

FOR IMMEDIATE RELEASE:
Audrey McGowin, PhD
Department of Chemistry
Wright State University
(937) 775-2855
audrey.mcgowin@wright.edu



WSU STUDENT PRESENTATION ON WATER QUALITY IN GLEN HELEN
Environmental Chemistry Students to Present Fall 2017 Results

Fairborn, OH: (November 20, 2017) - On Wednesday, December 13th, The fall class of Environmental Chemistry students will present results of their water quality monitoring in and around Glen Helen Nature Preserve in Yellow Spring, OH. Students measured nutrients, pH, *E. coli* and other parameters in Yellow Springs and Birch Creeks and in the Little Miami River into which they flow. Students also captured samples of storm water runoff immediately following the November 5-6 historic deluge.

The presentation is at 3:30 pm in the Vernet Auditorium of the Glen Helen Building at 405 Corry Street, Yellow Springs, OH.

“We have collected seven years of water quality data that shows how land use affects water quality in the area” said Audrey McGowin, Associate Professor of Chemistry at Wright State University and director of the course. “Students sampled a dozen different sites on three separate occasions. When the data are added to the results from previous students’ work, there are over two dozen data points at each site that shows trends in the quality of water flowing through the nature preserve.”

Students also sampled sediments at selected sites to measure lead contamination from leaded gasoline used in the mid-1900s and from lead chromate that was found in old road paint.

The presentation is free and open to the public.

About Wright State University Department of Chemistry: Wright State’s Department of Chemistry, within the College of Science and Mathematics, is large enough to offer you a state-of-the-art experience but small enough to provide an environment where you can realize your individual potential. We offer B.A. and B.S (and ACS Certified) degree options in Chemistry and a Master of Science and 4+1 Bachelor/Master Degree program. More information can be found at <https://science-math.wright.edu/chemistry> . Previous water quality results can be found at the following website: https://works.bepress.com/audrey_mcgowin/