



Faculty Position in the Department of Climate and Space Sciences and Engineering at the University of Michigan

The Department of Climate and Space Sciences and Engineering in the College of Engineering at the University of Michigan in Ann Arbor invites applications for a tenured or tenure-track faculty position. Applicants at all ranks will be considered. We welcome applicants working on tropical meteorology, extreme weather, data assimilation and the weather-climate continuum, as well as applicants working at the interface between engineering and science applications. Applicants whose research emphasizes instrumentation, field observations, large-scale computing or big data analysis are all welcomed to apply. Exceptional applicants in other areas of the atmospheric sciences will also be considered.

The successful candidate is expected to (1) develop a widely recognized and externally funded research program, (2) supervise graduate students in research and (3) participate in the teaching mission of the Department and the College at both the graduate and undergraduate levels. Interest in developing collaborative relationships in research and teaching with other departments and colleges in the University is strongly encouraged. A PhD in a subject related to climate sciences or other relevant disciplines in science or engineering is required. Applications should include a cover letter, CV, research and teaching statements, and a list of at least four references. For full consideration applications in a single PDF file should be received before December 8th, 2016. Applications and questions concerning this position should be directed to claspsearch@umich.edu or the search committee chair Prof. Xianglei Huang (xianglei@umich.edu).

Formerly known as the Department of Atmospheric, Oceanic, and Space Sciences, the department changed to the current name in 2015 in order to better communicate the broad scope and depth of research, teaching and service in the department and to emphasize its connection to the College of Engineering. The department currently consists of 27 tenured or tenure-track faculty and 125 graduate students with annual research expenditures of \$52.2 million in 2016. It offers an exciting research and teaching environment with wide scope and rich expertise within the Department as well as diversified interdisciplinary opportunities within the University. A recent highlight from the department is the incoming launch of the first NASA Earth-Venture Mission, CYGNSS (Cyclone Global Navigation Satellite System), which is led by our faculty member and aims to improve extreme weather prediction. Research conducted within the Department covers radiation and climate, remote sensing, atmospheric dynamics and numerical methods, carbon cycle science, atmospheric chemistry and air pollution, aerosol-cloud-climate interactions, as well as mesosphere-to-ionosphere coupling, heliophysics, space weather, and planetary science. Strong expertise exists in instrumentation, numerical simulations, as well as theoretical studies. In addition to the regular PhD program, the department also offers Master of Engineering programs in Applied Climate and Space Engineering.

The University of Michigan in Ann Arbor has 19 schools and colleges in total. CLaSP faculty have ongoing collaborations with researchers and faculty in many other nationally top-ranked programs within the University, including other engineering departments, the School of Natural Resources and the Environment, Earth and Environmental Sciences, the School of Public Health, School of Information, and the Ross School of Business.

The College is especially interested in qualified candidates who can contribute, through their research, teaching, and service, to the diversity and excellence of the academic community. Women, minorities, individuals with disabilities, and veterans are encouraged to apply. The University is also responsive to the needs of dual career couples. The University is a non-discriminatory, affirmative action Employer.