Posting Number: 0003626
Job Title: Postdoctoral Researcher in Polymer Science
Grant Funded: Yes
Position Type: Staff
Campus: Hattiesburg, Mississippi
Department: Polymers & High Performance Materials

Job Summary:

The University of Southern Mississippi invites applicants for a full-time position as post-doctoral researcher in the School of Polymers and High Performance Materials.

A post-doctoral research position in the area of polymer science is immediately available. The successful candidate will work jointly with Dr. Derek Patton in the School of Polymers and High Performance Materials at The University of Southern Mississippi and Dr. Kathryn Beers in the Materials Science and Engineering Division at the National Institute of Standards and Technology (NIST). The position will be permanently stationed at NIST in Gaithersburg, Md. The project focuses on the development of metrologies to elucidate the structure and interactions of advanced polyolefins at interfaces. The preparation and characterization of polyolefin samples with well-defined molar mass distributions and copolymer compositions is essential to the project and will require introduction of technical expertise to both research groups. Independence, creativity and good communication skills are essential. The initial appointment is for one year.

Duties and Responsibilities:

Perform scholarly research and other duties as assigned

Minimum Qualifications:

The candidate will have a Ph.D. in chemistry, chemical engineering, polymer science and engineering, materials science and engineering, or a related field.

All offers of employment with The University of Southern Mississippi are contingent on a background check.

Preferred Qualifications:

Preferred candidates will have familiarity in synthetic organic chemistry, especially organometallic catalysis and "living" coordinative chain transfer polymerizations.

Work Hours: Work hours will vary depending on the needs of the research project
Posting Date: 07-31-2015
Closing Date: Open Until Filled

Special Instructions to Applicants:
https://jobs.usm.edu/applicants/jsp/shared/frameset/Frameset.jsp?time=1438801484948
Additional University/Departmental Information:

Founded in 1910, The University of Southern Mississippi is a comprehensive doctoral and research-driven university with a proud history and an eye on the future. A dual-campus university, Southern Miss serves students on campuses in Hattiesburg and Long Beach, in addition to five teaching and research sites in Mississippi and through Online at Southern Miss. Since 2006, Southern Miss students have collected seven Goldwater Scholarships, three Truman Scholarships and 14 National Science Foundation Graduate Research Fellowships. Our Center for Undergraduate Research affords our students meaningful research opportunities, and as a proven leader in innovation, we conduct transformative research that translates into real-world solutions. As one of a select number of institutions in the nation accredited in art, dance, music and theatre, we are a haven for creativity and artistic expression. In the classroom or lab, on the playing field, or in the performance hall, we strive to have a positive impact not only on our students, but also the world around us. Further information is found at www.usm.edu.

As an Affirmative Action/Equal Employment Opportunity employer/Americans with Disabilities Act institution, The University of Southern Mississippi encourages minorities, women, veterans and persons with disabilities to apply.