



Air Quality Monitoring - Sampling Design Internship The U. S. National Park Service, National Capital Region

The U. S. National Park Service (NPS) National Capital Region (NCR), Office of Natural Resources and Science (NRS) is seeking an upper level student with a background in Experimental Design, Air Monitoring, Ground-level Pollution, or related fields. The intern will design a monitoring system and protocols to evaluate air pollutant exposure to visitors within urban parks. The highly urbanized and rapidly growing region around NCR parks makes them increasingly important as a critical refugia for urban visitors and other species in a changing climate. We anticipate that the internship will begin in October of 2018 and continue through May of 2019, as needed.

The intern will work closely with the NPS Urban Ecology Research Learning Alliance's Science Education Coordinator. The intern will have the opportunity to present findings to NPS staff in the National Capital Region. This position will begin as soon as possible in October 2018 and continue until May 2019 depending on the student's interest and available funding. Hours are part-time, not to exceed 20 hours/week, during the semester. Duty station is flexible but visits to the Natural Resources and Science Office in Washington, DC will periodically be necessary. Additionally, the intern should have access to a computer. Mentors will include NPS staff in the UERLA and the Office of Natural Resources and Sciences. The intern will be designing protocols for air quality monitoring on public lands.

UERLA is a National Park Service Research Learning Center that serves 16 parks in National Capital Region. We translate complex research results into readily understandable information, providing research, education, and technical assistance for parks. UERLA also provides science communication outreach to park managers and external audiences via websites, workshops, and publications. UERLA maintains research and education partnerships with universities, not-for-profit, education, and other federal agencies. The education activities of UERLA include providing training opportunities for NPS staff and partners, participating in science education programs, and building external partnerships that support science education in parks. Within the Natural Resources and Science Office, other science programs, such as botany, wildlife, geology, air resources, and inventory and monitoring, aquatic ecology work with the Urban Ecology Research Learning Alliance on interdisciplinary projects.

Students must be enrolled in a degree program for the duration of the internship. The position will be a University of Maryland paid internship.

If interested, provide a current resume with references, transcripts, and letter of interest electronically to Ann_Gallagher@nps.gov, Science Education Coordinator, Urban Ecology Research Learning Alliance, National Capital Region, National Park Service, 4598 MacArthur Blvd., NW, Washington, DC 20007, Cell: (202) 322-9888. Please use the subject line 'Air Quality Monitoring'.

The deadline for applying is **9-28-2018 at 5 pm ET**. We expect to begin to interview candidates the week of **10-7-2018**.