



**Brian Berland, PhD.** is the Chief Science Officer for ITN Energy Systems. In this role, he directs both technology and business development activities with a focus on moving technologies from the lab to commercialization. Over the last twenty years, he has led research and development activities in flexible electrochromic and low-e window films, flexible lithium solid state batteries, redox flow batteries, alternate energy generation and storage materials, environmental barrier coatings, as well as gas and liquid separation membranes. In his time at ITN, he has been an integral member of a team to successfully bid and execute over \$30M in R&D programs with corporate and government partners, including leading teams commercializing ITN's SSLB with leading worldwide corporate partners. He has been active in all aspects of product development for these technologies including cost-modeling, development of strategic partnerships, and definition of product performance requirements/market identification to support successful commercial transition and scale-up. Prior to joining ITN Energy Systems, Dr. Berland was a postdoctoral research associate at the University of Colorado in the labs of Professor Steven George, a world leader in ALD chemistry. He holds a BS in Chemistry from Carleton College and a Ph.D. in Chemistry from the University of Colorado.