



UNIVERSITY OF
GEORGIA

Center for Undergraduate
Research Opportunities

2025

CURO

Symposium

highlighting UGA's undergraduate research

April 7-8, 2025 • Classic Center
Athens, GA

Program



2025 CURO Symposium

highlighting UGA's undergraduate research

Welcome to the 2025 CURO Symposium! Hosted by the Center for Undergraduate Research Opportunities, the two-day event highlights exceptional undergraduate research at the University of Georgia. Across campus, administrators, faculty and staff members, and graduate and undergraduate students have collaborated to make this an invaluable academic event.

This year, we are celebrating the 26th anniversary of the CURO Symposium. The 2025 Symposium features 723 undergraduates communicating their substantial research accomplishments. The presenters are pursuing 200 different majors from 16 schools and colleges and are conducting research with 332 faculty members from 98 departments.

The CURO Symposium is a celebration of our students' hard work and engagement in research as well as the commitment of their faculty mentors to their success, which would not be possible without UGA's broad and substantial investment in outstanding experiential learning opportunities.

Thank you for your continued support of undergraduate research and the Center for Undergraduate Research Opportunities.

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Schedule

Monday / April 7, 2025

Oral sessions will be held in Athena Rooms B, C, D, G, H, I, and J.

All Day

Café Curo
Athena Room A

9:10-10 a.m.

Oral Session 1

10:20-11:10 a.m.

Oral Session 2

11:30 a.m. to 12:20 p.m.

Oral Session 3

12:40-1:30 p.m.

Oral Session 4

1:50-2:40 p.m.

Oral Session 5

1:50-2:40 p.m.

Introduction to Mentoring
(for graduate students)
Athena Room D

3-4 p.m.

Awards and Keynote Session
Athena Room E

4-6 p.m.

Poster Session
Grand Hall South

Tuesday / April 8, 2025

All Day

Café Curo
Athena Room A

9:35-10:50 a.m.

Oral Session 6

11:10 a.m. to 12:25 p.m.

Oral Session 7

12:45-2 p.m.

Oral Session 8

2:20-3:35 p.m.

Oral Session 9

3:55-5:10 p.m.

Oral Session 10

CURO Research Mentoring Awards

The Office of the Senior Vice President for Academic Affairs and Provost and the Jere W. Morehead Honors College established the CURO Research Mentoring Awards at the first CURO Symposium in 2001 to recognize outstanding faculty who consistently engage undergraduate researchers through CURO programming (courses, symposium, summer fellows, theses, etc.) and also enhance the learning experience of undergraduate researchers at the University of Georgia. Award recipients have provided superior research opportunities and mentoring and have collaborated with undergraduate researchers on publications and presentations at professional conferences.

The 2025 recipients are **Dr. Deborah A. Barany**, left, *Assistant Professor, Director of the Brain and Action Laboratory, Co-Director of the Neurostimulation Laboratory, Department of Kinesiology, Mary Frances Early College of Education and Augusta University/UGA Medical Partnership*; and **Dr. Jarrod Call**, right, *Professor of Physiology & Pharmacology, Director of the Mitochondrial and Regenerative Physiology Lab, College of Veterinary Medicine*. Previous recipients and their years are listed below.



2024 recipients

- **Dr. Ramviyas Nattanmai Parasuraman**, *Assistant Professor, School of Computing, Franklin College of Arts and Sciences and College of Engineering*
- **Dr. Hea Jin Park**, *Associate Professor, Department of Nutritional Sciences, College of Family and Consumer Sciences*

2023 recipients

- **Dr. Brandon Rotavera**, *Associate Professor, School of Environmental, Civil, Agricultural, and Mechanical Engineering, College of Engineering, and Department of Chemistry, Franklin College of Arts and Sciences*
- **Dr. Vincent Starai**, *Associate Professor, Department of Microbiology, Franklin College of Arts and Sciences*

2022 recipients

- **Dr. Xiaojin Ye**, *Professor, Department of Physiology and Pharmacology, College of Veterinary Medicine*
- **Dr. Puneet Dwivedi**, *Associate Professor of Sustainability Sciences, Warnell School of Forestry and Natural Resources*

2021 recipients

- **Dr. Cheryl T. Gomillion**, *Assistant Professor, School of Chemical, Materials, and Biomedical Engineering, College of Engineering*
- **Dr. Walter K. Schmidt**, *Georgia Cancer Coalition Distinguished Cancer Scholar, Department of Biochemistry and Molecular Biology, Franklin College of Arts and Sciences*

2020 recipients

- **Dr. Jamie Cooper**, *Associate Professor, Department of Foods and Nutrition, College of Family and Consumer Sciences*
- **Dr. David Cotten**, *Research Scientist, Department of Geography, Franklin College of Arts and Sciences*

2019 recipients

- **Dr. Vanessa Ezenwa**, *Professor, Odum School of Ecology, Department of Infectious Diseases, College of Veterinary Medicine*
- **Dr. Michelle vanDellen**, *Associate Professor, Department of Psychology, Franklin College of Arts and Sciences*

CURO Symposium Best Paper Awards

CURO Symposium Best Paper Awards recognize excellence in papers developed from work being presented at this year's Symposium. Applicants may submit in one or more of the following categories: Arts, Humanities, and Media; Business; Life Sciences; Physical and Environmental Sciences; Public and International Affairs; Social Sciences; and Technology, Engineering, and Math.

Each recipient is recognized at the Symposium's Awards and Keynote Session, and each award carries \$100 in financial support. Recipients for the 2025 CURO Symposium are listed below, along with their research topics and faculty mentors.

ARTS, HUMANITIES, AND MEDIA

Lana Smith

Exploring the Influence of Creative Arts on Medical Practice: A Comprehensive Review

Faculty Mentor: Anna Abraham

BUSINESS

Sophia Beasley

The Price of Competition: Antitrust Challenges in Real Estate and Algorithmic Collusion

Faculty Mentor: Greg Day

LIFE SCIENCES

Kaleigh Gosnell

Investigating Exostosin Cross-Regulation in Heparan Sulfate Biosynthesis in Human Chondrocytes

Faculty Mentor: Ryan Weiss

PHYSICAL AND ENVIRONMENTAL SCIENCES

Clay Reece

Utilizing a Low-Cost Telescope to Produce Color-Magnitude Diagrams of an Open Cluster

Faculty Mentor: Inseok Song

PUBLIC AND INTERNATIONAL AFFAIRS

Raquel Beatriz Caldas Laranjeira

Brazil's Humanitarian Visa Program for Haitian Migrants: A Critical Analysis of Policy Gaps, Regional Disparities, and Integration Challenges

Faculty Mentor: Erin Little

PUBLIC SERVICE AND OUTREACH

Sponsored by the Office of Service-Learning

Aarov Malhotra

Analysis of the Opioid Crisis in Georgia: The Effect of COVID-19 and Urban-Rural Trends

Faculty Mentor: James Byars

SOCIAL SCIENCES

Natalie Wong

Learning about Food Insecurity in Athens-Clarke County, Georgia Using Key Informant Interviews

Faculty Mentor: Michelle Ritchie

TECHNOLOGY, ENGINEERING & MATH

Erika Landree

Evaluation of Cell Migration in a Novel Piezoelectric Three-Dimensional Breast Cancer Bone Metastasis Model

Faculty Mentor: Cheryl Gomillion

Libraries Undergraduate Research Awards

Since 2007, the UGA Libraries has sponsored the Undergraduate Research Awards, which provide cash prizes for excellence in research. Awards range from \$250-\$1,000.

This year, we wanted to celebrate the different kinds of research projects students participate in and, more importantly, understand what they learned from the process. All formats were encouraged; submissions were evaluated based on their creativity, clarity of expression, and research process reflection.

Recipients for the 2025 CURO Symposium are listed below, along with their project title and medium.

