



Research Scientist/Lab Manager in High P-T Experimental Petrology

Department of Earth, Environmental and Planetary Sciences, Rice University

The Department of Earth, Environmental and Planetary Sciences at Rice University is seeking a Research Staff Scientist/Laboratory Manager for the high pressure-temperature experimental petrology-geochemistry research group. Responsibility of the Research Scientist will be to maintain and oversee the operation of an 1100-ton Walker-style multi-anvil device, three end-loaded piston cylinder devices, a gas mixing furnace, and a newly acquired cold seal apparatus. Prior experience with piston cylinder and multi-anvil operation with various experimental assemblies, calibration, use of related P-T controllers, and relevant data acquisition and data-logging are expected. The responsibility will also involve other operational aspects of the facility, including training and assisting other users. The candidate is expected to participate in the research activities in the experimental petrology-geochemistry group and will also be encouraged to conduct their own research. The position is intended to be a long-term position. Review of applications will begin on April 15, 2022 but will continue until the position is filled. The start date is flexible. The compensation will commensurate with experience.

The successful candidate must have earned a Ph.D. degree in an experimental high pressure research related field such as experimental petrology-geochemistry and mineral physics by the time of appointment. Applicants will be required to submit the following, as a single pdf to Rajdeep.Dasgupta@rice.edu: (1) cover letter; (2) curriculum vitae; (3) statement of interest, outlining prior experience and accomplishments in high P-T research; (4) the names, affiliations, and email addresses of three professional references who are familiar with research and technical experience of the candidate. Details about the experimental petrology research group and facilities can be found at <https://www.dasgupta.rice.edu/>. Details about the department and other facilities can be found at <http://earthscience.rice.edu>. Interested candidates should contact Rajdeep Dasgupta (Rajdeep.Dasgupta@rice.edu) for more information.

Rice University is located in Houston, Texas, USA and is a private, coeducational, nonsectarian university that aspires to path-breaking research, unsurpassed teaching, and contributions to the betterment of our world. Rice fulfills this mission by cultivating a diverse community of learning and discovery that produces leaders across the spectrum of human endeavor.

Rice University is an Equal Opportunity Employer with commitment to diversity at all levels, and considers for employment qualified applicants without regard to race, color, religion, age, sex, sexual orientation, gender identity, national or ethnic origin, genetic information, disability or protected veteran status. We encourage applicants from diverse backgrounds to apply.