

# 2025 Fall Undergraduate Symposium

November 12, 2025

## Schedule and Presenter Listing

### 1:00 PM – 2:30 PM Poster Presentation Session

#### Poster Research Excellence Award Finalists

- **Rachel Anderson**, Faculty Mentor: Ramesh Kumar Muralimanohar  
Title: *The Impact of Accelerated Speech on Comprehension in Young Adult Learners*
- **Parker Coffelt**, Faculty Mentor: Andrea James, PhD  
Title: *Spatial and temporal effects of vasculogenesis in CBD treated zebrafish embryos*
- **Camden Lane and Zuleima Garcia Chavez**; Faculty Mentor: Aaron Apawu  
Title: *Fast Scan Cyclic & Differential Pulse Voltametric Analysis of Paracetamol (Acetaminophen) & Ibuprofen in Pharmaceutical Formulations*
- **Joanna Pugliese**; Faculty Mentor: Joanna Lewis  
Title: *Extraneous load from typography during procedural training in virtual reality*
- **Misty Rae**, Faculty Mentor: Stephanie Linley  
Title: *Cognitive Flexibility In Rodents: Effects of Sex And Anxiety*
- **Jasmine Vork**; Faculty Mentor: Nancy Karlin  
Title: *AI vs Human Feedback: Effects on Self-Efficacy and Motivation*

#### General Poster Session

- **Arianna Coles and Cameron Ketchum**; Faculty Mentor: Stephen Mackessy  
Title: *Rattlesnake Venoms: Components, Diversity, Themes, and Antivenoms*
- **Hadley Everdeen**, Faculty Mentor: William D. Woody  
Title: *When Two Extremes Meet: A Study on Amplifying and Mitigating Influences of the Misinformation Effect in Eyewitness Testimony*
- **Anwei Forgues**; Faculty Mentor: Reid Hayward  
Title: *Heart Rate Variability in Cancer Patients Undergoing an Exercise Intervention*
- **Roddy Hunt**; Faculty Mentor: Caitlin Raaz  
Title: *Barriers to Access of Speech-Language Pathology Services in the Latine Community*
- **Emilia Kelly**; Faculty Mentor: Theoklitos Karipidis  
Title: *Mothers and Mental Health: Exploring Self-Efficacy, Postpartum Depression, and Positive Interventions in Psychology.*

- **Mikaela King**; Faculty Mentor: Cindy Shellito  
Title: *Climate Change and Corn: Investigating Temperature and Precipitation Impacts on Yellow Dent Corn Harvest Timing across Iowa, Illinois, Minnesota, and Nebraska*
- **Atlas Ojendiz**, Faculty Mentor: Sarah Off  
Title: *Imperfect Machine Studios LLC: A Strategic Business Plan to Focus on Community Storytelling*
- **Jasmin Pacheco Luna and Cole Rhodes**; Faculty Mentor: Elise Allen Kurstak  
Title: *Barriers for Transfer Students? Expectancy-value Beliefs and Belonging Uncertainty among Transfer and Non-transfer University Students*
- **Brianna Unrein, Terra Hall, and Ethan Tong**, Faculty Mentor: Aaron Apawu  
Title: *Characterization and Comparison of Soil Samples in Forensic Investigation*
- **HON 100 Class Presentations**, Faculty Mentors: Michael Kimball and Chelsie Romulo  
Title: *Intergenerational Wisdom: Elder Oral Histories as Preparation for an Uncertain Future*
  - Group 1: Alana Pol, Nolan Gibbs, Phoebe Seager, Regina De Jesus Diaz
  - Group 2: Katie Gruwell, Macey Smith, Sara Taylor, Tim Williams
  - Group 3: AJ Hafner, Arianna Parra, Eden Cramer, Valeria Escalante
  - Group 4: Asher Kessler, Jessy Trask, Kory Powell, Wren McGinley-Harrin
  - Group 5: Angelina Aiello, Claire Boyer, Jacob Smith, Hannah Harr
  - Group 6: Emma Sweeney, Jewelie Sehjal, Skyler Shields, Taylor Matteson

## 2:30 – 4:15 PM Performing Arts and Oral Research Presentations

### Performing Arts Creative Excellence Award Presentations

- **2:30 PM Ryan LaTourrette and Diego Pastor**, Faculty Mentor: Randall Harmon,  
Title: *Performance of J.S. Bach's Violin Sonata with Continuo in E minor, BWV 1023i. Adagio ma non tanto*
- **2:45 PM Umi Givens**; Faculty Mentor: Randall Harmon  
Title: *Je Taime, from La Bête et Belle*
- **3:00 PM Jo Weaver Douglas**; Faculty Mentor: Sandra Harmon  
Title: *"I (don't) Think I Mattered: Factors that Contribute to Black Women and Nonbinary Student Attrition at UNCO"*

### Oral Research Excellence Award Presenter Session

- **3:15 PM Karla Conchas Vergara**; Faculty Mentor: Andrea James,  
Title: *Assessing the Potential of an EGFR signaling pathway inhibitor (afatinib) to improve Keratin 5 Intermediate Filament Networks in Zebrafish Models*

- **3:30 PM Jae Fast**; Faculty Mentor: Stephanie Linley,  
Title: *Emotional working memory across the visual mental imagery spectrum: Considerations for aphantasia*
- **3:45 PM Adrianna Soto-Confer and Mo Awan**; Faculty Mentor: Stephany Linley  
Title: *Unraveling the Cognitive Cost of Anxiety: Implications for Behavioral Flexibility*
- **4:00 PM Kira Villarreal**; Faculty Mentor: Yuyan Han,  
Title: *Investigating the Therapeutic Potential of Dose-Dependent Cannabinoids in Repairing  $\beta$ -Oxidation in MASLD*

4:15 PM – 4:30 PM Reception

4:30 PM - 5:00 PM Keynote Speaker and Awards

4:30 PM Keynote Speaker: Carter Norris, Senior History: Secondary Education, Phelps Family C.A.P. Scholar

### Awards

- Office of Undergraduate Research & Creative Works Grant Awardees
- UNC Phelps Scholarship Recipient Recognition
- Fall Undergraduate Symposium Judge recognition
- Fall Undergraduate Symposium Participant Certificates
- Research/Creative Excellence Awards Presented