FIRST PLACE

Zachary Stiles

Conducting Historical Research Online Course

Project medium: Online Course

SECOND PLACE

Mann Chung Hak Sy Tha

Paradise Lived

Project medium: Interactive fiction

THIRD PLACE

Raquel Beatriz Caldas Laranjeira

Brazil's Humanitarian Visa Program for Haitian Migrants: A Critical Analysis of Policy Gaps, Regional Disparities, and Integration Challenges

Project medium: Comic strip

HONORABLE MENTION

Sophia Nguyen

The Troughs: A Story of Repression and Dissent

Project medium: Choose your own adventure game

HONORABLE MENTION

Hanif Zaman

My Journey from a Student to a Protein Biochemist

Project medium: Website

Oral Session 1, Monday, 9:10-10 a.m., Athena Breakout Rooms

Room B	Chelsea Lee, Carter Montgomery, Eduardo Paez	Empowering Future Scientists: Exploring the Relationship Between Research Tasks and Scientific Self-Efficacy	Dr. Erin Dolan
	Riya Sachdeva	Special Collections and Community Connections	Dr. Kathryn Manis
Room C	Sophia Nguyen	Nationalist Rhetoric in the European Union: The Anti-Immigrant Strategies of Fidesz and PiS	Dr. Joowon Yi
	Sara Anis Ali	State Compliance with International Court of Justice Provisional Orders	Dr. Joowon Yi
	Agni Athreya	Analyzing Cloud Security Solutions for Embedded Systems	Mr. Mark Lupo
Room D	Grace Jiang	Athletes vs Dancers: Perceptions of Long-Term Rest	Prof. Rebecca Gose
	Kendyl Hayes	Measuring Health Literacy in Higher Education Institutions	Ms. Amelia Ross
	Jasmine Udeshi	Acute Exercise and Biomarker Responses: Investigating Inflammatory and Metabolic Changes in College-Aged Individuals	Dr. Jennifer Gay
Room G	Kendrick Borst	Route Learning During Carrying in the Rock Ant, <i>Temnothorax rugatulus</i>	Dr. Takao Sasaki
	Oscar de la Torre	Effect of Cold Treatments on the Germination of Somatic Embryos of <i>Cornus florida</i>	Dr. Dayton Wilde
	Faith Duruh	The Effects of Stereotype Confirmation and Disconfirmation on Racially Minoritized Individuals in the Workplace	Dr. Melissa Robertson

Oral Session 2, Monday, 10:20-11:10 a.m., Athena Breakout Rooms

Room B	Evan Hammam, Kadin Relefourd, Samrath Singh	Gaussian Process Surrogate Model for NeRF Hyperparameter Optimization	Dr. Deepak Mishra
	Emma Benedict	Assessing the Characteristics of Extreme Rainfall Events in Climate Models	Dr. Gabriel Kooperman
	Grace Lang	How Does Volcanic Mercury Impact the Environment? A Time-Integrated Analysis of Mercury Dispersion and Accumulation in Plants, Insects, and Soils at Mt. Etna (Italy)	Dr. Mattia Pistone

Room C	Nathan Haynes	Aristotle on Economics: Administration or Institution	<i>Dr. Athanasios Samaras</i>
	Natalie Schott	Society and its Discontents in Thucydides and Tolstoy	<i>Dr. Andres Matlock</i>
	Anvika Menon	Floods and Faith: How Flood Myths Reinforce Value Hierarchies Across World Religions	<i>Dr. Ingie Hovland</i>
Room D	Nissa Dotson	Civil Justice and Eviction Diversion	<i>Dr. Gretchen King</i>
	Eunseo Cho	The Effects of COVID-19 on Quality and Access to Education in High-Income States	<i>Dr. K. Chad Clay</i>
	Adam Buhmeyer	Voting Rules That Avoid Extremism	<i>Dr. Keith Dougherty</i>
Room G	Emma Fass, Carleigh Brisendine	Enhancing Accessibility and Engagement: Digitizing Historical Clothing Collections for Improved Access and Preservation	<i>Dr. Monica Sklar</i>
	Nakachi Nwagbata, Sara Graff	Activism through Attire: A Study of US Punk Merchandising	<i>Dr. Monica Sklar</i>
	Tiffany Powell	WOMEN IN CHURCH: A Typology of Gender Perspectives in the Southern Baptist Convention	<i>Dr. Joseph Hermanowicz</i>
Room H	Imrie Ross	Structure-Property Relationships of Lignin-Derived Semi-Aromatic Polyesters	<i>Dr. Jason Locklin</i>
	Connor Perrine	Fluid Sloshing in High-Acceleration Environments for Aerospace Applications	<i>Dr. Eliza Banu</i>
Room I	Nikita Jones	Role of Corneal Endothelium in Aniridia Associated Keratopathy	<i>Dr. James Lauderdale</i>
	Anish Kalyan Garikapati	What tissue does GON-2 need to be expressed in to rescue the gon-2 germline defect in <i>C. Elegans</i> ?	<i>Dr. Edward T. Kipreos</i>

Oral Session 3, Monday, 11:30 a.m. to 12:20 p.m., *Athena Breakout Rooms*

Room B	Emma Bales, Brittnee Hampton, Steven Beach, Ashley Hannings	Partner-Involved Financial Incentive Treatments for Smoking Cessation in Dual-Smoker Couples: Establishing a Randomized Controlled Trial Protocol for Recruiting, Screening, Enrolling, and Retaining Participants	<i>Dr. Michelle vanDellen</i>
	Kayla Brown	Perceptions of Self-Control from Thin-Slices of Nonverbal and Overt Behavior	<i>Dr. Michelle vanDellen</i>
	Jessica Lin	The Role of Orexin in Cannabinoid-Induced Hyperphagia	<i>Dr. Emily Noble</i>

Room C	Dana Wells	Impact of Free-Roaming Cats on Urban Biodiversity: A Case Study in Metro Atlanta	Dr. Michel Kohl
	Isabella Pellicano	Dynamics of Shrub Co-Invasion, Nutrient Cycling, and AM Fungal Abundance in a Southeastern US Forest	Dr. Nina Wurzbarger
	Clarissa Hane	Future Population Dynamics of <i>Porites astreoides</i> in the Florida Keys	Dr. Craig Osenberg
Room D	Jenna Schaffer	The Effects of Cardiovascular Risk Factors and Lifestyle Stressors on White Matter Integrity and Cognition	Dr. Jennifer McDowell
	Arya Brown	The Influence of Health Factors on the Relationship Between Stress and Limbic System Volumes	Dr. Jennifer McDowell
	Emily Raeside	Comparative Analysis of Biomarkers in Physically Active and Sedentary College Students	Dr. Jennifer Gay
Room G	Madison Ogle	Evolving Teaching Methodologies of Physics Teaching Assistants in Introductory Lab Courses	Dr. Nandana Weliveriya
	Harlee Robinson	Gender Differences in How Black and Hispanic Adolescents Report Being Motivated for STEM Careers: The Importance of Interest	Dr. Michael Barger
	Jordan Skeete	The Impact of Mugshots on Moral Decision-Making	Dr. Anna Rogers
Room H	Spencer Katzman	A Comparison of Three Versions of Ranked Choice Voting Using Computer Simulations	Dr. Keith Dougherty
	Isabelle Stephens	What Constitutes Compulsion Under the Georgia Constitution's Protection Against Self-Incrimination?	Dr. Randy Beck
	Mark Anthony Adams	The Sahelian Great Game: Sponsored Counterterrorism and its Soft Power Influence	Dr. Maryann Gallagher
Room I	Jon Kramer	Evaluating Variations in Stress Distributions and Centers of Pressure Under Various Angles of Attack	Dr. Eliza Banu
	Omar Hamwy	Advancing CFD Approaches for Jet-Stirred Reactors	Dr. Brandon Rotavera
	Angela Sun	Polarized Optical Microscopy for Determining Miscibility of Plasticizer Agents for Poly(3-hydroxybutyrate-co-3-hydroxyhexanoate)	Dr. Jason J. Locklin

