

## Competed internationally

July 5, 2017

### Spartan Engineers place fourth at the 2017 Environmental Challenge International

A team from Michigan State University's Department of Civil and Environmental Engineering (CEE) placed fourth during the Environmental Challenge International (ECI) competition at the 110th annual Air & Waste Management Association (A&WMA) Conference and Exhibition in Pittsburgh June 5-8.



The contest gives student teams experience with proposing effective solutions to a simulated environmental problem, which is based on real-world conditions. Teams presented solutions to a panel of environmental professionals at A&WMA's 2017 conference and were judged on insights on scientific and technical aspects, resolution of political and community issues, and regulatory approaches.

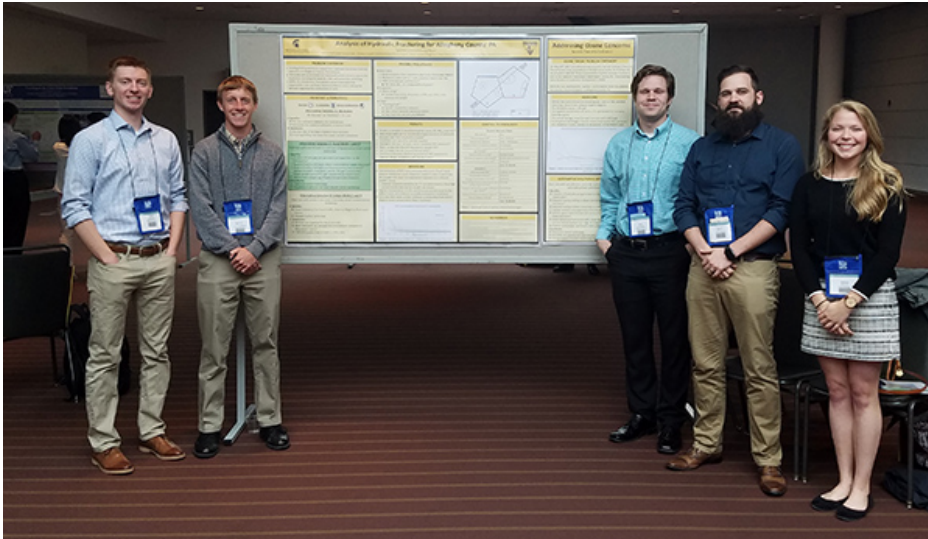
The team of Marc Rasmussen, Ryan Daniels, Kelsea Pohl, David Jackson, and Andrew Sjogren placed fourth for their analysis of hydraulic fracturing in Pennsylvania's Allegheny County. Their presentation offered alternatives to fracking and discussed possible pollutants and ozone concerns, as well as reviewing options related to permits, modeling, and technology challenges.

The team members are students of CEE Professor Susan Masten.

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