

## Individual Research Grants and Contracts

Received November 22, 2006 – February 9, 2007

Accepted by the Board of Trustees February 23, 2007

- Asmussen, Jes**; \$16,274; Fraunhofer Research Center for Coating and Laser Applications; Fraunhofer USA
- Asmussen, Jes**; \$53,671; Fraunhofer Research Center for Coating and Laser Applications; Fraunhofer USA
- Asmussen, Jes**; \$125,101; Fraunhofer Research Center for Coating and Laser Applications; Fraunhofer USA
- Balasubramaniam, Shanker**; \$24,885; Advanced Installed Aperture Design Tool for Sensor Platforms; Berriehill Research Corp.
- Hogan, Tim; McCracken, John L; Schock, Harold; Case, Eldon D; Mahanti, S D**; \$85,779; Development and Application of High Efficiency Thermoelectric Materials for Power Generation; USDN
- Hogan, Tim; McCracken, John L; Schock, Harold; Case, Eldon D; Mahanti, S D**; \$96,690; Development and Application of High Efficiency Thermoelectric Materials for Power Generation; USDN
- Hogan, Tim; Schock, Harold; Peng, Fang Zheng; Case, Eldon D; Kanatzidis, Mercouri**; \$150,000; Thermoelectric Conversion of Waste Heat to Electricity in an IC Engine Powered Vehicle; US Dept of Energy
- Kempel, Leo C**; \$120,000; RF Polymer Research - II; Air Force Office of Scientific Research
- Kempel, Leo C; Rothwell, Edward J**; \$40,000; Research Gift for Harmonic Radar Corrosion Detection; Dow Chemical Co
- Kempel, Leo C; Rothwell, Edward J**; \$50,000; Short-Pulse Radar Enabling Technology (SPRET); ITT Industries
- Li, Tongtong**; \$100,000; Capacity Enhanced Random Access Protocols; NSF
- McGough, Robert J**; \$12,899; Hyperthermia and Perfusion Effects in Cancer Therapy; Duke University
- Oweiss, Karim G; Jin, Rong**; \$124,989; Mining Large-Scale Neural Ensemble Recordings; NIH/PHS
- Pierre, Percy**; \$2,000; The Sloan Scholars Program; Alfred P Sloan Found
- Rothwell, Edward J; Biswas, Subir Kumar; Ramuhalli, Pradeep; Cheng, Betty**; \$27,562; ASET: Aerospace Enabling Sensor Technologies; Clarkson Aerospace Corporation
- Rothwell, Edward J; Biswas, Subir Kumar; Ramuhalli, Pradeep; Cheng, Betty**; \$27,563; ASET: Aerospace Enabling Sensor Technologies; Clarkson Aerospace Corporation
- Rothwell, Edward J**; \$65,800; Londe Waveguide Designs for in Situ Measurement of Complex Materials; Universal Tech. Corp.
- Strangas, Elias; Peng, Fang Zheng; Schock, Harold**; \$2,425,851; Development and Demonstration of a Low Cost Hybrid Drive Train for Medium and Heavy Duty Vehicles; MEDC
- Xi, Ning**; \$10,000; Research and Development on Robot Calibration; ABB Automation Inc
- Xi, Ning**; \$40,000; Research and Development on Robot Calibration; ABB Automation Inc
- Xi, Ning**; \$9,000; General Research Gift; PPG Industries Inc