

Chemical Engineering and Materials Science, Michigan State University

Faculty Position in Polymeric and Composite Materials

The Department of Chemical Engineering and Materials Science in the College of Engineering at Michigan State University invites applications for a tenure-system position in the area of Polymeric and Composite Materials with a preferred start date of August 16, 2018. Join Michigan State University's Global Impact Initiative, designed to address grand scientific challenges through the creation of over 100 new faculty positions in some of the most promising and exciting fields of research. MSU has a long-established research thrust in polymeric and composite materials, and there are opportunities to participate in the Institute for Advanced Composites Manufacturing Innovation (see www.iacmi.org). MSU also has an extensive infrastructure for the fabrication and characterization of materials in the Composite Materials and Structures Center, the Rogers NMR Facility, and the Center for Advanced Microscopy. MSU offers an inclusive and collaborative work environment, and welcomes applicants from diverse backgrounds.

To learn more, please visit <http://research.msu.edu/global-impact>.

Candidates must have an earned PhD in Chemical Engineering, Chemistry, Materials Science or a closely related field. Candidates with expertise in all areas of polymeric and composite materials are encouraged to apply. A particular emphasis is being placed on polymer synthesis, polymer composite processing and manufacturing, and processing-structure-property relationships in fiber-reinforced composites. The position will be filled at the Assistant, Associate or Full Professor level, depending on the qualifications of the successful candidate.

The successful candidate is expected to build a world-class, interdisciplinary, externally-funded research program complementing or extending the existing strengths of the department, while enhancing strategic areas for future growth. The candidate must make significant scholarly contributions to their discipline, be an effective teacher and mentor of both undergraduate and graduate students, and engage in institutional and professional service. The successful candidate must also be capable of teaching chemical engineering and/or materials science courses at the undergraduate and graduate levels.

MSU enjoys a park-like campus with outlying research facilities and natural areas. The campus is adjacent to the city of East Lansing and the state capital of Lansing. The Lansing metropolitan area has a diverse population of approximately 470,000. Local communities have excellent school systems and place a high value on education. Michigan State University is pro-active in exploring opportunities for employment for dual career couples, both inside and outside the University. Information about MSU's dual career support can be found at <http://miwin.msu.edu>. Information about WorkLife at MSU and the College of Engineering can be found at <http://www.egr.msu.edu/WE>.

Interested individuals should submit an application for this position through: <http://careers.msu.edu> and refer to position #471896. Applicants must submit a detailed resume,

a cover letter summarizing their qualifications, vision statements for teaching and research, and the names and contact information for at least three references. For full consideration, applications should be received by November 30, 2017. Applications will be reviewed on a continuing basis thereafter until the position is filled. Nominations or questions are welcome by contacting the search committee chair Professor John Dorgan through email at jd@msu.edu .

Michigan State University has been advancing the common good with uncommon will for more than 160 years. A member of the Association of American Universities, MSU is a research-intensive institution with 17 degree-granting colleges.

MSU is an affirmative-action, equal opportunity employer. MSU is committed to achieving excellence through a diverse workforce and inclusive culture that encourages all people to reach their full potential. The university actively encourages applications or nominations of women, persons of color, veterans, and persons with disabilities.