

Richard Wilson is a chemist and the Group Leader of the Heavy Elements Chemistry group at Argonne National Laboratory. He received his Ph.D. in chemistry from the University of California, Berkeley in 2005 where he was a member of the Heavy Element Nuclear and Radiochemistry group. His research interests are in the fundamental chemistry of the heavy elements with a focus on protactinium, the trans-uranium elements, and their periodic chemical properties as revealed through studies of their molecular and electronic structure. He is active in the American Chemical Society as the vice-chair (2022) and chair (2023) of the Division of Nuclear Chemistry and Technology. He is an alumni of the DOE Nuclear Chemistry Summer School and participates annually as part of the guest lecture series there. He has reviewed programs for the Department of Energy covering Heavy Elements Chemistry, Isotope Production, Geochemistry, and Nuclear Energy. He has authored more than 60 publications on f-element chemistry and in 2012 was a recipient of a Department of Energy Early Career Research Award to study the fundamental chemical properties of protactinium.