



Delaware River Watershed Fellowship Opportunities Summer 2017

Experience the Delaware River Watershed like never before: become a Delaware River Watershed Fellow at one of 23 regional environmental centers this summer.

What is a Delaware River Watershed Fellowship?

- A Delaware River Watershed Fellowship is a paid 12-week internship from June through August.
- Fellows work 35-40 hours a week at one of 23 environmental centers located in Pennsylvania, New Jersey or Delaware.
- Watershed Fellowships are aimed at engaging young people in our communities to become ambassadors for the Delaware River.

What will a Fellow do?

- Fellows will serve at one of 23 Environmental Centers throughout the Delaware River Watershed, assisting in environmental programming, recreation activities on the trail and waterways, habitat enhancement projects and community outreach and engagement. Each Center is unique - check out the list of position summaries below!
- Participate in a 3 day watershed training 'bootcamp' at the Pocono Environmental Education Center.
- Complete a Capstone Project and present their work at the Summer Summit at John Heinz National Wildlife Refuge in Philadelphia.



Who can be a Watershed Fellow?

- The Centers are looking to hire young adults from their own surrounding communities. Watershed Fellows must be 18 - 24 years old by the June 5th program start date.
- A good Fellow will be someone interested in learning and teaching others about taking care of the streams, creeks and rivers that run through our Delaware River Watershed communities. A background in environmental science is **NOT** required.

The Delaware River Watershed Fellowship is a collaborative effort of 23 environmental centers throughout the Delaware River Watershed. Through the support of the William Penn Foundation, this network of environmental centers aims to increase engagement and action toward the protection and restoration of the Delaware River Watershed, while increasing the capacity of each of the 23 Centers, enhancing center collaboration and expanding and diversifying career opportunities for young adults throughout the watershed.

Find a Fellowship!

Below is a list of Fellowship opportunities in Pennsylvania, New Jersey and Delaware. Interested applicants should email a cover letter, résumé and two references directly to the contact person provided. Application deadline: March 24, 2017.

Pennsylvania



BARTRAM'S GARDEN

Bartram's Garden

Philadelphia, PA

The DRW Fellow at Bartram's Garden will support our efforts to connect the Southwest Philadelphia community to the Garden, the newly opened Bartram's Mile river trail, and the Schuylkill River itself. The fellow will support the Bartram's Garden paddling program, assisting with free public paddles on Saturdays and field trip paddles for summer camps during the week. The fellow will also assist with the creation and implementation of the "Southwest Youth Rangers" pilot program, a program to provide summer jobs for local youth as docents and stewards for their community green spaces. Contact: Justin DiBerardinis, Director of Community and Government Relations, jdiberardinis@bartramsgarden.org



Bristol Marsh (Heritage Conservancy)

Bristol, PA

With over 350 species inventoried, Bristol Marsh provides unique outdoor classroom and recreational opportunities in a highly urbanized area. The Watershed Fellow will work with Heritage Conservancy to monitor water quality at Bristol Marsh and inventory recreational use of the preserve through observations and surveys. The fellow will work with Heritage Conservancy staff to engage the community and local businesses to develop partnerships surrounding stewardship at the Marsh and conduct educational outreach on the importance of watershed health. Additional work will involve assisting on a storm drain project and further development of summer programs at the Marsh. Contact: Shannon L. Fredebaugh, Senior Community Engagement Associate sfredebaugh@heritageconservancy.org



Berks Nature (BN)

Reading, PA

Berks Nature is currently constructing a new nature center, The Nature Place, with occupancy in early August 2017. The Berks

Nature Fellow will serve the community by providing outreach and programming to underserved populations in the City of Reading and work to build partnerships among those organizations who serve these populations. In addition, specific outreach and community education around the creation of an extension of the Angelica Creek Trail will be among their activities. Fellows will monitor and document trail activity, gathering data on how the trail is being used through surveys and through daily observation and share that information in public meetings advocating for the extension of a new trail segment. Spanish speaking a plus. Contact: Kim Murphy, President kim.murphy@berksnature.org



