

**Assistant Professor of Earth, Atmospheric, and Planetary Sciences
Purdue University**

The Department of Earth, Atmospheric and Planetary Sciences (EAPS), within the College of Science at Purdue University, invites applications for a tenure-track faculty position in large-scale geophysical fluid dynamics at the rank of Assistant Professor to begin in the 2020-21 academic year.

Qualifications: Candidates must have completed their PhD in Atmospheric Science or related field at the time of employment. Within EAPS and Purdue, candidates will find supportive colleagues and a diverse and vibrant academic community, with ample opportunities for professional and personal growth.

The successful candidate should be able to develop a vigorous, externally funded, internationally recognized theoretical, experimental, and/or observational research program that pursues novel integrative approaches to study geophysical fluid interactions across global-to-regional scales and to develop a complementary teaching portfolio. Possible areas of study may include: planetary-scale modes of climate variability, coupled ocean/atmosphere/cryosphere interactions, stratosphere/troposphere interactions, weather-climate interactions, and predictability in weather and seasonal forecasts.

The candidate's program is expected to complement existing research within the department and teaching needs at the undergraduate and graduate levels. The potential to develop interdisciplinary, collaborative research that cuts across specialty areas within the department, the College of Science, and Purdue's research community is desirable. EAPS has experienced growth in recent years, with 10 new faculty hires in the last three years, and we anticipate further growth in future years. One particular area of emphasis will be in the area of data sciences. We expect synergies between this position and the other hires. In particular, the successful candidate will have multiple opportunities to join transdisciplinary efforts in areas such as natural hazards risk prediction, fusion of modeling and data science, and the food-energy-water nexus.

The College: EAPS is part of the College of Science, which comprises the physical, computing and life sciences at Purdue. It is the second-largest college at Purdue with over 350 faculty and more than 6000 students. With multiple commitments of significant investment and strong alignment with Purdue leadership, the College is committed to supporting existing strengths and enhancing the scope and impact EAPS. These positions are a central component of a large-scale interdisciplinary hiring effort across key strategic areas in the College, including mathematical and computational foundations, quantum computation, and data science, and aligns with the new campus-wide key strategic priority declared by Purdue's Board of Trustees including the Integrative Data Science Initiative (see <https://www.purdue.edu/data-science/>). Purdue itself is one of the nation's leading land-grant universities, with an enrollment of over 41,000 students primarily focused on STEM subjects. For more information, see <https://www.purdue.edu/purduemoves/initiatives/stem/index.php>.

Application Procedure: Interested applicants should apply at <https://career8.successfactors.com/sfcareer/jobreqcareer?jobId=7960&company=purdueuniv&userename=>, and submit: 1) a curriculum vitae, 2) a research statement, 3) a teaching statement, and 4) complete contact information for at least 3 references.

Purdue University's Department of Earth, Atmospheric, and Planetary Sciences is committed to advancing diversity in all areas of faculty effort, including: scholarship, instruction, and engagement. Candidates should address at least one of these three areas in their cover letter, indicating their past experiences, current interests or activities, and/or future goals to promote a climate that values diversity and inclusion.

Review of applications will begin January 6, 2020 and continue until the position is filled. Questions related to this position should be sent to Matthew Huber (eaps-faculty-search@purdue.edu). A background check will be required for employment in this position. Purdue University is an ADVANCE institution.

Purdue University is an EOE/AA employer. All individuals, including minorities, women, individuals with disabilities, and veterans are encouraged to apply.