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Geoffrey M. Geise is an assistant professor of chemical engineering at the University of Virginia. After earning a B.S. degree in chemical engineering from the Pennsylvania State University in 2007, he proceeded to earn M.S.E. (2010) and Ph.D. (2012) degrees in chemical engineering from the University of Texas at Austin where he developed experimental techniques for measuring individual ion sorption in polymers and established a fundamental selectivity/permeability tradeoff relationship in desalination membrane materials under the direction of thesis advisors Prof. Don Paul and Prof. Benny Freeman. Subsequently, Dr. Geise joined the Penn State Institutes of Energy and the Environment and the Department of Materials Science and Engineering as a post-doctoral scholar at the Pennsylvania State University to study electric potential-driven ion transport in polymers under the direction of Prof. Michael Hickner and Prof. Bruce Logan. At the University of Virginia, his research focuses on studying the fundamentals of chemically- and electrochemically-driven small molecule transport through polymeric materials in order to engineer membranes that will address global water shortages and need for clean energy. He has received several professional and academic awards and honors including the 2016 Ralph E. Powe Junior Faculty award, the 2015 Young Membrane Scientist Award from the North American Membrane Society (NAMS), the New Professor Travel Award from Engineering Conferences International, and a University of Virginia Excellence in Diversity Fellowship. Dr. Geise has authored and co-authored 25 peer-reviewed publications, which have received over 1,400 total citations.

