



UNIVERSITY OF  
**GEORGIA**

Center for Undergraduate  
Research Opportunities

2026

**CURO**

Symposium

highlighting UGA's undergraduate research

April 20-21, 2026 | Classic Center  
Athens, GA

**Program**



# 2026 CURO Symposium

highlighting UGA's undergraduate research

**Welcome to the 2026 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 27th anniversary of the CURO Symposium. The 2026 Symposium features 937 undergraduates communicating their substantial research accomplishments. The presenters are pursuing 200-plus different majors from 16 schools and colleges and are conducting research with faculty members from departments, units, and offices across campus.

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 20, 2026

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

All Day

### Café Curo

*Athena Room A*

8:15-9:35 a.m.

### Oral Session 1

9:55-11:15 a.m.

### Oral Session 2

11:35 a.m. to 12:55 p.m.

### Oral Session 3

1:15-2:35 p.m.

### Oral Session 4

1:15-2:35 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 & Atrium*

## Tuesday / April 21, 2026

All Day

### Café Curo

*Athena Room A*

8:15-9:35 a.m.

### Oral Session 5

9:55-11:15 a.m.

### Oral Session 6

11:35 a.m. to 12:55 p.m.

### Oral Session 7

1:15-2:35 p.m.

### Oral Session 8

2:55-4:15 p.m.

### Oral Session 9

# CURO Research Mentoring Awards

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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 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 2026 recipients are **Dr. Erin Dolan**, left, *Josiah Meigs Distinguished Teaching Professor in the Department of Biochemistry & Molecular Biology and Georgia Athletic Association Professor of Innovative Science Education, Franklin College of Arts and Sciences*; and **Dr. Roberta Salmi**, right, *Associate Professor, Department of Anthropology, Franklin College of Arts and Sciences*. Previous recipients and their years are listed below.



## 2025 recipients

- **Dr. Deborah A. Barany**, Assistant Professor, Department of Kinesiology, Mary Frances Early College of Education and Augusta University/UGA Medical Partnership
- **Dr. Jarrod Call**, Professor of Physiology & Pharmacology, College of Veterinary Medicine

## 2024 recipients

- **Dr. Ramvijas 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. Xiaoqin 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

# 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; Public Service and Outreach; 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 2026 CURO Symposium are listed below, along with their research topics and faculty mentors.

## ARTS, HUMANITIES, AND MEDIA

### **Nathan Haynes**

*Does Literary Criticism Have a Future? Representational and Technological Ambiguity in the Age of Generative Artificial Intelligence*  
Faculty Mentor: Rodrigo Martini

## BUSINESS

### **Sophia Beasley**

*Laugh Now, Litigate Later: Why Memes Challenge the Foundations of Intellectual Property*  
Faculty Mentor: Mike Schuster

## LIFE SCIENCES

### **Noah Klugman**

*CS-Hydrogels Facilitate Chronic Motor and Sensorimotor Recovery After Severe Traumatic Brain Injury*  
Faculty Mentor: Lohitash Karumbaiah

## PHYSICAL AND ENVIRONMENTAL SCIENCES

### **Lia Mathews, Cameron Rene Halaby, Agni Athreya, Charles Sagely,**

### **Yoshna Agarwal, Anish Banda**

*VIPR: Enhancing 3D Reconstruction Using Multi-Objective Loss Functions in Neural Radiance Fields for Broad-scale Outdoor Scenes*  
Faculty Mentor: Deepak Mishra

## PUBLIC AND INTERNATIONAL AFFAIRS

### **Sophia Nguyen, Rohan Srivatsa, Jason Eappen**

*Measuring Division: The Language of Dissent in the Supreme Court and American Polarization*  
Faculty Mentor: Katherine Ireland

## PUBLIC SERVICE AND OUTREACH

Sponsored by the Office of Service-Learning

### **Claire Scafidi**

*Identity and Art for Community Resilience in Gainesville, Georgia*  
Faculty Mentor: Leigh Askew Elkins

## SOCIAL SCIENCES

### **Lauren Smith**

*The Effects of Live versus Recorded Music on the Engagement of Adults with Intellectual and Developmental Disabilities in Music Therapy*  
Faculty Mentor: Ellyn Evans

## TECHNOLOGY, ENGINEERING & MATH

### **Ella Wileman, Bhargav Gudapati, Nivedha Natarajan, Kristian Pitshugin, Swapnil Roy**

*VIPR CoolDawgs: Building Wearable Sensor and Mobile Application for Canine Heat Stress Detection*  
Faculty Mentor: Bradley Barnes

# Libraries Undergraduate Research Awards

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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.

The award celebrates the different kinds of research projects students participate in and, more importantly, what they learned from the process. Submissions across all formats are encouraged and evaluated based on their creativity, clarity of expression, and research process reflection.

Recipients for the 2026 CURO Symposium are listed below, along with their project title and project medium.

