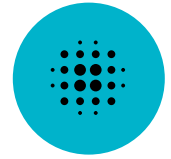


2020 UNDERGRADUATE RESEARCH CONFERENCE



12:00 -
12:50 PM

Friday, April 24, 12-4pm
Google Hangouts Meet

Healthcare & Human Behavior

Moderators: Selene Cerankosky & Karoline Betteridge

MORGAN BEATTY*

In Vitro Testing for the Safety and Wound Healing Capabilities of an Enema containing a Natural Product with Antiviral Properties

ALLISON AYERS

The Lived Experience of Pediatric Mental Health Providers

JACOB MAST*

Are You Going Blind? Accuracy of Tonometers: An Updated Meta-Analysis

JACOB KING*

An Analysis into the Predictor Variables Influencing an Individual's Retirement Decision

12:00 -
12:50 PM

IT

Moderators: Colton Wenrick & Danielle Wicklund

COURTNEY VASIL

Women in IT

ANNA CONOVER

Uber Trojan Attack

JACOB HALL*

Creating a Block-Cipher-Based Encryption Algorithm

DANIELLE HOLMES

Tracking Technology for Medical Devices: Is it Worth it?

**12:00 -
12:50 PM**

Business

Moderators: Mirna Sarjanovic & Brittany O'Connell

VICTORIA YEANY*

A Positive Approach to Engagement: The Interaction Between Personality, Positive Psychology, and Employee Engagement Levels

BRITTANY CLAYBAUGH*

Mon Valley Event Venue Marketing Plan: A Public Relations Approach

KAYLA CARBERT*

Perceived Trustworthiness of the Micro-Influencer

EMILY BARCHEY*

The United States and Australia: An Analysis of the Pension Plan Systems and Superannuation

1:00 - 1:50 PM

American & World History

Moderators: Danielle Wicklund & Amanda Linn

BREANNA MCCANN

Now or Have Ever Been: The Politics of Films of the Hollywood Blacklist Era

JORDAN REDINGER*

The Savage Myth and its Impact on American Indian Imagery

CHRISTOPHER MICKSKY

Miedzymorze: Foreign Troubles and the Partitions of the Polish-Lithuanian Commonwealth

ALEX FOTIA

Closing Pandora's Box: A Call for Nuclear Disarmament

1:00 - 1:50 PM

The Press, Writing, & Literature

Moderators: Skyler Kutzner & Karoline Betteridge

KARA BLUM

Analysis of the Press and Vietnam

ALLISON HARNSBERGER*

Devouring La Dolce Vita: Combining Research, Food, & Study
Abroad Vlogging

MEGAN DINATALE*

Dumbledore Exposed: The Unexpected Manipulator in Harry Potter

2:00 - 2:50
PM

Elections

Moderators: Selene Cerankosky & Taylor Pannett

KRISTEN DAVIS

Implementation of Ranked-Choice Voting in the United States

DONALD POLLACK

How Would Alternative Electoral Systems Have Affected Past U.S.
Presidential Elections?

SAMANTHA MEDASIE*

The Sunk Cost Effect and its Impact on Voting Behavior in American
Presidential Elections

SYLVIA DAWSON

Libertat Presos Politics! The Catalans Unjustly Incarcerated for
Nearly a Century for a Vote

**2:00 - 2:50
PM**

The Environment & Waste

Moderators: Skylet Kutzner & Mia Krolczyk

JESSICA SALES*

Say No to Food Waste: Evaluation of a Food Waste Education Campaign in a University Dining Hall

GULNOZA TURSUNOVA

Policy Implementation to Reduce Household Waste

CALEB ARMSTRONG*

Application of Various Machine Learning Models to Predict Harmful Algae Bloom Occurrence around Presque Isle in Lake Erie

ALLISON PETRICK*

The Potential of Soil Microbes to Produce New Antibiotics

**2:00 - 2:50
PM**

Sport

Moderators: Keyshawn Andress & Brittany O'Connell

LINDSAY FETTERMAN*

Home Field Advantage: An Analysis of the Impact of Travel and Off Days on Major League Baseball

JESSICA WESOLOWSKY*

Analyzing Back-to-Back Game Performance in the National Hockey League

KALYSSA POTTGEISER*

The Effect of Self-Compassion on Perceived Performance in Male and Female Athletes

DALTON FAITH*

An Archer's Perception: Purchase Behaviors and Tendencies of Modern Archers

**3:00 - 3:50
PM**

Education

Moderators: Rebekah Wilford & Taylor Pannett

JIABI HE*

The Relationship between Social Class and Chinese Undergraduate Students' Ego-Identity Status

EVAN NOKES*

An Analysis of Ethics Education in Undergraduate Accounting Coursework

LAUREN MCCREA

Does Context Matter? A Hands-On Approach to Learning Data Analytics

DAKOTA STALEY*

The Changing World of Title IX: One Campus' Response

**3:00 - 3:50
PM**

Engineering

Moderators: Kaden Mahsoob & Jonathan Hall

NICHOLAS DODDS & CAITLIN WORKMASTER

Adapting Additive Manufacturing Technologies for Orthotics and Prosthetics

RACHEL ROOS*

Laser Welding for the Manufacturing of Plastic Biomedical Devices

MITCHELL DOLNEY, TANNER MILLS, & NICK KIDD

Designing a Cargo Airplane

*HONORS SENIOR THESES

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