

Research Associate (Satellite Meteorologist)

The Cooperative Institute for Mesoscale Meteorological Studies (CIMMS) at The University of Oklahoma is currently looking for a Research Associate to provide leadership, satellite expertise, and meteorological support for the GOES-R Proving Ground effort based at the NWS Storm Prediction Center (SPC). This project will entail activities focused to maximize the forecast value of geostationary satellite data and products. The incumbent will interact with NWS operational forecasters to prepare them for new satellite dependent products that will become operationally available after the launch of GOES-R.

The principal duties of this position are:

1. Serve as a "Satellite Champion" at the SPC, leading GOES-R Proving Ground efforts on satellite based hazardous weather products and demonstrating the unique value of satellite information to forecasters;
2. Develop and/or document satellite dependent forecast and analysis tools focused on the specific needs of hazardous weather forecasters;
3. Test and validate proposed new satellite dependent products and decision aids for operational forecasters with an emphasis on exploring the value of advanced satellite sounder products;
4. Serving as "implementation expert" for selected planned GOES-R products and their proxies;
5. Participate in HWT Spring Forecast Experiment serving as the focal point for satellite centered activities;
6. Provide satellite expertise to the logistical support of any field excursion experiments headquartered out of the National Weather Center, such as the upcoming multi-year NSF funded VORTEX II;
7. Perform related duties as assigned.

The minimum qualifications for the position are:

1. A Master's Degree or higher in Meteorology, Atmospheric Science or related area and at least three years experience in operational meteorology or applied research;
2. Emphasis will be placed on applicants with considerable experience in satellite meteorology, and hazardous weather forecasting research.

Applicants should identify expertise with Satellite Meteorology and any of the following areas: Severe Thunderstorms; Warning Decision Making; Severe Winter Weather; Excessive Precipitation; Fire Weather Meteorology. Excellent oral and written communication skills are highly desired and an ability to work in a collaborative team environment is needed for the position. Please indicate experience with Linux (or UNIX) operating systems, programming skills (e.g., Dreamweaver, Flash, PHP, ASP, ColdFusion, Java), graphic design or illustration (Adobe Creative Suite 3, Framemaker) and, AWIPS2.

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

Supervision will be provided by CIMMS staff. Technical oversight will be provided by CIMMS staff, NWS and NSSL meteorologists, and SPC management. Works under general supervision but is expected to determine action to be taken in handling all but unusual situations. Incumbent is not expected to supervise other employees, but may serve as a leader of technical teams.

The salary for this position is very competitive and will be based on experience, skills, and knowledge. Information on University benefits may be found at <http://www.hr.ou.edu/employment/WorkingatOU.asp>. The position is expected to begin January 5, 2008.

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

Tracy Reinke, Executive Director, Finance and Operations
University of Oklahoma CIMMS
120 David L. Boren Blvd., Suite 2100
Norman, OK 73072-7304
treinke@ou.edu

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