SHOWCASE & SHARK TANK

December 10
2:30 – 7:30 PM

Zayed 2117 & 2119 A
Johns Hopkins Hospital

2:30 – 3:00 PM
WELCOME REMARKS

3:00 – 4:00 PM
KEYNOTE SPEAKER
Sue Van
President & CEO of Wallace H. Coulter Foundation

4:00 – 4:15 PM
BREAK

4:15 – 5:30 PM
SHARK TANK!
Industry experts challenge CBID MSE student teams on their medtech projects. Will they survive the shark attack?

5:30 – 7:30 PM
PROJECT SHOWCASE
Reception

Project Showcase
Feature Mid-year Design Project Progress

CBID MSE Projects
- Preventing Ileostomy Leaks
- Improved Method for Chronic Wound Care and Management
- Non-invasive Intracranial Pressure Monitoring
- Increasing Insulin Sensitivity in Patients with Type II Diabetes

CBID Undergraduate Projects
- Reducing Operating Room Complications Associated with Single Lung Ventilation
- Preventing Pedicle Probe Injuries during Spinal Fusion Surgeries
- Effective collection of cervical and ovarian cells for cancer screening
- Vaccine transport
- Effective Removal of Transbronchial Parenchymal (TTBx) Biopsies for Clinical Diagnosis
- Improving Techniques and Methods for Vaginal Exams and Treatments
- Accurate Variable Measurement of Respiratory Rate
- Real-time Monitoring of Contraction Strength and Frequency for Low-Resource Settings
- Negative Pressure Ventilation for Neonates
- Controlling pre-hospital junctional hemorrhage in trauma patients
- Effective Wearable Cardioverter Defibrillation

With generous support from:
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cbid.bme.jhu.edu
cbid@jhu.edu