

The University of Texas at Austin  
Jackson School of Geosciences, Bureau of Economic Geology (BEG)  
**Postdoctoral position in hydrogen storage geomechanics/geochemistry**

**Description:** The postdoctoral researcher will devise and execute laboratory chemical reaction experiments of rock materials and geomechanical tests to evaluate caprock integrity and wellbore cement stability for subsurface hydrogen storage. The position will be supervised by Dr. Peter Eichhubl (BEG, <http://www.beg.utexas.edu/eichhubl/index.htm>), in collaboration with members of the GeoH2 research team at UT Austin <https://www.beg.utexas.edu/geoh2/>.

**Desired qualifications:** Independent research experience in experimental geochemistry and/or experimental rock mechanics

**Minimum qualifications:** Recent (<3 years) PhD in geosciences, geochemistry, reservoir geomechanics, engineering rock mechanics, or a related discipline. The successful candidates must provide a record of successful collaborative research, be able to work toward project deadlines, and have a willingness to work with industry scientists to apply techniques and research results. The candidate must have a demonstrated record of scientific publication in international peer-reviewed journals as lead author and demonstrated fluency in spoken and written English. The successful applicant will be expected to present at meetings with sponsors, present at conferences, and publish in international journals.

The position is available now for an initial duration of 1 year, with the possibility of renewal based on satisfactory progress and availability of funds. The successful candidate will join a multidisciplinary team of scientists and engineers at the Bureau of Economic Geology and the Cockrell School of Engineering. UT offers competitive salary and benefits, a collaborative research environment, and the facilities of a large research university. This position is an in-person position located on J.J. Pickle Research Campus in North Austin.

**To Apply:** Applicants must send a *combined* electronic (pdf) file containing a letter of application, resume with a complete record of publications including links to articles, brief statement of professional goals with an emphasis on research objectives, and names and addresses of three professional references (at least two academic) via e-mail to Dr. Peter Eichhubl, [peter.eichhubl@beg.utexas.edu](mailto:peter.eichhubl@beg.utexas.edu). Additionally, applicants must submit their application to [https://utaustin.wd1.myworkdayjobs.com/EN-US/UTstaff/details/Postdoctoral-Fellow\\_R\\_00026616](https://utaustin.wd1.myworkdayjobs.com/EN-US/UTstaff/details/Postdoctoral-Fellow_R_00026616). Applications will be reviewed until the position is filled.

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