

innovations in Fuel Cycle Research

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2015 Innovations in Fuel Cycle Research Award Winners Announced

CANYON, TX – Two students at the University of Michigan have won awards in the 2015 Innovations in Fuel Cycle Research Awards sponsored by the U.S. Department of Energy, Office of Fuel Cycle Technologies.

Stephen Raiman, a Ph.D. student in Nuclear Engineering, has been awarded a First Place prize in the Open Competition in the category of Advanced Fuels. His award-winning research paper, “A Facility for Studying Irradiation Accelerated Corrosion in High Temperature Water,” was published in the Journal of Nuclear Materials in August 2014.

Matthew Marcath, also a Ph.D. student in Nuclear Engineering, has been awarded a Second Place prize in the Open Competition in the category of Material Protection, Control, and Accountancy. His award-winning research paper, “An Implicit Correlation Method for Cross-Correlation Sampling, with MCNPX-PoliMi Validation,” was published in Nuclear Science and Engineering in June 2015.

In order to be successful and retain its leadership role in nuclear technologies, the United States must foster creativity and breakthrough achievements to develop tomorrow’s nuclear technologies. The Department of Energy has long recognized that university students are an important source of breakthrough solutions and a key component in meeting its long-term goals. The Innovations in Fuel Cycle Research Awards program was developed for this purpose.

The Innovations in Fuel Cycle Research Awards program is designed to: 1) award graduate and undergraduate students for innovative fuel-cycle-relevant research publications, 2) demonstrate the Department of Energy’s commitment to higher education in fuel-cycle-relevant disciplines, and 3) support communications among students and DOE representatives.

The program awarded 18 prizes in 2015 for student publications relevant to the nuclear fuel cycle. In addition to cash awards, award-winning students will have a variety of other opportunities.

For more information on the Innovations in Fuel Cycle Research Awards program, visit <http://www.fuelcycleinnovations.org>.