



**University of New Mexico: The Center for High  
Technology Materials (CHTM)**



The Center for High Technology Materials (CHTM) invites applications for a tenured/tenure track faculty position in an appropriate department within the College of Arts and Sciences, the School of Engineering, or the School of Medicine of the University of New Mexico.

Candidates with research interests in nano-bio-science/engineering will be considered at all levels, but senior applicants interested in leading a team in a collaborative environment are particularly encouraged. The preferred candidate would develop research programs applying nanofabrication and nanophotonics to biological problems. Minimum qualifications include a Ph.D. by appointment date in engineering, physical sciences, biology/biomedical sciences, or a related discipline. Salary and rank will be commensurate with the applicant's qualifications and experience.

Senior candidates should demonstrate an outstanding record of research excellence and relevant leadership, a commitment to teaching at the undergraduate and graduate level, and team building in a collaborative environment. University-level teaching experience is desirable.

Junior candidates should demonstrate the potential to establish a high-quality research program and to become an effective teacher and mentor.

CHTM is an internationally recognized research center emphasizing interdisciplinary academic and research programs. Current strengths are in optoelectronic devices and photonics, microelectronics, nanoscale lithography, semiconductor crystal growth and characterization, and nanofabrication. Extensive MOCVD, MBE, lithographic, and cleanroom facilities are maintained. CHTM is a node on the NSF-funded National Nanotechnology Infrastructure Network (NNIN).

Applicants must send a signed letter stating the candidate's research and academic visions, a comprehensive resume, and the names and contact information of four references to the following address.

Professor Marek Osinski, Search Committee Chair  
Center for High Technology Materials, MSC 04-2710  
University of New Mexico  
1313 Goddard SE  
Albuquerque, New Mexico 87106-4343

Screening of applications will begin on November 15, 2005. The position will remain open until filled. Further background information is available at the [www.chtm.unm.edu](http://www.chtm.unm.edu) and <http://www.unm.edu/~oeounm/facpost.html> websites. The University of New Mexico, a Carnegie Doctoral/Research Intensive university, is an Equal Opportunity/Affirmative Action Employer and Educator.