

Postdoctoral Research Opening
High Performance Thermoplastic Polyurethane Systems
Department of Macromolecular Science and Engineering
Case Western Reserve University

The Department of Macromolecular Science and Engineering of Case Western Reserve University (Cleveland, Ohio) announces the availability of a postdoctoral research opening in the area of high performance thermoplastic elastomer systems. This position is open to individuals who hold a Ph.D. in a relevant field (e.g, Chemical Engineering, Polymer Science and Engineering, Chemistry, Materials Science, etc.) and is expected to be initially a 12-month appointment.

Candidates who have an established research record in areas relevant to nanocomposites and morphological characterization of thermoplastic elastomers are encouraged to apply. The project will entail the development of innovative, next generation nanocomposites with properties enhanced by nanofillers and through the application of various processing strategies. Research will also explore the potential use of crosslink points in either the soft or the hard domains of thermoplastic polyurethanes to affect system morphology and properties. We seek a candidate with effective written and oral communication skills, high levels of motivation, initiative and energy coupled with ability to work independently as well as in a team. Preference will be given to applicants who completed their PhD within the past 5 years. This position is open until filled.

Further inquiries and application materials (curriculum vitae, descriptions of research interests, and a list of references) should be sent electronically to Professor Ica Manas-Zloczower, Department of Macromolecular Science and Engineering, Case Western Reserve University, at (ixm@case.edu)

Case Western Reserve University is an Affirmative Action/ Equal Opportunity employer. Applications from women and under-represented minorities are encouraged.