

***Senior Faculty Position  
at the Rutgers  
Laboratory for Surface Modification***

The Laboratory for Surface Modification (LSM) at Rutgers, The State University of New Jersey, is a world-class research center focused on the basic science and technology of interfaces, nanostructures and surfaces. The LSM is strongly interdisciplinary in nature, coupling fundamental and applied programs as diverse as semiconductor materials science, condensed matter theory, quantum level electronics, battery research, advanced devices, and photovoltaics. The laboratory is extraordinarily well equipped, with unique instrumentation allowing leading-edge research in this broad field.

The LSM seeks an experimental scientist with exceptional credentials and the promise of outstanding future impact for a tenured faculty appointment at the full professor level. It is expected that the successful candidate will broaden the LSM activity base, bringing new capabilities to investigations of the unique materials accessible through the LSM and elsewhere within Rutgers. The appointment could be in the Department of Physics and Astronomy, Chemistry and Chemical Biology, Materials Science and Engineering, Electrical and Computer Engineering, or BioMedical Engineering, or a joint appointment in more than one department. The successful candidate will have already demonstrated an outstanding record of achievement in science and/or technology, and would be expected to establish a world-class research program at Rutgers, including the teaching and mentoring of graduate and undergraduate students. In addition, the individual is expected to assume a broad leadership role by initiating collaborative interdisciplinary research activities that would position Rutgers to compete successfully for major federal block funding. A formal administrative role, such as appointment as Directorship of the LSM, is possible but not required. The individual is expected to interact successfully with industry and to be a scientific leader at Rutgers and in the region.

Interested individuals should submit an application electronically (preferred) to [gustaffs@physics.rutgers.edu](mailto:gustaffs@physics.rutgers.edu), or to LSM Search Committee, Rutgers University, 136 Frelinghuysen Rd, Piscataway, NJ 08854. Application materials should include a statement of interest in the position, a current CV including publications and grant funding history, a description of interests and accomplishments in the areas of research and teaching (including how these would be advanced at Rutgers), and contact information for at least four references. Review of applications will begin immediately and continue until the position is filled.

Rutgers, the State University of New Jersey, is an Equal Opportunity Employer which encourages applications from underrepresented groups.