

Department of Electrical and Computer Engineering

Faculty Research Interests by Name

<u>Faculty Member</u>	<u>Research Interests</u>
Awad, Selim	DSP, education technology, distance learning
El Kateeb, Ali	Reconfigurable computing, sensor networks
Kim, Taehyung	Power electronics, motor drives, hybrid electric vehicles
Lakshmanan, Shridhar	Signal and image processing
Mi, Chris	Power electronics, intelligent vehicle power networks, sensors, actuators
Miller, John	Machine vision systems, image processing
Murphey, Yi Lu	Character segmentation and recognition, pedestrian and vehicle detection and tracking, vision inspection, intelligent power management
Natarajan, N.	Hybrid and electric vehicles
Richardson, Paul	Real-time networks, vehicle communications and control, reliability of vehicle networks
Shaout, Adnan	Fuzzy logic and industrial applications, embedded software
Shridhar, Malayappan	Speech and image processing, pattern recognition
Watta, Paul	Artificial neural networks
Xiang, Weidong	Software radio, smart antenna, OFDM, MIMO, wireless LAN
Zhao, Dongming	Image processing and machine vision