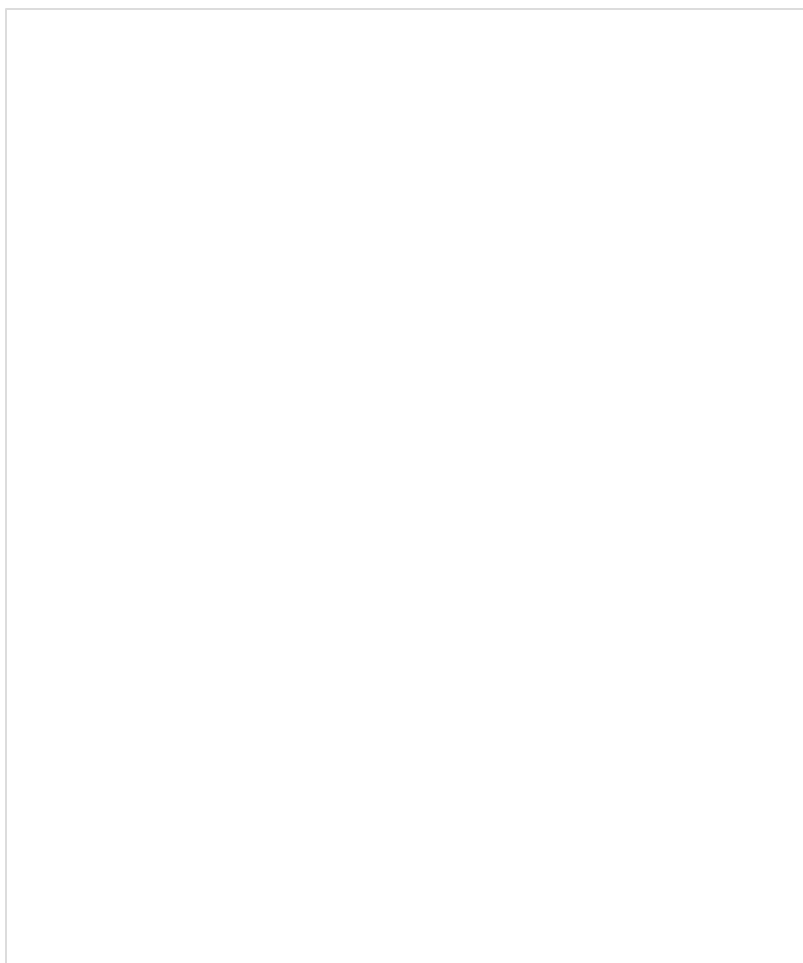


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Update from the Southern Appalachian Science and Engineering F

Last Spring, Thomas Colburn of Oak Ridge High School won the AIChE senior award for his project, Enhanced Decomposition of Household Plastics Through Photocatalysis. Thomas melted four types of plastic resin and incorporated three different photocatalysts into the resin samples. He then exposed the samples to UV light in fresh water, salt water, and air and measured the weight loss of the samples. Tom was recently named one of 300 semifinalists for the Intel Science Talent Search, and was awarded a \$1000 scholarship for himself and \$1000 for Oak Ridge High School. The 40 finalists, who will compete for the top three awards of \$150,000 each, will be announced on January 20, 2016.

(Article courtesy of Pau Taylor)



Thomas Colburn

Thomas Colburn's award-winning poster on Enhanced Decomposition of Household Plastics through Photocatalysis



Opportunities to Volunteer

Throughout the year volunteers are needed to fulfill a variety of needs in our community. Volunteering is one way to represent AIChE values in the local community. Please consider assisting the following three volunteer opportunities.

Tennessee Science Bowl - Feb. 26-27

Volunteers are needed to work during the DOE sponsored Tennessee Science Bowl at the Blount County Pellissippi State campus. Fifty-six teams from across Tennessee are expected to participate. More than 200

Date	Time	Topic	Speaker	Location
Jan 21	5:30 PM	Critical Materials Institute	Bruce Moyer, ORNL	Rothchild's, Knoxville TN
Feb	5:30 PM	Jo/TT1 T /TT1 1 Tf 0.002 Tc 9 -0 0 9 148.44 653.4		