Oral Session 4, Monday, 12:40-1:30 p.m., Athena Breakout Rooms

Room B	Aiza Ahmad	Exploring Virtual Reality in STEM Education: Enhancing Student Understanding through Immersive Learning Environments	Dr. Inseok Song
	Lainey Gammon	Do Active Galactic Nuclei Coexist with Starbursts in Massive Galaxies in the Distant Universe?	Prof. Cassandra Hall
	Anna Dmitrieff, Aiden Hammond	Democratizing Astronomy in the Classroom: Integrating ESP32-CAM Sensors with Low-Cost Telescopes for Accessible Astronomy Education	Dr. Inseok Song
Room C	Levi Whitaker, Rhys Deloach, Noah Madelil	Developing an Autonomous Weed Pulling Robotic System for Sustainable Cotton Production	Md. Sultan Mahmud
	Johanna Nordwall	Precision Agriculture Management Zoning: Evaluating the Use of Electrical Conductivity for Predicting Spatially Heterogenous Soil Properties	Dr. Nandita Gaur
	Antoinette Sengbe	The Impact of Pre-Experimental Phase Phytase Supplementation on Phosphorus Retention in Soybean Meal with or Without Phytase During the Experimental Period	Dr. Oluyinka Olukosi
Room D	Shania Nguyen-Tu	Exploring Associations Between Unpaid Medical Bills and Healthcare Utilization	Dr. Gaurav Sinha
	Shriya Garg	Understanding the Family Financial Toxicity of Cancer through the Lens of US Patients of South Asian Descent	Dr. Edward Dee
	Mikaela Luna, Valery Huaman-Lozano, Katie Bonilla	Bridging During Times of Despair: Promotoras as Agents of Change During a Global Pandemic	Dr. J. Maria Bermudez
Room G	Sebastian Thomas Seymus	Can Near Infrared Reperfusion Rate Distinguish Mild Cases of PAD	Dr. Kevin McCully
	Charlie Harof	The Effects of Tattoos on Near-Infrared Spectroscopy Measurements	Dr. Kevin McCully
	Vaishnavi H. Chennareddy	Morphology of Corpus Luteum in RhoAd/d (RhoAf/fPgrCre/+) Mice During Estrous Cycle	Dr. Xiaoqin Ye
Room H	Dyllon Glaze	Devising the Determined: An Exploration into a Devised Theatre Process Applied to a Scripted Departure Point	Prof. Anthony Marotta
	Olivia Vicos	A Psycho Physical Theatrical Retelling of Lord of the Flies	Prof. George Contini
	Jason Lu, Tej Shidhaye	Illuminating the Dark Kinase DCLK3	Dr. Natarajan Kannan
Room I	Ayden Mamaghani	How Does Salmonella Survive without the Final Enzyme of a Biosynthetic Pathway?	Dr. Jorge Escalante
	Zayna Khan	Analysis of Transposable Elements in Sarcocystis Neurona	Dr. Jessica Kissinger
	Rinisha Ramprakash	Simulating Interactions with Lunar Rocks	Dr. Phillip Stancil

Oral Session 5, Monday, 1:50-2:40 p.m., *Athena Breakout Rooms*

Room B	Livi Hogan	The German Woman—a Fluid Definition.	Dr. Joshua Bousquette
	Sara Adkins	Post-Wall Russian-German Interventions in German Literature	Dr. Berna Gueneli
	Mark Anthony Adams	Houellebecq: Le marché et l'homme	Dr. Timothy Raser
Room C	Surya Blasiole	Embodying Interculturality in the University of Georgia Performing Arts Center	Dr. Ingie Hovland
	Lela Stair	Implementing Musical Improvisation: A Global Approach for American Music Classrooms	Dr. Jared Holton
	Bridget Blanchard	An Angel Named Cora: Reaching Catharsis and Connection through Intimate Experimental Theatre	Dr. John Patrick Bray
Room G	Ben Longren	How has Studentification Affected Housing in College Towns? A Case-Study of the University of Georgia and Athens-Clarke County	Dr. David Mustard
	Annie Putzke	Intersecting Barriers: Housing Inequality in Athens, Georgia, through the Lenses of Race, Disability, Immigration Status, and Gender	Dr. Jerry Shannon
	Sophia Beasley	The Price of Competition: Antitrust Challenges in Real Estate and Algorithmic Collusion	Dr. Greg Day
Room H	Kenaz Bouali	Investigating the Role of Pax6 Transcriptional Factor on the Trigeminal Ganglia Sensory Neuronal Subtype Specification	Dr. James Lauderdale
	Pranavi Srinivasa	Predicting Urban Changes Due to Gentrification Using Generative AI and Computer Vision	Dr. Jin Sun
	Chisom Emegwam	The Expression of Double-Stranded RNA with Ribosome Binding Sites in <i>Escherichia coli</i>	Dr. Cory Momany
Room I	Neha Purohit	Impact of Nutritional Iron Deficiency on Sleep Disorders in Adult Cystic Fibrosis Patients on Modulator Therapy	Dr. Varsha Taskar
	Gavin Paul	Neutrophil Elastase Activity Associated with Cystic Fibrosis Sputum-Derived Exosomes is Inhibited by the Serine Protease Inhibitor Ecotin	Dr. Balázs Rada
	Jaylen Spellman-Reliford	Proliferating and Differentiation of Primary Airway Epithelial Cells in an Air Liquid Interface (ALI) Culture System	Dr. Thomas Krunkosky
Room J	Chris Decker	Solving the Mysteries of the Anticodon-Codon Interaction to Uncover the Therapeutic Potentials of tRNAs	Dr. Natalie Krahn
	Farhan Valummel	EZH2-Mediated Regulation of Heparan Sulfate Biosynthesis	Dr. Ryan Weiss
	Shannon Ferry	Analysis of Two Disease Associated Human Protein O-Fucosyltransferase I Variants	Dr. Robert Haltiwanger

Awards and Keynote Session

Monday, 3 to 4 p.m.

Athena Room E

Welcome and Introductions

Meg Amstutz, *Dean of the Jere W. Morehead Honors College*

Remarks

Jere W. Morehead, *President of the University of Georgia*

Awards Introduction

James Warnock, *Associate Dean, Morehead Honors College*

CURO Research Mentoring Awards

Marisa A. Pagnattaro, *Vice President for Instruction*

CURO Symposium Best Paper Awards

Chris King, *Interim Vice President for Research*

VIPR Best Presentation Award

Thomas Mote, *Associate Vice President for Instruction*

UGA Libraries' Undergraduate Research Awards

Beth Woods, *Director of Research and Computational Data Management, UGA Libraries*

Introduction of the Keynote Speaker

Laura Kate Holden, *CURO Honors Scholar, Class of 2025, Biochemistry & Molecular Biology, Franklin College of Arts & Sciences*

Keynote Address

Lance Wells, *Associate Director of the Complex Carbohydrate Research Center, Distinguished Research Professor, GRA Distinguished Investigator, Franklin College of Arts & Sciences*

Closing Comments

Meg Amstutz

Audience adjourns to Poster Session and Symposium Reception, held in Grand Hall South.

Poster Session, Monday, 4 to 6 p.m., Grand Hall South

Poster 1	Caitlien Nguyen, Niha Saini, Riya Patel	Utilizing Genomic-Based Methods to Uncover the Vast Role of Heparan Sulfate	<i>Dr. Ryan Weiss</i>	VIPR (Biochemistry & Molecular Biology)
Poster 2	Alexis Allen, Asher Newell, Katie Johnson, Reid Whitley, Prisha Rathore	Investigating Genetic and Metabolic Regulation of the mTOR Pathway	<i>Dr. Art Edison</i>	VIPR (Biochemistry & Molecular Biology)
Poster 3	Grace Soyemi, Isabella Delgado, Brandon Li	Metabolite Identification for Biofuel Discovery	<i>Dr. Art Edison</i>	VIPR (Biochemistry & Molecular Biology)
Poster 4	Sean Groarke	Understanding the Soil Moisture Gradient Under Solar Panels and Its Effects on Vegetation	<i>Dr. Rhett Jackson</i>	VIPR (Warnell School of Forestry & Natural Resources)
Poster 5	Jordan Stafford, Naman Kumar	Leveraging Thermal Imaging and Machine Learning to Detect and Predict Rose Rosette Disease (RRD) Spread	<i>Dr. Guoyu Lu</i>	VIPR (Electrical & Computer Engineering)
Poster 6	Naman Kumar, Jordan Stafford	Late-Season Cotton Phenotyping with Thermal Imaging and Machine Learning	<i>Dr. Guoyu Lu</i>	VIPR (Electrical & Computer Engineering)
Poster 7	Jacob Coleman	Community Perceptions of Solar and Agrivoltaics Practices: An Intersectional Investigation	<i>Dr. Anna Rogers</i>	VIPR (Sociology)
Poster 8	Kariana Colon	The Buzz on Agrivoltaics: Solar Solutions for Pollinator Conservation	<i>Dr. Mark Hunter</i>	VIPR (Ecology)
Poster 9	Ananya Kattela, Bemnet Bekele, Julian Maldonado	Social Media Engagement as a Mediator for Trust of Medical Advice from Healthcare Professionals	<i>Dr. Scott Carver</i>	VIPR (Ecology)
Poster 10	Mahnoor Rehan, Odalis Marcial	Exploring the Relationship Between Non-Pharmaceutical Intervention Usage and Influenza Vaccination Uptake	<i>Dr. Scott Carver</i>	VIPR (Ecology)
Poster 11	Nehal Sinha, Rowan Tabatabaee, Allanna Harlan	Does Alternative Medicine Preference Correlate with COVID-19 Vaccination Intent and Action?	<i>Dr. Scott Carver</i>	VIPR (Ecology)
Poster 12	William H. Delaney, Nia Patel	GlycoStem: Zeltner Lab Internal Core Facility	<i>Dr. Nadja Zeltner</i>	VIPR (Molecular Medicine)
Poster 13	Nia Patel, Stephanie Gogita	GlycoStem: Utilizing Transcriptomic-Based Techniques to Investigate Inherited Genetic Diseases That Affect the Peripheral Nervous System	<i>Dr. Nadja Zeltner</i>	VIPR (Molecular Medicine)
Poster 14	Nakyia Bessard-Lezin	Automatic Sorting of Broken and Normal Eggs Using Gelsight Mini Tactile Sensor	<i>Dr. Guoming Li</i>	VIPR (Poultry Science)

The VIPR (Vertically Integrated Projects—Research) program is an initiative out of the Office of Instruction designed to unite the University of Georgia's commitments to excellence in instruction and in research.