FIRST PLACE

**Raquel Beatriz Caldas Laranjeira**

*Turning Data into Light: A Research Journey*

Project medium: Poem

SECOND PLACE

**Dharshine Priya Jayakrishnan**

*Unraveling an Archival Murder Mystery: My CURO Research Journey*

Project medium: Interactive presentation

THIRD PLACE

**Norah Philipp**

*Archival Translation: Analog Research for the Digital Era*

Project medium: Animation and image

HONORABLE MENTION

**Rebecca Bohn**

*Redlining and Health Outcomes Reflection*

Project medium: Comic strip

HONORABLE MENTION

**Zachary Stiles**

*Reflections on Research, a Video Essay*

Project medium: Video essay

## Oral Session 1, Monday, 8:15-9:35 a.m., *Athena Breakout Rooms*

<b>Room B</b>	<b>Becca Kann</b>	Exploring the Association between ADHD and the Relationship Quality of Couples	<i>Dr. Ted Futris</i>
	<b>Rachna Murugula</b>	Growing Up Hungry: How Food Deserts Affect Child Development	<i>Dr. Dawn T. Robinson</i>
	<b>Hannah-Marie Dutton</b>	Longitudinal Associations Among Home, Community, and Child Behavioral Risk Across Early Adolescence	<i>Dr. Drew Abney</i>
	<b>Morgan Arrington</b>	The Effects of Siblings on the Instances of Negative Emotion in Children	<i>Dr. Niyantri Ravindran</i>
	<b>Sara Simkins</b>	Connecting Medication, Age, and White Matter in Psychosis	<i>Dr. Jennifer McDowell</i>
<b>Room C</b>	<b>Michael Landry</b>	Investigation of the Role of Lipopolysaccharide in the Virulence of <i>Kingella kingae</i> , an Emerging Pediatric Pathogen	<i>Dr. Artur Muszyński</i>
	<b>Trisha Thalanki, Arwen Dale,</b>	<i>Achromobacter xylosoxidans</i> GN050 Biosynthesis of Lipopolysaccharide (LPS) and Their Role in Biology	<i>Dr. Maor Bar-Peled</i>
	<b>Maddie Wilson</b>	In Vivo Assembly of <i>Bordetella</i> Colonization Oligosaccharide	<i>Dr. Maor Bar-Peled</i>
	<b>Poorvi Iyer, Pablo Ashi</b>	Development of a Novel Extracellular Vesicle-Based Biomarker Approach for Pediatric High-Grade Glioma	<i>Dr. Kosuke Funato</i>
	<b>Niha Saini</b>	Drug Discovery for Mucopolysaccharidosis Type IIIA	<i>Dr. Ryan Weiss</i>
<b>Room D</b>	<b>Benton Kleiber</b>	Post-Industrial Expansion: Advocating for Small-Town Brownfield Redevelopment	<i>Prof. Alfie Vick</i>
	<b>Veronika Viazovaia</b>	Transformation of Kazakhstan's Architectural Landscape in the Transition Period	<i>Prof. Matthew Ryan Riggs</i>
	<b>Claire Scafidi</b>	Identity and Art for Community Resilience in Gainesville, Georgia	<i>Leigh Askew Elkins</i>
	<b>Sam Olvey</b>	Learning from the Past, Accelerating Towards the Future: A History of CAIS	<i>Dr. Megan A. Conger</i>
	<b>Anna Rose Powell, Elizabeth Pierce, Trinity DeLima, Savannah Celeste Scott, Sydney J. Cole</b>	VIPR: "Beyond Outreach: Sustained Humanities Engagement Between UGA and Tift County"	<i>Dr. Sharina Maïllo-Pozo</i>
<b>Room G</b>	<b>Temilope Alna</b>	Contextualizing Longitudinal Growth in the Metacognition of Undergraduate Life Science Students: A Case Study	<i>Dr. Julie Dangremond Stanton</i>
	<b>Gheed M. Nafea</b>	Examining the Relationship Between Metacognitive Monitoring and Problem Solving Performance in Life Science Majors	<i>Dr. Julie Dangremond Stanton</i>
	<b>Rayna J. Carter</b>	Regulation Across the Years: A Longitudinal Analysis of Metacognition in Life Science Students at Georgia Gwinnett College	<i>Dr. Julie Dangremond Stanton</i>
	<b>James Squires</b>	Persistent Homology for Early Identification of At-Risk Students in Introductory Physics Courses	<i>Dr. Nicholas T. Young</i>

# Monday, April 20, 2026

<b>Room H</b>	<b>Ben Haines-Eitzen</b>	Symbiont Diversity in Aphids Allows Parasitoid Co-existence	<i>Dr. Kerry Oliver</i>
	<b>Selina Sun</b>	Correlating Infection Sites and Sexual Behavior to Genetic Variations in Bacteria Responsible for Sexually Transmitted Infections	<i>Dr. Tatum Mortimer</i>
	<b>Edie Sharpton</b>	The Determination of ZP Protein Components of the Germinal Discs of Various Avian Eggs	<i>Dr. Andrew Benson</i>
	<b>Shelby Greer</b>	Effects of Pig Weaning Weight and Sex on Growth Performance, Fecal Score, and Blood Antioxidant Capacity in Early Nursery Period	<i>Dr. Young Dal Jang</i>
<b>Room I</b>	<b>Nivedha Natarajan, Kristian Pitshugin, Bhargav Gudapati, Sydney Staggs, Nikita Neeli</b>	VIPR CoolDawgs App: A User-Centric Application for Canine Heat Stress Mitigation	<i>Dr. Lakshmish Ramaswamy</i>
	<b>Ella Wileman, Nivedha Natarajan, Bhargav Gudapati, Kristian Pitshugin, Swapnil Roy, Sophia Rhoads</b>	VIPR CoolDawgs: Building Wearable Sensor and Mobile Application for Canine Heat Stress Detection	<i>Dr. Bradley Barnes</i>
	<b>Ella Wileman, Swapnil Roy, Disha Dhangar, Sydney Staggs, Manaswi Gorle</b>	VIPR CoolDawgs: Application Personalization and Event Detection through Machine Learning Methods	<i>Dr. Lakshmish Ramaswamy</i>
	<b>Will Schuurman, Salma Hanifa</b>	Citric Acid Crosslinking of Nanofibrillated Cellulose and Chitosan Coatings for Enhanced Dye Retention in Textile Applications	<i>Dr. Suraj Sharma</i>
	<b>Owen Coleman</b>	Synthesis and Properties of a Copper-Containing Nitrite Reductase Mimic	<i>Dr. Todd Harrop</i>

## Oral Session 2, Monday, 9:55-11:15 a.m., Athena Breakout Rooms

<b>Room B</b>	<b>Noah Klugman</b>	Modified Neurological Severity Score and Vertical Cylinder Assessments in a Rat Severe Traumatic Brain Injury Model	<i>Dr. Lohitash Karumbaiah</i>
	<b>Benjamin Lefkovits</b>	The Effects on Selected Motor Function, Cognition Behavior, and Brain Pathology in Mice with Gulf War Illness Treated with the Immunotherapeutic LNFPIII and an Inulin Diet	<i>Dr. Nikolay Filipov</i>
	<b>Arianna Brown</b>	Therapeutic Delivery of Induced Neural Stem Cells Modulates Pathological Outcomes After TBI in a Translational Pig Model	<i>Dr. Franklin West</i>
	<b>Anisha Hadimani</b>	Glycosaminoglycan Hydrogel Implants Facilitate Forelimb Motor Recovery After Severe Traumatic Brain Injury	<i>Dr. Lohitash Karumbaiah</i>
	<b>Fatima Manzar</b>	Identifying PK2-Expressing Cell Types in the Brain of Parkinson's Disease Mouse Models	<i>Dr. Anumantha Kanthasamy</i>

