

Daniel T. Hallinan Jr. received degrees in Chemical Engineering and Philosophy from Lafayette College. His doctoral research, concerning transport in polymer electrolyte membranes for fuel cells, was conducted at Drexel University under Professor Joe Elabd. As part of a collaboration during his Ph.D., he also studied transport in polymers under Professor Giulio Sarti at the University of Bologna, Italy. He did postdoctoral research in the labs of Professor Nitash Balsara at the University of California, Berkeley and Lawrence Berkeley National Lab. There he established a laboratory to make lithium batteries using block copolymers and studied lithium dendrite formation in those batteries. He is now an assistant professor of Chemical and Biomedical Engineering at the FAMU-FSU College of Engineering. His current research at Florida State University focuses on studying structure and dynamics of nanostructured polymer materials such as block copolymers and polymer-grafted nanoparticles. His projects are focused on increasing the transport rates and the stability of polymer electrolytes for lithium battery and water purification applications.