Poster 15	Cameron Halaby, Ava Stillwagon, David Krupp	Optimizing Neural Radiance Fields for Satellite Image Reconstruction through Solar-Informed Volume Rendering	<i>Dr. Deepak Mishra</i>	VIPR (Geography)
Poster 16	Lia Mathews, Varnika Sharma, Agni Athreya, Christian Kelley	Multi-Objective Loss Functions and LPIPS Metrics in NeRF	<i>Dr. Deepak Mishra</i>	VIPR (Geography)
Poster 17	Aidan Marjoram	How Do Natural Disasters Affect Financial Instability?	<i>Dr. Swarn Chatterjee</i>	Financial Planning, Housing & Consumer Economics
Poster 18	Cancan Xie	Exploring Homeownership Decisions of Younger Americans: Financial Knowledge as a Moderator of Mortgage Delinquency in Distressed Zip Codes	<i>Dr. Swarn Chatterjee</i>	Financial Planning, Housing & Consumer Economics
Poster 19	Himani Patel	Federal Trade Commission v. Amazon: Analysis of Theories of Harm Concerning Anti-Competition	<i>Dr. John Turner</i>	Economics
Poster 20	Maura Ryan	Finfluence: Analyzing TikTok's Influence on Young Investors	<i>Dr. Daniel Rettl</i>	Finance
Poster 21	Garrett Schwartz	Measuring Activism Returns Using Transaction-Level Data	<i>Dr. Daniel Rettl</i>	Finance
Poster 22	Ria Sardana	Navigating Misinformation: Corporate Crisis Management in the Digital Age	<i>Dr. Jason Epstein</i>	Insurance, Legal Studies, & Real Estate
Poster 23	Emily Cranston	Evaluating the Impact of Spatial Resolution and Topography on Climate Model Predictions	<i>Dr. Anna Harper</i>	Geography
Poster 24	Ana Miller	Theoretical Effects of Afforestation on the Earth's Land Surface Temperature: Analyzing Land Energy Budget Changes	<i>Dr. Anna Harper</i>	Geography
Poster 25	Olivia Yahne	Legacy Effects of Hurricanes on Southeastern Forests: A Case Study	<i>Dr. Anna Harper</i>	Geography
Poster 26	Catherine Roach	Reconstructing Climate and Environmental Change in Great Basin National Park through Tree Ring Analysis	<i>Dr. David Porinchu</i>	Geography
Poster 27	Ashwath Rajkumar	Optimizing CubeSat Bus Design for Versatile Payload Integration: Standardization through Additive Manufacturing	<i>Dr. Deepak Mishra</i>	Geography
Poster 28	Alexander Egan	The Effects of Component Tolerance on CubeSat Hardware	<i>Dr. Deepak Mishra</i>	Geography
Poster 29	Emilia Reber, Mason Richter, Brian Williams, Jackson Bradford	The Theoretical Simulation Analysis of Vibrations in Small Satellites: A Material Study	<i>Dr. Deepak Mishra</i>	Geography

Poster 30	Liam England	Urban Renewal's Legacy: Mapping the Impact of the R-51 Project in Athens	<i>Dr. Jerry Shannon</i>	Geography
Poster 31	Logan Wiley	Supporting Athens Tenants through Spatial Analysis	<i>Dr. Jerry Shannon</i>	Geography
Poster 32	Jada Lamar	Understanding the Implications of Categorical vs. Continuous Graphical Depictions of Risk: Different Colors, Risk Conditions, and Risk Boundaries	<i>Dr. Andrew Grundstein</i>	Geography
Poster 33	Gabriel Lobdell	Examining the Effects of Changing Atmospheric Dust Patterns on Marine Biogeochemistry	<i>Dr. Adrian Burd</i>	Marine Sciences
Poster 34	Katy Griffin	Quantifying Carbon Stocks in Georgia Salt Marshes	<i>Dr. Amanda Spivak</i>	Marine Sciences
Poster 35	Paloma Carignano	Shell-tering Nematodes: Characterizing Nematode Communities on Loggerhead Sea Turtle Carapaces	<i>Dr. Holly Bik</i>	Marine Sciences
Poster 36	Shahad Younis	Ferric and Ferrous Iron Redox Chemistry and Colored Complexes with Ferrozine	<i>Dr. Samantha Joye</i>	Marine Sciences
Poster 37	Shahad Younis	Temperature and Oxygen Effects on the Growth of Marine Ammonia-Oxidizing Archaea: <i>Candidatus nitrosopumilus</i> sp. Strain D3C	<i>Dr. Samantha Joye</i>	Marine Sciences
Poster 38	Alex Mehta	Changes in Atlantic Cod and Greenland Halibut Populations as Symptoms of Cumulative Effects of Climate Change in Disko Bay, Greenland	<i>Dr. Patricia Yager</i>	Marine Sciences
Poster 39	Zakaya Crawley	Decoding Marine Viral Proteins: Understanding Viral Influence on Microbial Communities in the Pelagic Central Pacific Ocean	<i>Dr. Jaclyn Saunders</i>	Marine Sciences
Poster 40	Joy Harris	Unimodality, Stretching and Other Properties of the Bilinear Coefficient	<i>Dr. Brett Collins</i>	Mathematics
Poster 41	Sara Logsdon	Polynomial Functions on Finite Rings	<i>Dr. Pete Clark</i>	Mathematics
Poster 42	Deeya Datta	Bayesian Ranking Using Credible Distributions – an R Package	<i>Dr. Abhyuday Mandal</i>	Statistics
Poster 43	Tricia Babb	Can Plasticity Overcome Host-Parasite Co-Evolutionary Patterns in a Multi-Host Community?	<i>Dr. Alex Strauss</i>	Ecology
Poster 44	Liv Ritacco	Clash of the Cladocerans: Effects of Temperature Fluctuation on Daphnia-Ceriodaphnia Competition	<i>Dr. Alex Strauss</i>	Ecology

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Poster 358	Christopher Anyanwu, Sarah Carroll	Neurodivergence in the Workplace	<i>Dr. Malissa Clark</i>	Psychology
Poster 359	Ellie Kopanezos, Madilyn Maucieri	An Examination of the Effects of Break Characteristics on Rest and Recovery for Part-time Employees	<i>Dr. Malissa Clark</i>	Psychology
Poster 360	Chase Blackwell, Dylan O'Neal	Beyond the Inbox: Examining How Gendered Expectations in Email Communication Impacts Leadership Potential	<i>Dr. Malissa Clark</i>	Psychology
Poster 361	Trista Williams	Gendered Effects of Boundary Management: Examining the Interactions between Home-Work Boundary Management and Perceived Job Commitment	<i>Dr. Malissa Clark</i>	Psychology
Poster 362	Nadine Mbughuni	Effects of TMS on Motor Performance and Reaction Time in Complex Tasks	<i>Dr. Deborah Barany</i>	Kinesiology
Poster 363	Shivani Senthil Kumar	Examining the Relationship between Primary Motor Cortex Activation and Interception Performance	<i>Dr. Deborah Barany</i>	Kinesiology
Poster 364	Ria Doshi	Examining the Influence of Proximal Muscle Activity on Motor-Evoked Potential Responses in Distal Muscles	<i>Dr. Deborah Barany</i>	Kinesiology

