



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 *Erodium 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 punctulata*”

Advisor: Dr. Roberta Challenger

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