

Friday, April 26, 2024

Design Day Program at the Boyd Law Building (BLB)

8:30 – 9:30 AM

Group A Presentations – 295 BLB

Remote Physical Therapy Guidance Device (Team 10)
Reducing Vibration in the Hand During Long Distance Cycling (Team 11)
Safer Clipless Bike Pedals (Team 12)

8:30 – 9:30 AM

Group B Presentations – 235 BLB

Aquablation Optimization (Team 5)
Teaching Hearing Easy (Team 8)
Interface for Automated OCT Analysis and Reporting (Team 20)

9:30 – 9:45 AM

Short Break

9:45 – 10:45 AM

Group A Presentations – 295 BLB

Knee Brace for Patients with Limited Quadricep Function (Team 13)
Visual and Mobility Deficit Assistance with a Walker (Team 16)
Lever-Driven Wheelchair Attachment (Team 7)

9:45 – 10:45 AM

Group B Presentations – 235 BLB

Device Assisting Idiopathic Scoliosis Imaging Effectively & Safely (Team 2)
Improving ABUS Diagnostic Imaging For Breast Cancer Screening (Team 4)
Automation of the EX3 Stepper (Team 18)

10:45 – 11:45 AM

Group A Review of Prototypes – Central Lobby

10:45 – 11:45 AM

Group B Review of Prototypes – West Lobby

12:00 – 12:45 PM

Lunch Break

12:45 – 1:45 PM

Group C Presentations – 295 BLB

Limb Ischemia Prevention in pVA-ECMO Patients (Team 22)
Adjustable Rigidity Guide Catheter for TAVR Procedures (Team 1)
Lighted Retractor for Breast Cancer Surgery (Team 3)

12:45 – 1:45 PM

Group D Presentations – 235 BLB

Deformable Lung Model for Mechanical Ventilation Research (Team 19)
Improving Cell Loading on Hydrogels (Team 14)
Redesigned Dental Isolation Frame (Team 21)

1:45 – 2:00 PM

Short Break

2:00 – 2:40 PM

Group C Presentations – 295 BLB

Dual-Lumen Handle for Inguinal Hernia Repairs (Team 9)
Air Removal from the Stomachs of Patients with PEG Tubes (Team 15)

2:00 – 2:40 PM

Group D Presentations – 235 BLB

Improving Minnesota Tube Insertion Training (Team 6)
Adaptable Below-the-Knee Pediatric Prosthesis (Team 17)

2:40 – 3:40 PM

Group C Review of Prototypes – Central Lobby

2:40 – 3:40 PM

Group D Review of Prototypes – West Lobby