

TENURE TRACK FACULTY POSITION IN MESOSCALE MATERIALS MODELING

University of North Texas

The University of North Texas (UNT) seeks outstanding applicants for a tenure-track faculty position in mesoscale materials modeling, broadly defined as modeling at a scale between atomistic and continuum levels. Applicants are sought at the Assistant Professor level. This position is one of seven new positions being created to develop a nationally and internationally leading program in Computational Modeling of Materials at UNT. Particular areas of interest involve modeling of the evolution of microstructure, phase transformations, dislocation dynamics, phase field modeling of micro-scale deformation and fracture processes in metals, ceramics, and/or polymers, and coupled field modeling such as the interaction between chemistry and material performance or the effects of externally applied fields on mechanical behavior. Depending on background and interests, the successful candidate's appointment can be in Materials Science and Engineering, Chemistry, Physics, or Mechanical Engineering departments. Joint appointments, if desired, are possible. Salaries, benefits and teaching loads typical for a major research university can be expected.

An earned doctorate in Materials Science and Engineering, Chemistry, Mechanical Engineering or Physics or a related field is required, and post-doctoral experience is preferred.

Applicants must submit a current curriculum vitae, research and teaching plans, and names and contact information of three references to: *The Mesoscale Faculty Search Committee, Department of Materials Science and Engineering, University of North Texas, 1155 Union Circle #305310, Denton TX 76203-5017*. To receive full consideration applications must be received before January 31, 2009.

UNT, the fourth largest university in Texas, is strategically located in Denton, Texas 35 miles north of the Dallas/Fort Worth metropolitan area. There are approximately 34,500 students registered in 93 bachelors, 111 masters and 50 doctoral degree programs. AA/ADA/EOE.