POSTDOCTORAL RESEARCHER (ELEMENTAL/ISOTOPIC ANALYSIS) – ID# 14629
Hawaii Institute of Geophysics and Planetology. Regular, Full-Time, RCUH Non-Civil Service position with the Hawaii Institute of Geophysics and Planetology (HIGP), located in Honolulu, Hawaii. Continuation of employment is dependent upon program/operational needs, satisfactory work performance, availability of funds, and compliance with applicable Federal/State laws. **MINIMUM MONTHLY SALARY:** $5,000/MON; salary commensurate with qualifications. **DUTIES:** Carries out fundamental research on elemental and isotopic analysis of samples returned by NASA’s Stardust and Genesis Missions. Designs the research approach and measurements to be made. Develops sample preparation methods suitable to the research approach, measuring the samples using the appropriate techniques. Analyzes and reduces the data gathered by the measurements. Interprets the experimental results in the context of what we know about the Sun and the solar system. Writes up the results for publication in peer-reviewed journals. **PRIMARY QUALIFICATIONS:**

**EDUCATION/TRAINING:** PhD from an accredited college or university in Cosmochemistry or related field. **EXPERIENCE:** At least two (2) years of research experience (PhD research experience is valid) in at least one (1) of the following areas: cosmochemistry, meteoritics, isotope geochemistry or cosmochemistry, and secondary ion mass spectrometry. Familiarity with at least one (1) of the following is required: petrographic microscope, scanning electron microscope, electron microprobe, Raman spectrometer, or ion microprobe. **ABIL/KNOW/SKILLS:** Basic knowledge of cosmochemistry and related fields (e.g., geology, astronomy, chemistry, physics, mathematics). Detailed knowledge about the field of PhD study. Familiarity with Windows or Mac computer operating systems and common software, such as Microsoft Office, Adobe products, etc. Ability to use modern analytical equipment, such as electron microprobe, scanning electron microscope, ion microprobe, or other types of mass spectrometers. Must possess good verbal and written communication skills.

**POLICY AND/OR REGULATORY REQUIREMENTS:** As a condition of employment, employee will be subject to all applicable RCUH policies and procedures and, as applicable, subject to University of Hawaii's and/or business entity's policies and procedures. Violation of RCUH's, UH's, or business entity's policies and/or procedures or applicable State or Federal laws and/or regulations may lead to disciplinary action (including, but not limited to possible termination of employment, personal fines, civil and/or criminal penalties, etc.). **SECONDARY QUALIFICATIONS:** Experience with isotopic measurements or meteorite petrography. Background in statistical analysis. Experience with MATLAB or other types of computer programming.

**INQUIRIES:** Gary Huss 808-956-9342, ghuss@higp.hawaii.edu. **APPLICATION REQUIREMENTS:** Please go to www.rcuh.com, click on “Employment”; select “Apply” and navigate to “See Job Announcements and/or Apply for a Job.” You must submit the following documents online to be considered for the position: 1) Cover Letter, 2) Resume, 3) Salary History, 4) Supervisory References, 5) Copy of Degree(s)/Transcript(s)/Certificate(s). All online applications must be submitted/received by the closing date (11:59 P.M. Hawaii Standard Time/RCUH receipt time) as stated on the job posting. If you do not have access to our system and the closing date is imminent, you may send additional documents to ruahr@rcuh.com. If you have questions on the application process and/or need assistance, please call (808) 956-8344. **CLOSING DATE:** Deadline for applications is January 15, 2015. Applications received after this deadline may be considered only if the position is not filled or up to the date a selection has been approved by the RCUH (whichever comes first). EEO/AA Employer.