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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 Babcock and Wilcox in Lynchburg, Virginia before returning to the INL in 2004 to join the DOE NTRD program. He obtained his PhD from the Department of Nuclear Engineering, University of Idaho, focusing on fuel cladding interaction formation in fast reactor metallic fuels in 2012. 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.