GATEWAY FOR ACCELERATED INNOVATION IN NUCLEAR (GAIN)

WEDNESDAY, OCTOBER 24 | 4 P.M. | HILL HALL 202

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Dr. John H. Jackson is a Distinguished Staff Scientist/Engineer at the Idaho National Laboratory (INL) in Idaho Falls, Idaho. He currently has dual responsibility as the Gateway for Accelerated Innovation in Nuclear (GAIN) Technical Interface and as the Industry Program Lead for the Nuclear Science User Facilities (NSUF). In these capacities, John works closely with the DOE Office of Nuclear Energy and the nuclear industry to ensure that DOE facilities are used effectively to maintain the current reactor fleet and to enable innovation. John has over twenty years of experience in the areas of mechanical testing and fracture mechanics. He also has over three years of experience in extreme environment materials characterization and drilling mechanics at the ExxonMobil Upstream Research Company in Houston, Texas. John holds Ph.D. (2001) and MS (1998) degrees in Mechanical Engineering from the University of Washington, Seattle, WA, and a B.S. in Mechanical Engineering Technology (1995) from Central Washington University in Ellensburg, WA.

GAIN is a DOE Office of Nuclear Energy (DOE-NE) initiative that is focused on addressing universally recognized issues that currently constrain the domestic nuclear industry. As such, GAIN influences the direction of relevant RD&D pathways and establishes and maintains a private-public partnership framework. GAIN’s mission is to provide the nuclear energy industry with access to the technical, regulatory, and financial support necessary to move new or advanced nuclear technologies toward commercialization in an accelerated and cost-effective fashion. GAIN offers a single point of access to the broad range of capabilities in DOE’s national laboratory complex. DOE has invested billions of dollars to build and maintain expertise and infrastructure within the national laboratory system. This vast capability should be leveraged effectively to support commercialization of new advanced nuclear technologies and designs.

This seminar will provide a general overview of the GAIN initiative as well as discussion of recent examples of successful implementation.