

2017-18 Projects

Industrial and Systems Engineering

- The Impact of Time Constraint on Non-Unique Color Coding
- 54” Radiator Cooling Fan Value Stream Map
- Automatic Revenue Comparison Tool
- Intravascular Catheter Selection
- Contract Optimization/Comparison Tool
- University of Cincinnati Health Department of Dermatology No-Show Mitigation

Biomedical Engineering

- Pediatric Oral Sensory Device Measuring the Chewing Development of Young Children
- Prosthetic Socket Layer Analyzer
- Wireless Anthropomorphic Hand Model for Applications in Biomimetics
- An Investigation of Navigation Support Systems for Low-Vision Persons on WSU Campus
- Quality Control for NeuroMod Stimulators
- Simultaneous EEG Recording and Transcranial Electric Stimulation
- Intracranial Pressure Monitoring Training Tool for Critical Care Air Transport Teams
- Development of Automated Inflatable Hip Protector Garment
- Mobility Alert Shirt
- Real-Time Performance Tracking System Application for Wheelchair Track Athletes
- Dual Modality EEG and fNIRS Headset for Comprehensive Measurement of Cerebral Activity
- Portable Electrospinner for Wound Repair