Two Tenure-Track Positions in Polymer Rheology and Polymer Processing
University of Akron

The Department of Polymer Engineering at The University of Akron is seeking applications for two (2) tenure-track assistant or associate professor positions to begin in Fall 2016 with research interests respectively in polymer processing and polymer rheology. For the polymer processing position (Job ID 9288), research interests in modeling of polymer processing such as extrusion, microinjection molding, and thermoforming, advanced manufacturing processes such as additive manufacturing, roll to roll manufacturing processes and associated metrology tools needed for emerging technologies including flexible electronics, and processing-structure-property relationships, or related areas are desired. Applicants should have an earned Ph.D. in engineering or a related discipline with a minimum of 2 years of industrial experience or postdoctoral experience in academic and/or industrial setting and demonstrated research interests in polymer processing. Applicants with 3-4 years of experience in an equivalent academic department, in industry, or during postdoctoral research in academic and/or industrial setting will be given favorable consideration. For the polymer rheology position (Job ID 9282), applicants should have an earned Ph.D. in polymer engineering, chemical engineering, mechanical engineering, materials science, physics, or a related discipline and demonstrated active research interests and experience in polymer rheology. Applicants with demonstrated post-graduation experience in an equivalent academic department, in industry, or during postdoctoral research in academic and/or industrial setting will be given favorable consideration, however, these may be waived for exceptional candidates. Prior research experience in experimental and/or computational rheology of polymers and complex fluids including rheological aspects of polymeric microfluidics and biopolymeric systems is highly desirable.

In addition to establishing a strong, externally funded research program, the successful applicants will be expected to direct graduate student research, teach graduate and undergraduate classes, and contribute to the functioning of the department, college, and university through service on committees and participation in departmental activities. The University of Akron, with more than 25,000 students, has a world class program in polymer science and polymer engineering with a long history in polymers dating back to 1909. The Department of Polymer Engineering currently has 13 full time faculty and 149 full time and part time graduate students.

Applicants need to complete online application at https://www.uakron.edu/hr/job-openings/openings.dot and attach a cover letter, curriculum vitae with list of publications, documentation of prior research support (if applicable), detailed research and teaching plans, and the names and contact information of at least three professional references. Review of applications will begin immediately and continue until the position is filled. The University of Akron is an Equal Education and Employment Institution. Women and minority candidates are strongly encouraged to apply.

Kevin Cavicchi
Associate Professor
Department of Polymer Engineering
250 S Forge St
Akron, OH 44325-0301
330-972-8368