

## Student Posters

### **Comparing the Mechanical Properties of Synthetic and Natural Rubber in Hair Ties**

Emily Yuan, B.S. Mechanical Engineering, 2022

**Location:** B1

### **Effect of Skin Temperature on Basketball Dribbling Control**

Brendt Stephens, B.S. Mechanical Engineering, 2022

**Location:** B2

### **The Impact of Effort on a Baseball Throw**

Jonah Scott, B.S. Mechanical Engineering, 2022

**Location:** B3

### **How to Win in Arm Wrestling**

Naomi Lutz, B.S. Mechanical Engineering, 2022

**Location:** B4

### **Should You Yell During A Discus Throw?**

Nathan Basinger, B.S. Mechanical Engineering, 2022

**Location:** B5

### **Relationship Between Upperbody and Angle of Soccer Shot**

Ethan Lietch, B.S. Mechanical Engineering, 2022

**Location:** B6

### **Motion Analysis of Elite Snowboarders in the Halfpipe**

Allison King, B.S. Mechanical Engineering, 2022

**Location:** C1

### **SmartPolyethylene in Functional Fashion**

Alejandro Martinez, B.S. Mechanical Engineering, 2022

Karo Buttler, B.F.A. Fashion Design, 2022 (FIT)

Kenneth Espinosa, B.F.A. Fashion Design, 2021 (FIT)

Julia Chatterjee, B.S. Mechanical Engineering, 2022

**Location:** C2

## Student Posters Continued

### **Arm Angle and Jump Force on Basketball Shot Distance**

David Ologan, B.S. Mechanical Engineering, 2022

**Location:** C3

### **Running Style Effect on Force and Muscle Activity**

Rebecca Sholler, B.S. Mechanical Engineering, 2022

**Location:** C4

### **Effect of Barefoot Running on Foot Force Distribution and Form**

Alexandra Reinhart, B.S. Mechanical Engineering, 2021

**Location:** C5

### **A Mechanical Auto-Belay Device for Lead Rock Climbing**

Max Kessler, B.S. Mechanical Engineering, 2020

Dorothy Szymkiewicz, B.S. Mechanical Engineering, Biomedical Engineering, 2020

**Location:** C6

### **Circular Design for the Athletic Footwear Industry**

Leslie Yan, B.S. Mechanical Engineering, 2020

Emily Genevriere, B.S. Mechanical Engineering, 2020

Sonja Feaster, B.F.A. Textile Design, 2021 (FIT)

Max Kitabayashi, A.A.S. Fashion Production, 2018 (FIT)

**Location:** D1

### **Elbow Angle and Bicep Fatigue**

Ria Sonecha, B.S. Mechanical Engineering, 2022

**Location:** D2

### **Optimal Running Foot Strike**

Catalina Romero, B.S. Mechanical Engineering, 2022

**Location:** D3

### **Investigating Solutions to Flat Light in Professional Skiing to Optimize Performance**

Jessica Sonner, B.S. Mechanical Engineering, 2022

**Location:** D4

## Student Posters Continued

### **SVETEX: Sustainable, Multi-functional Smart Polyethylene Based Fibers and Fabrics for Athletic Gear**

Tess Engst-Mansilla, B.S. Mechanical Engineering, 2023

Andrea Lehn, Ph.D. Candidate, Mechanical Engineering

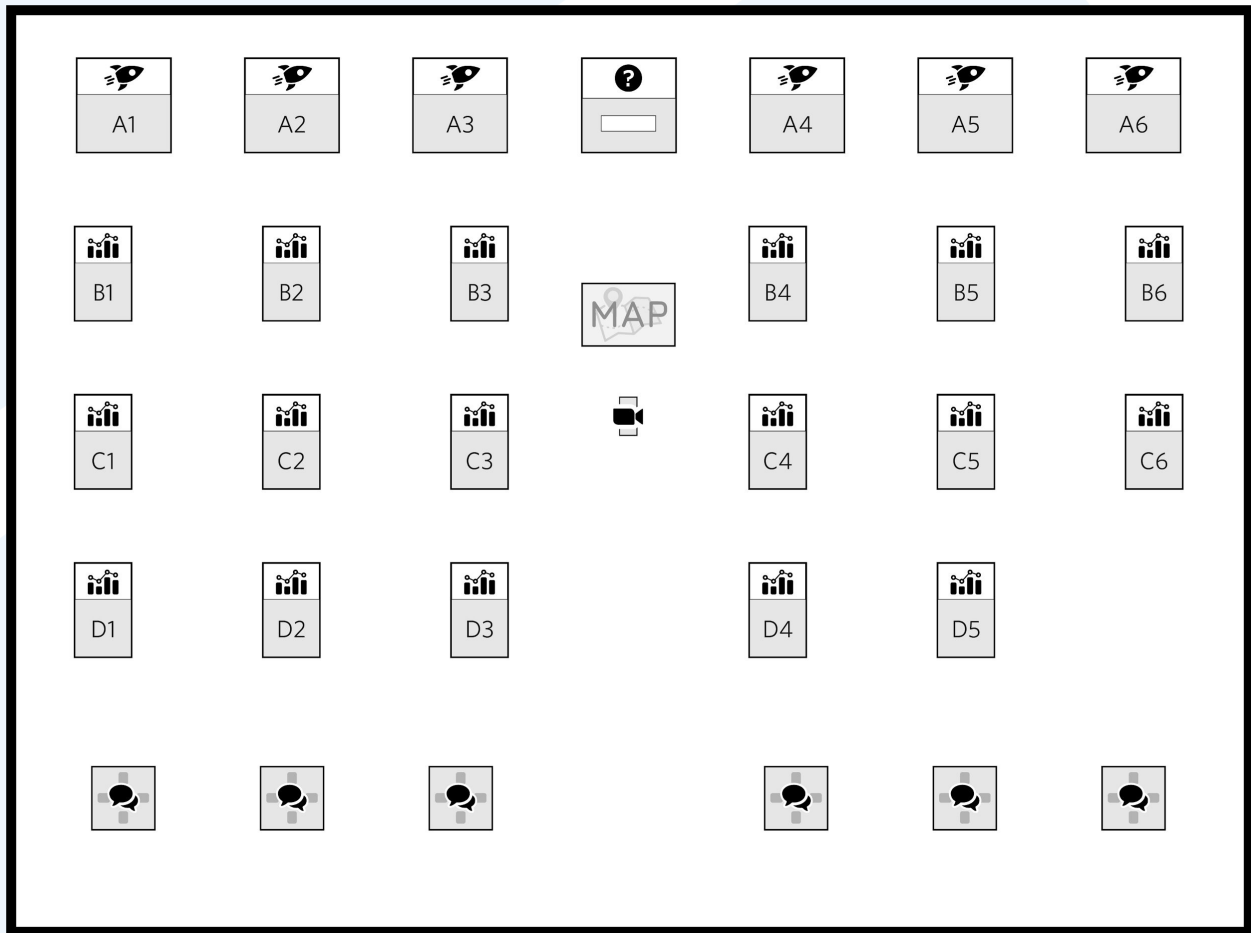
Morgan Blevins, Ph.D. Candidate, Mechanical Engineering

Aline Vargas Manriquez, B.S. Mechanical Engineering, 2021


Maren Cattonar, Research Affiliate MIT

**Location:** D5

## Map & Legend




 Startup Booths

 Research Posters

 Conversation Tables

 Help Desk

 Zoom Portal