Room C	Adam Rose	Prevalence of <i>Leptospira</i> spp. in Mesocarnivores from North Carolina	<i>Dr. Christopher Cleveland</i>
	Savanna Evans	<i>Colpoda steinii</i> Swimming Patterns Under Decreasing Nutrient Availability	<i>Dr. Travis Ichikawa</i>
	Ellie Nease	Predators, Parasites, and Prey: Testing the Effects of <i>Gambusia</i> Predation and Parasitic Disease on <i>Daphnia dentifera</i> over Time	<i>Dr. Alexander Strauss</i>
	Pranavi Kuravi	Pastured Poultry Impacts on the Arthropod Community	<i>Dr. William Snyder</i>
	Lauren Tanner	Comparing Catch of Atlantic and Shortnose Sturgeon Based on Net Type	<i>Dr. Adam Fox</i>
Room D	Madison J. Caspers	The Evolving Role of Chatbots in Chemistry Learning: A Longitudinal Study of Student Perceptions and Use	<i>Dr. Brandon Yik</i>
	Vincent Van Epps	Developing an Empathetic Large Language Model Peer-Bot for Young Adult Financial Anxiety Support	<i>Dr. Gaurav Ranjan Sinha</i>
	Carter Kim	Artificial Intelligence in the Workplace: How Agentic Interaction Type and Communication Style Affect Financial Decision Making and Human Behavior	<i>Dr. Aaron Schecter</i>
	Landon Drapatsky	The Impact of COVID-19 on Consumer Behavior Across Different Income Groups	<i>Dr. Maduranga Dassanayake</i>
Room G	Lyle Paquette	Stuck in the Middle with Vous? A Comparative Approach to the Framing of French-American and Sino-French Relations in the French Press	<i>Dr. Maureen DeNino</i>
	Julia Heins	Cultural Resistance in Practice: The Counter-Hegemonic Politics of Jamel Rockt den Förster	<i>Dr. Jan Uelzmann</i>
	William Titshaw	The Illness of the Liberal Arts, and St. Augustine's Diagnosis	<i>Dr. Erika Hermanowicz</i>
	Chandra Sunkara	Heritage Textiles: Sustainability, Women, and Colonialism	<i>Dr. Sha'mira Covington</i>
Room H	Oscar de la Torre	Generating MLO-Knockout Flowering Dogwood Using Embryogenic Cultures	<i>Dr. Lav Yadav</i>
	Will Johnson	Transforming Flowering Dogwood Using Embryogenic Cultures	<i>Dr. Lav Yadav</i>
	Marlee Greenspan	Investigating the Role of Germ Cell Number in Amhy-driven Sex Determination in Threespine Stickleback Fish	<i>Dr. Mike White</i>
	Gabrielle Lum	Impact of Dietary Protein Manipulation in Standardized Digestibility Assay Diets on Gut Morphometrics and Jejunal and Hepatic Gene Expression in Broilers	<i>Dr. Oluyinka Olukosi</i>
	Gabriel Lobdell	Modeling the Impacts of Atmospheric Dust on Aggregation and Sinking Dynamics of Phytoplankton Detrital Particles	<i>Dr. Adrian Burd</i>

# Monday, April 20, 2026

<b>Room I</b>	<b>Evan Self</b>	Improving Wheelchair Accessibility in Small Cars	<i>Dr. John Mativo</i>
	<b>Chrystian Martin, Glona Bang</b>	LLM Integration for Smart Factory Control via IoT	<i>Dr. Jaime Camelio</i>
	<b>Karthikeyan Rajkumar Jayapriya</b>	When Lives are Data: A Python-Based Assisted Tool for Detecting ESP-32 Medical Software Vulnerabilities	<i>Dr. Wenzhan Song</i>
	<b>Sumedha Tunga</b>	Turning Anecdotes Into Heuristics – Figuring Out the UGA Bus System	<i>Dr. Lan Mu</i>
	<b>Kerry Syhavong</b>	VIPR: Development of an Automated Gait Scoring System for Broiler Chickens Using Multimodal Sensing and Machine Learning	<i>Dr. Guoming Li</i>

## Oral Session 3, Monday, 11:35 a.m. to 12:55 p.m., *Athena Breakout Rooms*

<b>Room B</b>	<b>Benjamin Brown</b>	Dance from Music in Extended Reality	<i>Dr. Rebecca Atkins</i>
	<b>De'Nasia Thomas</b>	An Application of W.E.B Du Bois's Concept of "Double Consciousness" to Beyoncé's Cowboy Carter	<i>Dr. Richard Lee</i>
	<b>Nika Shlomi</b>	From Studio to Stage: Exploring a Personal Journey of Turning Movement into Magic	<i>Dr. Lisa Fusillo</i>
	<b>Victoria Rose Fitzgerald</b>	Effects of Focus of Attention on Muscle Activity of Singers	<i>Dr. Rebecca Atkins</i>
<b>Room C</b>	<b>Colin Lemaistre</b>	Global French, Local Practice: A Case Study of Benin Youth	<i>Dr. Jonathan Haddad</i>
	<b>Sam Schiappa</b>	Environmental History and Epistemology of History in Early Medieval France	<i>Dr. Jan Pendergrass</i>
	<b>Benen Chancey</b>	Ginga and Groove: Blues and Capoeira Epistemologies in Cross-Cultural Conversation	<i>Dr. Cecília Rodrigues</i>
	<b>Britton Hare</b>	Documenting the Semantic Variation of Navajo Pluractionality	<i>Dr. Pilar Chamorro</i>
<b>Room D</b>	<b>Luke Netto</b>	The Return of Catholic Integralism and Implications for American Jurisprudence	<i>Dr. Logan E. Sawyer III</i>
	<b>Sophia Beasley</b>	Laugh Now, Litigate Later: Why Memes Challenge the Foundations of Intellectual Property	<i>Prof. Mike Schuster</i>
	<b>Riley Eckstrom</b>	From Regulation to Reality: Implementing an Effective Enforcement Model for Chile's Data Privacy Law	<i>Dr. Marisa Anne Pagnattaro</i>
	<b>Caroline Kraeuter, Georgia Noori, Caroline Roshelli, Fiona Leary, Angela Lynden</b>	VIPR: Digital Platforms, Tourism, and Established Community in Rural Georgia	<i>Dr. Dana Bultman</i>

