

Energy & Geoscience Institute

Geomechanics - Funded PhD Opportunity

The **Carbon Science Initiative** at the **University of Utah** has immediate PhD and Post-Doc positions. Successful candidates will be hired as Graduate Research Assistant (GRA) working on projects of numerical simulation and/or lab experiments at the **Energy & Geoscience Institute**.

The **Carbon Science Initiative** research group is dedicated to advancing innovative solutions to climate change and promoting net-zero greenhouse gas projects. We, as part of the **Energy & Geoscience Institute**, are involved in several of the nation's leading geoenery research projects in the fields of **Carbon Sequestration, Enhanced Geothermal Systems** and **Energy GeoStorage**.

Successful candidates will have a strong background in at least one of the following areas: geomechanical modeling, experimental geomechanics, hydrology/reservoir engineering numerical modeling, and seismology/signal analysis.

The candidates shall also feel comfortable implementing algorithms, data acquisition and processing in MATLAB, Python and R. Knowledge of ABAQUS or COMSOL is an asset. An earned master's degree in a relevant field is preferred but not required.

The Carbon Science Initiative promotes Justice, Equity, Diversity, and Inclusion in all aspects of its work.

Please send your **CV, Statement of Purpose, list of 3 referees** and a **sample publication** to **Prof. No'am Z. Dvory**: nzd@egi.utah.edu.