Cobbs Creek Community Environmental Education Center

Philadelphia, PA

The Fellow will receive training to serve as a Trail Manager and become the lead person for our network of paved and unpaved

trails throughout the Park. This will include leading walks for visitors, participating in “Second Saturday” programs, and showing trails to the participants in the After-School Program. The Trail Manager will also assign tasks for volunteers like our Docents and the Boy Scouts as well as community members. This will include installation of markers and periodic trail maintenance and clean-ups. The Fellow will also help design and administer surveys for trail users, and be the contact person for registered volunteers gathered during River Days events. Contact: George Ambrose, gamb370294@aol.com



Audubon Pennsylvania
Philadelphia, PA

The Watershed Fellow will serve Philadelphians in priority watersheds and neighborhoods by working to protect birds and other wildlife, and their habitats. The Fellow will work with Audubon staff to host volunteer work parties at restoration sites, and will provide hands-on activities at events and festivals around the city. The Fellow will also work with youth through nature-based summer camp programs, and will develop innovative ways to connect new audiences to Audubon’s programs. This position will be an important

part of the Audubon team to connect people to nature, and encourage them to care for our precious green spaces. Contact: Rhyan Grech, Program Manager of Community Stewardship rgrech@audubon.org

FAIRMOUNT WATER WORKS **Fairmount Water Works (FWW)**
DISCOVER • CONNECT • ACT *Philadelphia, PA*

The Watershed Education Fellow will support all environmental education summer programs at the FWW, the public education outreach center for the Philadelphia Water Department. Summer programs include those at our site for pre-K through middle school age and visitors of all ages, and field experiences with students in area waterways. The Fairmount Water Works is seeking a candidate interested in developing an understanding of or has familiarity with interactive teaching methods, environmental science and Philadelphia history, strong communication and organization skills and the ability to multi-task. Our site is in a beautiful setting along the Schuylkill River in the heart of Philadelphia’s Fairmount Park. Our watershed education team is a fun and energetic group. Contact: Ellen Schultz, Associate Director of Education Ellen.Schultz@phila.gov



 **Independence Seaport Museum**

Independence Seaport Museum
Philadelphia, PA

Independence Seaport Museum deepens the appreciation, understanding and experience of the Philadelphia region’s waterways through history, science, art and community. Surrounded by Floating Wetlands on our dock, the Watershed Fellow will engage the community while functioning as a Dock Hand. Dock Hands are responsible for ensuring that proper safety protocol and visitor assistance is provided during waterfront programming, including public small boat rentals, special events, and summer camp. Come enjoy the water with us! Contact: Michael J Flynn Vice President of Interpretation and Visitor Experience, mflynn@phillyseaport.org

 **John Heinz National Wildlife Refuge at Tinicum**
Philadelphia, PA

This Watershed Fellow will lead guided hikes along the lower Darby Creek at the refuge as well as work with other staff to deliver visitor services programming around water issues, tidal marsh ecology and more. They will engage refuge visitors to give direction and collect

information to better understand our visiting public. The participant will also work with our urban team to recruit participants from our target communities to participate in programming on and off-site. Contact: Lamar Gore, Refuge Manager, lamar_gore@fws.gov



John James Audubon Center
Audubon, PA

The Watershed Fellow will serve the JJAC watershed community by engaging the Norristown Area School District summer program in environmental education, Stoney Creek cleanups and native plant lessons. Fellows will work with JJAC staff to guide canoe programs along the Perkiomen Creek. Fellows will monitor and document creek health, gathering data on macroinvertebrates, water quality tests, and habitat assessment. The Fellow will help keep the creek and trails clean and provide resources such as trail maps and event flyers to park, canoe and trail users. Contact: Carrie Barron, Assistant Director, cbarron@audubon.org

**LEHIGH GAP
NATURE CENTER**



**Lehigh Gap
Nature Center**
Slatington, PA

The Watershed Fellow will serve the LGNC community by engaging trail users with our watershed education message, helping lead center programs and working with our Color of Nature leaders with our off-site programs in Allentown. Fellow will participate in refuge

conservation programs such as succession monitoring and habitat gardening, refuge maintenance such as trail maintenance, and caring for our arboretum. In addition, the fellow will be trained and work with a network of fellows and will complete a capstone project for LGNC and the network with the guidance of your LGNC mentor and perhaps in consultation with other fellows. Contact: Dan Kunkle, Executive Director, danlgnc@ptd.net



