### Description:
The position will be a University of Maryland-based, flexible, part-time, hybrid, paid internship. The U.S. National Park Service (NPS) National Capital Region (NCR), Office of Natural Resources and Science (NRS) Urban Ecology Research Learning Alliance (UERLA) is seeking a graduate student or an upper-level undergraduate student with academic training in engineering, science education, outdoor/environmental education, resource management, or similar with experience creating online media and familiarity using editing software. Additionally, the intern should have access to a computer.

The STEM Resources for Peirce Mill Intern will refine and edit virtual educational program material to be ADA compliant meeting NPS accessibility standards. Educational materials are designed to bring information about Peirce Mill’s machinery to 4th to 8th-grade students. They will include short videos of the mill’s machinery in action and downloadable directions for hands-on activities.

Professional development experience for the intern will include working directly with the Executive Director of the Friends of Peirce Mill (FOPM) and networking with NPS park and regional staff. The intern will develop collaboration skills with multiple stakeholder audiences. A professional presentation to park and conservancy staff will be a required developmental opportunity.

We anticipate that the internship will begin September 5, 2023 and end May 30, 2024. Start and end dates are negotiable.

### About UERLA:
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.

### About ROCR:
Rock Creek Park (ROCR) is a 1,754-acre national park located in the heart of Washington, DC. Comprised of multiple units, ROCR oversees the Peirce Mill Complex, which includes a gristmill, carriage barn, and springhouse. Built in 1829, the gristmill is one of the last standing reminders of Washington’s agricultural history. The mill is also an example of the revolutionary system invented by Oliver Evans in the late 18th century. Evans automated the milling process with connected machines that clean, dry, and sift grain. Peirce Mill is a four-story wooden machine that turns grain into flour and is a resource for STEM education.

### About FOPM:
For over 25 years, the Friends of Peirce Mill have worked with the National Park Service in Rock Creek Park to preserve, restore, and interpret the last working gristmill in Washington, DC. Thanks to this partnership, milling operations resumed at Peirce Mill in 2011. Today, FOPM and NPS are working together to rehabilitate the historic Oliver Evans System and the upper floors of Peirce Mill.

### How to Apply:
If interested, electronically provide a current resume with references and links to online media/portfolio, transcripts, and letter of interest 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 ‘STEM Resources for Peirce Mill.’

The deadline for applying is **August 20, 2023 at 5 pm ET** or until the position is filled. Interviews will be conducted on a rolling basis and the position will close when a selection is made.
WHY RESTORE THE EVANS SYSTEM?
- First Continuous Production System
- 3rd Patent Ever Issued (USA)
- STEM-focused school field trips
- Inspiring the next generation of engineers

PROJECTS
01 Main Vertical Shaft
02 Elevators
03 3rd Floor Shaft, Belt & Gear System
04 Hopper Boy
05 Barrel Hoist
06 2nd Floor Shaft, Belt and Gear System
07 Bolter
08 1st Flood Shaft, Belt and Gear System
09 Screw Conveyors
10 Chutes
11 Reel Cleaner
12 Smutter
13 Screw Conveyor (Display)
14 Fine Flour Bin & Chute (Reproduction)
15 Millers Desk (Reproduction)
16 Buckwheat & Wheat Paths (Reproduction)
17 Scale (Reproduction)
18 Electric Model of Mill (Display)