



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 fully funded M.S./Ph.D. and Ph.D. studies beginning in summer or fall 2022. 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. In our work 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.

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 possess a B.S. or M.S. in Civil Engineering, Environmental Engineering, Chemical Engineering, Geosciences, Chemistry, Physics or a related field. Admitted applicants will receive a competitive stipend, full tuition, and benefits. Interested students must first apply and be admitted to the graduate program of the Department of Civil and Environmental Engineering (Environmental Engineering specialization area) at Auburn University (<http://graduate.auburn.edu/prospective-students/application-instructions/>). Applicants should mention specific faculty with whom they would like to work in their application materials and discuss how their research interests align with current research programs.