

## University of Miami – Rosenstiel School for Marine and Atmospheric Science

### Faculty Position in the Department of Atmospheric Sciences

The Department of Atmospheric Sciences at the University of Miami's Rosenstiel School of Marine and Atmospheric Science invites outstanding candidates for a tenure-track faculty position. Preference is given for candidates at the rank of Assistant Professor, but exceptional applicants at other ranks will also be considered. We especially welcome applicants with expertise in one or more of the experimental research areas of boundary layer meteorology, cloud and aerosol processes, radar meteorology and other types of remote and in-situ observations, but also encourage scientists with modeling interests to apply.

The successful candidate will embrace the opportunity to teach at both the undergraduate and graduate levels, advise M.S. and Ph.D. students, and enhance diversity on campus. The new faculty member will be expected to establish a vigorous externally-funded research program that includes potential collaborations within the Department, the Rosenstiel School, the University and at the adjacent NOAA Atlantic Oceanographic and Meteorological Laboratory. The position is part of a larger cluster, with 16 new faculty hires anticipated in the next five years within the Rosenstiel School.

The Rosenstiel School has a long history of observational science. The University has recently invested in research infrastructure that includes:

- South Florida's Cloud-Aerosol-Rain Observatory: CAROb (<http://carob.rsmas.miami.edu/>), dedicated to improving our understanding of low cloud and Saharan dust behavior through routine, frequent, and multi-year measurements;
- The SURge-STructure-Atmosphere INteraction (SUSTAIN) facility that includes hurricane force winds coupled with wind-waves and storm surge in seawater with complex coastal topography;
- A Helicopter Observation Platform (HOP) ideally suited for atmospheric boundary layer observations that are difficult to acquire from traditional measurement platforms;
- A state-of-the-art high performance computing center (<http://ccs.miami.edu>) which includes a 10,000 core computational platform that hosts several community weather and climate models, data support and visualization services and support programs in physical science and engineering, data mining, visualization and software engineering.

The Rosenstiel School seeks to improve understanding and prediction of the Earth's atmospheric, oceanic, biological and geological systems, and their interface with society, to provide a sound basis for managing natural resources and adapting to impacts of hurricanes, storm surge, sea level rise and climate variability and change. A distinctive aspect of the Rosenstiel School is its dynamic interdisciplinary academics. The Rosenstiel School is located on Virginia Key, four kilometers offshore of mainland Miami. Its unique subtropical location has fostered department strengths in tropical meteorology and climate.

A cover letter, CV, names and addresses of three references, a sample of scholarly writing, and a separate concise statement of research and teaching interests should be submitted via email to: [atmsearch@rsmas.miami.edu](mailto:atmsearch@rsmas.miami.edu). The position will remain open until filled, although the Search Committee will begin its deliberations on February 1, 2015.

The University of Miami offers competitive salaries and a comprehensive benefits package including medical and dental benefits, tuition remission, vacation, paid holidays and much more. The University of Miami is an Equal Opportunity/Affirmative Action Employer.