Session 1: Arts & Letters

- **First prize:** Anastasia Thompson, *The Art of Death: A Look into the Lost Seventeenth-Century Baroque Polish Art of the Portret Trumienny – Coffin Portraits*
  Art History, Undergraduate
  Faculty Mentor: Rachel Miller
- **Second prize:** Ethan Hekker, *Who’s to Blame for This? Free Will Skepticism and the Error of Punitive Justice*
  Philosophy, Undergraduate
  Faculty Mentors: John Park and Garret Merriam

Session 2: Arts & Letters

- **First prize:** Mikaela Huang, *Structuralism in Literary Studies and the Role That It Plays in 2022*
  English, Graduate
  Faculty Mentor: Jonas Cope
- **Second prize:** Caitlyn Le, *Examining the Impact of a Class Hierarchy in America*
  English, Undergraduate
  Faculty Mentor: Hellen Lee

Session 3: Biological Sciences

- **First prize:** Abigail McInnes, *Investigating the Relationship between Aggression and Longevity in Fruit Flies*
  Biological Sciences and Chemistry, Undergraduate
  Faculty Mentor: Johannes Bauer
- **Second prize:** Olivia Sinclair, *The Effect of Egg Size and Female Parent Body Size on Fecundity in Substrate Spawning Cichlids in the Wild*
  Biological Sciences, Graduate
  Faculty Mentor: Ronald Coleman

Session 4: Biological Sciences

- **First prize:** Staci Rocco, *Analyzing the Early and Subsequent Events of Gene Amplification Mutation Formation Using a Model System in Acinetobacter baylyi*
  Biological Sciences, Undergraduate
Faculty Mentor: Andrew Reams

- **Second prize**: Joseph Yull, *Bisphenol A Differentially Impacts Neurodevelopment in Drosophila melanogaster from Distinct Genetic Backgrounds*
  Biological Sciences, Graduate
  Faculty Mentor: Kimberly Mulligan

Session 5: Engineering, Science & Math

- **First prize**: Alexander Ryan, *Injection Stratigraphy in the West Area of the Cat Canyon Oil Field, California*
  Geology, Undergraduate
  Faculty Mentor: David Shimabukuro

- **Second prize**: Adam Clapp, *Engineering Taxadiene Synthase for Improved Product Specificity to Enable a Microbial Host for Taxol Production*
  Chemistry, Undergraduate
  Faculty Mentor: Mary McCarthy-Hintz

Session 6: Engineering, Science & Math

- **First prize**: Laura Glaser, *3-D Modeling of Stratigraphy and Injection in the Cat Canyon Oil Field, California*
  Geology, Undergraduate
  Faculty Mentor: David Shimabukuro

- **Second prize**: Ethan Dreger, *Analyzing the Effects of Pluton Size and Composition on Schlieren-Bound Magmatic Structures in the Sierra Nevada, California*
  Geology, Undergraduate
  Faculty Mentor: Katie Ardill

- **Second prize**: Harjeet Gill, *Effect of Sample Alignment on Porosity Development and Mechanical Properties During Selective Laser Melting (SLM)*
  Mechanical Engineering, Alumnus
  Faculty Mentor: Alan Meier

Session 7: Social Sciences & Interdisciplinary Studies

- **First prize**: Ethan Roberts, *Discussing Differences: A Simple Activity to Foster Faculty Collaborations Across Diverse Disciplines and Institutions*
  Biological Sciences, Graduate
  Faculty Mentors: Kelly McDonald, Cathy Ishikawa, and Bailey Von der Mehden

- **Second prize**: Eric Pennino, *Demystifying Undergraduate Research Experiences to Increase Access and Equity for Four-Year and Community College Students*
  Biological Sciences, Graduate
  Faculty Mentor: Kelly McDonald
Session 8: Social Sciences & Interdisciplinary Studies

- **First prize**: Shelby Chandar and Ryan Crum, *Examining Faculty Use of Inclusive and Equitable Language Through the Lens of Course Syllabi*
  Kinesiology and Biological Sciences, Undergraduates
  Faculty Mentors: Sayonita Ghosh Hajra, Cathy Ishikawa, and Kelly McDonald
- **Second prize**: Ryan Harris, *Impact of Scientist Spotlights in Bio2*
  Mathematics and Statistics, Graduate
  Faculty Mentor: Joya Mukerji

Session 9: Education

- **First prize**: Prisila Isais, *Immigrant Parent Engagement*
  Doctorate in Educational Leadership, Graduate
  Faculty Mentor: Amber Gonzalez
- **Second prize**: Erica Walthall, *Exploring How Preschool Students with Disabilities Engage with Books That Feature Racially Diverse Characters*
  Teaching Credentials, Graduate
  Faculty Mentor: Eric Claravall

Session 10: Health & Human Services

- **First prize**: Samantha Conway, *Acute Physical Therapy Management of An Individual Following Posterior Fossa Hemangioblastoma Resection in The Context of Von-Hippel Lindau Disease*
  Physical Therapy, Graduate
  Faculty Mentor: Katrin Mattern-Baxter
- **Second prize**: Lauren Achen, Melissa Abramson, Alex Douglas, and Megan Rogers, *Effects of Communication and Language Problems on Anxiety and Depression Symptoms in TBI Patients Post-Injury*
  Communication Sciences & Disorders, Undergraduates
  Faculty Mentor: Tonia Davis

END.