

Assistant Professor-Tenure System Materials Science & Engineering or Chemical Engineering

Michigan State University, College of Engineering

Application screening start date: 12/02/2019

Online Application

<https://qrco.de/bbJ2qU>

<https://careers.msu.edu/en-us/job/502701/assistant-professortenure-system>



Position Summary

The Department of Chemical Engineering and Materials Science (CHEMS) at Michigan State University invites applications for a tenure-system faculty position at the Assistant Professor level with a starting date of August 16, 2020. Candidates must have an academic background and a doctoral degree in an area of materials science and engineering, chemical engineering, or a closely related field, at the time of appointment.

The Department is looking for a highly motivated individual who can complement current strengths and expertise. Candidates with interests and demonstrated background in any area of materials science and engineering or chemical engineering research are encouraged to apply. Tenure-system faculty are expected to establish a vibrant, sustainable, and internationally visible research program; 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 as well as public outreach. The successful candidate will also be capable of teaching materials science and engineering or chemical engineering courses at the undergraduate and graduate level. Other qualifications include strong leadership and interpersonal skills, excellent written and oral communication skills, an ability to work in a collaborative research environment and a commitment to promoting and embracing diversity.

Excellent opportunities exist within the Department, College, and University for collaboration with other faculty. The CHEMS department is comprised of 30 full-time equivalent tenured/tenure-system faculty members, five fixed-term faculty members, four academic specialists, and approximately 800 graduate and undergraduate students. Both, the materials science and engineering as well as the chemical engineering program offer degrees at the BS, MS, and PhD levels; faculty in the department engage in instruction and perform cutting-edge research in a variety of areas including polymers and composites, biomaterials, biomolecular and protein engineering, catalysis and transport in electrochemical energy systems, biosensors, bio-renewable fuels and chemicals, lightweight metals and advanced structural alloys, materials for energy storage and conversion, and computational materials science. Shared research facilities are available across campus for carrying out state-of-the-art experimental and computational studies in materials science and engineering, chemical engineering, and related disciplines.

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 capital city 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 proactive in exploring opportunities for employment for dual career partners, 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 can be found at <https://worklife.msu.edu/>.

Required Degree

Doctorate in Materials Science & Engineering, Chemical Engineering, or closely related field

Minimum Requirements

Candidates must have an academic background and a doctoral degree in an area of materials science and engineering, chemical engineering, or a closely related field, at the time of appointment.

The successful candidate will also be capable of teaching materials science and engineering or chemical engineering courses at the undergraduate and graduate level. Other qualifications include strong leadership and interpersonal skills, excellent written and oral communication skills, an ability to work in a collaborative research environment and a commitment to promoting and embracing diversity.

Required Application Materials

1. CV
2. Cover letter
3. Vision statements for teaching and research
4. Diversity statement
5. Name and contact information for at least 3 references

Special Instructions

Applicants must submit a detailed resume, a cover letter summarizing their qualifications, vision statements for teaching and research, a diversity statement, and names and contact information for at least three references.

Application review will begin on December 2, 2019. 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 by email at pe@msu.edu.

MSU is an affirmative-action, equal opportunity employer. MSU is committed to achieving excellence through a diverse workforce and inclusive culture that en-

courages all people to reach their full potential. The university actively encourages applications or nominations of women, persons of color, veterans, and persons with disabilities.

Review of Applications Begins On

12/02/2019

Department Website

<https://chems.msu.edu>

MSU Statement

Michigan State University has been advancing the common good with uncommon will for more than 160 years. One of the top research universities in the world, MSU pushes the boundaries of discovery and forges enduring partnerships to solve the most pressing global challenges while providing life-changing opportunities to a diverse and inclusive academic community through more than 200 programs of study in 17 degree-granting colleges.