

2018 High School Water Quality Internship



Nine Mile Run Watershed Association will be offering a stream ecology and water quality internship for the summer of 2018. If you are interested in the sciences or outdoors, this is a great experiential learning opportunity! Teens will work in collaboration with environmental educators from the association and partners to monitor the health of the Nine Mile Run Stream in lower Frick Park. There will be 8 spaces available for this program. Teenagers at the High School level are encouraged to apply; students must be a Sophomore, Junior, or Senior during the 2018-19 school year.

How can I apply?

- Submit the required application online (<http://ninemilerun.org/our-work/monitoring/internships/>)
- DUE BY: May 7th, 2018
- For questions, please contact Lindsey-Rose Flowers at Nine Mile Run Watershed Association at 412-371-8779 x123 or via email lindsey.rose@ninemilerun.org

What are the potential benefits to participating? Interns will:

- Gain relevant, hands-on experience in the science career sector.
- Receive training and skill development with freshwater stream monitoring methods, equipment, and data management plus learn how to identify local flora and fauna.
- Learn and work primarily outdoors with environmental professionals in the fields of biology, ecology, and environmental science.
- Receive recognition in relevant publications about the Nine Mile Run stream.
- Upon successful completion of the summer internship, students will earn a certificate of achievement and may be invited to continue assisting with monitoring work during the school year.

What types of work will the interns be doing? Interns will:

- Conduct routine biological and/or chemical sampling at various locations outdoors & in the stream, specifically sampling and identifying macroinvertebrates, and properly recording the results.
- Interns will also participate in activities which may include water quality measurements, habitat assessments, wildlife surveys, and/or stewardship activities that benefit the stream.

What are the expectations from the interns?

- Must be a high school student (Grade 10, 11, or 12 during 2018-19 school year) or recent graduate from Allegheny County.
- Must attend the scheduled ½ day training workshop on Wednesday June 6th, 10am - 1 pm.
- Must commit a minimum of 15 hours between June 10 and August 31 (includes the orientation training)
- Must provide own transportation to and from meeting locations
- Must be comfortable working outdoors. Interns are expected to wear outdoor work clothes, including waterproof boots. If you do not have waterproof boots, the Association may be able to provide.
- Should be able to work successfully with other students as a team.
- Interact appropriately with peers, speakers, and other professionals that may visit the group.

Schedule:

- A minimum commitment of 15 hours, including training workshop and 3 other time blocks
- ½ day training workshop: Wednesday, June 6th, 10am – 1pm REQUIRED
- 3 time blocks on Wednesday mornings (9am-1pm) in the summer, one day per month June - August
 - June 20 or 27; July 18 or 25; August 1 or 15