<b>Room G</b>	<b>Agni Athreya</b>	Reverse Engineering Epson ET-3850 Firmware: Certificate Chain Vulnerabilities & Cloud MITM Risks	<i>Gary Luke Mason</i>
	<b>Yao Liew</b>	Adversarial Attacks Against SMS Phishing Detection Systems	<i>Dr. Jaewoo Lee</i>
	<b>Hassan Hassan</b>	IoT Sweep: Proactive Monitoring of Smart Home Security Through Network Traffic and Vulnerability Analysis	<i>Dr. Karthika Subramani</i>
	<b>Shreya Adhikari</b>	VIPR: Automatic Analysis of Behavioral Activity Levels in Salmonella Infected and Non-infected Broilers	<i>Dr. Guoming Li</i>
<b>Room H</b>	<b>Andrew Stefan</b>	Book of Veles Connection to Nationalism in Russia and Ukraine	<i>Dr. Alexandra Shapiro</i>
	<b>Zane Sylvester</b>	Human Rights in Abkhazia from 1993 to Today	<i>Dr. Olga Thomason</i>
	<b>Heather Bittle</b>	Repression in Contemporary Russia: Legal Framework and ECHR Jurisprudence	<i>Dr. Alexandra Shapiro</i>
	<b>Chris Haswell</b>	Corporate Sovereignty in the Digital Age: Platform Governance and the Structural Amplification of Authoritarian Disinformation	<i>Dr. Victoria Hasko</i>
<b>Room I</b>	<b>Maya Verano</b>	Evaluating Fisherman Safety in Southern Georgia - a Focus Group Qualitative Analysis	<i>Dr. Jennifer Gay</i>
	<b>Aditi Ravi, Vincent Van Epps</b>	The Myth of Algorithmic Neutrality: What "Neutral" Student Debt Posts Reveal	<i>Dr. Gaurav Ranjan Sinha</i>
	<b>Arine Kim</b>	Where AI Needs Humans: A Systematic Review of Human-in-the-Loop in Mental Health Chatbots	<i>Dr. Gaurav Ranjan Sinha</i>
	<b>Arya-Kay Brown</b>	Early Childhood Trauma, Adolescent Substance Use, and Neurocognitive Outcomes in Psychosis	<i>Dr. Jennifer McDowell</i>
<b>Room J</b>	<b>Keren Oh</b>	Pil-Chp Gene Function in <i>Pseudomonas aeruginosa</i> Twitching Motility	<i>Dr. Courtney Ellison</i>
	<b>Ayden Mamaghani</b>	How Does Salmonella Sense the Stress of its Neighbors?	<i>Dr. Jorge Escalante</i>
	<b>Nalin Dechkampu</b>	Studying the Mechanisms Behind Mitochondrial Uniparental Inheritance in <i>Cryptococcus neoformans</i>	<i>Dr. Xiaorong Lin</i>
	<b>Daniel Lanier</b>	Cross-Reactive Recognition of Fusarium Solani KEX1 Recombinant Protein by Anti-NXT-2 Antibodies	<i>Dr. Karen Norris</i>
	<b>Joanna Zhu, Lauren Silverman</b>	Characterization of a Novel Aminotransferase That Produces Rare Sugar Modifications of the Bordetella Colonizing Oligosaccharide (b-Cool)	<i>Dr. Maor Bar-Peled</i>

## Oral Session 4, Monday, 1:15-2:35 p.m., *Athena Breakout Rooms*

<b>Room C</b>	<b>Carleigh Brisendine</b>	Digitizing Historical Clothing Collections for Improved Access and Engagement	<i>Dr. Monica Sklar</i>
	<b>Norah Philipp</b>	The Peabody Awards Collections LibGuide: Developing a Research Guide for the Peabody Awards Archival Materials	<i>Mary Miller</i>
	<b>James Callaham</b>	Visual Language and Emotional Perception: A Study of Color and Composition in Museum Works	<i>Alexis Gorby</i>
	<b>Sameeka Prabath Rajamani, Casey Ellen Pac, Karina Mendoza</b>	Testing the Impact of Visual Features of Public Health Campaign Messages	<i>Dr. Chelsea Ratcliff</i>
	<b>Will Tritto</b>	Speedos: From Casual Coastal Europe to the Queer U.S.—A Study of Queer Ecology, Place and Belonging	<i>Dr. Sha'Mira Covington</i>
<b>Room D</b>	<b>Jason Eappen, Rohan Srivatsa, Meryem Acioz, Sophia Nguyen</b>	Measuring Division: The Language of Dissent in the Supreme Court and American Polarization	<i>Dr. Katherine Ireland</i>
	<b>Makayla Bangoura</b>	Do Certain Kinds of UN Military Peacekeeping Missions Reduce Violations of Children's Right to Education in Active Conflict Zones?	<i>Dr. K. Chad Clay</i>
	<b>Ava Godbey</b>	The Economic Side Effects: The Impact of U.S. Tariffs on the Export of Chinese Raw Pharmaceutical Goods Since 2018	<i>Dr. Justin Conrad</i>
	<b>Logan Magilligan</b>	Preventing and Nullifying Mass Attacks Through Behavioral Threat Assessment and Mass Casualty Incident Preparedness Training	<i>Dr. Michelle Ritchie</i>
<b>Room G</b>	<b>Kathleen Miller</b>	The Role of Abraçada Cells as a Potential Niche for Stem Cell Function	<i>Dr. Rachel Roberts-Galbraith</i>
	<b>Corbin McKay</b>	Human Pluripotent Stem Cell Derived Models to Investigate Familial Dysautonomia Mechanisms and Potential Treatments	<i>Dr. Nadja Zeltner</i>
	<b>Lily Watts</b>	Quantifying the Effects of Extracellular Matrix Composition on Breast Cancer Cellular Morphology	<i>Dr. Cheryl T. Gomillion</i>
	<b>Maddison Gay</b>	Investigating How Partial-Loss of Synaptonemal Complex Alters Recombination	<i>Dr. Katherine Billmyre</i>
	<b>Kaitlyn Eichele</b>	Targeting, Diversification, and Horizontal Transfer of W.e.i.1 Group II Introns in Wolbachia	<i>Dr. Kelly Dyer</i>