Poster 365	Ashley Frazier	The Neural Basis of Hand-Eye Coordination: Investigating the Relationship Between Brain Structure and Motor Performance	<i>Dr. Deborah Barany</i>	Kinesiology
Poster 366	Grace-Ann Hawthorne	Relationship between Corticospinal Excitability During Interceptive Movement and Performance	<i>Dr. Deborah Barany</i>	Kinesiology
Poster 367	Megan Dixon	Effects of Varied Doses of Cottonseed Oil on Appetite Regulation	<i>Dr. Jamie Cooper</i>	Kinesiology
Poster 368	Edith Kahiga	Dose-Response Effects of Pecan Consumption and Glucoregulation	<i>Dr. Jamie Cooper</i>	Kinesiology
Poster 369	Josie Lee	Dose Response Effects of Pecan Consumption on Self-Reported Energy-Intake and Objective Measures of Weight Management	<i>Dr. Jamie Cooper</i>	Kinesiology
Poster 370	Sydney Munnagle	Dose-Response Effects of Pecan Consumption in Relation to Subjective and Physiologic Appetite Measures	<i>Dr. Jamie Cooper</i>	Kinesiology
Poster 371	Erin Huddle	Dose-Response Effects of Daily Pecan Consumption on Fasting Blood Lipids	<i>Dr. Jamie Cooper</i>	Kinesiology
Poster 372	Srishti Talati	Running Performance in Response to Different Forms of Carbohydrate	<i>Dr. Jamie Cooper</i>	Kinesiology
Poster 373	Jessie Ricco	Exploring the Physiologic Responses to Different Forms of Carbohydrates during Endurance Running	<i>Dr. Jamie Cooper</i>	Kinesiology
Poster 374	Sweya Surapaneni	Effect of Fiber Tract Density on Contralateral Hand Dominance	<i>Dr. Jing Xu</i>	Kinesiology
Poster 375	Gauthier Valery, Josh Siegel	Markerless Biomechanical Analysis of Hand and Finger Movements for Rehabilitation	<i>Dr. Jing Xu</i>	Kinesiology
Poster 376	Drew Fields, Eleanor Virag	Modulatory Influence of Various Descending Tracts on the H-Reflex	<i>Dr. Jing Xu</i>	Kinesiology
Poster 377	Wylie Frazier, Huda Altaf	The Impact of Smoking on Stroke Severity and Patient Outcomes	<i>Dr. Jing Xu</i>	Kinesiology
Poster 378	Noor Mehdi	Evaluating Mitochondrial Capacity in Down Syndrome Participants via Non-Invasive Muscle Testing Methods	<i>Dr. Kevin McCully</i>	Kinesiology
Poster 379	Priya Jani, Ryan Willoughby, Marie Hanna, Samantha Ye	Measuring Mitochondrial Capacity and Oxygen Diffusivity using Near Infrared Spectroscopy in Human Muscle	<i>Dr. Kevin McCully</i>	Kinesiology
Poster 380	Rohan Anne	The Relationship Between Concussion History and Joint Angles and its Effect on ACL Injury Risk	<i>Dr. Rob Lynall</i>	Kinesiology

Poster 381	Mia Whitehurst	Assessing Gait in Concussed Individuals: The Impact of Glare Exposure	<i>Dr. Rob Lynall</i>	Kinesiology
Poster 382	Devin duCille	Assessing the Connection Between Concussion Symptoms and Perceived Normalcy in Concussion Recovery	<i>Dr. Julianne Schmidt</i>	Kinesiology
Poster 383	Emily Haskell	Sex Differences in Mitochondrial Bioenergetics and Antioxidant Buffering Capacity in PBMCs from Healthy Young Men and Women	<i>Dr. S. Tony Wolf</i>	Kinesiology
Poster 384	Olivia Kirkman	Investigating the Effect of Type I Anaphylactic Food Allergies on Endothelial Function and Nitric Oxide-Mediated Vasodilation	<i>Dr. S. Tony Wolf</i>	Kinesiology
Poster 385	Kenneth Kwon	Limited Efficacy of the Online Lifestyle Intervention on Hispanic Adolescents' Body Composition and Physical Fitness	<i>Dr. Sami Yli-Piipari</i>	Kinesiology
Poster 386	Michael Vu	Dissemination Feasibility of the Online Pediatric Lifestyle Intervention: A Qualitative Analysis of Recruitment Suitability and Program Acceptability	<i>Dr. Sami Yli-Piipari</i>	Kinesiology
Poster 387	Jenna Dekich	Unlocking Communication Potential After Graduation for Young Adults with Disabilities	<i>Dr. Nina Santus</i>	Communication Sciences & Special Education
Poster 388	Nandita Bhat, Ashlyn Joyner, Madeline Guest, Maria Birozes, Emma Grace Hall, Julia Kellerman	Examination of Caregiver's Contingent Response on Vocalizations in Infants with a History of Otitis Media: A Pilot Study	<i>Dr. Sandie Bass-Ringdahl</i>	Communication Sciences & Special Education
Poster 389	Kaitlyn Murphy, Julia Kellerman, Erin Hirsch, Caroline Brubaker, Cecilia Frey, Maggie Lyon	Early Vocalization Development in Infants with Caregiver Reported Histories of Otitis Media	<i>Dr. Sandie Bass-Ringdahl</i>	Communication Sciences & Special Education
Poster 390	Mia Corte, Leigh Blanchard, Hayden Vaughan, Julianna Hayunga, Olivia Strickland, Brooke Warner	Hearing Sensitivity and Auditory Skill Development in Infants with Caregiver Reported Histories of Otitis Media	<i>Dr. Sandie Bass-Ringdahl</i>	Communication Sciences & Special Education
Poster 391	Ellie Crosland, Victoria Watkins, Leslie Bonner, Elizabeth Ryan, Madeline Mayo	Otitis Media and Early Vocalization Development: A Detailed Analysis Using PRAAT	<i>Dr. Sandie Bass-Ringdahl</i>	Communication Sciences & Special Education
Poster 392	Lilly Hanesworth, Mattie Heard	Developing Comparable Measures of Morphological Awareness	<i>Dr. Hannah Krimm</i>	Communication Sciences & Special Education

Poster 393	Kaitlyn Meland	A Systematic Review of Writing Outcomes for Children with Language Disorder	<i>Dr. Hannah Krimm</i>	Communication Sciences & Special Education
Poster 394	Robyn Rayford, Kathryn Wilczynski	Lexical-Phonological Organization in Adults with and Without History of Dyslexia	<i>Dr. Hannah Krimm</i>	Communication Sciences & Special Education
Poster 395	Robyn Rayford	Student-Led Equity in CSD, One Year Later	<i>Dr. Nina Santus</i>	Communication Sciences & Special Education
Poster 396	Annsley Craft	Using a University-Practice Partnership as a Lever for the Training and Delivery of a Summer Early Literacy Intervention	<i>Dr. Kristin Sayeski</i>	Communication Sciences & Special Education
Poster 397	Carley Kronlage, Kate Mulderew	Comparing the Phoneme Segmentation Tasks of the Educator Linguistic Knowledge Scale - Phonology and the Comprehensive Test of Phonological Processing, 2nd Edition	<i>Dr. Hannah Krimm</i>	Communication Sciences & Special Education
Poster 398	Lana Smith	Exploring the Influence of Creative Arts on Medical Practice: A Comprehensive Review	<i>Dr. Anna Abraham</i>	Educational Psychology
Poster 399	Sara Amou	Teaching for Creativity: How Educators' Perceptions Shape Student Performance	<i>Dr. Anna Abraham</i>	Educational Psychology
Poster 400	Madeline Ming	Mind Wandering, Social Media, and Aging: A Review of Current Literature	<i>Dr. Anna Abraham</i>	Educational Psychology
Poster 401	Olivia Kelley, Raga Yarlagaadda	Exploring the Role of Spatial Ability in Learning Activities and Outcomes in Science	<i>Dr. Logan Fiorella</i>	Educational Psychology
Poster 402	Julia Filosa	How Competence Beliefs Regarding STEM Research Careers and Stereotypes about Scientists Differ Based on Gender	<i>Dr. Michael Barger</i>	Educational Psychology
Poster 403	Saya Ito	Could Parental Mindset Encourage Child Engagement in a Probability Game?	<i>Dr. Michael Barger</i>	Educational Psychology
Poster 404	Lexi Putman	Child Engagement and How it Correlates with Parents' Autonomy Supportive and Controlling Behaviors	<i>Dr. Michael Barger</i>	Educational Psychology
Poster 405	Daisya Harmon	An Examination of Early Childhood Teachers' Planning Time Usage	<i>Dr. Erin Hamel</i>	Educational Psychology
Poster 406	Abby Hodgdon	Association Between School Climate, School Safety, and Middle School Students' Mental Health	<i>Dr. Kristen Bub</i>	Educational Psychology
Poster 407	Carolyn Bannon	Teacher Stressors and their Perceived Ability to Meet Students' Social and Emotional Needs Before, During, and After the COVID-19 Pandemic	<i>Dr. Kristen Bub</i>	Educational Psychology
Poster 408	Morgan Vicha	The Role of Leadership PACs in Shaping Electoral Outcomes: Insights from the 2018 and 2024 Election Cycles	<i>Dr. Chelsea Himsl Wesnofske</i>	Career Center

