Posting Number: 0003630
Job Title: Postdoctoral Position in Computational Materials Science
Grant Funded? No
Position Type: Staff
Campus: Hattiesburg, Mississippi
Department: Polymers & High Performance Materials
Pay Grade Level: N/A

Job Summary:
A position is available for a motivated post-doctoral candidate in the area of computational materials science. The position is for one year and is renewable, subject to performance and availability of funding.

Duties and Responsibilities:
Organize and produce written reports and manuscripts, i.e., research progress reports, patent applications, and manuscripts for publication
Provide technical support for members of the research group

Minimum Qualifications:
A PhD in physics/chemistry/materials science/engineering
Familiarity with the Linux operating system and basic programming skills
Demonstrated effective written and verbal communication skills; demonstrated ability to effectively interact with other members of a research team

Preferred Qualifications:
Expertise in one or more of (i) Ab initio calculations, (ii) molecular dynamics or (iii) finite element modeling

Work Hours: 8 a.m. to 5 p.m., Monday through Friday. Some evening and weekend work
Posting Date: 07-31-2015
Closing Date: Open Until Filled

Special Instructions to Applicants:
Interested candidates should send a CV and contact information for at least two references to: Dr. Gopinath Subramanian via Email to Gopinath.Subramanian@usm.edu

Original posting: 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.