



Biography

Jess C. Gehin, PhD

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Jess Gehin became associate laboratory director for INL's Nuclear Science & Technology (NS&T) directorate in March 2021 after serving as chief scientist for NS&T since 2018. Over his 28-year career, he has built national strategies and priorities for nuclear energy, led complex projects and organizations, and developed strong relationships with senior leaders within INL, the Department of Energy (DOE) and federal sponsors, and other laboratories, companies, and universities. In support of the DOE Office of Nuclear Energy (DOE-NE), he served as the national technical director for the DOE Microreactor Program. He expanded NS&T's strategic direction and helped develop and establish key projects to build advanced reactors at INL, such as the Department of Defense's (DoD's) demonstration microreactor, Project Pele, and the Microreactor Applications Research Validation and Evaluation (MARVEL) Project. Previously, he held research and leadership positions at Oak Ridge National Laboratory (ORNL) in nuclear reactor core physics, reactor core and system technologies, reactor modeling and simulation, and fuel cycle reactor applications. While at ORNL, he served as the director of the Consortium for Advanced Simulation of Light Water Reactors. He earned a BS in nuclear engineering from Kansas State University and MS and PhD degrees from the Massachusetts Institute of Technology. He was an associate professor at the University of Tennessee, is a fellow of the American Nuclear Society, and has authored or coauthored more than 120 refereed journal and conference articles, technical reports, and conference summaries.