



Posting: Faculty Positions in **NANOSCALE DEVICES**

The Bio/Nano-photonics Research Cluster at the University of North Texas (UNT) seeks candidates for -faculty positions in the broad area of Nanoscale Devices. The positions will be at the **Professor or Associate Professor** rank but candidates at the Assistant Professor level will also be considered. Candidates will be expected to have an extramurally-funded research program that can be integrated into the mission of the Bio/Nano-photonics cluster and will be expected to help support the instructional needs of one or more engineering departments at the graduate and undergraduate levels. Preference will be given to candidates with expertise in nanoscale photonic, optoelectronic, and/or biosensing devices, or epitaxial material synthesis for device applications. A successful candidate will participate in synergistic research activities in existing facilities at UNT including the nanoscale characterization and fabrication facilities at the Center for Advanced Research and Technology (CART) as well as new UNT facilities in nanoscale and ultrafast optical characterization, including near-field scanning and femtosecond time-resolved spectroscopy, and optical microscopy using confocal fluorescence and Raman microscopy. Owing to the high interdisciplinary nature of this field, the Bio/Nano-photonics cluster seeks applicants who can interact with current faculty in the Biological Sciences, Chemistry, Engineering, Physics and/or the UNT Health Sciences Center. Competitive start-up funds and salary are available. Qualified candidates must have a Ph.D. in a cluster related field within Engineering and/or Physical Science disciplines and a demonstrated record of scholarship. Send a cover letter highlighting qualifications and research interests, CV, 3 representative publications, and names of 3 references to: **Dr. Mohammad A. Omary, Search Committee Chair, University of North Texas, Department of Chemistry, 1155 Union Circle #305070, Denton, TX 76203**. In addition, please e-mail your CV to omary@unt.edu. Applications will be reviewed from December 1, 2008 until the search is closed. UNT is a Doctoral/Research-Extensive Institution located in the Dallas/Fort Worth Metroplex. It is the fourth largest university in Texas, with nearly 35,000 students. For further information, see <http://www.unt.edu>.

AA/ADA/EOE.