

Anna Erickson

Associate Professor, Mechanical Engineering at Georgia Tech College of Engineering
Atlanta, GA, US

Dr. Erickson's research focuses on advanced nuclear reactor design and nuclear security and nonproliferation.

Biography

Anna Erickson is a leader of Advanced Laboratory for Nuclear Nonproliferation and Safety and an Assistant Professor of Nuclear & Radiological Engineering in the Woodruff School of Mechanical Engineering at Georgia Tech. She received her MS and PhD from Massachusetts Institute of Technology, where she was a NNSA's Stewardship Science Graduate Fellow. Prior to her position at Georgia Tech, she was a postdoctoral researcher at the Advanced Detectors Group at Lawrence Livermore National Laboratory. Dr. Erickson's research focuses on advanced nuclear reactor design and nuclear security and nonproliferation, connected by the current need for proliferation-resistant nuclear power. Her group is involved in large-array imaging applications for homeland security, antineutrino detection and nuclearized robotics for safety and security applications.

Areas of Expertise

Non-Proliferation, Radiation Detection, Nuclear Security

Education

Massachusetts Institute of Technology
Ph.D. Nuclear Science and Engineering

Massachusetts Institute of Technology
M.S. Nuclear Science and Engineering

Oregon State University
B.S. Nuclear Engineering

Selected Accomplishments

Lockheed Dean's Excellence in Teaching Award
2016

American Nuclear Society Graduate Scholarship Award
2006 and 2009

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