

The Honors College Academic Showcase

Friday, April 18, 2025



Schedule / 2-4PM

Druskin Lounge & Fireside Lounge, East Lounge
South, North and East Seminar Rooms

Session 1, 2-3PM

DRUSKIN AND FIRESIDE LOUNGE

MEDIA-DOCUMENTED PERFORMANCES, MODEL DISPLAYS, POSTERS

Joanne Chen

Dance Photography: Finding My Decisive Moment

Sai Siri Dasari

The Role of the Sympathetic Nervous System in Estrogen Deficiency-Induced Metabolic Disorder

Daniel Elwell

FreezeRay—A Physically-Based Ray Tracer for Comparison of Rendering Equation Integrators

Wilmary Figuereo Objio

The Effects of Curcumin on Coagulation and Collagen Polymerization

Regina Giordano

Violence, Civil Religion, and Gender as Seen in Moral Majority and Liberty University Writings on Abortion

Lisbeth Hernandez

Behind the Lens: Producing Live Sports Broadcasts with RVision at Rutgers Scarlet Knights Athletics

Nami Jain

Movement by Design: How Urban Planning and Community Spaces Affect Campus Fitness

Rebecca Julius

Children on Sale: Analyzing Fetishism and Commodification of Mixed-Race Children on Tik Tok

Crystal Kilfeather

Supply Chain Efficiency and Professional Development through Leadership and Process Documentation at Johnson & Johnson

Isabel Li

Steeping Across Borders: The Marketing of Bubble Tea and Its Cultural Implications in the U.S.

Hibah Malik

Cross-Fostering and Litter Composition as Metabolic, Reproductive, and Microbial Post-Natal Modulators on Mice Offspring

Joshua Martorelli

Host Autophagy Modulates KRAS/LKB Induced Non-Small Cell Lung Cancer Metastasis

Olivia Parker

The Economic and Public Communications Impact of Procuring a Digital Sign for the Highland Park NJ Community

Hallel Redner

A Look at the Influence of Marine Conditions on Small and Large Zooplankton Aggregations in Midshelf and Offshore Areas

Amisha Singh

How do Bilingual Individuals Maintain Their Cultural Identity While Integrating Into a New Linguistic Environment?

Saketh Sitaram

Conclusion and Truth in Pure and Applied Mathematics

Eesha Vijayakumar

Characterizing South Asian and Middle Eastern/North African (SAMENA) at Risk of Alzheimer's Disease and Related Dementias

SEMINAR ROOM S120

ONE QUICK THING I LEARNED

SESSION I

2-3PM

Kaitlyn Acevedo

One Quick Thing I Learned: My +Honors Contract Course Experience

Eva Allred

AI: An Exploration through Graduate-Level Study

James Burns

Introduction to Artificial Intelligence and Foundations of Computer Science

Cynthia Contreras

Watch App: Real-Time Air Quality Monitoring for Cyclists and Pedestrians

Jamel Davis

The Global Impact of Social Media on Cultural Hybridization

Kimberly Donnarumma

Data Manipulation in the Age of Misinformation

Pietro Garcia-Rondelli

Graduate Study In Pubic Health: Health Systems & Policy/ Principles & Methods of Epidemiology

Rafayda Israt

Psychological Theories in Film

SEMINAR ROOM S124

ONE QUICK THING I LEARNED

SESSION I

2-3PM

Jai Jhaveri

Charts That Change Minds

Susan Johnson

Administrative Solutions to Alleviate Nurse Burnout

Remington Katz

Graduate Study in Artificial Intelligence and Formal Automata

James Kerwin

CS Departmental Honors - A Study of Formal Verification

Emily Lebowitz

Strategic Decision-Making in Supply Chain Management

Liam O'Neill

Graduate Studies in Computer Science

Keya Patel

Lego Drugs

SEMINAR ROOM S126

ONE QUICK THING I LEARNED

SESSION I

2-3PM

Sanvi Patel

Understanding Explainability in Convolutional Neural Networks

Alexander Pucillo

Graduate Studies in Atmospheric Science: Exploring the Interconnectedness of the Scientific World

Tanirikka Ramkumar

The Relationship Between Sleep and Cardiovascular Health

Alex Tan

Exploring Cognitive Dynamics: How Anticipating Actions Influences Perception and Subsequent Outcomes in AI

Isabella Troche

Developing Participant Education Materials for Intranasal Insulin & Exercise Study

Eva Zhang

Food Ninja: A Deep Cut into Computer Graphics

Albert Zou

Motion Planning in Computational Robotics

EAST LOUNGE

RED TALKS

SESSION I

2-3PM

Gianna Ehrhardt

BAIT/MITA Accelerated Bachelors and Graduate Degree Program

Amy Joseph

Pushing the Boundaries of Athletic Performance Using Lactate Science

Araika Khokhar

+Honors Contract Course - Love & Death in the Russian Short Story

EAST SEMINAR ROOM, E128

RED TALKS

SESSION I
2-3PM

Giovane Kim

Course Content in Graduate vs Undergraduate Classes

Kiersten Koch

The Healthy Corner Store Initiative

Aum Mundhe

Market Research and Data Analysis in Experiential Learning Projects about Pharmaceuticals and Education

