

Biography

Todd Emrick is an organic and polymer chemist in the Polymer Science & Engineering Department at the University of Massachusetts. He did his undergraduate degree in Chemistry at Juniata College (1988-1992) and Ph.D. in Organic Chemistry at the University of Chicago (1992-1997). Following postdoctoral research in organic and polymer synthesis at the University of California Berkeley (1997-2000), he started as an Assistant Professor of Polymer Science & Engineering at UMass Amherst in 2001. Now an Associate Professor, his research group is active in the area of nanoparticle and polymer synthesis, solution and interfacial properties of nanomaterials, hydrophilic and amphiphilic polymeric therapeutic materials, and thermally responsive non-flammable (high-char) macromolecules. He is the Director of the National Science Foundation supported Materials Research Science & Engineering Center (MRSEC) on Polymers at UMass Amherst, and coordinates the anti-flammable polymer cluster ("Cluster F") within the Center for UMass-Industry Research on Polymers (CUMIRP) at UMass.