<b>Room H</b>	<b>Sophia Hou</b>	Ahab as Pilot-Prophet: Biblical Typology, Sermonic Form, and Narrative Voice in Melville's Moby-Dick	<i>Dr. Cody Marrs</i>
	<b>Levi Hubbard</b>	The Aftermath of America in D.H. Lawrence	<i>Dr. Adam Parkes</i>
	<b>Nathan Haynes</b>	Does Literary Criticism Have a Future? Representational and Technological Ambiguity in the Age of Generative Artificial Intelligence	<i>Dr. Rodrigo Martini</i>
	<b>Caroline Moore</b>	Reclaiming Craft: Rhetorical Labor Within The Guild of Women Bookbinders	<i>Dr. James Dylan Sargan</i>
<b>Room I</b>	<b>Rowan Starr</b>	Ecocide in the Ukraine War	<i>Dr. Alexandra Shapiro</i>
	<b>Skye Palmer</b>	The Evolution of the Concept of "Terrorism" and Its Role in the Russian Media Space	<i>Dr. Alexandra Shapiro</i>
	<b>Sarah Ellington</b>	The Life Cycles in Slavic Folklore and Ancient Greece: Hatched and Dispatched	<i>Dr. Olga Thomason</i>
	<b>Bridget Peach</b>	A Lasting Influence: Russian Language Minorities in the Post-Soviet World	<i>Dr. Olga Thomason</i>
	<b>Julia Wickman</b>	Sustainable Development and Geopolitical Competition in the Arctic	<i>Dr. Olga Thomason</i>
<b>Room J</b>	<b>Widener Norris</b>	Evaluating HA Immunodominance over NA Using Rationally Coformulated Recombinant Influenza Vaccines (RIVs)	<i>Dr. Mark Tompkins</i>
	<b>Ben Starks</b>	Synaptojanin 1 (SYNJ1) Haploinsufficiency Causes Impaired Autophagy and Age-Dependent Decreased Dopamine Release in Dorsal Striatal Slices	<i>Dr. Hui Zhang</i>
	<b>Emma Gartland</b>	Motor Development and Gesture-Based Communication in Infancy	<i>Dr. Drew Abney</i>
	<b>Khadija Ayub</b>	Structural, Computational, and Evolutionary Analysis of Calmodulin- $\alpha$ Interactions	<i>Dr. Jeffrey Urbauer</i>
	<b>Carson Kennedy</b>	Investigating the Neuromuscular Connection in Children with Cerebral Palsy	<i>Dr. Christopher Modlesky</i>

## 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**

Andrea Silletti, *CURO Program Coordinator, 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*

### **UGA Libraries' Undergraduate Research Awards**

Toby Graham, *University Librarian and Associate Provost, UGA Libraries*

### **Introduction of the Keynote Speaker**

### **Keynote Address**

**Maryann E. Gallagher**, *Director of the Richard B. Russell Security Leadership Program,  
Senior Lecturer in the Department of International Affairs, School of Public and International Affairs*

### **Closing Comments**

Meg Amstutz

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

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

Poster 1	<b>Phillip Salzinger</b>	Song Sparrow Behavioral Differences Across a Gradient of Urbanization	<i>Dr. Richard Hall</i>	Stamps, Ecology
Poster 2	<b>Jessica Muniz</b>	Can Rubberized Road Material Reduce the Urban Heat Island Effect?	<i>Dr. Andrew Grundstein</i>	Stamps, Geography
Poster 3	<b>Owais Kamran</b>	Comparing Coastal Wetland Land Use/Land Cover Products	<i>Dr. Courtney Di Vittorio</i>	Stamps, Engineering, Wake Forest University
Poster 4	<b>Zinn Amos</b>	INTACT-olotl: A Dynamic Method for Cell-Type Specific Profiling of Pro-Regenerative Cell-Types	<i>Dr. Joshua Currie</i>	Stamps, Biology, Wake Forest University
Poster 5	<b>Maxi Brogi</b>	Extending DeepPath for Protein-Nucleic Acid Conformational Pathway Prediction	<i>Dr. JC Gumbart</i>	Stamps, Physics, Georgia Institute of Technology
Poster 6	<b>Mia Jastrzembksi</b>	Comparison of Jet and Mesh Nebulizer Characteristics and Deposition in a Stochastic Lung Model	<i>Dr. Sinjae Hyun</i>	Stamps, Biomedical Engineering, Mercer University
Poster 7	<b>Kaylee Nichols</b>	Multi-Axial Flange for Mercer Universal Prosthesis	<i>Dr. Ha Van Vo</i>	Stamps, Biomedical Engineering, Mercer University
Poster 8	<b>Ria Tamrakar</b>	Comparative Analysis of Eubacteria in Avian Excreta with Eubacteria in Porcine and Equine Feces on a Georgia Farm	<i>Dr. Jonathan Coffman</i>	Stamps, Medicine, Mercer University
Poster 9	<b>Emmanuel Attah</b>	Miniaturized Constant Current Stimulator from High Voltage Pulses	<i>Dr. Mark Brinton</i>	Stamps, Engineering & Computer Science, Elizabethtown College
Poster 10	<b>Ayanna Rohil</b>	A Multi-Omics Approach to Identifying Novel Therapeutic Targets: Characterizing the Role of Epigenetic Regulator X* in Kidney Fibrosis Development	<i>Dr. Amrendra K. Ajay</i>	Stamps, Nephrology, Ohio State University
Poster 11	<b>Jaleea Gamble</b>	Tipping the Scales: The Effect of Pollutant Benzo[a]pyrene Exposure on Mouse Weight	<i>Dr. Vanessa Hale</i>	Stamps, Veterinary Medicine, Ohio State University
Poster 12	<b>Mahita Vootukuru</b>	Co-occurring Breast Cancer, Pain, Obesity, and Mental Illness: How Does Disease Stigma Layer Across Comorbidities?	<i>Dr. Alina Arseniev-Koehler</i>	Stamps, Sociology, Purdue University
Poster 13	<b>Elise Cookson</b>	The Guild of Women Binders - An Analysis of Scottish Victorian Visual Motifs	<i>Dr. James Sargan</i>	Stamps, English
Poster 14	<b>Aerica Worrell</b>	Drivers of Measles Resurgence in the United States: A Structured Review of Outbreaks, 2014–2025	<i>Dr. Juliet Sekandi</i>	Stamps, Epidemiology & Biostatistics
Poster 15	<b>Abigail Bias</b>	Sexual Dimorphisms in Neurodevelopment May Influence TBI Recovery in Pediatric Patients	<i>Dr. Erin Kaiser</i>	Stamps, Animal & Dairy Science

