

Individual Research Grants and Contracts

Received June 2 through August 30, 2005
Accepted by the Board of Trustees September 16, 2005

Aslam, Dean M; Kempel, Leo C; Mason, Andrew J; \$71,771; Wireless Integrated Microsystems; University of Michigan

Aslam, Dean M; Kempel, Leo C; Mason, Andrew J; \$385,727; Wireless Integrated Microsystems; University of Michigan

Asmussen, Jes; \$31,216; Fraunhofer Research Center for Coating and Laser Applications; Fraunhofer USA

Asmussen, Jes; \$33,125; Fraunhofer Research Center for Coating and Laser Applications; Fraunhofer USA

Asmussen, Jes; \$46,618; Fraunhofer Research Center for Coating and Laser Applications; Fraunhofer USA

Asmussen, Jes; \$48,171; Fraunhofer Research Center for Coating and Laser Applications; Fraunhofer USA

McGough, Robert J; Kempel, Leo C; Balasubramaniam, Shanker; \$232,085; Thermal Therapy with Hybrid RF/US Phased Arrays; NIH/PHS

Mukkamala, Ramakrishna; \$214,500; Continuous Cardiac Output Monitoring by Peripheral Blood Pressure Waveform Analysis; Amer Heart Association

Mutka, Matt W; Computer Science & Engineering; **Xi, Ning;** Electrical & Computer Engineering; \$12,000; Development of an Infrastructure for Real Time Super Media over the Internet; NSF

Peng, Fang Zheng; \$53,312; Z-Source Topology for the Entire Circuit Spectrum of Power Conversion; NSF

Peng, Fang Zheng; \$50,000; Z-Source Power Inverter for HEV and FCV Traction Drives; Oak Ridge National Lab

Rothwell, Edward J; Kempel, Leo C; \$50,000; Modeling of Automotive Antennas in a Vehicle Environment; Delphi Research Labs

Rothwell, Edward J; \$25,000; Novel Londe Waveguide Designs for in Situ Measurement of Complex Materials; Universal Technology Corporation

Rothwell, Edward J; \$6,700; Novel Londe Waveguide Designs for in Situ Measurement of Complex Materials; Universal Technology Corporation

Udpa, Lalita; \$68,484; Automating Inspection of Aircraft Skins Using the Moi; Iowa State University

Udpa, Lalita; Udpa, Satish; \$122,200; Model Assisted Inspection Methods for Aging Aircraft; Universal Technology Corporation

Xi, Ning; \$40,000; General Research Gift; Ford Motor Company

Xi, Ning; \$12,000; Career: Intelligent Planning and Control of Robotic Systems in a Perceptive Frame; NSF