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NRC Systems Engineer Receives Prestigious Flemming Award



Tina Ghosh, a senior reactor systems engineer at the Nuclear Regulatory Commission, has been honored with an Arthur S. Flemming Award in Applied Science and Engineering from the George Washington University's Trachtenberg School of Public Policy and Public Administration.

Ghosh was nominated for her long-standing work at the NRC, including her recent research analyzing how the NRC reviews consequences from severe reactor accidents. A staff member in the agency's Office of Nuclear Regulatory Research, Ghosh also leads research on economic consequences in regulatory analyses. She has published numerous papers on a variety of nuclear-related topics, including two co-authored with former

NRC Commissioner George Apostolakis.

“Senior NRC leaders and international partners look to Dr. Ghosh as an authority for analyzing both severe reactor accidents and possible means of reducing those accidents’ consequences,” said Michael Weber, director of NRC’s research office. “Her identification of critical uncertainties in severe accident analysis, along with related mitigation strategies, helps ensure U.S. nuclear plants continue to operate safely. This is a well-deserved award.”

Ghosh holds a bachelor’s degree in Civil Engineering and Operations Research from Princeton University, and a master’s degree in Technology and Policy and a Ph.D in Nuclear Engineering from the Massachusetts Institute of Technology. She has been at the NRC since 2004.

Ghosh will receive the award in a ceremony on May 24. The Arthur S. Flemming Awards recognize outstanding men and women in the federal government in five different categories.