## Honors Fellows-Spring 2025

Sol Addison (Dr. Alexis Franzese & Dr. Rena Zito) Authentic Identity and Brands: A Cross-Cultural Exploration into Brand Authentication and Brand Loyalty Sociology and Applied Math A.B.

Lauren Beuerle (Karen Yokley)

Mathematical Modeling of COVID-19 With a Focus
on Asymptomatic Transmission

Applied Mathematics and Data Analytics

Molly Brooks (Prof. Jasmine Powell)

Evaluating the Therapeutic Efficacy of Dance Movement
Therapy in Dementia Care: A Comprehensive

Exploration Regarding Quality of Life

**Dance Science** 

Coral Clark (Dr. Yanica Faustin)
Silenced and Sidelined: Examining the Intersectional
Impact of Ableism and Racism on Maternal Health

Public Health Studies and Strategic Communications

Joshua Franklin (Dr. Baris Kesgin)

Small States and Foreign Policy Change: Do Leaders in Small States Matter?

Political Science and Economics

Ryan Gibbons (Dr. Kelsey Bitting & Dr. Ryan Kirk) Soil Carbon Sequestration in Elon Forest: Role of Past Land Use and Forest Age

Environmental & Ecological Science, Cinema & Television Arts

Wilson Holcombe (Dr. Aaron Piepmeier)

Acute Tai Chi and Cognitive Performance in Older

Adults: A Feasibility Study

Exercise Science

Paige Kenyon (Dr. Kelsey Bitting & Prof. Jacob Rutz)

Examining Microbial Biomass and Soil Organic

Carbon in Annual vs. Perennial Agricultural

Ecosystem Soils

Environmental & Ecological Science

Donelle Leak (Prof. Lee Bush)

Exploring the Lack of Diverse Representation in Influencer Marketing and Its Impact on the Lived Experiences of Young Black Women

Strategic Communications

Jade May (Dr. Ann Cahill)

Rethinking Climate Action Policy Through a Kantian Model of Obligations

Philosophy and Political Science

Corey McCall (Dr. Robert Vick)

Assessing the Effects of Covid and the Covid Vaccine on the Cardiac Health of the General Population: A Heart Rate Variability Study

**Biology** 

Clayton McLamb (Dr. Scott Spurlock)

Assessing the Quality of Synthetic Tabular Data and Use in Imbalanced Learning

Computer Science, Data Analytics, and Applied Mathematics

Julia Morrissey (Prof. Emily Wang)

The 'BIT' fluence: Investigating the Impact of Digital Financial Inclusion on Bitcoin Trade Volume in Africa

Finance and Business Analytics

Khairi Morrow (Dr. Takudzwa Madzima & Prof. Keshia Gee)

Feel the Beat, Connect the Energy, Understand the Culture, Heal the Heart

Dance Science and Public Health Studies

Bailey Reutinger (Dr. Nicholas Bussberg & Dr. David Vandermast)

Increasing the Accuracy of Tree-Ring Data Processing to Improve Models for Reconstructing Climate Statistics and Biology

Aniya Scott (Dr. Jessica Merricks)

Centering the Black Community in the Pittsboro, NC Water Crisis

Biology

Henry Searle (Dr. Katrina Jongman-Sereno)

Who is Being Real Versus Who is Not: Correlates, Cues, and Accuracy of Perceptions of Others Authenticity Psychology and Biology

Peyton Shetler (Dr. Scott Morrison)
Assessing Climate Change Education: Insights from
Undergraduate, Alumni, Faculty and Staff, and Activist
Perspectives for Institutional Sustainability Planning

Environmental and Ecological Science

Aubrey Spicola (Dr. Anthony Crider)

Multiplayer Mixed Reality Planetariums: Expanding

Horizons in Undergraduate Astronomy Educations

Astrophysics

Cristina Stafford (Dr. Jessica Carew)

Media Farming and Racial Differences in

Perceptions of Criminal Justice

Political Science and English

Carter Stoke (Dr. Takudzwa Madzima)
Assessing the Impact of High Theacrine Doses on
Hemodynamic measures, Cognitive Performance,
and Physiological stress

Exercise Science

Jillian Thomas (Dr. Karen Yokely)
Numerical Simulation of Jellyfish Swimming

Applied Mathematics and Computer Science

Samantha Zak (Dr. Jessica Merricks)

How Might Medical School Curriculum Provide a

Disorienting Dilemma Impacting Students' Perceptions
of Racial Implicit Bias?

**Biology**