

Dr. Thomas Richmond – Ph.D., Professor

Department of Chemistry, University of Utah.

Dr. Richmond is an expert in inorganic, organometallic and fluorocarbon chemistry. Prior to joining the faculty at Utah, he earned degrees from Brown (Sc.B) and Northwestern (MS, Ph. D.) and did postdoctoral study at the California Institute of Technology. He is the acknowledged founder of the field of C-F bond activation chemistry using transition metals. His laboratory has demonstrated that fluorocarbons, including totally saturated systems, are indeed reactive molecules and has developed several catalytic systems for selective defluorination of aromatic and aliphatic systems.

On a national level, this work was recognized by the American Chemical Society Nobel Laureate Signature Award for Graduate Education. For more than a decade he has worked with the Tooele Army Depot on Environmental Tests of their incinerators. He has been recognized by the President of the United States for excellence in research (Presidential Young Investigator Award) and by the President of the University of Utah for excellence in teaching (Presidential Teaching Scholar Award) and has held fellowships from the Camille & Henry Dreyfus and Alfred P. Sloan Foundations.

Professor Richmond is also a noted teacher in courses ranging from Elementary Chemistry for Health Science students to Advanced Inorganic Laboratory. He has also served the University as Associate Dean of the Honors College and President of the Academic Senate.