



Environmental Science and Engineering Scholarships Awarded in 2016

Eighteen environmental science and engineering students received scholarships to study at Ohio colleges and universities this year, through Ohio EPA's Environmental Education Fund.

"Together with Ohio colleges and universities we are investing in today's environmental scholars to foster stewardship well into the future," said Ohio EPA Director Craig W. Butler.

Students in four-year programs who will receive a \$2,500 scholarship for the 2016-2017 academic year include:

- Elizabeth Crowther, Bowling Green State University (Environmental Science & Chemistry), Grove City;
- Kevin Fisher, Ohio State University (Environmental Science), Macedonia;
- Max Frankenberry, Ohio State University (Evolution and Ecology), Newark;
- Emily Gillespie, Miami University (Environmental Earth Science and Geology), Granville;
- Elsa Goodsen, Notre Dame College (Biology), Coeur d'Alene, ID;
- Tyisha Hodges, Bowling Green State University (Environmental Science), St. Clair Shores, MI;
- Alyssa Jones, Ohio State University (Environmental Science), South Park, PA;
- Cortney Kourie, Ashland University (Biology), Dover;
- Paul Matak, Ohio Wesleyan University (Geology), Salem;
- Kelly Messer, Ohio State University (Environmental Engineering), Chesterland;
- Alec Moore, Ohio State University (Evolution and Ecology), Massillon;
- Troy Neptune, Otterbein University (Zoo and Conservation Science/Herpetology), New Concord;
- Bridget O'Banion, Ohio State University (Environmental Science), Xenia;
- Michelle Platz, University of Cincinnati (Environmental Engineering), Cincinnati;
- Anne Roberto, Cleveland State University (Environmental Science), Mayfield Heights;
- Michaela Rogers, Ohio State University (Chemistry), Powell; and
- Amanda Seidler, Youngstown State University (Environmental Studies), Girard.

Cole Benning (Geo-Environmental Science), Springfield, received a \$1,250 scholarship toward his two-year program at Hocking College.

This year's student recipients have completed research or environmental work experience with projects focusing on treatment processes to reduce the amount of water in manure fertilizer, and decrease the amount of phosphorus and nitrogen that escape from manure treated soil; magnesium concentrations in drinking water; construction site storm water runoff; fugitive dust emissions from quarry and mining operations; effects of overwinter conditions on survival and growth rate of invasive Asian Carp; validating civil engineering models for green infrastructure for storm water management; surface water – ground water interaction in Four Mile Creek; volunteer water quality monitoring; coral adaptation to changing temperatures and acidification; stable isotope ratios of bees based on variations due to plant photosynthesis pathways, temperature and water stress; and bat sonar detection surveys.

A total of \$43,750 was awarded this year. Since the scholarship program began in 2000, \$787,450 has been awarded statewide to 321 students at 49 Ohio colleges and universities. Funding comes from civil penalties collected by Ohio EPA for violations of air and water pollution control laws. The scholarship program is administered by the Ohio Academy of Science.

The next application deadline for scholarships is April 15, 2017. Additional information about the scholarship is available by calling Ohio EPA's Office of Environmental Education at (614) 644-2873 or visiting www.epa.ohio.gov/oeo. To learn more about the Ohio Academy of Science, call (614) 488-2228 or visit www.OHIOSCI.org.