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Poster 16	<b>Evan Kane</b>	Degree + Dream: Motivations of International College Soccer Players	<i>Dr. Welch Suggs</i>	Journalism
Poster 17	<b>Adrian Fleming</b>	Examining Self-Presentation Strategies of College Athletes on Social Media	<i>Dr. Welch Suggs</i>	Journalism
Poster 18	<b>Katelyn Porter</b>	Assessing Responsibility in Global Health Emergencies: A Situational Crisis Communication Theory Analysis of the Falsified IMFINZI Pharmaceutical Crisis	<i>Dr. Yan Jin</i>	Advertising & Public Relations
Poster 19	<b>Kaia Kirkpatrick</b>	GenAI Culture Catalysts and Constraints for Crisis READINESS	<i>Dr. Yan Jin</i>	Advertising & Public Relations
Poster 20	<b>Anna Rachwalski</b>	READINESS for an Economic Downturn: Building Legislative Crisis Management Capacity	<i>Dr. Yan Jin</i>	Advertising & Public Relations
Poster 21	<b>Devin Thomas</b>	The Impact of Preventative Failure on Reputation and Recovery at Hawaiian Electric Company	<i>Dr. Yan Jin</i>	Advertising & Public Relations
Poster 22	<b>Sara Caroline Iskandar</b>	AI Chatbots and Mental Health: Examining Use and Perceptions Among U.S. Emerging Adults	<i>Dr. Gaurav Sinha</i>	Social Work
Poster 23	<b>Teresa Hacker</b>	Improving Digital Mental Health in India: Role of Professional Moderation and Language	<i>Dr. Gaurav Sinha</i>	Social Work
Poster 24	<b>Catherine Mackin</b>	Seeking Mental Health Support in Online Communities and Digital Tools Among Indian College Students	<i>Dr. Gaurav Sinha</i>	Social Work
Poster 25	<b>Janki Mehta</b>	Cost of a Degree: Tuition and Associated Expenses in the USA, UK, and Australia?	<i>Dr. Gaurav Sinha</i>	Social Work
Poster 26	<b>Krishna Rathod</b>	Exploring Gender Differences in Financial Fragility in the United States	<i>Dr. Gaurav Sinha</i>	Social Work
Poster 27	<b>Millie Schwendinger, Jodie Kamdoun, Reid Luffler, Lindsey Smith</b>	A Comparative Analysis of Elderly Social Spending: Liberal, Conservative, and Socialist Welfare States	<i>Dr. Mary Ager</i>	Social Work
Poster 28	<b>Mingyang (Amanda) Li, Amal Ali</b>	The Weight of Owing: Emotion Narratives and Gendered Patterns of Debt	<i>Dr. Mary Ager</i>	Social Work
Poster 29	<b>Cassandra Cleary</b>	Effectiveness of Interventions for those with Traumatic Brain Injury and Co-occurring Anxiety and/or Depression: A Systematic Review	<i>Dr. Orion Mowbray</i>	Social Work
Poster 30	<b>Stephanie Raj, Cassandra Cleary</b>	Improving Integrated Care for Patients with Type 1 Diabetes	<i>Dr. Orion Mowbray</i>	Social Work
Poster 31	<b>Sammie Kamran</b>	Diagnostic Barriers to Autism Spectrum Disorder Among Immigrant Families: A Scoping Review	<i>Dr. Orion Mowbray</i>	Social Work

