

CLAYTON V. MCNEFF

BRIEF BIOGRAPHY

Clayton V. McNeff received his B.S. in Chemistry (1991) from Augsburg College in Minneapolis, MN and a Ph.D. in Analytical Chemistry at the University of Minnesota (1996).

Dr. McNeff's doctoral research centered on the development of a chemically and thermally stable zirconia-based high performance anion-exchange stationary phases, all of which are currently offered commercially. Dr. McNeff is currently the Chief Executive Officer and Director of ZirChrom Separations, as well as the Vice President of Research at SarTec Corporation, and Chief Science Officer as well as being a principal and founder in McNeff Research Consultants, Mcgyan Reactors LLC and Ever Cat Fuels, LLC of all of which are headquartered in Minnesota. He is also the current Chairman of the Board of Governors' for Bio Cat Fuels, LLC. At SarTec Dr. McNeff has co-authored numerous publications on the use and synthesis of zirconia-based high performance phases for the analysis of small ions, large biomolecules, and compounds of pharmaceutical interest including monoclonal antibodies. He has been the principal investigator for 13 competitive research grants totaling more than 3.5 million dollars from funding institutions such as the National Science Foundation (NSF), National Institutes of Health (NIH), United States Department of Agriculture (USDA) and the Department of Energy (DOE). Most recently, he is a co-inventor of the "Mcgyan" process for continuous esterification and transesterification of free fatty acid and triglycerides to biodiesel fuel derived from inedible lipid sources such as algae as well as a director of a SarTec research program in collaboration with Minnesota electrical utility companies including Great River Energy and Xcel Energy focused on the development and implementation of algae production systems for sequestration of carbon dioxide and biofuel production. He is a recipient of a 2002 Tibbett's Award for achievement in innovation and technology associated with the federal small business innovation research program (SBIR).