



AUBURN  
UNIVERSITY

SAMUEL GINN COLLEGE OF  
ENGINEERING

Dr. Lauren Beckingham's (<https://laurenbeckingham.wordpress.com>) Water-Rock Interactions in Subsurface Energy Systems (WRISES) environmental engineering group in the Department of Civil & Environmental Engineering at Auburn University invites applications for postdoctoral researcher positions. This group focuses on advancing fundamental knowledge of fate and transport processes in environmental systems and developing sustainable solutions to climate change and environmental problems at the energy-water nexus. We couple numerical, experimental, and imaging investigations to enhance understanding of geochemical reactions and fate and transport in subsurface systems. Multiple projects funded by the Department of Energy (DOE) and the National Science Foundation (NSF) are ongoing.

Postdoctoral positions are available focusing on water-rock interactions in subsurface energy systems including geologic CO<sub>2</sub> sequestration and H<sub>2</sub> storage. Postdocs will lead independent research to advance knowledge of geochemical interactions in subsurface storage systems and address technological gaps limiting implementation. The associated candidate should have or be completing a Ph.D. in Civil Engineering, Environmental Engineering, Chemical Engineering, Petroleum Engineering, Geosciences, Chemistry, or a related field. The ideal candidate will be highly self-motivated, organized, and have pertinent laboratory experience.

Auburn University is one of the nation's premier public land-grant institutions that provides collaborative opportunities with experts throughout the sciences and engineering. The Samuel Ginn College of Engineering is growing with major investments new faculty hires and in infrastructure, including the laboratories of Dr. Beckingham that is housed in the newly renovated, state-of-the-art Gavin Engineering Research Laboratory. The city of Auburn offers a great quality of life with affordable housing, active civic engagement, and recreational opportunities such as Chewacla State Park in the Appalachian foothills. Auburn is a college town and one of Alabama's fastest growing cities that is within a few hours' drive of Atlanta, Montgomery, Birmingham, and beaches in AL and FL.

Interested applicants should contact Dr. Lauren Beckingham ([leb@auburn.edu](mailto:leb@auburn.edu)).