

Recruitment Flyer

Job Type: Graduate

Job Rank: Master Student

Job Institution: Auburn University

Job Descriptions:

Two master research assistantships starting in Fall 2021 are available in Dr. Dengjun Wang's lab (<https://wangdengjun.weebly.com>) in the School of Fisheries, Aquaculture and Aquatic Sciences (<https://sfaas.auburn.edu/>) at Auburn University (<https://www.auburn.edu/>). Research areas in Dr. Wang's lab include: (1) transport/cotransport of colloids, nanoparticles, and emerging contaminants (PFAS and plastics) in porous media; (2) identifying sources and biogeochemical cycling of phosphorus (P) in watershed; (3) innovative technology for soil and groundwater remediation including PFAS remediation; and (4) nanotechnology for sustainable agriculture, fisheries, and aquaculture (*e.g.*, nanopesticides, nanofertilizers, and nanosensors).

Minimum Qualifications:

- An earned bachelor's degree in fisheries and aquatic science, environmental science, soil science, or closely related fields is required
- Experience or coursework in aquatic chemistry, analytical chemistry, or soil physics
- Good communication skills, team spirits, and dedication to academic excellence

Preferred Qualifications:

- Experience in analytic techniques such as ICP-MS, GC-MS, and HPLC-MS
- Basic knowledge or skills of ORIGIN, MATLAB, R, and Python software

Interested candidates are encouraged to send email to Dr. Wang (dzw0065@auburn.edu) with a single PDF file including: (1) an application letter describing your relevant experiences; (2) CV; (3) copies of transcripts; (4) GRE, TOFEL, and IELTS scores; and (5) contact information of three references. Review of candidates will start immediately, and decision will be made once the ideal candidate is identified.

More information on the application at Auburn University can be found at:

Graduate School: <http://bulletin.auburn.edu/thegraduateschool/admissions/>

Auburn University is a public research and land-grant university in Auburn, Alabama. The university is classified among "R1: Doctoral Universities – Very High Research Activity" that provides intensive collaborative opportunities with experts throughout the sciences and engineering. The U.S. News & World Report (2019) ranks Auburn as tied for 44th among public universities in the U.S. It is a charter member of the Southeastern Conference (SEC) and has won a total of 21 intercollegiate national championships. 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 Alabama and Florida.