



THE UNIVERSITY OF
SOUTHERN MISSISSIPPI

SCHOOL OF POLYMER SCIENCE AND ENGINEERING

Assistant Professor in Polymer Science and Engineering (Posted 10/26/2018)

Job Summary: The University of Southern Mississippi invites applications for a full-time, nine-month, tenure-track faculty position as an Assistant Professor of Polymer Science and Engineering in the School of Polymer Science and Engineering (SPSE) within the College of Science and Technology (Hattiesburg Campus) to begin in fall 2019. Applicants with demonstrated expertise in either a) physical polymer chemistry or b) optoelectronic materials are particularly encouraged to apply.

Duties/Responsibilities: It is expected that the successful candidate will build an internationally recognized, externally funded research program in his/her area of expertise, direct graduate student research, and contribute to the functioning of the school, college, university and scientific community through professional service. The successful candidate must also be capable of teaching polymer science and engineering courses at the undergraduate and graduate levels. The successful candidate will be expected to engage in collaborative research proposals and projects involving advanced materials across school and disciplinary boundaries with private, state and federal funding entities.

Minimum Qualifications: Applicants must hold an earned Ph.D. in polymer science and engineering, physical chemistry, chemical physics or a closely related discipline, and possess a demonstrated record of intellectual and academic accomplishments that will qualify her or him for appointment at the appropriate level. Other required qualifications include strong leadership and interpersonal skills, excellent written and oral communication skills, an ability to work in a collaborative environment, and a commitment to promoting and embracing diversity.

Preferred Qualifications: Candidates with postdoctoral research experience, a strong publication record and demonstrated success in proposal writing are preferred. Candidates with demonstrated expertise in optoelectronic materials, interface characterization, and/or correlated electronic materials are preferred.

Application Instructions: Applications must be submitted online at <https://jobs.usm.edu> (Job Posting: req386). Applicants should submit a single pdf document containing a cover letter, curriculum vitae, statement of research plans and a brief statement of teaching philosophy. Applicants should arrange for the submission of three reference letters. For inquiries about the position or to nominate a candidate, contact the search committee chair Dr. Derek Patton (derek.patton@usm.edu). Review of applications begins immediately and will continue until the position is filled.

University/Departmental Information: The SPSE (www.usm.edu/polymer) comprises faculty members with research programs in optoelectronic materials, composites and nanocomposites, biomaterials and bioinspired polymers, materials for energy and the environment, and coatings and thin films with average annual external funding of ~\$15M over the past three years. SPSE offers state-of-the-art facilities for soft-matter optoelectronics research including newly acquired thin-film device fabrication and characterization equipment, SAX/WAXS laboratory beamline, XPS spectrometer with integrated UPS and Ar GCIS capabilities, magnetic characterization, AC/DC SQUID magnetometer, ESR, cryogenic probe station, and supercomputing capabilities. SPSE is home to ~80 Ph.D. students and ~120 undergraduate students; it offers polymer science and engineering degrees at the B.S., M.S. and Ph.D. levels.

Founded in 1910, The University of Southern Mississippi is a comprehensive doctoral and research-intensive university fulfilling its mission of being a leading university in engaging and empowering individuals to transform lives and communities. The University of Southern Mississippi, which enrolls approximately 16,000 students each year, is the only dual-campus university in Mississippi with campuses in Hattiesburg and Long Beach. Five additional teaching and research sites are located on the Mississippi Gulf Coast. Learn more at www.usm.edu.

As an Affirmative Action/Equal Employment Opportunity employer/Americans with Disabilities Act institution, USM encourages minorities, women, veterans, and persons with disabilities to apply. All offers of employment with The University of Southern Mississippi are contingent on a background check.