

## Exploration Fellowship in Earth and Space Science FY24

The School of Earth and Space Exploration (SESE) in The College of Liberal Arts and Sciences at Arizona State University invites applications for the postdoctoral research scholar position of Exploration Fellow. The mission of the postdoctoral fellowship is to foster SESE's interdisciplinary research program by attracting and supporting outstanding early-career scientists and engineers to pursue independent research in collaboration with SESE faculty. Research areas within SESE encompass theoretical and observational astrophysics, astrobiology, cosmology, geology, Earth surface processes, planetary science, instrumentation and systems engineering, and science education. Anticipated start date for the position is July 2023. Incoming Fellows will receive a competitive stipend with health benefits, plus discretionary research funds. A relocation allowance will also be provided. The initial appointment is for one year with subsequent annual renewal for up to a total of three years, contingent upon satisfactory performance, the needs of the university, and availability of resources.

The College of Liberal Arts and Sciences (<https://thecollege.asu.edu/faculty>) at ASU values cultural and intellectual diversity, and continually strives to foster a welcoming and inclusive environment. We are especially interested in applicants who will be able to add to the diversity of the academic community of the College.

Interested candidates should contact two faculty members in SESE to discuss potential collaborative research topics and determine whether they would agree to serve as an Exploration Fellow mentor. Preference will be given to proposals that include interdisciplinary research spanning multiple research areas within SESE.

Essential duties of the position: The successful applicant will conduct original research, document results, and write journal articles, and present at scientific meetings.

Minimum Qualifications: Ph.D. by the time of appointment in a field relevant to Earth and Space exploration, including (but not limited to) astrophysics, physics, chemistry, geology, biology, and engineering. Candidates must be within five years from receipt of the doctoral degree.

Desired Qualifications: (1) a research proposal that demonstrates relevance, interdisciplinary merit, and/or potential impact of the proposed research activities to the overarching "big picture" research questions in the field and to the mission of SESE, (2) a record of prior achievement and experience demonstrating the potential to accomplish proposed research objectives, (3) demonstrated experience or future commitment to work with diverse student, faculty, and staff populations, and (4) evidence of strong verbal and written communication skills.

To apply, please submit to <http://apply.interfolio.com/116443> to include the following:

- A cover letter identifying the proposed research topic and the names of the two faculty mentors
- A current curriculum vitae
- A research proposal not longer than five pages (including figures and references)

- A diversity statement summarizing past and planned efforts to foster a diverse, equitable, and inclusive environment.
- One paper exemplifying the applicant's research
- Contact information for three references

Deadline for initial review of complete applications will be December 15, 2022. Letters of reference will be requested with a deadline of December 22, 2022. Applications will continue to be accepted on a rolling basis for a reserve pool. Applications in the reserve pool may then be reviewed in the order in which they were received until the position is closed.

Postdoctoral benefits can be found at: <https://cfo.asu.edu/new-employee-orientation>

More information about the Exploration Fellowship can be found at: <http://sese.asu.edu/exploration-fellowship>

More information about the department can be found here: <https://sese.asu.edu/>

*A background check is required for employment. Arizona State University is a VEVRAA Federal Contractor and an Equal Opportunity/Affirmative Action Employer. All qualified applicants will be considered without regard to race, color, sex, religion, sexual orientation, gender identity, national origin, disability, protected veteran status, or any other basis protected by law. (See <https://www.asu.edu/aad/manuals/acd/acd401.html> and <https://www.asu.edu/titleIX/>.)*

*In compliance with federal law, ASU prepares an annual report on campus security and fire safety programs and resources. ASU's Annual Security and Fire Safety Report is available online at <https://www.asu.edu/police/PDFs/ASU-Clery-Report.pdf>. You may request a hard copy of the report by contacting the ASU Police Department at 480-965-3456.*

*COVID-19 Vaccination - Arizona State University is a federal contractor and subject to federal regulations which may require you to produce a record of a COVID-19 vaccination. For questions about medical or religious accommodations, please visit the Office of Diversity, Equity and Inclusion's webpage: <https://cfo.asu.edu/work-place-accommodations>*