

## **Advertisement for Polymer Rheology (9282) Faculty:**

### **Assistant/Associate Professor of Polymer Engineering, The University of Akron**

The Department of Polymer Engineering at The University of Akron is seeking applications for a tenure-track position at the assistant or associate professor level to begin in Fall 2016, with a preference for candidates with research interests in experimental and/or computational rheology of polymers and complex fluids. Applicants should have an earned Ph.D. in polymer engineering, chemical engineering, mechanical engineering, materials science, physics, or a related discipline. Postdoctoral experience will be given favorable consideration. Other desired attributes are strong communication skills, commitment to collegiality, and enthusiasm for collaborative research. In addition to establishing an internationally recognized, externally funded research program, the successful applicant 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 [www.uakron.edu/about\\_ua/employment/job\\_openings/index.dot](http://www.uakron.edu/about_ua/employment/job_openings/index.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.

### **Job Posting:**

**Preferred Qualifications:** 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.

**Required Qualifications:** 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.

**Responsibilities:** Applicants will establish a strong, externally funded research program related to polymer rheology, direct M.S. and Ph.D. students, 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.