



SCHOODIC INSTITUTE RESTORATION RESEARCH ASSOCIATE

The Schoodic Institute is seeking a highly motivated, full-time Restoration Research Associate to help with field research and logistics, data management, analysis, and reporting for three large-scale habitat restoration projects in Acadia National Park.

Title: Restoration Research Associate

Dates: 1 April 2023 (start date flexible) to 31 March 2024 (extension possible, dependent on funding)

Reports to: Climate Change Adaptation Scientist

Compensation: \$20.00 – 22.00/hour (depending on experience) for 40 hours a week plus benefits, with optional housing (private bedroom in a shared apartment) provided on the Schoodic Institute campus in the Schoodic District of Acadia National Park.

Application Deadline: Friday, February 3, 2023

Position Description:

The Restoration Research Associate will help coordinate science and monitoring for three ongoing restoration projects to increase the ability of Acadia's ecosystems to adapt to rapid global change. The restoration projects are part of the strong partnerships among the National Park Service, Schoodic Institute, and Friends of Acadia ([Wild Acadia Program](#)). Restoration sites include Great Meadow (a freshwater wetland), Bass Harbor Marsh (a saltmarsh), and three mountain summits (i.e., Cadillac, Sargent, and Penobscot Mountains). Science associated with the restorations will include testing methods to reduce the reinvasion of invasive species, testing climate change adaptation strategies, and evaluating light-weight and climate-smart methods for summit restorations. Monitoring will include a broad range of indicators including hydrology, water quality, climate, invasive and native plants, birds, and beavers.

The Restoration Research Associate will assist with project design and communication, field research and logistics, data management, analysis, and reporting. They will also lead a team of 4 technicians during the field season (May – November) including scheduling and coordinating field logistics for multiple research and monitoring activities. The Restoration Research Associate will work closely with the Climate Change Adaptation Scientist at the Schoodic Institute and staff at Acadia National Park on all responsibilities.

The position is a 1-year, full-time (40 hours/week) position with the possibility for extension depending on performance and funding. Qualified applicants enthusiastically embrace leading small teams, answering diverse questions in multiple ecosystems, working in challenging outdoor conditions, and learning on the go. Daily and weekly work schedules may fluctuate and could include some long work days (e.g., 12 hours) and work on weekends, but will be compensated with shorter work days/weeks. The Restoration Research Associate will use or work near herbicide to control invasive plants and will be required to take the Maine State Pesticide Applicator's exam. A valid driver's license is required to drive work vehicles.

Responsibilities:

- Work closely with the Climate Change Adaptation Scientist and staff at Acadia National Park to implement multiple research and monitoring protocols within the restoration sites. Research and monitoring activities will likely include applying herbicide to invasive



plants, planting native plants, restoring soil to mountain summits, surveying for invasive plants, managing autonomous bird monitoring units, and other activities.

- Lead a 4-person field crew including scheduling daily field activities, coordinating schedules with staff at Acadia, coordinating field logistics and safety, and participating in field work.
- Collect, manage, and analyze data associated with each research and monitoring project.
- Assist with annual reporting associated with each restoration project.
- Work with staff at the Schoodic Institute and Acadia National Park to help communicate the restoration research and monitoring to funders and the public.
- Other duties for Schoodic Institute may be assigned.

Preferred Education, Experience, Knowledge, and Skills:

- Bachelor's degree in an associated scientific discipline (ecology, forestry, environmental sciences, or related fields) and at least 2-years of experience working on ecological research and monitoring projects. Master's of Science in an associated scientific discipline is preferred, but not necessary.
- Experience leading small field crews on ecological research or monitoring projects.
- Strong organizational skills and experience managing multiple datasets is preferred.
- Knowledge of basic data management and analysis practices. Experience with R, excel, and google sheets is preferred.
- Experience using GIS software such as ArcGIS is preferred, but not necessary.
- Strong written and oral communication skills, including an ability to communicate effectively with the general public in formal and informal settings.
- Experience hiking and navigating (with maps, compass, and/or GPS), and an ability to hike in rough terrain carrying heavy (40 lb) loads.

Location:

Field work will occur in Acadia National Park on Mount Desert Island, ME. Office work will occur remotely or at the Schoodic Institute Campus in Winter Harbor Maine.

About Schoodic Institute:

Established in 2004, [Schoodic Institute](#) at Acadia National Park is a 501(c)(3) nonprofit organization and Acadia National Park's primary partner in science and education. Based at the largest of 17 National Park Service Research Learning Centers in Winter Harbor, Maine, in Wabanaki homeland, Schoodic Institute's focus is understanding environmental change taking place in Acadia and beyond, and helping managers of parks and other protected areas respond and adapt to change while engaging people of all ages in science. Schoodic Institute is an Equal Opportunity Employer.

Schoodic Institute is committed to increasing diversity in environmental science, education, and conservation. We are highly collaborative, inclusive, and committed to a team environment that is safe and free from bullying, harassment, and discrimination. Team members are encouraged to share ideas, enthusiasm, and knowledge with each other. Rapid environmental change demands a more diverse and skilled next generation of conservation champions and we are committed to this workforce development.



To apply:

Send a cover letter, resume, and contact information for two references as a single pdf to search@schoodicinstitute.org.

Subject line: Restoration Research Associate

COVID-19 statement: The job duties may be adjusted to accommodate COVID-19-specific safe working practices.