

# March 20th, 2024 5th Annual Undergraduate Research Pitch Competition

### KASHYAP AKKINAPALLY

Examining the Implication of Delta-Like 1 Intracellular Domain Over-expression on Muscle Stem Cell Differentiation

#### **ADITYA ARJUN ANIBHA**

Autonomous Asteroid Navigation via Optical Images

#### SHAWN BELONGIA

Hybrid Lithiation Mechanism in Hard Carbon Enables Ultrasafe Semisolid Fire Retarding Electrolyte in Lithium–ion Batteries

#### AMELIA BINAU

Dark Matter Direct Detection: Next Steps in Probing the Dark Universe

#### **EVAN COBLENTZ**

Designing, Implementing, and Evaluating a Sex Trafficking & Domestic Violence Training Program for Licensed Salon Professionals in Indiana

#### RIDDHI GUPTA

Impact of Generative AI on Education & Research

#### ABIGAIL HEPPELMANN

Al-Supported Personal Ultrasound to Improve Maternal
Outcomes

## **HURSHAL POL**

Got the Jitters? It might be PFAS Induced Hyperactivity...

# JUNIPER RODRIGUEZ

Exploring Collective Adaptation through Evolving Partisan
Networks of Political Discourse

#### HANNAH WILLIAMSON

The Impact of Climate Change on Texas' Economy

