

Daniel J. Miller Bio

Daniel J. Miller is a staff scientist at the Joint Center for Artificial Photosynthesis at Lawrence Berkeley National Laboratory in Berkeley, CA. He received his B.S. in Chemical Engineering from Bucknell University (PA) in 2006 and his Ph.D. in Chemical Engineering from the University of Texas at Austin in 2013 under the supervision of Professors Benny D. Freeman and Donald R. Paul. While at UT, Dan was the recipient of a National Science Foundation Graduate Research Fellowship and studied fouling phenomena in surface-modified ultrafiltration membranes. His present research focus includes the development of membranes for solar fuels devices, including synthesis of new polyelectrolytes, study of small molecule and ion transport through polyelectrolyte membranes, and integration into prototype devices.