Poster 32	<b>Sarah Hargadon</b>	Metabolic Analysis of Novel Nematode-Associated Polyangiales from the Florida Keys	<i>Dr. Holly Bik</i>	Marine Sciences
Poster 33	<b>Cella Magliano</b>	Metabolic Analysis of Novel Balneatricaceae Symbiont Bacteria Associated with Marine Nematodes from the Florida Keys	<i>Dr. Holly Bik</i>	Marine Science
Poster 34	<b>Noel Wiggins</b>	Mineral Controls on Carbon Dynamics in a Dredge-Amended Georgia Salt Marsh	<i>Dr. Amanda Spivak</i>	Marine Science
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Poster 36	<b>Tricia Babb</b>	Habitat-Based Variation in Amphibian Communities Within a Tropical Premontane Wet Forest in Costa Rica	<i>Dr. Amanda Rugenski</i>	Ecology
Poster 37	<b>Olivia Cowen</b>	Thermal Heterogeneity and Tidal Dynamics Shape Behavior and Microhabitat Use in the Marsh Periwinkle	<i>Dr. Craig W. Osenberg</i>	Ecology
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Poster 51	<b>Lilyanne Callaham</b>	Urban Tree Root Density Associated with Soil Volume Availability	<i>Dr. Rebecca Abney</i>	Forestry & Natural Resources
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Poster 53	<b>Roland Kimsey</b>	Is Material Wealth a Predictor for Social Network Position in a Southwestern Madagascar Hunter-Gatherer-Farmer Community?	<i>Dr. Bram Tucker</i>	Anthropology
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Poster 61	<b>Bianca Pascu</b>	Prevalence of Undiagnosed Hypertension Screened in Georgia	<i>Dr. Brian Seagraves</i>	Clinical & Administrative Pharmacy
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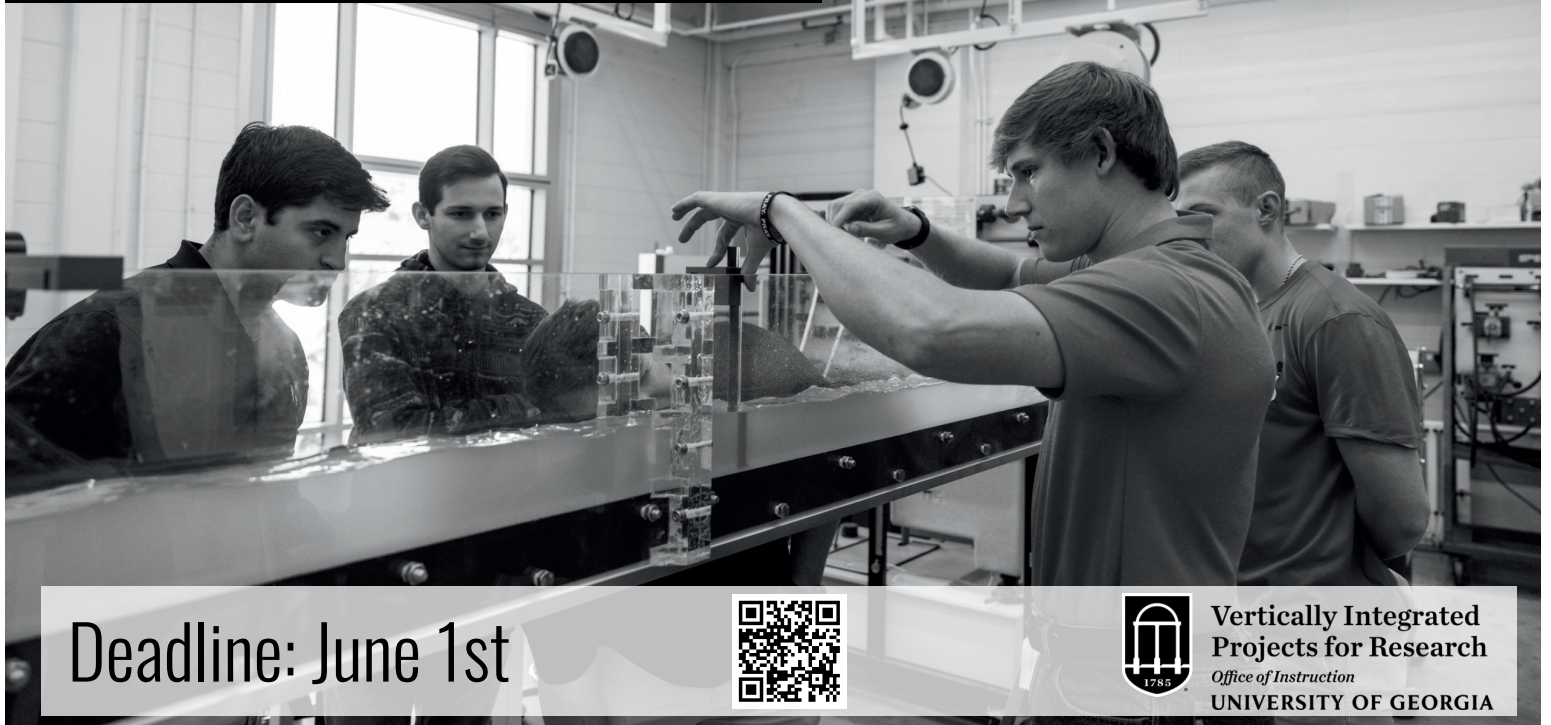
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	<b>Evie Foley</b>	Shame and the Self in D. H. Lawrence's "Meeting Among the Mountains"	<i>Dr. Adam Parkes</i>
	<b>Lucy Ingram</b>	The World We Have Lost: D. H. Lawrence and Modern America	<i>Dr. Adam Parkes</i>
	<b>Aiden Tranovich</b>	Intermedial Illumination: Visual-Verbal Collaborations of the Black Sun and Tiber Presses	<i>Dr. Susan Rosenbaum</i>
<b>Room C</b>	<b>Keyan Vales</b>	Livability and Sustainability Between Cities	<i>Dr. Olga Thomason</i>
	<b>Adanna Majekodunmi</b>	From Waste to Access: Implementing a Meal Redistribution Program to Address Food Insecurity at UGA	<i>Dr. Victoria Hasko</i>
	<b>Bryce Knoll</b>	Reporting on Venezuela: How Russian State Media Shapes an Anti-American Narrative	<i>Dr. Alexandra Shapiro</i>
	<b>Katherine Kentos</b>	Lenin and the Youth: How Soviet Propaganda Crafted a Foundation for Party Loyalty	<i>Dr. Olga Thomason</i>
	<b>Eliana Trapp</b>	Systemic Failure: Soviet Management Culture and the Chernobyl Disaster	<i>Dr. Alexandra Shapiro</i>
<b>Room D</b>	<b>Nupoor Joshi</b>	Digitizing IF-AT: A Scalable Model for Collaborative Assessment in Higher Education	<i>Dr. Nandana Jayashantha Weliweriya Liyanage</i>
	<b>Morgan Shorter, Olivia Le</b>	VIPR: The Recipe for Role Modeling: What Characteristics Make an Effective Lab Role Model?	<i>Dr. Erin Dolan</i>
	<b>Adam Buckler</b>	VIPR: Solving the Data Puzzle: Quantifying the Trade-Off Between Labor-Intensive Qualitative Content Analysis and Data Lost through Reduction Techniques	<i>Dr. Erin Dolan</i>
	<b>Abby Kirry</b>	Best Practices in Education Workforce Alignment: Examining Responses to Skills-Based Hiring Trends	<i>Rebecca Hunt</i>
<b>Room G</b>	<b>Arwa Abdelrahman</b>	Exploring Empathy and Intersectional Understanding Through Performance	<i>Prof. Raife Baker</i>
	<b>Chloe James</b>	Community, Empowerment, and Leadership in Music Education	<i>Dr. Kristen Lynch</i>
	<b>Jennifer Noel</b>	Barriers to Seeking Mental Health Support Among College Students in Underserved Regions in India	<i>Dr. Gaurav Ranjan Sinha</i>
	<b>Savannah Milburn, Chitra Nulu, Gabriel Claussnitzer</b>	VIPR: Co-Created, High-Resolution Climate Scenario Narratives for Transhumant Pastoral Communities	<i>Dr. Thomas Mote</i>

