

College of Engineering**Tenure-Track Faculty Position in Engineering – Polymer Materials and Sustainability**

The College of Engineering at the University of Georgia (UGA) is seeking applications for a tenure-track assistant professor position to begin July 2017 or earlier with research interests in polymer processing and polymer rheology.

The successful applicant will join an interdisciplinary team in the recently established New Materials Institute (www.newmaterials.uga.edu), which is focused on the design and disposal of new products and materials guided by green engineering principles: in a way that minimizes waste, promotes sustainability, and protects human health. Research in the institute has centers of focus that include circular materials management, biodegradable polymers and additives, and advanced fibers and coating technologies.

The responsibilities of the successful candidate will be to: (1) establish an outstanding research program recognized both nationally and internationally, (2) foster and establish collaborations and partnerships within and outside the College of Engineering as well as industry, (3) exhibit a strong commitment to teaching excellence at both the undergraduate and graduate levels, and (4) compete successfully for extramural funding to support research and a companion graduate and postdoctoral training program. The candidate will have broad latitude to develop a research program that focuses on technological and materials innovations, along with advances in the basic knowledge of sustainability to benefit society.

Candidates should have a Ph.D. degree in polymer science and engineering, chemical engineering or a closely related discipline, and an excellent research record in an area broadly associated with polymer processing and rheology. For polymer processing, research in modeling of polymer processing such as extrusion, microinjection molding, thermoforming, and advanced manufacturing processes (such as roll to roll manufacturing, additive manufacturing) along with associated metrology tools needed for emerging technologies are desired. Special emphasis on research in the areas of bioplastics and biocomposites will be considered. For rheology, prior research experience in experimental or computational rheology of polymers and complex fluids including rheological aspects of biopolymeric systems is highly desirable. A demonstrated record exhibiting leadership traits, effective communication, and ability to develop innovative collaborative programs is required. Formative postdoctoral or industrial experiences, a strong publication record, and demonstrated success in proposal writing are preferred.

The College of Engineering, formed on July 1, 2012, is building a vibrant academic environment that fosters engineering education in a liberal arts environment and research that addresses critical societal needs. The College offers eight undergraduate and seven graduate engineering degree programs spanning all engineering fields. The college has grown rapidly to nearly 2,000 undergraduate and graduate students and over 60 faculty members. More information can be found at www.engineering.uga.edu

To apply, candidates should submit an application at <http://facultyjobs.uga.edu/postings/1404>. Questions related to the position may be directed to the search committee chair, Dr. Jason Locklin (jlocklin@uga.edu).

Applications received before December 1, 2016 will be given full consideration.

The University of Georgia is an Equal Opportunity/Affirmative Action employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability, gender identity, sexual orientation or protected veteran status.