The Department of Earth and Atmospheric Sciences (EAS) at the University of Houston (UH) invites applications for two tenure-track, Assistant Professor, positions in the broad fields of **Igneous Petrology/Geochemical Dynamics** and **Planetary Geology/Cosmochemistry**. EAS seeks dynamic researchers and educators who can establish broad and externally funded research programs and who will use the state-of-the-art facilities within EAS.

**Position 1 - Assistant Professor in Igneous Petrology/Geochemical Dynamics [FAC002540]:** EAS seeks applicants who use novel and cross-disciplinary approaches to investigate areas that may include but are not limited to intraplate and plate-boundary igneous systems, volcanology/volcanic hazards, the effects of magmatism on climate, early Solar System magmatism, strategic ore deposits associated with igneous systems, and/or element distributions and geochemical dynamics in deep planetary environments.

**Position 2 - Assistant Professor in Planetary Geology/Cosmochemistry** **[FAC002541]**: EAS seeks applicants with expertise in planetary science including but not limited to isotope cosmochemistry, early Solar System materials, evolution of the inner and outer Solar System, formation and evolution of habitable planets, origins of water in the inner Solar System, origins of the Earth-Moon system, early evolution of the Earth, and/or assessment of natural resources needed for planetary exploration.

Successful candidates are expected to build active collaborations within and outside the university, to develop externally funded research programs that are internationally recognized, to teach graduate and undergraduate level courses that bridge theory and practical applications, and to use their research to enhance experiential learning at UH. Candidates are also expected to leverage the existing instruments and lab facilities at EAS that include a clean lab dedicated to two TIMS instruments (Thermo Scientific Triton XT and Thermo Scientific Triton Plus) with positive and negative ion capability, other labs with QQQ-ICP-MS, LA-ICP-MS, ICP-OES, a Nu Instruments NuPlasma II MC-ICP-MS, and new instrumentation capable of measuring triple oxygen and clumped isotopes. Outside of EAS, the University of Houston Nanofabrication and Materials Characterization facilities also host SEM, TEM, and FIB instruments that are accessible to EAS users.

The University of Houston is an equal opportunity/affirmative action employer. Minorities, women, veterans, and persons with disabilities are encouraged to apply. The University of Houston is responsive to the needs of dual career couples. Furthermore, EAS welcomes candidates whose experience in teaching, research, or community service has prepared them to contribute to the Department and College’s commitment to diversity and excellence. More information about the department can be found at http://www.uh.edu/nsm/earth-atmospheric/. Candidates must have a Ph.D. in Geosciences or related field at the time of the appointment.

Applications received by October 31st, 2022 will receive the fullest consideration. Interested candidates should submit, along with their contact information: 1) a statement of teaching interests, 2) a statement of research interests, 3) a curriculum vitae, and 4) a list of at least 3 references. Applications should be submitted online using the following link: https://www.uh.edu/human-resources/careers/.

Notes to Applicant: Official transcripts are required for a faculty appointment and will be requested upon selection of the final candidate. A background check is required prior to interviewing. All positions at the University of Houston are security sensitive and will require a criminal history check. Any questions about these positions may be directed to the search committee chair, Dr. Qi Fu, at qfu5@central.uh.edu.