**Pocono Environmental
Education Center**
Dingmans Ferry, PA

The Watershed Fellow will work with PEEC staff to educate and to engage the local community, and visitors to PEEC and Delaware Water Gap National Recreation Area, about issues concerning water quality and the importance of the upriver Delaware River watershed. The Fellow will lead trail hikes on PEEC's 14 miles of trails, conduct environmental and recreational programs and collect and analyze visitor survey data. The Fellow will also undertake a

capstone project, such as creating a "landowner best practices" marketing campaign and materials and conduct outreach in the local private communities to encourage landowner stewardship practices. To better engage visitors the Fellow will work weekends and choose two mid-week days off. Needs to be comfortable hiking and be able to lift and carry 40lbs. Contact: Derek Scott, Public Program Manager, dscott@peec.org



**Schuylkill River
Heritage Area
(Schuylkill River
Greenway
Association)**
Pottstown, PA

The Schuylkill River Heritage Area is seeking a full-time, seasonal environmental education fellow who will work from June through August to help establish and carry out water quality monitoring and Schuylkill River Water Trail engagement programs. Duties will include: Working with Community College faculty to develop a water quality monitoring program for students; creating a survey that can be posted at water trail landings to gauge attitudes and numbers of people paddling the river; visiting water trail landings on periodic weekends to conduct surveys; working with National Park Service rangers to organize an evening program with a focus on conservation and the local national parks; supporting other regional events that connect to the SRHA mission, including tabling and handing out literature. Contact: Laura Catalano, Communications Director lcatalano@schuylkillriver.org



Schuylkill Center for Environmental Education
Philadelphia, PA

The Watershed Fellow will assist in the Center’s environmental education and land stewardship programs. The Fellow will engage Center visitors and summer camp participants in activities and lessons that teach about the Delaware River Watershed and the nearby

Schuylkill River, and help with land stewardship projects that restore the forests and fields of our 340-acre campus in Philadelphia. In addition, the Fellow will be integral in gathering data on the Center’s connection to the Schuylkill River Trail, documenting usage, polling trail users, and helping us form a stronger connection between our Center and trail users. Contact: Elisabeth Zafiris, Acting Director of Education

Elisabeth@schuylkillcenter.org



Tookany/Tacony-Frankford Watershed Partnership, Inc.

Tookany/Tacony-Frankford Watershed Partnership (TTF)
Philadelphia, PA

The Watershed Fellow will serve the TTF watershed community by engaging Tacony Creek Park trail users in environmental education,

park cleanups and guided nature walks. Fellows will work with TTF staff to host environmental programs along the 3.2 mile Tacony Creek trail. Fellows will monitor and document trail activity, gathering data on how the trail is being used through surveys and through daily observation. The Fellow will help keep the trail clean and inviting and provide resources such as trail maps and event flyers to park and trail users. Contact: Robin Irizarry, Philadelphia Watershed Coordinator, robin@ttfwatershed.org



New Jersey -----



Camden Children's Garden (Camden City Garden Club)
Camden, NJ

This Watershed Fellow will serve visitors and lead programs at the

Camden Children’s Garden and in Camden, NJ in Watershed Education. They will engage visitors in activities and lessons. They will seek unique ways to improve awareness of our educational opportunities that increase participation in program offerings. They will be responsible for collecting data and participating in program, content and impact evaluations. They will select a capstone activity which includes development, marketing and evaluation of the project. Their scheduled days will reflect the days when they can make the largest impact on the visitor experience, (Wednesday through Sunday).

They should also feel comfortable communicating with a wide age group from young children through adults. Interested applicants should contact Valerie Frick, vfrick@camdenchildrensgarden.org

Camden County Environmental Center
Cherry Hill and Blackwood, Gloucester Township, NJ

The Watershed Fellow will serve Camden County residents through projects and programming at the Camden County Environmental Center along the Cooper River Circuit Trail in Cherry Hill and at the Camden County Environmental Park located a

short distance from the Blackwood Rail Trail. Both locations are located along major tributaries of the Delaware Watershed and fellows will engage trail and river users in environmental education, park cleanups and other outdoor and environmental experiences. Fellows will have the opportunity to choose from a variety of focus projects to support ongoing Sustainable Camden County Initiatives, including outreach to flood-prone county communities, programming along both trails for the Camden County Bike Share Program, and watershed education for community groups and families through walks and hands-on workshops. Contact: Maggie McCann, Camden County Environmental Educator, maggie.mccann@camdencounty.com



