Ph.D. and Postdoctoral Positions in Electrical Engineering

University of North Texas

Multiple fully funded Ph.D. and Postdoctoral positions are available in the Department of Electrical Engineering at the University of North Texas. The Postdoctoral positions are multiple-year positions that start immediately. We offer competitive salaries, access to laboratories, and funds for travels to conferences.

The research areas of these positions are generally related to network control, wireless networking, cyber-physical systems, and their applications to unmanned aerial vehicles and air traffic management.

Applicants for the Postdoctoral positions are required to have received a Ph.D. degree in related engineering fields with a strong background in at least two of the following areas: control, stochastic systems, optimization, big data, software development, wireless communication, and implementation of embedded systems. Previous research experience in unmanned aerial vehicles and/or traffic management is a plus. Depending on the candidate’s expertise, the position can involve fundamental theory development, software development, and implementation and fabrication of real systems. The candidates are also expected to gain experience in supervising students, participating in outreach activities, and managing project progress. Excellent writing and communication skills are expected.

Applications for the Ph.D. positions are required to have received a Bachelor’s degree in engineering fields related to control and/or wireless communication. Self-motivated students with strong theoretical background and/or hands-on experience are encouraged to apply. Excellent writing and communication skills are expected. Previous research experience with a good publication record will be highly valued.

Interested applicants for the Ph.D. and Postdoctoral positions please send the application to Dr. Yan Wan by email: yan.wan@unt.edu. Please send one pdf document that includes a one page cover letter that describes the qualifications and career plan, a complete CV, and a list of professional references. Applications will be received by November 30 or until the positions are filled.

UNT is a major research university with rapidly growing engineering research and educational programs. As the nation’s 24th largest public university and the largest, most comprehensive in the Dallas-Fort Worth area, UNT is dedicated to providing an excellent educational experience to its 36,000 students through 99 bachelor’s, 83 master’s, and 36 doctoral degree programs in its 12 colleges and schools, many nationally and internationally recognized. UNT is strategically located in Denton, Texas, a vibrant city with a lively arts and music culture, at the northern end of the Dallas-Fort Worth metropolitan area. The DFW area has more than six million people, with significant economic growth, numerous industrial establishments, and excellent school districts.

The Electrical Engineering Department offers BS, MS, and Ph.D. degrees in electrical engineering. It is home to over 400 undergraduate and graduate students. Additional information about the department is available at the website: http://engineering.unt.edu/electrical/.
The University of North Texas System is firmly committed to equal opportunity and does not permit - and takes actions to prevent - discrimination, harassment (including sexual violence), and retaliation on the basis of race, color, religion, national origin, sex, sexual orientation, gender identity or expression, age, disability, family status, genetic information, citizenship or veteran status in its application and admission processes, educational programs and activities, facilities, and employment practices. The University of North Texas System immediately investigates and takes remedial action when appropriate.

The University of North Texas System also takes actions to prevent retaliation against individuals who oppose a discriminatory practice, file a charge, or testify, assist or participate in an investigative proceeding or hearing.