Poster 409	Raquel Laranjeira	Brazil's Humanitarian Visa Program for Haitian Migrants: A Critical Analysis of Policy Gaps, Regional Disparities, and Integration Challenges	<i>Dr. Erin Little</i>	International Affairs
Poster 410	Larissa Alves Lozano	The Dark Side of Scandinavian Sustainability: The Misrepresentation of Biomass and Nuclear Energy in Danish and International Environmental Policy Amidst Europe's Energy Transition	<i>Ms. Josephine Lau Jessen</i>	Study Abroad Mentor (Copenhagen)
Poster 411	Trinity Sampson	Hostage Justice: Political Power and the Crisis of Japan's Legal System	<i>Dr. Bryan Barber</i>	International Affairs
Poster 412	Julia Heins	The Dawn of a Digital Government: An Analysis of Japan's Local Political Structure	<i>Dr. Bryan Barber</i>	International Affairs
Poster 413	Michelle Ratteerree	Islands and Identity: Japan's Tactical Use of Nationalism for its Border Disputes	<i>Dr. Bryan Barber</i>	International Affairs
Poster 414	Ryan Wylie	Political Islam or Politicized Islam?: Typology of Co-Optation and Management of Islam in the Post-Soviet Central Asian Republics	<i>Dr. Bryan Barber</i>	International Affairs
Poster 415	Hannah Lee	Making Up and Breaking Up All Over Again: Examining When Religious Actors Support Authoritarian Regimes	<i>Dr. Jangai Jap</i>	International Affairs
Poster 416	Danté Whitehead	On Trade and Ecological Determinism: How The Little Ice Age Shaped The Eastern and Western World	<i>Dr. Joowon Yi</i>	International Affairs
Poster 417	Kaitlyn Doyle	Strategies of Political Entrepreneurs in Shaping International Economic Policy: The Case of Mario Draghi and the European Central Bank	<i>Dr. Joowon Yi</i>	International Affairs
Poster 418	Cate Leonard	Closing Doors: How Far-Right Politics Erode Refugees' Right to Work	<i>Dr. K. Chad Clay</i>	International Affairs
Poster 419	Anurag Bhagavathula	How to Facilitate Safe and Voluntary Repatriation: UNHCR's Role in Post-Assad Syria	<i>Dr. Joowon Yi</i>	International Affairs
Poster 420	Ladi Fashogbon	The Role of WTO Dispute Resolutions in Shaping the Political Leadership and Governance in Brazil	<i>Dr. Joowon Yi</i>	International Affairs
Poster 421	Lauren Hinton	Digital Media: The Algorithmic Shaping of Public Opinion and Nationalism	<i>Dr. Joowon Yi</i>	International Affairs
Poster 422	Melanie Kim	Does the United States Strategically Impose Biotechnology Export Controls?	<i>Dr. Maryann Gallagher</i>	International Affairs
Poster 423	Juliana Hartley	Gender Differences in the Legislative Activity of the 2023-2024 Regular Session of the Georgia General Assembly	<i>Dr. Charles Bullock III</i>	Political Science

Poster 424	Meera Srinivasan	From Ruby Red to Paling Pink: Partisan Realignment in Forsyth County, Georgia	<i>Dr. Charles Bullock III</i>	Political Science
Poster 425	Aarav Malhotra	Analysis of the Opioid Crisis in Georgia: The Effect of COVID-19 and Urban-Rural Trends	<i>Mr. James Byars</i>	Carl Vinson Institute of Government
Poster 426	Farah Charaniya	Gamified Cybersecurity Training: Reducing Phishing Susceptibility	<i>Dr. Mark Lupo</i>	Carl Vinson Institute of Government
Poster 427	Eric Kho	Systematic Literature Review: Gamification of Cybersecurity Awareness Training	<i>Dr. Mark Lupo</i>	Carl Vinson Institute of Government
Poster 428	Ashera Ly	The Assessment of Cybersecurity Compliance and Effectiveness of Gamification on Training and Education	<i>Dr. Mark Lupo</i>	Carl Vinson Institute of Government
Poster 429	Savannah E. Names	Cybersecurity Resilience as a Competitive Advantage: An Economic Perspective on Small Firms	<i>Dr. Mark Lupo</i>	Carl Vinson Institute of Government
Poster 430	Shelby Osteen	The Ethics of Large Language Models: Identifying Bias through Job Recommendations within the Tech Field	<i>Dr. Mark Lupo</i>	Carl Vinson Institute of Government
Poster 431	Judson Stricklin	Shining Bright: Firefly (<i>Photinus pyralis</i>) Flashes Contrast with Ambient Light during Peak Activity	<i>Dr. Kathrin Stanger-Hall</i>	Plant Biology
Poster 432	Ava McCain	Sex Ratio Variation of Chironomid Midges in Athens Ponds	<i>Dr. Alex Strauss</i>	Ecology
Poster 433	Abby Huggins	Exercise and Stress: How Short Moderate-Intensity Workouts Influence Cortisol Levels in College Students	<i>Dr. Jennifer Gay</i>	Health Promotion & Behavior

Oral Session 6, Tuesday, 9:35-10:50 a.m., Athena Breakout Rooms

Room B	Bryce Knoll	Challenges to the Use of Native Languages in the Northern Caucasus	Dr. Alexandra Shapiro
	Seneca Feys	Human Trafficking: A Comparison of Russia and the United States	Dr. Olga Thomason
	Lauren Thacker	Russian Media and Authoritarian Regimes: Attitudes and Issue Framing	Dr. Alexandra Shapiro
Room C	Anna Rachwalski	Ethical Management of AI-Triggered Organizational Threats: Perspectives from Public Relations Practitioners	Dr. Yan Jin
	Zaida Hutchings	Lost in Translation: The Evolution of Film Censorship in Japan	Prof. Benjamin Min Han
	Sean Manning	Soft Power in Action: The Strategic Use of Media and Aid by Great Powers	Dr. Maryann Gallagher
	Tori Vega	A Critical Analysis of Trauma, Victimization, and Empowerment in U.S. Latinx Immigrant Communities	Dr. Edward Delgado-Romero
Room D	Harshil Joshi, Avi Chopra	Investigating Intracellular and Extracellular Dynamics of Hyperphosphorylated Tau after TBI in a 3D TBI-on-chip Model	Dr. Lohitash Karumbaiah
	Gabriel Richardson	Pathological α -Synuclein Disrupts the Nuclear Pore Complex in Neuroinflammatory Models of Parkinson's Disease	Dr. Anumantha Kanthasamy
	Autumn Brooke Hampton	A Human Embryonic Stem Cell-Based Model Reveals the Cell of Origin of FOXR2-Activated CNS Neuroblastoma	Dr. Kosuke Funato
	Madelyn Richter	Evaluating Platelet Lysate as a Regenerative Therapy for Septic Arthritis in an Equine Synovial Tissue Model	Dr. John Peroni
Room G	Andy Tran	Nitrate and Nitrite Reducing Growth of Microorganisms from an Oak Ridge Reservation Contaminated Site in the Presence of Toxic Metals	Dr. Michael Thorgersen
	Kariana Colon	How Can Abiotic Factors and Insect Communities Impact the Safety of Your Food?	Dr. William E. Snyder
	Vaishnavi Balaji	Comparing Macronutrient and Micronutrient Levels in Conventional vs Organic Foods	Dr. Steven Holladay
	Luke Bowles, Raaga Bramhadevi, Thomas Moriarity, Seamus Lindberg	Fire Ant Colonies Improve Pavement Construction through Collective Learning	Dr. Horace Zeng

