



### **Biography**

Bryan D. McCloskey joined the Department of Chemical and Biomolecular Engineering at the University of California, Berkeley in 2014, and holds a joint appointment as Faculty Engineer in the Energy Storage and Distributed Resources Division at Lawrence Berkeley National Laboratory. His laboratory focuses on characterization of fundamental electrochemical processes to provide guidance for the development of energy storage, electrocatalytic, and corrosion-resistant materials. He was previously a Research Staff Member (2012-2013) and postdoc (2009-2011) at IBM Almaden Research Center, where he worked on understanding fundamental characteristics of electrochemical processes occurring in Li-O<sub>2</sub> batteries. His PhD thesis (2009), supervised by Benny Freeman at the University of Texas at Austin, focused on molecular transport through microporous and dense polymeric membranes, with a particular emphasis on membranes for water purification. He received his B.S. (2003) in Chemical Engineering at the Colorado School of Mines where his research, supervised by Drs. Thomas McKinnon and Andrew Herring, focused on employing molecular beam mass spectrometry to characterize aromatic hydrocarbon formation during pyrolysis of cellulosic chars.