

Graduate Assistantships

Graduate Assistant positions are available in the Advanced Sensor Technology Laboratory (ASTL) (<http://astl.uta.edu>) at the Department of Mechanical and Aerospace Engineering starting Fall 2015. The research will be focused on sensor development for health monitoring of structures, systems, and humans. A graduate student pursuing his/her PhD degree is preferred. A bachelor's degree in mechanical engineering, aerospace engineering, electrical engineering, physics, or other related areas is required. Research experience in experimental mechanics, mechatronics, robotics, and/or instrumentations is desired.

Qualification Requirements:

- $GRA \geq 3.5$, GRE Quantitative score ≥ 160 , and GRE Verbal score ≥ 145
- Solid understanding of basic principles of solid mechanics and/or measurement methods;
- Strong analytical skills in experiment observation and data interpretation;
- Strong programming skills using MATLAB, LabVIEW, or other programming languages;
- Knowledge of digital data processing is a plus
- Knowledge of electronics and circuit board design is a plus

To apply for these positions, please email detailed CV, GRE scores, and Undergraduate/graduate transcript to Prof. Haiying Huang (email: huang@uta.edu)