

Research Associate

The Cooperative Institute for Mesoscale Meteorological Studies (CIMMS) at The University of Oklahoma is currently seeking a Research Associate to collaborate with scientists and instructors at the National Weather Service (NWS) Warning Decision Training Branch (WDTB) in Norman, OK, on training for severe weather warning decision making.

The duties of this position are:

- 1) Integration of NWS operational warning decision making principles of science, technology, and human factors into support of training development and delivery.
- 2) Collaborate with WDTB instructors in a project-based environment to develop and deliver training on severe weather warning decision making principles.
- 3) Develop technical expertise with AWIPS-2, WSR-88D products and applications, and the warning decision-making process.
- 4) Acquire skills in operation of Linux and Windows workstations to support development of simulations and other tools for warning decision-making training.
- 5) Participate in experimental warning/forecast exercises and WDTB training workshops.
- 6) Attend meetings and professional conferences to become knowledgeable of new meteorological applications and to interact with the applied-research community.
- 7) Review technical/professional publications and attend seminars to stay abreast of current developments in meteorological applications.
- 8) Perform related duties as assigned.

The minimum qualifications for the position are:

- 1) A Master's Degree in Meteorology, Atmospheric Science, or related area; or
- 2) A Bachelor's Degree in Meteorology, Atmospheric Science, or related area and at least three years experience in operational meteorology or applied research.

Emphasis will be place on applicants with severe weather experience.

Applicants should identify expertise within any of the following areas: experience in teaching/training; operational experience related to severe weather forecasting and warning, including winter weather forecasting techniques; warning-related inputs such as radar, satellite lightning, and storm-scale models; weather analysis software (such as AWIPS); graphic design or illustration; project management/teamwork; oral and written communication, including collaboration tools; Linux (or Unix) operating systems; programming skills (Python, JAVA, object oriented programming, GIS-based, web-based, etc); human factors and human performance technology.

Normal working hours will be observed except for occasional irregular hours during data collection, warning/forecast experiments, or workshops conducted at remote sites. Incumbents will receive training and gain expertise in the latest training technology and warning decision-making methodologies.

Supervision will be provided by CIMMS staff. Technical oversight will be provided by CIMMS staff, NWS meteorologists, and WDTB management. The incumbent will work under general supervision but is expected to determine action to be taken in handling all but unusual situations. Incumbents in this position are not expected to supervise other employees, but may serve as leaders of technical teams.

The beginning salary range will be \$40,000-\$42,000 per year with University of Oklahoma benefits. Information on benefits may be found at <http://www.hr.ou.edu/employment/WorkingatOU.asp>.

To apply for the position, please forward your resume, cover letter and list of three references to:

Tracy Reinke
Executive Director, Finance and Operations
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Norman, OK 73072-7304
treinke@ou.edu
JOB REFERENCE: WDTB – Severe Weather

The University of Oklahoma is an equal opportunity/Affirmative Action employer.