

## **FOUR OPEN FACULTY POSITIONS IN THE COLLEGE OF POLYMER SCIENCE AND POLYMER ENGINEERING, THE UNIVERSITY OF AKRON**

The College of Polymer Science and Polymer Engineering (CPSPE) invites applications for faculty appointments focused in the area of Biomaterials and Biosciences. The University of Akron (UA), with 26,000 students on the main campus, has a long history in polymer expertise dating back to 1909. CPSPE has 31 full time faculty and over 160 full time and part time graduate students in two academic departments – the Department of Polymer Science and the Department of Polymer Engineering. CPSPE will play a key role in the BioInnovation Institute of Akron, a multidisciplinary, multi-institutional research endeavor just established with \$80M initial funding. CPSPE faculty members also participate in UA's recently established Integrated Bioscience Ph.D. program. All successful applicants will direct graduate student research, participate in classroom teaching, and support department, college, and university strategic goals through service on committees and participation in departmental activities

**I) OHIO RESEARCH SCHOLAR POSITION IN BIOBASED ADVANCED MATERIALS AND ENERGY:** The Department of Polymer Science is seeking applications for an Endowed Chair Professor position with a research program in the emerging areas of *polymer chemistry of biobased materials, green chemistry, or biomaterials*. The successful candidate will have a Ph.D. in Chemistry, Polymer Science, Biochemistry, Chemical Engineering or a closely related field. The Research Scholar will collaborate closely with cluster hiring at The Ohio State University and University of Dayton and may have an adjunct appointment with the Department of Horticultural and Crop Science at The Ohio State University campus located in Wooster, Ohio. The chosen candidate will be expected to create innovative and novel plant-based chemicals and products and lead an internationally recognized program including developing and mentoring collaborative research teams and partnerships involving other universities, government, and private industry.

**II) OHIO RESEARCH SCHOLAR IN BIOMATERIALS IN THE DEPARTMENT OF POLYMER SCIENCE:** The Department of Polymer Science is seeking applications for an Endowed Chair Professor position with a research program in the emerging areas of *polymer chemistry of biomaterials, tissue engineering, and targeted drug delivery*. Applicants should have a Ph.D. in Chemistry, Polymer Science, Biochemistry, Chemical Engineering or a closely related field and should have a strong background in biological or biomedical sciences, preferably in orthopedic-related research. The Research Scholar will collaborate closely with cluster hiring at the Northeastern Ohio Universities Colleges of Medicine and Pharmacy (NEOUCOM/P). The successful candidate will be a member of the Orthopaedics Research Cluster of Northeast Ohio consisting of The University of Akron, NEOUCOM/P, Case Western Reserve University, Lerner Research Institute of the Cleveland Clinic Foundation, Akron General Medical Center, Akron Children's Hospital, and Summa Health System. The chosen candidate will be expected to lead an internationally recognized program including developing and mentoring collaborative research teams and partnerships involving other universities, local hospitals, and private industry.

**III) ASSISTANT PROFESSOR OF POLYMER SCIENCE:** The Department of Polymer Science is seeking applications for a tenure-track Assistant Professor position with research interest in the emerging areas of *biomaterials, biophysics, and bioimaging*. Applicants should have a Ph.D. in Materials Science, Polymer Science, Polymer Physics, Chemical Engineering or a closely related field. Applicants must have a proven record of scholarly achievement as documented by publications and very strong letters of recommendation, excellent communication skills, and the potential to establish and maintain a robust, externally-funded, nationally-recognized research program.

**IV) ASSISTANT PROFESSOR OF POLYMER ENGINEERING:** The Department of Polymer Engineering is seeking applications for a tenure-track Assistant Professor position with research interests in the area of *biomaterials processing and design*, especially for design and fabrication of biomedical devices and sensors. This research will capitalize on state-of-the-art infrastructure available in the University's Wright Center for Multifunctional Nanomaterials and Devices and the BioInnovation Institute of Akron. Applicants should have a Ph.D. in biomedical, chemical, or mechanical engineering or a related discipline and proven record of scholarly publications. The applicant should have strong communication skills and the potential to establish a strong, nationally-recognized, externally-funded research program.

**INFORMATION REGARDING SENDING APPLICATIONS:**

**OHIO RESEARCH SCHOLAR POSITIONS:** An applicant should send a cover letter specifying the position sought, curriculum vitae, including a list of publications; documentation of prior research support; evidence of industrial collaboration and technology transfer experience; detailed research and teaching plans; and names of three references with contact information to **Prof. Matthew Becker, ORSP Search Position, Department of Polymer Science, The University of Akron, Akron, OH 44325-3909.**

**ASSISTANT PROFESSOR POSITION in POLYMER SCIENCE:** An applicant should send a cover letter, resume, list of publications, documentation of prior research support (if applicable), detailed research and teaching plans, and three confidential letters of reference to **Prof. Gustavo Carri, Polymer Physics Search, Department of Polymer Science, The University of Akron, Akron, OH 44325-3909.**

**ASSISTANT PROFESSOR POSITION in POLYMER ENGINEERING:** An applicant should send a cover letter, resume, list of publications, documentation of prior research support (if applicable), detailed research and teaching plans, and three confidential letters of reference to **Prof. Alamgir Karim, Polymer Engineering Search, Department of Polymer Engineering, The University of Akron, Akron, OH 44325-0301.**

Review of applications for each position will begin immediately and continue until that position is filled. *The University of Akron is an Equal Education and Employment Institution.*