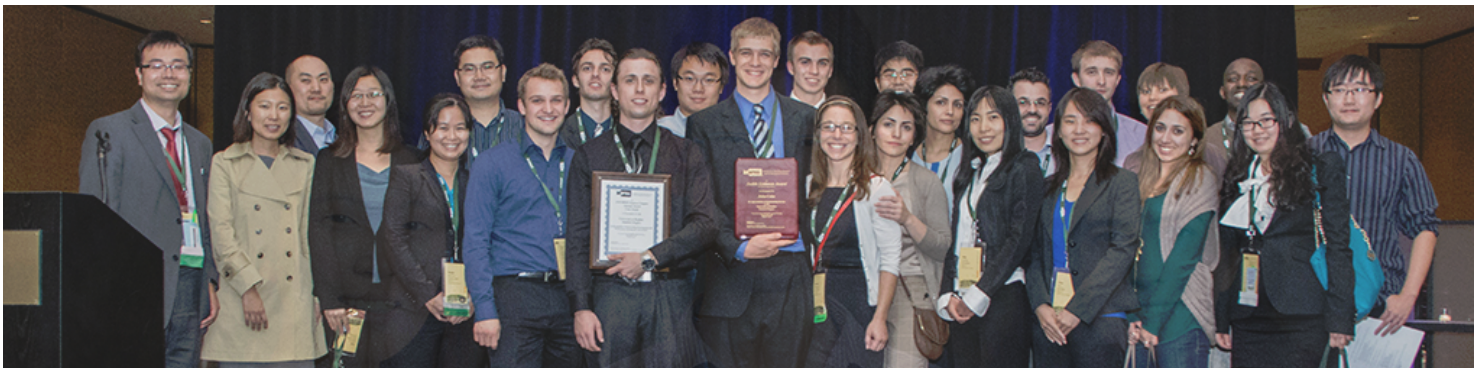

ISE Welcomes Three New Faculty

Human Factors Engineering/Ergonomics

Human factors focuses on the application of the sciences of engineering, physiology, psychology, ar and living environments with explicit consideration of the physical and mental characteristics of users mathematical modeling of visual search and decision processes in human inspection, human reliabi cognitive engineering, operator training, productivity improvement in manufacturing systems, manual are typically drawn from various fields in engineering, as well as from the behavioral and health scier

The Department of Industrial and Systems Engineering at the University at Buffalo has a long history human factors. It has always seen its role as integrating human factors into the broader context of de one of the few human factors graduate programs offered within an engineering school to be accredit Society. Read more about HF at UB here.

Sponsored human factors engineering research is funded by such agencies as the U.S. Air Force, tl Science Foundation, the National Institute for Occupational Safety and Health, the National Institute fo the National Institutes of Health, as well as national and local corporations. Our research domains ex service industries. Our interdisciplinary work not only solves applied problems, but also enriches our body, as evidenced by our award-winning student chapter of the Human Factors and Ergonomics So factors positions in academic institutions, federal laboratories, and national corporations.

Specialization in Human Factors/Ergonomics Students take two fundamental research courses, courses: *Fundamental Research Courses (6 credits):* IE 531 Research Methods (3 credits) IE 507

Content Courses (Choose at at least 3): IE 532 Human Information Processing IE 535 Human-Com Safety IE 536 Physiological Foundations of Human Factors