



## Plant Records Management Research Associate



In collaboration with the National Council for Preservation Education, the Olmsted Center for Landscape Preservation is seeking a research associate to assist with piloting IrisBG plant collection management software at three units of the National Park System: Frederick Law Olmsted National Historic Site (MA), Longfellow House Washington's Headquarters National Historic Site (MA), and John Muir National Historic Site (CA).

This project builds on a previous phase of work, which evaluated leading plant records management software options for use in national parks. Findings are available: [www.ncptt.nps.gov/blog/modernizing-national-park-service-plant-records-management-2017-02/](http://www.ncptt.nps.gov/blog/modernizing-national-park-service-plant-records-management-2017-02/)

The Plant Records Management Research Associate will:

- Work with NPS employees across cultural resources, natural resources, maintenance, and interpretation divisions to implement IrisBG by aggregating, standardizing, and importing existing vegetation datasets;
- Devise best practices and train park employees in the use of IrisBG;
- Develop web-based interpretive tools for the public based on the IrisBG Garden Explorer platform; and
- Create a summary report detailing best practices for working with large datasets, streamlining workflows, and developing interpretive tools based on IrisBG.

The successful candidate will demonstrate:

- Botanical and horticultural knowledge;
- Proficiency with Microsoft Excel and ArcGIS, including mapping complex datasets (Prior coding experience, with a focus on SQL, or database experience, with a focus on data analytics, mapping, or web publishing, is a plus.);
- Ability to communicate and write effectively;

- Ability to work independently and on multiple tasks; and
- Experience or willingness to work in a multicultural environment where diversity is an institutional value.

The Plant Records Management Associate must be currently enrolled in a degree-seeking program or have graduated within the past 12 months, a U.S. citizen/national/permanent resident, and pass a Federal background check.

This 30-week (about 7-month) position will be hosted at the Olmsted Center for Landscape Preservation's office in downtown Boston. A 40-hour work week is anticipated. A \$15/hour pre-tax stipend is provided, along with a monthly transit pass (\$85/mo. value). A vehicle is not needed. Housing is not provided.

The National Park Service Olmsted Center for Landscape Preservation promotes the stewardship of significant landscapes through research, planning, and preservation maintenance. Based in Boston, Massachusetts, the Center provides cultural landscape technical assistance to parks and historic properties. The Center accomplishes its mission in collaboration with a network of partners, including national parks, universities, and non-profit organizations.

This position is funded by the National Park Service National Center for Preservation Technology and Training and offered with the National Council for Preservation Education.

Apply by sending the following to [christopher\\_beagan@nps.gov](mailto:christopher_beagan@nps.gov) as a single PDF attachment. Applications will be considered until the position is filled:

- Cover letter, including dates of availability
- Resume, including academic background, volunteer and work experience, technical skills, interest areas, and contact information for two references
- Current academic transcript (unofficial)