

The Dow Chemical Company
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**Research Scientist
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Todd received a B.S. Chem with distinction from the University of Michigan, double majoring in Chemistry and Asian Studies with a focus on the Japanese language. Continuing his Chemistry studies, he obtained a Ph.D. from the Massachusetts Institute of Technology, working with Professor Stephen Buchwald on the development of cross-coupling methodologies for the introduction of trifluoromethyl and cyano functional groups. Since joining Dow in June of 2013, Todd's work has focused on several aspects of homogeneous olefin polymerization catalysis, primarily interfacing with the Plastics & Specialty Packaging business. Todd designs and synthesizes new ligand classes for multiple projects, and then investigates their metallation chemistries and catalytic performance. Todd also studies polyolefin precatalyst activation, designing several classes of new activator anions. Todd was the leader of a University Partnership Initiative program with the Ozerov group at Texas A&M.

Biography