NGS Scholarships for COE Graduate and Undergraduate Students interested in Robotics at UTA Research Institute (UTARI)

The Next Generation Systems (NGS, http://ngs.uta.edu) group at UTA seeks exceptional B.S. and M.S. undergraduate and graduate students from the EE, MAE and CSE departments to participate in research activities in support of upcoming miniaturization and distributed intelligence revolution in robotics. We can provide support for qualified applicants in several technical areas. Graduate students will be offered unique opportunities to get familiar with cutting edge research challenges in robotics, and will be able contribute to scholarly research in the field lead to a thesis. Undergraduates will be offered the unique chance to learn about robotics research, thus increasing their chance for admission in prestigious graduate programs, at UTA or elsewhere.

Our exciting multidisciplinary research covers a wide variety of topics such as:

- Assistive robots
- Control of Humanoid Robots
- Autonomous microrobots
- Smart sensors and actuators
- Human-like robots with smart materials and sensors

And more!!!

Research opportunities associated with this scholarship are available in laboratories at the UTA Research Institute (UTARI). UTARI is UTA’s flagship organization for commercializing research and is located off-campus (http://www.uta.edu/utari).

Qualified applicants need to have and maintain a GPA in excess of 3.3, and must be enrolled in a COE B.S. program, or M.S. project or thesis during Fall 2012/Spring 2013/Summer 2013. Interested applicants should direct an application letter stating their academic and research interests in robotics field, and a copy of their resume and UTA transcript to Prof. Dan Popa, popa@uta.edu by Monday, October 1. Additional criteria for awarding support are:

1) Demonstrable, exceptional programming skills in Labview, MATLAB, and ROS.
2) Demonstrable, exceptional electronics design and prototyping aptitudes.
3) Demonstrable, past hands-on skills with sensors and/or robots.