

**PURPOSE:** The Bernhardt lab (<http://bernhardtlab.weebly.com/>) at Duke University has a summer research assistant position open to assist with work on two projects, 1) how the urban homogenization of hydroscares alters denitrification potential in ponds across US cities and 2) an NSF funded project examining how variability in urban watershed development affects streamwater quality.

**DESCRIPTION:** Assist with experiments to determine how different aspects of urbanization affect aquatic ecosystem processes. Responsibilities may include: driving to field sites to download sensor data and collect water samples; running water samples on a MIMS, IC, Lachat, and other lab equipment; measuring stream discharge in the field; processing pond sediment samples for denitrification assays; sample digestions for ICP-MS analysis; maintaining a database and general lab maintenance.

**REQUIREMENTS:** Experience with field research in an ecology or biogeochemistry lab a plus but not necessary. Background or at least one environmental science, ecology, or chemistry course. Must be self-motivated, able to work without direct supervision, and able to tolerate Durham, NC summer conditions (humid & hot). Must have a driver's license and be willing to drive a large lab vehicle. We are especially interested in students who would like to gain research experience in ecology in order to pursue future opportunities.

Name of Student's Supervisor: Joanna Blaszczak, Dr. Emily Bernhardt

Position: Full-time, salary commensurate with experience

Time Frame: Summer (flexible dates)

How to apply: Send your resume including your GPA, relevant classes taken, contact information for a reference, and a brief description of why you are interested plus relevant experience to Joanna Blaszczak at [urbanstreamsRT@gmail.com](mailto:urbanstreamsRT@gmail.com)

Application Deadline: April 15th