POSTDOCTORAL RESEARCH SCHOLAR – NOBLE GAS GEOCHRONOLOGY AND ISOTOPE GEOCHEMISTRY OF PLANETARY MATERIALS
JOB ID #12764

The Group 18 Laboratories, School of Earth and Space Exploration, Arizona State University invites applications for a postdoctoral research scholar to study the origin and thermal evolution of lunar impact melt breccias, predominantly using noble gas geochronology and isotope geochemistry. These studies will be conducted largely using ultraviolet laser ablation microprobe techniques that permit very high spatial resolution sampling of target materials in petrographic context. This full-time, benefits-eligible position is renewable on an annual basis, contingent upon satisfactory performance, availability of resources, and the needs of the university. Applicants must be within five years of receipt of their Ph.D. to be considered for initial appointment and for subsequent annual renewal.

Minimum Qualifications: a Ph.D. in the Geosciences, Planetary Science or related field; demonstrated ability to perform high-quality geochemical analyses; demonstrated success at publishing research results in high-impact scientific journals; and an interest in the application of the methods of geochronology and/or isotope geochemistry to planetary materials. Desired Qualifications: familiarity with the application of microanalytical methods (laser ablation or secondary ionization mass spectrometry); experience or a strong interest in noble gas geochronology; and experience in geochemical kinetics research.

Applicants should send a cover letter, curriculum vitae, and a statement of research interests in pdf format to Kip Hodges at kvhodges@asu.edu. Initial review of complete applications will begin on March 20, 2019; if not filled, application review will continue until the search is closed. They should also arrange for three letters of recommendation to be sent electronically to the same email address.

A background check is required for employment. Arizona State University is an equal opportunity/affirmative action employer committed to excellence through diversity. Women and minorities are encouraged to apply. 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.