# PhD Position in Multiscale Modeling of Engineering Materials

A PhD position is available in the area of computational multiscale modeling of engineering materials in the Department of Materials Science and Engineering in the College of Engineering at University of North Texas (UNT). Financial support will be provided through research assistantship. The student will participate in research activities to study material defects, microstructure evolution, and mechanical behavior of crystalline metals, alloys, and nano-composites for a wide range of important applications in areas such as energy and aerospace.

B.S. in mechanics, mechanical engineering or materials science is required. Experience in computational programming with FORTRAN or C/C++ is highly desired. GRE and TOEFL (if not native English speaker) scores are required. Interested candidates should send an application letter, 2-3 letters of reference, transcripts, and a short essay on research and education statements to Professor Zhiqiang Wang at Zhiqiang.wang@unt.edu.

The department has a strong computational materials modeling group and is part of the Center for Advanced Scientific Computing and Modeling (CASCaM). More information about the department and the university can be obtained at http://mtse.unt.edu and http://www.unt.edu.

UNT is a Class I – Doctorate Granting Institution in the Dallas-Fort Worth (DFW) metroplex, and is 30 minutes from the DFW International Airport. UNT is the 3rd largest university in Texas with over 35,000 students. As one of the largest in the US, the DFW metroplex has more than six million people, numerous industrial establishments, and excellent school districts. This area and the university provide exceptional cultural, educational and employment opportunities.