



Title: STEAM Educator

Hours: Full-time; occasional weekends and evenings required

Compensation: Salaried; commensurate with experience

Reports to: Workshop on the Water Education Manager

Description: The STEAM Educator is vital to Independence Seaport Museum's education team. This person is responsible for the development and instruction of STEAM based education programs to the public using hands-on interactive learning. The majority of this programming will take place in Independence Seaport Museum's new Makerspace. The Makerspace is an opportunity for interpreting the maritime history, traditions, and industrialization of the Delaware River Watershed in a fun, creative, and technological way. With a balance of creative and critical thinking, the STEAM Educator will provide the energy and enthusiasm to spearhead the launch of these programs.

Qualifications:

- Bachelor's degree in teaching, science, or related field; teaching certification a plus
- At least 3 years of experience teaching in an informal or formal education setting; experience working with teens a plus
- Well versed in physics, engineering, and mathematics
- Strong technical skills, including basic understanding of 3D printing and design technology
- Woodworking and engineering experience a plus
- Strong interpersonal communication
- Enjoys working with the public
- Flexibility and ability to take initiative
- Patience and strong attention to detail
- Ability to work occasional weekends, evenings, and overnights

Duties:

- With Education staff, develop curriculum and pilot hands-on STEAM-based programming to be used in the Museum's new Makerspace, which incorporates design technology such as 3D printing, CNC routing, and laser cutting. Said curriculum should aim to connect these modern technologies to the existing collection of the museum, specifically ISM's Cruiser Olympia and Submarine Becuna.
- Develop the curriculum and pilot informal hands-on learning experiences for Museum visitors of all ages.
- Implement underwater robotics programming from September to May as part of the Museum's EAGLE after-school STEM program for high school girls.
- Chaperone EAGLE field trips.
- Occasionally lead educational programs and tours for visiting groups.
- Occasionally provide off-site programming at partner events.
- Occasionally assist Education, Curatorial, Workshop on the Water, and Dock departments with programming content other programs as needed.
- Maintain calm, positive, and organized atmosphere using classroom management skills.
- Perform other duties as assigned

To apply:

Send a brief cover letter and your resume in an e-mail to Megan Boon Siegl, Workshop on the Water Education Manager at msiegl@phillyseaport.org. **Please include STEAM Educator in the subject line.** No phone calls.

Independence Seaport Museum deepens the appreciation, understanding and experience of the Philadelphia region's waterways through history, science, art and community. For more information, please visit phillyseaport.org.

Location: Independence Seaport Museum, 211 S. Columbus Blvd., Philadelphia, PA 19106. The Museum is easily accessible by public transportation and nearby parking.

Independence Seaport Museum is an equal opportunity employer committed to diversity in its visitors, board, and staff. The Museum does not discriminate on the basis of race, color, sex, sexual orientation, gender identity, religion, creed, national or ethnic origin, age, disability, veteran status or any other legally protected class status. People demonstrating a commitment to diversity and multiculturalism are encouraged to apply.