

CONGRATULATIONS TO PROFESSOR YINGZI LIN FOR HER CAREER PROJECT AWARD

Yingzi Lin, Assistant Professor of the Department of Mechanical and Industrial Engineering, Northeastern University, has been awarded a NSF **CAREER** grant entitled “Bridging Cognitive Science and Sensor Technology: Non-intrusive and Multi-modality Sensing in Human-Machine Interactions”.

In this **CAREER** program, Prof. Lin will conduct investigation of multi-modal biosensing and cognitive inference paradigm for human-machine systems. Drawing upon bio-inspired cognitive concepts, Prof. Lin has identified a very important and nontraditional engineering topic on human-machine systems. The sensing and cognitive system will benefit various disciplines in which human-machine interaction is involved. Throughout this research program, Prof. Lin will establish a set of human-machine systems test-beds at Northeastern, which will result in huge impacts on public safety and human health.

The **CAREER** program will transfer research outcomes into education curricula for a wide variety of trainees, including graduate, undergraduate, K-12 students, and the general public. Interdisciplinary courses in human-machine systems and biosensing for undergraduate and graduate students will be developed at Northeastern.

<http://www.nsf.gov/awardsearch/showAward.do?AwardNumber=0954579>