

Meet the Presenter...

Dr. Edward Mausolf

Dr. Edward Mausolf is an Associate Research Chemistry Department at the University of Nevada, Las Vegas (UNLV), and a joint appointee Scientist with the Pacific Northwest National Laboratory within the National Security Directorate. He received his Ph.D. in Radiochemistry in 2013 from UNLV, with a research emphasis on the investigation of nuclear reprocessing of uranium and the development of advanced technetium waste forms.



His current research is focused on the development of accident tolerant nuclear fuels. Dr. Mausolf has a patent pending on methods designed to reprocess nuclear waste within the reactor while under operation, with a secondary emphasis on the stabilization of fuel for use in intermediate storage, or direct geological disposal of used nuclear fuel. His expertise in the nuclear fuel cycle provides significant knowledge around fuel forms, fuel separations, and various characterization techniques such as microscopy, corrosion, and inorganic hard-synthesis techniques, which is leveraged through innovative strategies to develop intellectual property from his research.

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