

2007-2008 Industrial & Economic Development Research (IEDR) Grant Recipients		
Suman Banerjee	Computer Sciences	Towards Cost Effective Design and Management of City-Wide Wireless Grids
David Beebe	Biomedical Engineering	HTS Microfluidics for Cardiac Screening
Sean Fain	Medical Physics	Device for MRI-Guided Biopsy and Therapy of Breast Cancer
Kreg Gruben	Kinesiology	Foot Force Direction Training for Rehabilitation and Fitness
Robert Hamers	Chemistry	Carbon Nanofiber Supercapacitors and Supercapacitor-Battery Hybrid Devices
Richard Hartel	Food Science	Development of Biophysically-Based Fluids for People with Swallowing Disorders
Song Jin	Chemistry	Enabling Atom Probe Tomography Using Silicon Nanowire Arrays as Microtips
Krishna Kurpad	Radiology	Focused RF Heating Mechanism for Thermoacoustic Tomography
Mary Beth Meyerand	Biomedical Engineering	Using Functional MRI to Study Balance Control in the Human Brain
Michael Oliva	Civil & Environmental Engineering	Durable Fiber Reinforced Polymer Connections for Precast Concrete Structures
Jorge Osorio	Pathology & Laboratory Medicine	Recombinant Vaccines Against Avian Influenza Viruses
Sean Palecek	Chemical & Biological Engineering	Microwell Stabilization of Human Embryonic Stem Cells
Susan Paskewitz	Entomology	Evaluation and Improvement of Novel Traps for Mosquitoes and Other Insects
Lloyd Smith	Chemistry	SPR Compatible Carbon Thin Films for Microarray Fabrication and Analysis
Jon Thorson	Pharmaceutical Sciences	A Strategy for Glycorandomization Automation
Kevin Turner	Mechanical Engineering	Development of a Nanomechanical Method Characterizing Single Cell Adhesion
Orhan Unal	Radiology	Multi-Mode MR Intravascular Probes with RF Ablation Capability
John Yin	Chemical & Biological Engineering	Microfluidic Virus Infection Assays