Honors Senior Thesis Presentations

Reception in Centro Atrium 12:30 p.m.  
Presentations Begin at 1:00 p.m.

Panel 1 – 1:00-2:15 p.m. / CNMH 075
Lauren Henry
“Polycystic Ovarian Syndrome (PCOS) Genetic Origins”
Advisor: Dr. Caroline Doyle

Elena Cseh
“Evaluation of the Antidiabetic Potentials of the Plants Erodicyon californicum, Lomatium dissectum, and Verbascum Thapsus”
Advisor: Dr. Savita Chaurasia

Elyse Frye
“TFM Chalcone as a Treatment for Cancer”
Advisor: Dr. Amanda Krzysiak

Panel 2 – 1:00-2:15 p.m. / CNMH 081
Correna Tate
“Adult ADHD Online User Groups: Impact on Understanding One’s Identity and Diagnosis”
Advisor: Dr. Stella Kanchewa

Lauren Berck
“Young Children’s TV Show Preferences and Perceptions of Women in STEM”
Advisor: Dr. Christy Wolfe

Caroline Smith
“Looking For a More Effective Online Learning Experience: Accounting For Personality and Attention Ability”
Advisor: Dr. Courtney Keim

Panel 3 – 1:00-2:15 p.m. / CNMH 176
Sophie Amaya
“We’re like ghosts, but we have to be.’ Invisibility and liminality in Kentuckiana’s undocumented population”
Advisor: Dr. Francis Hutchins

Olivia Atkinson
“A Maze of Gender Expectations: The Impact of the Double Bind on Female American Presidential Candidates”
Advisor: Dr. Emily Bingham

Molly Rovinski
“The Political Economy of Border Wall Construction”
Advisor: Dr. Francis Hutchins

Panel 4 – 1:00-2:15 p.m. / CNMH 180
Andrea Doll
“A Socioeconomic Systems Read of Trauma in The Color Purple and The Bluest Eye”
Advisor: Dr. Conor Picken

Bruno Santic
“Using Sociolinguistics and Literary Studies to Understand Code-Switching within Works by Louise Erdrich”
Advisor: Dr. Kathryn West

Aditya Singh
“Peering Across the Filmic Cultural Boundary: An Analysis of Societal and Gender Representation in Once Upon a Time in the West (1968) and Sholay (1975)”
Advisor: Dr. Jennifer Barker
Panel 5 – 2:30-3:45 p.m. / CNMH 075
Annie Wamsley
“Digital Killed the Analog Star: An Evaluation of Copyright Law and its Effects on the Modern Jazz Musician”
Advisor: Professor Dave Clark

Luis Heard
“Onehitters: Form and Innovation in Poetry”
Advisor: Chris Mattingly, MFA

Anne Pearson
“Thomas Merton: A Dead White Monk as a Model for Modern Racial Justice Activism”
Advisor: Dr. Elizabeth Hinson-Hasty

Panel 6 – 2:30-3:45 p.m. / CNMH 081
Zoë Winters
“An Analysis of the Perceived Psychological and Physical Effects of a Physical Activity Program During In-Patient Pediatric Cancer Treatment”
Advisor: Dr. Beth Ennis

Lindsey Keller
“Perceptions of ACL Injuries in the Pandemic Shortened Season Among NCAA D1 Men’s Lacrosse Players”
Advisor: Dr. Chelsey Franz

Neville Wintergerst-Burch
“Midwifery Care’s Potential to Improve Birth Outcomes and Experiences for Black Women and Infants”
Advisor: Dr. Pamela Power

Panel 7 – 2:30-3:45 p.m. / Room: CNMH 176
Rachel Toll
“Factors that Influence the Racial Disproportion in Division I Men’s College Basketball”
Advisor: Dr. Francis Hutchins

Brianna Bragg
“Access Denied: Effects of Historical Policies on Black Health Disparities and the Role of Narratives in Health Policy”
Advisor: Dr. Jessica Hume

Aubrey Kirchhoff
“A Public Choice Perspective on the Regulation of Social Media”
Advisor: Dr. Aaron Hoffman

Panel 8 – 2:30-3:45 p.m. / CNMH 180
Conner Lynn
“Extracting DNA from Embalmed Tissue to Study Genetic Predisposition to Degenerative Disc Disease”
Advisor: Dr. David Porta

Claire Harper
“Characterization of Bisphenol-A (BPA) Sensitive Mutations Using the C. Elegans Model System”
Advisor: Dr. Mary Kroetz

Grace Staples
“Water Consumption Behavior’s Effect on Dental Health”
Advisor: Dr. Caroline Doyle

Panel 9 – 4:00-5:15 / CNMH 075
Ariel Becker
“The Relationship Between Non-Medical Prescription Stimulant Use, Academic Stress, Distress Intolerance, Impulsivity, Perfectionism, and Willingness Among College Students”
Advisor: Dr. Jean Lamont

Macy Berghoff
“The Effects of a Short Term Mindfulness Meditation Intervention on Arousal, Perceived Exertion, and Affective Responses to High Intensity Interval Exercise”
Advisor: Dr. Andrew Carnes

Anastasia Koester
“Associations Between Blue-Light Exposure, Sleep Quality, and Cognitive and Emotional Well-Being in College Students”
Advisor: Dr. Christy Wolfe
Panel 10 – 4:00-5:15 p.m. / CNMH 081

Jeremiah Zonio
“Finite Subdivision Rules for Matings of Quadratic Thurston Maps with Few Postcritical Points”
Advisor: Dr. Gregory Kelsey

Ethan Colbert
“Partial Automation of Data Analysis in a Z Prime Boson Search”
Advisor: Dr. Akhtar Mahmood

Evan Seely
“An Econometric Analysis of Collegiate Player Performance to Create a Model for Forecasting Contributions to Team Success”
Advisor: Dr. Michael Ackerman

Panel 11 – 4:00-5:15 p.m. / CNMH 176

Casey Wink
“A Call to Action: Juvenile Incarceration VS Restorative Justice “
Advisor: Dr. Kaitlyn Selman

Vicky Alcorn
“Forever: A Death Row Story”
Advisor: Dr. Zackary Ross

Kevin Haas
“Prison as Precautionary Versus Punishment”
Advisor: Dr. Zackary Ross

Panel 12 – 4:00-5:15 p.m. / CNMH 180

Rhianna Clemons
“The Effects of Increasing Ocean Temperature on Survivorship of a Subtropical Population of the Sea Urchin Arbacia punculata”
Advisor: Dr. Roberta Challener

Elisabeth Hernandez
“Great Lakes Rivermouth Wetlands: Impacts of Lake Levels and River Flows on Wetland Area”
Advisor: Dr. Martha Carlson Mazur

Reed Mullins
“Potential Mycobacteriophages in Soil Samples Near Beargrass Creek”
Advisor: Dr. Joanne Dobbins