

# UE Student Research and Honors Symposium

April 17, 2024 // Eykamp 251 & 252

## 9:00-10:00 – Eykamp 251

“Bringing the Faux Flower Section to Life: A Director-Facilitated Collaboration and Process for *A Bright New Boise*”  
**Bradley Baumhover**

“*Glossolalia*: Transcending the Page Through Workshop and Staged Reading”  
**Christina Jesenski**

“A Reflection on *POTUS: Or Behind Every Great Dumbass are Seven Women Trying to Keep Him Alive*”  
**Avery Finn**

## 10:00-11:00 – Eykamp 251

“The John David Lutz Theatre Lab Name-a-Seat Development Campaign”  
**Abigail Marlin**

“*You Make My Life So Easy*: A Comprehensive Jazz Production”  
**Luke Robertson**

“AI Sign Language Interpreter to Text to Speech”  
**Jade Nguyen**

## 11:00-12:00 – Eykamp 251

“The Effects of Music Therapy on Dementia, Alzheimer’s Disease, and Memory”  
**Elizabeth Stainback**

“Platinum-Based Chemotherapeutics: Unraveling the Cellular Mechanism of Cisplatin, Cellular Responses, and Future Direction of Cancer Treatment”  
**Rafay Karim**

“Ligand/Receptor Docking Simulations for 11Beta-Hydroxysteroid Dehydrogenase”  
**Olivia Oliver**

## 11:00-12:00 – Eykamp 252

“Procedural Generation of Harmonic Information with Wave Function Collapse and Deep Learning Techniques”  
**Aaron Tucker**

“Unveiling the Potential of Artificial Intelligence in the Diagnosis of Anxiety and Depression: Bridging Gaps & Ethical Considerations”  
**Tiffany Martindale**

## 12:00-1:00 – Eykamp 251

“Impact of Culturally Responsive Pedagogy in the Classroom”  
**Zoe Frossard**

“Chromatic Influence: Investigating the Psychological and Physiological Effects of Colors on Human Behavior, and Examining the Therapeutic and Educational Applications of Color Psychology”  
**Mohammad Javad Dehghan**

**1:00-2:00 – Eykamp 251**

“The Effects of Gay Hookup Culture on Self-Perception: A Sexual Objectification and Self-Dehumanization Analysis”

***Dalton Lampert***

“Incrementing Reinforcement Schedules in Unsignaled Active Avoidance Tasks Shows Evidence of Sexually Dimorphic Effects”

***Zorah Mehrzad and Dalton Lampert***

“Text Extraction and Classification for Automated Balance Sheet Data Entry from Form 1120”

***Andrew Thompson***

**1:00-2:00 – Eykamp 252**

“COVID-19 Detection Using Deep Learning on Lungs X-Ray Scans”

***Abdelrahman Elaraby***

“Enhancing Blackjack Gameplay Through Computer Vision: A Pygame Implementation”

***Jaylin Conley***

“EMG Classification and Motion Prediction Using Artificial Intelligence”

***Ghaya Mtimet***

**2:00-3:00 – Eykamp 251**

“Exploring the Impact of Country-Level Resource and Financial Expenditure on Non-Communicable Disease Prevalence on a Global Scale”

***Makayla Gomperts***

“Deer Browsing and a Recalcitrant Layer of Pawpaw Increase Mortality and Decrease Growth of Saplings”

***Brad Schulte***

“Sar1, a GTPase Involved in COPII Vesicle Trafficking, is Critical for Drosophila Oogenesis”

***Makayla Gomperts***

**3:00-4:00 – Eykamp 251**

“The Importance of Holistic Patient-Centered Care for People Experiencing Homelessness and Mental Illness”

***Izzy Stapp***

“Standardized Testing: The Impact on Students’ and Teachers’ Mental Health”

***Ashton Wilson***

“More than the Birds and the Bees: The Future of Sex Education”

***Phoebe August***

**4:00-5:00 – Eykamp 251**

“Harry Potter and the Magic of Teaching: A Study of Archetypes and Classroom Effectiveness”

***Jordan McKinney***

“Discover, Read, Grow: Multilingual Books for Multicultural Kids”

***Gabrielle Hardoin***

“Mercuralia: A Travel and Mythos Inspired Poetry Chapbook”

***Alexis Carpenter***