence to:

Prof. Michael B. Richman
School of Meteorology, Search Committee Chairperson
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