

IOWA STATE UNIVERSITY

The **Department of Materials Science and Engineering** (www.mse.iastate.edu) at Iowa State University (ISU) invites applications for a tenure-track Assistant Professor level in technical areas contributory to education and research efforts in polymers, polymer-matrix composites, polymeric biomaterials and/or polymeric bioinspired materials.

The successful candidate will be expected to develop a vibrant research program, teach undergraduate and graduate courses on polymeric materials, and engage in professional and institutional service and leadership. In addition, the Assistant Professor will have opportunities to engage in significant interdisciplinary collaborations on the Iowa State University campus, including those offered by the Ames Laboratory (www.ameslab.gov), a USDOE National Laboratory; the National Science Foundation Engineering Research Center for Biorenewable Chemicals (www.cbirc.iastate.edu); the Bioeconomy Institute (www.biorenew.iastate.edu); the Center for Nondestructive Evaluation (www.cnde.iastate.edu); the Center for Bioplastics and Biocomposites (www.cb2.iastate.edu); and the Microelectronics Research Center (www.mrc.iastate.edu).

The Department of Materials Science and Engineering has 23 tenured and tenure-track faculty members, including a Nobel Laureate and two National Academy of Engineering members, 260 undergraduate students, and 75 graduate students. Sponsored research expenditures of the department are over \$13M per year.

ISU has an active and successful dual-career partner placement program and a strong commitment to work-life balance and family-friendly programs for faculty and staff (www.provost.iastate.edu/isu-advance/faculty-searches/fac-cand). We are invested in increasing the participation of those traditionally underrepresented in higher education and seek those who share in this mission.

The successful candidate must have a Ph.D. in materials science, polymers, or a related science or engineering field with research experience in polymeric materials and credentials commensurate with teaching graduate and undergraduate classes in polymers.

Preferred qualifications include:

- B.S. or M.S. in materials science and engineering, polymers, or a closely related field
- Expertise in polymers, such as physical, optical, electronic, chemical and biological properties of polymers; polymer synthesis and processing; polymer characterization; and the applications of polymers in energy, medicine, or other areas
- Experience in university-level teaching at the undergraduate and graduate levels; experience in supervising research of graduate and undergraduate students; and experience in writing, submitting, and administration of research proposals for state, federal, non-profit and/or industrial sponsors
- Evidence of significant industrial, federal laboratory, university, and/or international collaboration experience in a related area.

Iowa State University is classified as a Carnegie Foundation Doctoral/Research University-Extensive, a member of the Association of American Universities (AAU), and ranked by U.S. News and World Report as one of the top public universities in the nation. Over 34,000 students are enrolled, and served by over 6,100 faculty and staff (see www.iastate.edu). Ames, Iowa is a progressive community of 60,000, located approximately 30 minutes north of Des Moines, and recently voted second best most livable small city in the nation (see www.amescvb.com).



All applications must be submitted electronically at www.iastatejobs.com/postings/14658. To ensure consideration, please apply by **November 15, 2015**. We expect the successful candidate to be in place by August 16, 2016. If you have questions regarding this position, please contact Dr. Mufit Akinc at makinc@iastate.edu or 515-294-0738. Please direct questions regarding the application process to employment@iastate.edu or to 1-877-477-7485 (toll-free).

Iowa State University is an Equal Opportunity/Affirmative Action employer. All qualified applicants will receive consideration for employment without regard to race, color, age, religion, sex, sexual orientation, gender identity, genetic information, national origin, marital status, disability, or protected veteran status, and will not be discriminated against. Inquiries can be directed to the Director of Equal Opportunity, 3350 Beardshear Hall, (515) 294-7612.