The Department of Geosciences and the Department of Applied Math at Stony Brook University seek applicants for a postdoctoral position involving experimental and numerical modeling of changes in porosity, permeability and mechanical strength induced by carbon dioxide sequestration at elevated temperatures and pressures. The position will be involved with all aspects of the research program including project components that are not within the incumbent's immediate area of expertise.

The successful candidate will participate in fluid flow experiments in geologic media at a range of temperatures and pressures; x-ray tomography experiments to image microstructural changes; and computer analyses to quantify such changes.

The position requires a Ph.D. in a related field; laboratory research experience in flow/transport processes in porous media; and experience using computer modeling approaches using C programming and Unix/Linux operating systems. The position is a 1 year appointment with a very strong possibility of renewal based upon satisfactory performance.

For more information and to apply online visit www.stonybrook.edu/jobs; click on the Postdoctoral Positions link. Each application should include a cover letter and curriculum vitae (PDF format only). In addition, three reference letters should be forwarded to Prof. W. Brent Lindquist, 407 Administration Bldg., Stony Brook University, Stony Brook, New York, 11794-1401.

SBU is an Equal Opportunity/Affirmative Action employer.