Amount: \$142,835 Co-PI:

# Maximizing Manipulation Capabilities of Persons with Disabilities Using a Smart Wheelchair-Mounted Robotic System

Amount: \$1,389,364 Co-PI:

## Rehabilitation Engineering and Technology Program

Amount: \$50,000 Co-PI: Sundarrao, Stephen

#### Technology and Assessment of Drive-by-Wire Systems

Amount: \$212,194 Co-PI: Coovert, Sally; Hess, Melinda

## Holistic Numerical Methods: Unabridged

Amount: \$39,160 Co-PI:

#### Center for Nanobiotechnology Research (ONBR)

Amount: \$110,570 Co-PI:

# COALI: Study of Reliability and Modeling for Process Optimization and Yield Improvements in Chemical Mechanical Planarization

Amount: \$95,810 Co-PI: Bhansali, Shekhar; Weller, Thomas

## NIRT: Synthesis and Applications of Nanocrystalline Diamond Films for MEMS' Biomedical Applications

Amount: \$30,000 Co-PI:

#### Thin Film Diamond for Thermal Management of High Power Devices

Amount: \$7,739 Co-PI: Katkoori, Srinivas

# Modeling and Design of a MEMSMicropump

Amount: \$134,101 Co-PI:

Experimental and Computational Investigation of Fracture Patterns in Thin Films and Multilayers