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He began his career at the Idaho National Laboratory in 1991 in the Fuels and Materials Department after graduating with a BS and MS in Nuclear Engineering from the University of Washington. He left the INL in 1999 and spent 5 years at BWX Technologies in Lynchburg, Virginia returning to the INL in 2004 to join the DOE Nuclear Technology Research and Development program. He obtained his PhD from the Department of Nuclear Engineering, University of Idaho in 2012, focusing on fuel-cladding chemical interaction formation in fast reactor metallic fuels. The NTRD Advanced Fuels Campaign is responsible for the DOE LWR Accident Tolerant Fuel Program as well as the development of advanced fuels for transmutation in advanced reactor systems.