Room H	Anushi Nigam	The Role of Symptomatology in the Relationship Between White Matter Microstructure and Social Functioning in Psychosis	Dr. Jennifer McDowell
	Aashka Vaidya	Effects of Different Doses of Cottonseed Oil on Fasting Blood Lipids	Dr. Jamie Cooper
	Alana Gantley	Exercise's Effect on Insulin Levels Among Sedentary vs. Active College Students	Dr. Jennifer Gay
Room I	Finn Walsh	Mammalian Parasite-Sharing in Marine and Terrestrial Environments	Dr. Andrew Park
	Juliet Woodward	Comparing Tick Burden and Tick-Borne Pathogen Transmission Potential in Migratory Passerines in the Piedmont and Coastal Regions of Georgia	Dr. Michael Yabsley
	Natalie Newton	Hogging the Spotlight: Ticks, Wild Pigs, and the Challenge of Pathogen Transmission	Dr. Christopher Cleveland
	Payton Sisonick	Multiple Symbiont Effects on a Reef Building Coral	Dr. Craig Osenberg

Oral Session 7, Tuesday, 11:10 a.m. to 12:25 p.m., *Athena Breakout Rooms*

Room B	Elizabeth Vershkov	From the Shadows to the State: The Role of Organized Crime in Russia's Transition to Capitalism	Dr. Olga Thomason
	Chinelo Ireh	How Has Popular Cinema Affected the Public's Perception of Global Conflicts?	Dr. Ryan Powers
	Anastacia Stoyanov	Effects of Language on Public Opinion	Dr. Ryan Powers
	Madelyn Nadolski	Fate and Female Identity: Ottilie's Duality in Goethe's Elective Affinities	Dr. Martin Kagel
Room C	Kinsleigh Purvis	Building Confidence in Dementia Care Team Professionals: Continuing Medical Education Events about Alzheimer's Disease and Related Dementias	Dr. Jenay M. Beer
	Gabriela Castillo	Examining the Relation between Caregiver-Closeness, Familism, and Depression in Latinx Youth	Dr. Thania Galvan
	Charlie Stout	Dental Practice and the Challenge of Caring for Less Affluent Patients	Dr. James Coverdill
	Courtlyn Myers	Attitudes & Beliefs Regarding HPV among Undergraduate Students	Prof. Missy Jackson

Room D	Jake Czworka, Harish Vijayakumar	A Scoping Literature Review on Survey Instruments used to Examine STEM Graduate Students' Mental Health Experiences	Dr. Sarah Jane Bork
	Chioma Anyanwoke	Tones, Trends, and Tales of Undergraduate Biology Syllabi	Dr. Ania Majewska
	Alyssa Whitesell	Do Birds of a Feather Flock Together? Building and Testing the Effectiveness of a Similarity Intervention in Science Mentoring Relationships	Dr. Erin Dolan
Room G	Shivani Swaminathan	Stellar Flare Study of Open Clusters with TESS Data	Dr. Andrew Tran
	Clayton Reece	Utilizing a Low-Cost Telescope to Produce Color-Magnitude Diagrams of an Open Cluster	Dr. Inseok Song
	Sarah Margate	Material Properties and Water Retention: A Comparative Study on Fiber-Based Fabrics	Prof. Jennifer Crenshaw
Room H	Shubh Patel	Understanding the Development of Tumor Cells in Mammary Glands of Cancerous Mice	Dr. Tamas Nagy
	Nate Ortolano	Association Between the DLA-88*004:02 Allele and Anal Sac Carcinoma Development in an English Cocker Spaniel Family	Dr. Shaying Zhao
	Aarya Merchant	Structure and Mechanism of d-Glucosamine-6-phosphate Ammonia-lyase (DGL) R110A	Dr. Robert Phillips
Room I	Shriya Garg	Pan-Genome Analysis of <i>Avibacterium paragallinarum</i>	Dr. Tatum Mortimer
	Sloka Sudhin	d-QPSO: an R package for Identifying Efficient Designs under Generalized Linear Models	Dr. Abhyuday Mandal
	Jodie Stone	Genetic Identification of Cloned Ciliates Found in UGA	Dr. Branson W. Ritchie

Oral Session 8, Tuesday, 12:45-2 p.m., *Athena Breakout Rooms*

Room B	Emma Mineva	Terrorism or Resistance? Media Narratives of the Second Chechen War	Dr. Olga Thomason
	Jazlyn Piedra	The Economic Impact of AI-Driven Cyberwarfare Amidst the Russia-Ukraine War	Dr. Alexandra Shapiro
	Anastasia Robinson	Gender and Language in Russian: A Study of Verbal Associations	Dr. Olga Thomason
	Raelyn Morgan	Evasion and Enforcement: How Russia Bypasses American Sanctions on Oil Exportation	Dr. Olga Thomason
Room C	Rohan Srivatsa	Chromatic Expressionism: Analyzing Emotions and Cultural Dynamics in Italian Literature and Art through Color Analysis and Computational Methods	Dr. Katherine Ireland
	Ashlyn Goode	Remembering Linnentown through Public Participatory Art Practice	Dr. Jennifer Rice
	Jessica Muniz, Jamie Jordan	Historic Reese Street Mapping Project	Dr. Jerry Shannon
	Melanie Kim	U.S. Landmine Policy and Its Impact on Mine-Affected States	Dr. Joowon Yi
Room D	Anika Saxena	Characterizing the Lipid-Linked Glycan in Bordetella: Optimizing Extraction and MALDI Analysis	Dr. Maor Bar-Peled
	Arjun Rambhiya	Investigating the Impact of CADASIL Mutations on O-Linked Glycosylation of Notch3	Dr. Robert Haltiwanger
	Jackson Burns	Small Molecule Targeting of Atypical p38 Protects Against Viral Infection	Dr. Neil Grimsey
	Erika Landree	Evaluation of Cell Migration in a Novel Piezoelectric Three-Dimensional Breast Cancer Bone Metastasis Model	Dr. Cheryl Gomillion
Room G	Samantha Smallwood	"The Touch of Him" in Lady Chatterley's Lover	Dr. Adam Parkes
	Annabella Oipari	Protofeminist or Potentate? A Reassessment of Lady Mary Wortley Montagu's Writings	Dr. David Diamond
	Lily Hurn	Wandering Women and Enforced Motherhood: Gender Roles and Liberation in 1970s New Hollywood Cinema	Dr. Christopher Sieving

Oral Session 9, Tuesday, 2:20-3:35 p.m., *Athena Breakout Rooms*

Room B	Andrew Stefan	Militarism in Schools	Dr. Alexandra Shapiro
	Britton Hare	Linguistic Identity as State Strategy: The Role of Language Politics in Cameroon's Authoritarian Resilience	Dr. Pilar Chamorro
	Anna Worsley	From Molière to Nakamura: The Cultural Innovations and Tensions Surrounding the French Language	Dr. Jonathan Haddad
	Gavin Gillespie	Should Georgia Adopt Germany-Based Apprenticeship Programs?	Dr. David Mustard
Room C	Spencer Goss	Lest Ye Not be Judged: Ignatius Sancho's Secular Theology	Dr. David Mark Diamond
	Amelia Orr	Adaptation and Transformation: Mina Loy's Gender Satires	Dr. Susan Rosenbaum
	Kennedy Doucet	From Sharecroppers to Homeowners: The Members of Clarke County's Settlement Land Club and Their Legacies	Dr. Jane McPherson
Room D	Joanna Zhu	Biosynthesis of the Rare-Amido Sugars of b-Cool, a Glycan Factor Essential for Bordetella Colonization	Dr. Maor Bar-Peled
	Bella Stewart	The Effect of Agricultural Fungicides on Drug Resistance in <i>Cryptococcus neoformans</i>	Dr. Blake Billmyre
	Ana Clara Caobianco	Morphology and Movement Changes of Cloned Ciliate <i>Colpoda stenii</i> sp. During Starvation-Induced Encystment	Dr. Branson W. Ritchie
	Brantley Jenkins	Investigating the Role of Taurine in Bacteria-Phytoplankton Interactions	Dr. Mary Ann Moran
Room G	Ange Gladwin	Beyond Dadaism: Post-War Abstraction in Hannah Höch's Photomontages	Dr. Nell Andrew
	Isabel Saunders	Outside and In-Between: The Undefinable Quality of Paul Klee's Art	Dr. Nell Andrew
	Maribeth Smith	Jean-Michel Basquiat and the Reconfiguration of Modernism	Dr. Nell Andrew
	Kari Smith	Dora Maar: Surrealist Artist, Picasso's Tortured Muse or Mental Case?	Dr. Nell Andrew