Center for Aquatic Sciences (CAS)
Camden, NJ

The Watershed Fellow will serve visitors to the Camden Waterfront and surrounding neighborhood communities through watershed and environmental education outdoor activities and city summer camps. The CAS staff and Fellow will collaborate to design programs for the public and Camden City youth. The breadth of work will

involve interacting with trail users through roving naturalist activities, providing information on upcoming events, collecting evaluation data on best practices for engaging the public, and participating in lessons and field trips for Camden City youth during summer camp. Contact: Angela Wenger, Executive VP & Chief Operating Officer, awenger@aquaticsciences.org



New Jersey Conservation Foundation (NJCF) & New Jersey Natural Lands Trust (NJNLT)
Camden, NJ

This is an exciting opportunity for a dynamic individual to spend ten weeks this summer as a Watershed Fellow who will examine barriers to utilization of natural resources and participation in environmental education programs by underrepresented communities throughout Camden County and the Cooper River watershed. Fellow will be paired with another Watershed Fellow and work with NJCF and NJNLT staff to: develop and conduct community surveys at various sites through Camden County, conduct walkability surveys to/from various Camden County parks and trails, evaluate and propose open space amenities or interpretive programs, and develop and implement interpretive programs related to historical and cultural resources, invasive species,

bald eagles, and tree identification. Fellow will also propose and undertake a Capstone Project. Contact: Olivia Glenn, NJCF: olivia@njconservation.org



The Watershed Center

Pennington, NJ

The Fellow will assist the Watershed Center's Science & Stewardship staff in launching a set of comprehensive water quality monitoring studies in the Central Delaware Watershed and communicate the purpose and initial findings of the studies. The Fellow will help our scientists conduct site assessments; monitor natural and anthropogenic events; deploy and utilize monitoring equipment in the field; analyze, summarize and report results. The Fellow will also participate in the Watershed Center's volunteer and K-12 educational outreach efforts about pollution and watershed health. Additionally, the Fellow will create an exhibit/poster about the project for display in the Watershed Center and/or use at community events and informal interactions with users of area trails. Contact: Steven Tuorto, PhD, Director of Science & Stewardship stuorto@thewatershed.org



Tulpehaking Nature Center at the Abbott Marshlands

Trenton, NJ

The Fellow will gain a firm foundation in what it takes to develop and run an environmental education program, from planning the message and activity to marketing it through community contacts and social media. Regular activities will include building relationships with community groups, and leading hands-on programs about archaeology, fishing, wildlife and other topics appropriate to the Abbott Marshlands. While the focus for the position will be on environmental education, the Fellow will also participate in animal care, trail maintenance, and conservation

projects such as monitoring water quality and aquatic insect populations in the marsh. A full introduction to the plants, wildlife, archaeology and Native American history of the Abbott Marshlands will be provided. Contact: Kelly Rypkema, Manager, krypke@mercercounty.org



Delaware



DuPont Environmental Education Center (Delaware Nature Society)

Wilmington, DE

The Watershed Fellow greets and interprets the natural and cultural history to the public including visitors on the 2 mile Wilmington Riverfront and at DNS' DuPont Environmental Education Center and Russell W. Peterson Urban Wildlife Refuge. The Fellow works with staff to engage audiences of all ages and backgrounds and leads them in daily environmental programs and nature walks. Fellow will document through conversation and surveys the communities' knowledge of and

experience with the local waterways and water issues. Reliable transportation needed. Contact: John Harrod, john@delnature.org



The Nature Conservancy (Delaware)

Wilmington, DE

The Watershed Fellow/GLOBE Intern will work on the Stream Stewards Project, which is a Citizen Science partnership between The Nature Conservancy (TNC) in Delaware and First State National Historical Park (FRST). This position will support the Stream Stewards program by developing outreach strategies in the Wilmington community to make connections between watersheds and urban residents. The fellow will also assist in the supervision of educational watershed activities in FRST with groups of High School interns. The fellow will develop and present a capstone project to share at a Watershed Fellowship summit at the end of the summer. Contact: Kim Hachadoorian, Stream Stewards Project Manager kim.hachadoorian@tnc.org