**Post-doctoral research associate or research scientist position
in hurricane modeling and data assimilation**

The School of Meteorology of University of Oklahoma has an opening for a post-doctoral research associate or research scientist in the area of hurricane modeling and data assimilation. The work will be performed at University of Oklahoma in collaboration with scientists in Naval Research Laboratory at Monterey. Working with one of the leading teams in data assimilation and hurricane modeling, successful candidates will conduct research to advance the science in hurricane dynamics/thermodynamics, predictability, modeling and data assimilation.

The candidate will conduct research to investigate the mechanism of hurricane intensification, in particular the impact of outflow on hurricane intensification, through ensemble-based data assimilation and ensemble simulations, study the impact of data from HS3 (Hurricane and Severe Storms Sentinel) field experiments on the estimation and prediction of hurricane outflow and intensification, and extend ensemble-based data assimilation and simulation system to include multiple numerical models.

Desired Qualification:
- Education and Experience:
  - ✓ Ph.D. in atmospheric science, Meteorology, Engineering, Computer Sciences, Physics, mathematics or related disciplines
  - ✓ Experience in numerical modeling

- Skills and Proficiencies:
  - ✓ Demonstrated ability to work independently and collaboratively
  - ✓ Excellent written and oral communication skills
  - ✓ Fortran 90/95 programming experience in UNIX/LINUX environment
  - ✓ Familiarity with scripting and plotting languages

Depending on experience and qualification, the position can be either a postdoctoral research associate or a research scientist. Salary will be competitive based on experience and qualification. University of Oklahoma offers competitive benefits. Position is open now until filled and full consideration will be given to applications received by 15 May 2014.

To apply for the position, please submit electronic applications, including a letter of research interest and experience, CV, and three names of references including their contact information to Prof. Xuguang Wang, at xuguang.wang@ou.edu and
https://jobs.ou.edu/applicants/jsp/shared/position/JobDetails_css.jsp?postingId=303969
(job 18908)