

Jenifer Shafer is an Associate Professor in the Chemistry Department and Nuclear Science & Engineering Program at the Colorado School of Mines. She received her PhD from Washington State University in 2010, and a BS from Colorado State University in 2005. She is the 2019 Chair of the ACS Division of Nuclear Science & Technology and a 2014 DOE Early Career awardee for her work on the heaviest available actinide elements. Jenifer is interested in advancing f-element separations technology through the use of new materials, supramolecular assembly, unique oxidation states and controlling electronic structure. Advancing f-element separations technology has broad applications from advanced nuclear fuel cycles, nuclear forensics and renewable technology. She is the coauthor of several book chapters, over 40 technical manuscripts and has lead or collaborated on projects receiving nearly \$6M in funding for her work in these areas.