Design Day 2014

TUESDAY, MAY 6 • 10 AM – 5 PM
Armstrong Building

KEYNOTE SPEAKER:
Sue Van
PRESIDENT & CEO OF WALLACE H. COULTER FOUNDATION

MEDTECH PROJECTS

- Improving Respiratory Health in Critical Care Patients
- Improved Method for Chronic Wound Care and Management
- Non-invasive Intracranial Pressure Assessment
- Novel Device-Based Treatment for Type 2 Diabetes
- Reducing the Risk of Complications Associated with Single Lung Ventilation
- Preventing Pedicle Probe Injuries during Spinal Fusion Surgeries
- Effective Collection of Biliary Tract Cells for Cancer Screening
- Effective Removal of Transbronchial Parenchymal (TTBx) Biopsies for Clinical Diagnosis
- Improving Access in Vaginal Surgeries
- Respiratory Rate Measurement Device for Emergency Department Triage
- Continuous Negative Extrathoracic Pressure for Neonates
- Controlling Pre-hospital Junctional Hemorrhage in Trauma Patients
- A Novel Wearable Cardioverter-Defibrillator

GLOBAL HEALTH PROJECTS

- Neonatal Hypothermia Detection
- Fetal Heart Rate Monitor
- HemoGlobe- Community-based, Non-invasive Screening Device for Maternal Anemia in the Developing World
- Detection and Treatment of Patients with Bradycardia in Low Resource Settings in the Developing World
- Uterine Contraction Monitoring in Low Resource Settings toward Improving Labor Management
- Facilitating Controlled Temperature Chain Strategies for Last Mile Vaccine Transport

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