



Dr. Rod Borup has been a Scientist at Los Alamos National Laboratory since 1999, starting as a post-doctoral researcher in 1994. He also holds a research professor position at the University of New Mexico in the Chemical & Biological Engineering Department. He received his B.S.E. in Chemical Engineering from the University of Iowa in 1988, and his Ph.D. from the University of Washington in 1993. Rod is the former director for the multi-lab consortium for Fuel Cell Performance and Durability (FC-PAD), and is the current co-director for M2FCT (Million Mile Fuel Cell Truck) which includes the national labs: Los Alamos, Argonne, Lawrence Berkeley, Oak Ridge, National Renewable Energy Lab, Brookhaven National Lab, and Pacific Northwest National Lab.. His main research areas are related to PEM fuel cells including fuel cell component durability, water transport, electrode design and GDL materials. His funding has come primarily through the DOE Hydrogen and Fuel Cell Technologies Office (HFTO). He has 13 U.S. patents (several more submitted), authored approximately 150 papers related to fuel cell technology with over 10,000 citations and an H-index of 42. He has received numerous awards including the PI for the 2004 Fuel Cell Seminar Best Poster Award, the 2005 DOE Hydrogen Program R&D Award, the U.S. Drive 2012 Tech Team Award for the Fuel Cell Technical Team, the 2014 winner of the Research Award of the Energy Technology Division of the Electrochemical Society, the PI for the 2015 Fuel Cell Seminar Best Poster Award, the 2016 DOE Fuel Cell Technologies Office Annual Merit Award for Fuel Cells. He is a Fellow of the ElectroChemical Society (2020) and recently won the LANL Fellows prize for leadership (2020).