

Postdoctoral Associate at the University of Miami (US)

The Cooperative Institute for Marine and Atmospheric Studies (CIMAS) at the University of Miami invites applications for a Postdoctoral Associate position in Ocean and Atmosphere Modeling.

Goal: Develop and test a new paradigm linking extratropical atmospheric circulations to the initiation and evolution of El Niño/Southern Oscillation events.

Project description: We are seeking a highly motivated postdoctoral research associate with a strong background in the numerical modeling of large-scale ocean and atmosphere circulations to join an NSF-funded, multi-institution research team investigating the initiation and evolution of El Niño/Southern Oscillation (ENSO) events. In particular, the postdoctoral researcher will be responsible for designing, conducting, and analyzing controlled numerical model experiments to test a number of research hypotheses focused on the efficacy of extratropical atmospheric forcing of ENSO events. This research will improve our understanding of sources and limitations of ENSO predictability, and lead to improved predictions of developing ENSO events. The successful candidate will also have access to numerous career preparation activities including collaboration with researchers in both academic and cooperative (academic-federal) institutions, funding to attend national and international conferences, and access to professional development seminars and workshops for early-career researchers.

Qualifications: Applicants must have a Ph.D. in Physical Oceanography, Atmospheric Science or a related field and a demonstrated ability/interest in publishing results in the peer-reviewed literature. Highly desirable qualifications include the ability to run ocean and global coupled climate models. Prior experience with a commonly used global coupled climate model, such as GFDL's coupled climate model or NCAR's community earth system model, is also desirable but not required. Knowledge of Unix, Fortran, and/or C+, along with good oral and written communications skills, is also sought.

Applicants must apply online at www.miami.edu/careers (<http://www.miami.edu/careers>) (Position #P100019270). The application should include a curriculum vitae, a cover letter stating research interests, experience and the contact information for three professional references. The selection processes will begin on December 15, 2016 and the position will remain open until filled. The starting date of the position is expected to be in March 2017, but is negotiable. The appointment will initially be for one year, renewable for a second year depending on performance. Salary will be commensurate with experience. Applicants may direct questions about the position to Dr. Renellys C. Perez at Renellys.C.Perez@noaa.gov (<mailto:Renellys.C.Perez@noaa.gov>), Prof. Bruce T. Anderson at brucea@bu.edu (<mailto:brucea@bu.edu>), or Prof. Benjamin Giese (b-giese@tamu.edu (<mailto:b-giese@tamu.edu>)).

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