

Stony Brook University, home to many highly ranked graduate research programs, is located 60 miles from New York City on Long Island's scenic North Shore. Our 1,100-acre campus is home to 24,000 undergraduate, graduate, and doctoral students and more than 13,500 faculty and staff, including those employed at Stony Brook Medicine, Suffolk County's only academic medical center and tertiary care provider. The University is a member of the prestigious Association of American Universities and co-manager of nearby Brookhaven National Laboratory (BNL), a multidisciplinary research laboratory supporting world class scientific programs utilizing state-of-the-art facilities such as the Relativistic Heavy Ion Collider, the National Synchrotron Light Source, and the Center for Functional Nanomaterials, and the NewYorkBlue IBM BG/L+P supercomputer, owned by Stony Brook and managed by BNL. Stony Brook is a partner in managing the Laboratory for the Department of Energy, and is the largest institutional scientific user of BNL facilities. As such, many opportunities exist for collaborative research, and in some cases, joint appointments can be arranged.

Descriptive Title: Postdoctoral Associate
REF#: WC-R-9213-14-09-S
Budget Title: same as above
Research Foundation Professional Position
Department: Geosciences
RF Line#: R1831000
Grade: E.89
Campus: Stony Brook West Campus/HSC

Salary: \$38,000 - \$49,000

***Required Qualifications:** * PhD, or the equivalent degree from a foreign university, in Geosciences, Planetary Sciences, Astronomy, Physics or related field. Applicant must have successfully defended their dissertation prior to the start date. Course work or research experience in remote sensing and/or geospatial analyses and planetary geology.

***Preferred Qualifications:** * Research experience related to geology of Mars. Experience in processing and analyzing infrared spectral datasets from spacecraft. Experience with scientific programming in IDL, Python, Matlab, C++-based language, or similar. Effective writing and verbal communication skills. Demonstrated outstanding research ability, with an emphasis on critical thinking skills and high productivity.

***Brief Description of Duties:** * The Postdoctoral Associate will conduct research in Planetary Science, with an emphasis on quantitative studies of Martian surface and crustal materials through analysis of spacecraft data. The successful incumbent will be responsible for the following:

- * Process, analyze and interpret visible and infrared images from Mars.
- * Summarize findings in conference presentations and publications.
- * Process, analyze and interpret supporting data sets and models such as elevation, geologic maps, and general circulation models.
- * Read and synthesize information from relevant scientific literature to inform geologic interpretations of planetary data.

***Special Notes:** * This is a full time position. The Research Foundation of SUNY is a private educational corporation. Employment is subject to the Research Foundation policies and procedures, sponsor guidelines and the availability of funding. FLSA Exempt position, not

eligible for the overtime provisions of the FLSA. Internal and external search to occur simultaneously.

The selected candidate must successfully clear a background investigation.

*Application Procedure: * Those interested in this position should submit a Research Foundation Employment Application <<http://www.stonybrook.edu/jobs/>>, cover letter and resume to the Online Resume System (electronic submission in a PDF format utilizing the blue resources box is required).

Applications for this position must be received, as specified in the Application Procedure Section, no later than 5:00 PM Eastern Time on 10/29/2014, unless specifically noted otherwise in the Special Notes Section.

Equal opportunity employer, females, minorities, disabled, veterans.

If you need a disability-related accommodation, please call the Human Resource services department at (631) 632-6161 or the university hospital human resources department at (631) 444-4700.

In accordance with the title ii crime awareness and security act, a copy of our crime statistics is available upon request by calling (631) 632-6350. It can also be viewed on-line at the university police Website at <http://www.stonybrook.edu/police>

Apply here: <http://www.click2apply.net/wr5rkxc>