Assistant Professor JOB #12117
School of Earth and Space Exploration
Arizona State University

The School of Earth and Space Exploration (SESE) invites applications for an Assistant Professor with expertise in geobiology and/or biogeochemistry. Anticipated start date is August 2018. We desire a candidate who (1) addresses fundamental questions in the interdependence of biological and geochemical processes on Earth and other habitable planets, and (2) can develop collaborations with other closely affiliated research programs in SESE (possibilities include astrobiology, geochemistry, ecosystem dynamics, hydrology, geodynamics, planetary science, and surface processes). We are interested in individuals showing capacities to bridge research in biological and geological processes. Examples include combining the geologic and genomic records to reveal the history of geobiological processes, harnessing molecular methods to track energy and material flows in active ecosystems, and theoretical developments related to the origin and evolution of life. The successful candidate will be expected to conduct research in biological and geochemical processes, teach at the undergraduate and graduate levels, and participate in service activities in the school, college and university.

Minimum qualifications:

- PhD in Geobiology or related field by the time of appointment.
- Established publication track record in Earth or planetary geobiological research.
- Demonstrated expertise in research methods that reveal biological and geochemical interactions.
- Demonstrated potential to establish a vigorous, externally-funded research program.
- Commitment to quality teaching at the graduate and undergraduate levels.

Desired Qualifications:

- Research expertise: We are interested in individuals showing capacities to bridge research in biological and geological processes. Examples include combining the geologic and genomic records to reveal the history of geobiological processes, harnessing molecular methods to track energy and material flows in active ecosystems, and theoretical developments related to the origin and evolution of life.
- Demonstrated success meeting the educational needs of diverse student populations and engaging in scientific outreach to diverse communities.

SESE brings together Earth and space science into one school, breaking traditional disciplinary boundaries to investigate the biggest questions. SESE combines the strengths of science, engineering, and education, to set the stage for a new era of exploration. See http://sese.asu.edu for more information, and https://sese.asu.edu/about/opportunities/faculty-positions.

To apply, please submit the following materials as a single PDF file: 1) a cover letter that includes a description of the applicant's research and teaching interests and experience, and indicate the Job number **12117** in your letter; 2) a current CV; and 3) the names, email addresses, institution, title, and telephone numbers of three references. Email the PDF of these application materials to sesenewfac@asu.edu.

Initial deadline for receipt of complete applications is November 20, 2017; if not filled, reviews will continue weekly until search is closed. 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, national origin, disability, protected veteran status or any other basis protected by the law.