Nico Toepfer

A Legislative Recommendation

NORTH SEMINAR ROOM, N106

ACADEMIC PANELS

SESSION I
2-3PM

Sophie Gao

Mucin Response Is Mediated by Ozone and Sex Independently

Amanda Sisco

The Effects of Ostarine on Liver Function and Muscle Retention in Senior Horses: Implications for Equine Veterinary Medicine

Maya Stokley

The Obsidian Oral History Project

Samara Sutton

Exploring Education Disparities

Session II, 3-4PM

DRUSKIN AND FIRESIDE LOUNGE

MEDIA-DOCUMENTED PERFORMANCES, MODEL DISPLAYS, POSTERS

Caitlyn Carlson

Finding Relationships between Muscle Atrophy Scores, Body Mass, and Fat-Free Mass in Mature Horses

Krishaan Chaudhary

Algorithms and the Essence of Artificial Intelligence

Jocelyn Chou

Data is Not One Thing: Why Derived Data Needs Its Own Evaluation

Cynthia Contreras

Mental Health in Sports and Society

Gabriel Farabaugh

Attributional Complexity and Perceptions of Poverty

Rachel Kim

How Historical and Societal Constructs Shape the Treatment and Diagnosis of Modern Psychopathologies

Krishna Ramamoorthy

*Integration of Time Series Forecasting and Neoclassical Microeconomics:
A Rutgers Honors College Capstone*

Khushi Shah

Data Visualization and Analysis of the Post-Covid Impact on Thanksgiving

SEMINAR ROOM S120

ONE QUICK THING I LEARNED

SESSION II

3-4PM

Melissa Hansraj, Sarah Chun

Looking Beyond the Medicine: Exploring the Impact of Industry & Social Behavioral Health on Healthcare Accessibility

Leah Alves

The Anti-Vax Movement: A Modern Public Health Threat

Rishika Boppana

Unraveling the Mathematical Relationships within the Life Sciences

Anya DePalma

Building Sustainable Supply Chain Strategies from the Philosophies of Lean Six Sigma, with Applications to Global Business

Kyle DiMaggio

One Quick Thing I Learned about Lebesgue Integration

Nubia Finklin

Personal E-Portfolio and Emerging Sports Research

SEMINAR ROOM S124

ONE QUICK THING I LEARNED

SESSION II

3-4PM

Desiree Johnson

Funding a Vision: Financial Planning for Launching a Healthcare Nonprofit for Underserved Communities

Anthony Kravchenko

Leadership and Analytics

YeJu Lee, Shiril Reddy

Is AI Really Intelligent?

An Nguyen

The Prescription Drug Pricing Model

Rishabh Patel

How Autoencoders Simplify Classical Machine Learning Problems

Antonio Perillo

An Investigation of Advanced Topics in Numerical Analysis and their Applications in Physics

Emilie Puja

Knowledge and Behavior: Studying the Everyday Life of Ordinary People

Shiril Reddy

Demystifying AI: The Inner Workings of LLMs

SEMINAR ROOM S126

ONE QUICK THING I LEARNED

SESSION II

3-4PM

Amanda Sallemi

Path to Practice: The Journey To and Through Physician Assistant Education

Harshith Samayamantula

Graduate Study

Roshan Varadhan

Markov Decision Processes

Abhaysai Vemula

Bayesian Networks

Solomon Williams

Biological and Social Perspectives of Aging

Christopher Wong

Awakening, But at What Loss?

David Zhao

Honors Contract for CS352: Modern Research in Internet Technology and Its Applications

EAST LOUNGE

RED TALKS

SESSION II

3-4PM

Ismaeel Abdulghani

Unraveling the Mysteries of eccDNA

Michael Cerne

Understanding Authoritarian Digital Censorship: Insights from the Great Firewall of Rutgers

Ryan Davis

Psycho-Cinema: Diagnosing the Horrors of the Mind

Maxwell Goldberg

Pushing Beyond: A Motivation for Mathematical Exploration

EAST SEMINAR ROOM, E128
RED TALKS

SESSION II
3-4PM

Shaan Patel
Neural Networks

Christopher Ray
Buzzwords as Metasocial Language: Use, Abuse, and Resistance

Emily Sullivan
Stayble: Improving Accessibility on Public Transit

Trisha Yu
The Evolution of the Free Will Debate from the 16th to 21st Century

NORTH SEMINAR ROOM, N106
ACADEMIC PANELS

SESSION II
3-4PM

Neli Elhadad
Determining the Effect of Ostarine on Senior Horse Clinical Health

Evan Keeton
Dancing Empire (Gendai Buyō): Imperial Pathways to East Asian Modern Dance

Amelia Khoo
Developing an App Prototype for Access to Health Information for Latinx Communities

Kameron Saul
Frequency of Dental Innovations in Education and General Practice

FOR PRESENTATION
LOCATIONS, PLEASE
SEE MAP



HONORS COLLEGE PRESENTATION LOCATIONS



MAP OF THE MAIN FLOOR