

Postdoctoral Research Associate JOB #11676  
Arizona State University  
School of Earth and Space Exploration

## 2017 Exploration Fellowship in Earth and Space Science

The [School of Earth and Space Exploration](#) (SESE) at Arizona State University invites applications for a Postdoctoral Research Associate who will serve as an 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, earth and planetary science, instrumentation and systems engineering, and science education. Anticipated start date for the position is July 2017. The expected duration of the Fellowship is three years. Incoming Fellows will receive an annual stipend of \$61,000 with health benefits, plus \$9,000 per year in discretionary research funds. A relocation allowance will be provided.

Interested candidates should contact two current faculty members in SESE to discuss potential collaborative research topics and determine whether they would agree to serve as mentors. When a topic of mutual interest between the applicant and potential faculty mentors is identified, the applicant should submit a research proposal that includes: (1) a cover letter identifying the proposed research topic and the names of the two faculty mentors, (2) a current CV, (3) a research proposal not longer than five pages, and (4) two papers exemplifying the applicant's research. Applicants should arrange for three letters of reference to be submitted separately. Preference will be given to proposals that include interdisciplinary research spanning multiple research areas within SESE.

**Minimum Qualifications:** Ph.D. by the time of appointment, but received no earlier than 2012, in a field relevant to Earth and Space exploration, including (but not limited to) astrophysics, biology, chemistry, engineering, geology, physics, and planetary science. Applicants who received their Ph.D. prior to 2012 will not be considered.

**Desired Qualifications:** (1) 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, and (3) evidence of strong verbal and written communication skills.

Application materials (and any questions) should be submitted by email to [exppd@asu.edu](mailto:exppd@asu.edu), addressed to the Exploration Fellowship Committee. Applications will only be considered complete when all materials described above are received. Initial review of complete applications will begin on November 18, 2016; if not filled, application review will continue every two weeks thereafter until the search is closed. A background check is required for employment.

More information about the Exploration Fellowship can be found at:

<http://sese.asu.edu/exploration-fellowship>

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, national origin, disability, protected veteran status, or any other basis protected by law.

<https://www.asu.edu/aad/manuals/acd/acd401.html>

<https://www.asu.edu/titleIX/>