



2017 High School Water Quality Internship

Nine Mile Run Watershed Association will be offering a stream water quality monitoring internship for the summer of 2017. 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 6 spaces available for this program. Teenagers at the High School level (ages 14-17) are encouraged to apply for the internship.

How can I apply?

- Submit the required application online (<http://ninemilerun.org/our-work/monitoring/internships/>)
- DUE BY: April 1st, 2017
- For questions, please contact Maranda Nemeth at Nine Mile Run Watershed Association at 412-371-8779 x123 or via email maranda@ninemilerun.org

What are the potential benefits to participating?

- Interns will gain relevant, “hands-on” experience in the science career sector.
- Interns will receive training and skill development with freshwater stream monitoring methods, equipment, and data management plus learn how to identify local flora and fauna.
- Interns will learn and work primarily outdoors with environmental professionals in the fields of biology, ecology, and environmental science.
- Recognition in the relevant publications on the Nine Mile Run stream.
- Upon successful completion of the summer internship will earn a certificate of achievement and invitation to continue 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 macroinvertebrate sampling, identifying, and recording results.
- As time permits, interns may also participate in water quality measurements, habitat assessments, wildlife surveys, and/or stewardship activities that benefit the stream such as: stream clean-ups, roadside clean-ups, invasive plant removal, native plant and tree planting, native seed collection, etc.

What is the expectation from the interns?

- Required to be a high school student
- Attend the scheduled ½ day training workshop
- Commit a minimum of 15 hours between June through August (includes the orientation training)
- Must provide own transportation to and from meeting locations
- Must be comfortable to work outdoors. Interns are expected wear outdoor work clothes, including waterproof boots. If you do not have waterproof boots, the association may be able to provide.
- 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, earned between training workshop and at least 2 time blocks
- ½ day training workshop: Wednesday, June 14th, 8am – 1pm
- Choice of a minimum of 2 time blocks on Wednesday mornings (8am-1pm) in the summer:
 - June 21 & 28 July 12, 19 & 26 August 2, 9, & 16