JSG Distinguished Postdoctoral Fellows

Position Description

The Jackson School of Geosciences at The University of Texas at Austin is seeking applicants for its 2023-2024 school-wide Distinguished Postdoctoral Fellows Program. We seek to hire creative, enterprising and community-engaged postdoctoral scholars who will conduct independent research on topics that advance our understanding of Earth as a system while engaging with researchers and faculty across the Jackson School. We welcome applicants with research interests across geosciences disciplines, but we are particularly interested in applicants who want to work at the interfaces between disciplines.

Diversity, equity, and inclusion are core values of the Jackson School. Our excellence can only be fully realized by scientists, students, and staff who share our commitment to these values.

Topics of collaborative study could include, but are not limited to:

* Polar-to-equatorial coastal processes and sea-level change;
* Energy systems, including transitional sources, alternative energy, and infrastructure (e.g., geothermal systems, gas hydrates, hydrogen energy, carbon capture and storage, energy and environmental economics);
* Subduction zone geodynamics;
* Climate change and water-energy security;
* Computational fluid- and solid-Earth geophysics, including machine learning;
* Natural hazard modeling and monitoring;
* Planetary evolution and habitability.

The appointment is for two years with a salary of $70,000 per year, plus health care and other benefits. Research support of $10,000 per year is also provided. As are one-time relocation costs of up to $5000. The start date is flexible and can be as early as February 1, 2023.

Qualifications

Applicants must complete a Ph.D. before starting, but be no more than three years past their doctoral degree date.

Application Instruction

The application package should include:

* A document outlining past achievements and general research interests (one page).
* A brief research proposal, including a short section describing how the research may leverage and magnify research being conducted at the Jackson School, ideally with more than one research group at the Jackson School (one page).
* A current CV that includes education and employment history, publications, and awards. *Must include month and year that Ph.D. was awarded or the**expected completion date.*
* Statement addressing past and/or potential contributions to diversity through research, teaching, and or service.
* A list of names and contact information for three potential references.

**Apply at: https://apply.interfolio.com/116139**

**The application deadline for this round of funding is December 16, 2022.**

Applicants are welcome to reach out to research groups across the Jackson School to discuss potential areas of research interest. Please note that the Jackson School has many postdoctoral fellows in addition to the Distinguished Postdoctoral Fellows. To apply for other postdoctoral opportunities, applicants are encouraged to make direct contact with Jackson School scientists they are interested in working with.