Room H	Kaleb Wilson	Meret Oppenheim: Psychological Surrealism	Dr. Nell Andrew
	Lexi Martin	Enduring Ornament: A Dive into Baroness Elsa von Freytag-Loringhoven's Readymades	Dr. Nell Andrew
	Hannah Herman	Cézanne and Einstein: Space, Objects, and Perception across Art and Science	Dr. Nell Andrew
	Tallulah Sanders	Science and Spirituality through the Art of Hilma af Klint	Dr. Nell Andrew
Room I	Konnor Durrence	The Impact of Reversible Lysine Acetylation on a Biofilm-Regulating Transcription Factor (McbR) in <i>E. coli</i>	Dr. Jorge Escalante
	Colby Smith	Streamlining Fragment-Based Drug Discovery: Computational Screening for Selective Inhibitors of <i>T. gondii</i> Protein Disulfide Isomerase 3	Dr. Silvia Moreno
	Reese Groover	The Role of 17 β -estradiol on Mitochondrial Enzyme Activity in a Murine Model of Volumetric Muscle Loss Injury	Dr. Jarrod Call

Oral Session 10, Tuesday, 3:55-5:10 p.m., Athena Breakout Rooms

Room B	Reva Read	The Effects of Salts on the Synthesis of Oligosaccharides Involved in Host Colonization by the Alcaligenaceae Bacteria	Dr. Maor Bar-Peled
	Cameron Ibarra	Hypothiocyanite-mediated Killing of <i>Pseudomonas aeruginosa</i>	Dr. Balazs Rada
	Angelina Laramie	Defining Immune Responses Elicited by a Novel Influenza Protein Carrier Vaccine	Dr. Stephen M. Tompkins
	Tiffanie Torrey	Environmental Advantages in the Application of Municipal Wastewater Influent as Culture Media of Cyanobacteria <i>Synechocystis</i> sp. PCC6803	Dr. Branson Ritchie
Room C	Sreeja Challa	Minimal Plant Genome	Dr. Robin Buell
	Amman Khan	The Emergence of Aneuploidy in <i>Cryptococcus neoformans</i>	Dr. Blake Billmyre
	Aquinas Voss	Regulation of Somatotrophic Genes by Thyroid Hormone in Avian Muscle Cells	Dr. Laura Ellestad
	Will Johnson	Testing Germination Treatments for Plantlet Regeneration from Transgenic Somatic Embryos of <i>Cornus florida</i> (Flowering Dogwood)	Dr. Dayton Wilde

Room D	MaiAnh Doan	The Performance of Transracialism on TikTok	Dr. Mark Cooney
	Aayush Umesh	Spoilation: A Critical Reflection on a Year of Interdisciplinary Archaeology	Dr. Jaclyn Nolan
	Alex Watts	Autism and BDSM: The Impact of Communication within Sexual Scripts	Dr. Anna Rogers
	Sarah Carnes	Research Trends in Colobine Loud Calls: Examining Potential Bias in Vocal Communication Studies	Dr. Roberta Salmi
Room G	Ashlie Brunny	The Created Person as Art: Joseph Beuys and the Performance of Life	Dr. Nell Andrew
	Pete Cherry	Aesthetics of Banality: Jasper John's Flag Series and Claes Oldenburg's The Street	Dr. Nell Andrew
	Audrey Westray	The Leyendecker Proposal: Bridging the Gap Between Popular Culture and Fine Art	Dr. Nell Andrew
	Caroline Moore	CoBrA: Revolutionary Experimentation and Collective Process	Dr. Nell Andrew
Room H	Manasa Prasad	Genetic Surveillance of <i>Bartonella</i> Species in Wildlife at Lincoln Park Zoo	Dr. Christopher Cleveland
	Lilly Cheatham	Molecular Detection of Hemotropic Mycoplasma Species in Domestic Dogs from Rural Communities in Panama and their Environmental and Physiological Correlates	Dr. Nicole Gottdenker
	Reina Scott	Interspecific Infighting: How Competitors, not Predators, Drive Daphnia Densities and Metschnikowia bicuspidata Infections	Dr. Alexander Strauss
	Bri Roberson	Glowing Green: A Quantitative Analysis of Photoluminescence in North American Bats	Dr. Steven Castleberry

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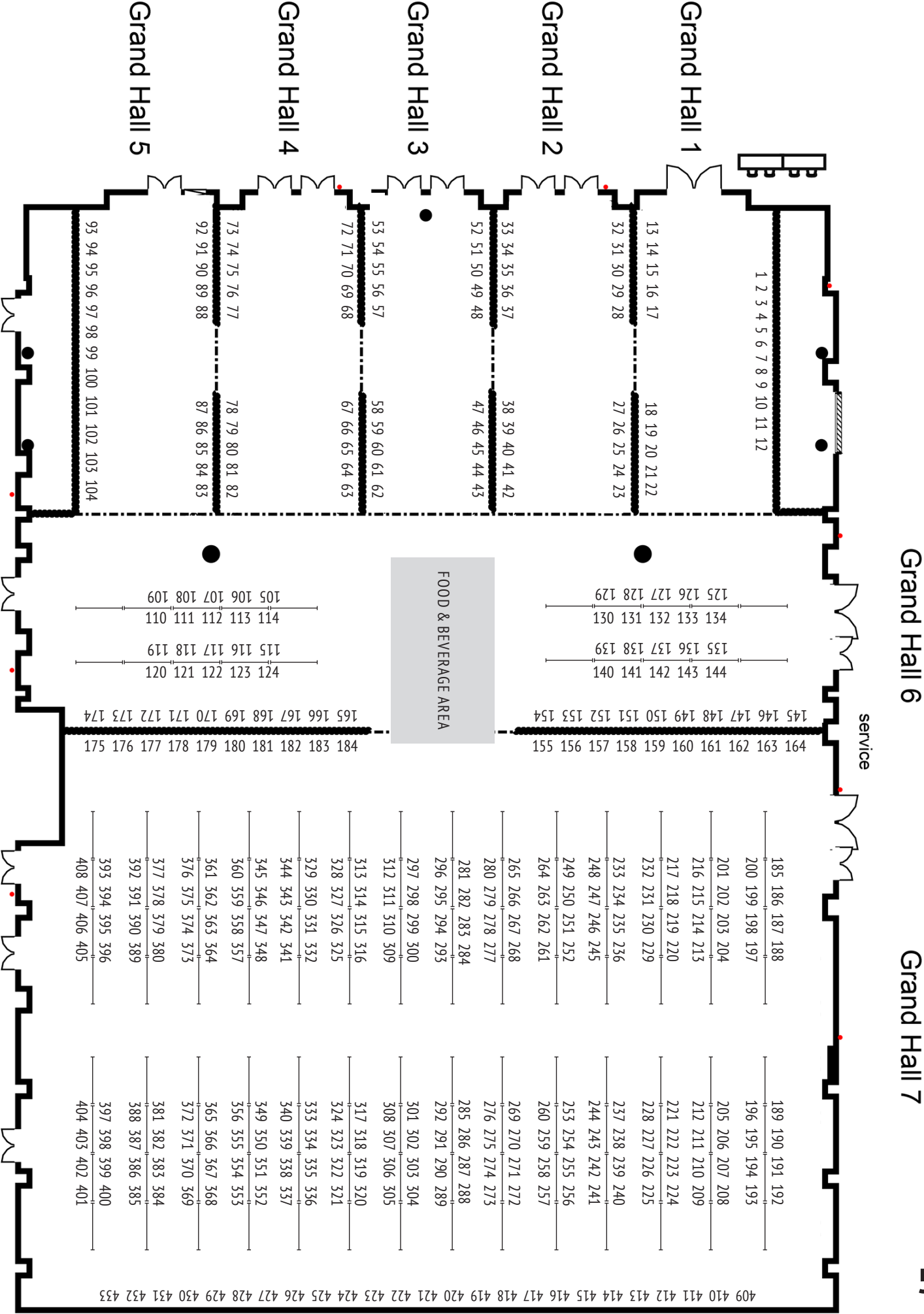
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