## Oral Session 6, 9:55-11:15 a.m., Athena Breakout Rooms

<b>Room B</b>	<b>Grey Cohen</b>	Democratic Backsliding and Territorial Conflict	<i>Dr. Andrew Owsiak</i>
	<b>Mary Wahn, Hannah Lee</b>	In Canisters We Trust? Measuring Public Attitudes Towards Spent Nuclear Fuel Management in the United States	<i>Dr. Naomi Egel</i>
	<b>Vikram Bharadwaj</b>	Big Brother's Machine: Artificial Intelligence, Surveillance, and the Rise of Executive Overreach	<i>Dr. Maryann Gallagher</i>
	<b>Mark Vincent Zimmer, Jr.</b>	The Partisan Pen: How Party Control Shapes the Language of Immigration Legislation	<i>Dr. Maryann Gallagher</i>
	<b>Wells Benjamin</b>	The Lavender Veil: A Novel Theoretical Framework for Analyzing the Role of Covert Digital Security Partnerships in Arab-Israeli Relations	<i>Dr. Eli Sperling</i>
<b>Room C</b>	<b>Aylin Ulloa</b>	Understanding Temporal Shifts in the Physiology & Phenology of Spring Ephemerals Under Warming	<i>Dr. Megan DeMarche</i>
	<b>Isabella Elise Pellicano</b>	Global Change Alters Shrub Biogeochemical Mechanisms in a Boreal Peatland	<i>Dr. Nina Wurzburger</i>
	<b>Cooper England</b>	Future Compound Impacts to Coastal Forests from Wind, Heat, and Drought in CMIP6 models	<i>Dr. Anna Harper</i>
	<b>Falih Faizal</b>	Development of Control Schemes for Autonomous Indoor Navigation of a Ground Robot in GPS-Denied Environments	<i>Dr. Guoming Li</i>
	<b>Phoebe Boudreaux</b>	Weather and Landscape Effects on Salmonella Prevalence in Chicken Feces	<i>Dr. William Snyder</i>
<b>Room D</b>	<b>Annabelle Hartley</b>	A Correlation of Paleoclimate Proxy Data and $\delta^{15}\text{N}$ -Calculated Weaning Ages: Possible Evidence for Temperature and Weaning Age Correlation	<i>Dr. Laurie Reitsema</i>
	<b>Reena Thangamani</b>	Why Tuberculosis Persists in a High-Income Country: Trends in Cases and Outbreaks in the United States, 2015–2025	<i>Dr. Juliet Sekandi</i>
	<b>Ava Nguyen</b>	Time-restricted Feeding and Triple-negative Breast Cancer Outcomes in a Mouse Model of Obesity	<i>Dr. Emily Noble</i>
<b>Room G</b>	<b>Pavan Indukuri</b>	VIPR: Development of an Autonomous Navigation System for Ornamental Crop Pest-Scouting Robots	<i>Dr. Md Sultan Mahmud</i>
	<b>Abhinav Yedla</b>	VIPR: Deep Learning-Enhanced LiDAR Densification for Precise Ornamental Tree Trunk Detection and Distance Measurement in Autonomous Pest-Scouting	<i>Dr. Md Sultan Mahmud</i>
	<b>Sanjana Arun</b>	VIPR: A Mobile Decision Support System for Diagnosis, Management Recommendations, and Risk Forecasting of Hydrangea Leaf Spot Diseases	<i>Dr. Md Sultan Mahmud</i>
	<b>Grayson Smith</b>	VIPR: A Participatory Mapping Approach to Assess Social Flood Risks and Vulnerabilities in Rural East Tennessee	<i>Dr. Thomas Mote</i>

Room H	Callie Viktora	Effects of Conditional RhoA Deletion on the Expression of Progesterone Receptor and Estrogen Receptor $\alpha$ in the Mouse Uterus	Dr. Xiaoqin Ye
	Elijah Jernigan	Whole-Brain Tissue Clearing Reveals Prokineticin-2 Connectivity in the SVZ-RMS-OB Neurogenic Niche in Models of Parkinson's Disease	Dr. Anumantha Kanthasamy
	Shivani Yadavalli	Methods of Spore Isolation in <i>Cryptococcus neoformans</i>	Dr. Blake Billmyre
	Anika Saxena	TLC-Based Detection of Phosphate-Linked Lipid Intermediates in Mutant <i>Escherichia coli</i>	Dr. Maor Bar-Peled

**Oral Session 7**, 11:35 a.m. to 12:55p.m., *Athena Breakout Rooms*

Room B	Samarth Mohan	Comparative Biology of Antimicrobial Resistance in Animals	Dr. Andrew Park
	Kade Stewart	Prey-Choice and Range-Expansion of a Non-Native Fiddler Crab	Dr. Jeb Byers
	Haven Hardy	Sediment-Controlled Partitioning of Nutrients and Emerging Contaminants During Freshwater Filtration	Dr. Krista Capps
	Madeline Shell	Composition of Microbial Eukaryotic Communities Surrounding Containerized Waste Barrels in Deep-Sea Basin	Dr. Holly Bik
Room C	Phong Nguyen	Integrating Smartphone-Based 3D Photography and Reflected Satellite Signals on a UAV Platform for Accurate Soil Moisture Sensing	Dr. Mehmet Kurum
	Sloka Sudhin	$\mathcal{R}$ -QPSO: A Global Optimization Technique for Identifying Efficient Designs	Dr. Abhyuday Mandal
	Deeya Datta	Bayesian Ranking of Entities for Infectious Disease	Dr. Abhyuday Mandal
	Owen Parker	Modeling Stellar Rotation Signals to Constrain Inclination from High-Resolution Spectra	Dr. Inseok Song
Room D	Kailee Jordy	This Is, and Is Not, Britain: Political Allegory and the Homeric in Shakespeare's <i>Troilus and Cressida</i>	Dr. Miriam Jacobson
	Dharshine Jay	Slain as an Italian, Revived as a "Turco": How One Diaspora Inspired a Global Literary Movement	Dr. Elizabeth Wright
	Casen Stiber	Documenting Plurality in Salvadoran Nawat	Dr. Pilar Chamorro

<b>Room G</b>	<b>Kendal Grattan, Sophie Gotschall</b>	Assessing Group Response to Predation Under Thermal Stress: Using <i>Pimephales promelas</i> as a Model Species	<i>Dr. Craig Osenberg</i>
	<b>Lily Meyers</b>	Open-Source Artificial Intelligence for Standardizing Equine Endometrial Biopsy Grading	<i>Dr. Lillian Oliveira</i>
	<b>Katherine Bouma, Sydney Apraku</b>	Testing Accuracy of AI Apps on Identifying Tick Species	<i>Dr. Ania Majewska</i>
	<b>Hailey Kshonz</b>	Optimization of <i>P. yoelii</i> infections of <i>An. stephensii</i>	<i>Dr. Ashutosh Pathak</i>
	<b>Simona Brenneman</b>	Resistance to Antimalarials and Malaria Transmission	<i>Dr. Douglas Paton</i>

## Oral Session 8, 1:15-2:35 p.m., Athena Breakout Rooms

<b>Room B</b>	<b>Vivian Austin</b>	Religion and Identity in Howard Finster's Self Portrait (1989)	<i>Alexis Gorby</i>
	<b>Nicholas Lennon</b>	Exhibiting the Public Unconscious: The Vienna Secession in the Age of Freud	<i>Dr. Nell Andrew</i>
	<b>Emma Mineva</b>	The Aftermath of War and Conflict as Seen Through Artwork	<i>Alexis Gorby</i>
<b>Room C</b>	<b>Ella Cho</b>	The Role of Synaptotagmins and Synaptobrevins in Regeneration and Behavior in <i>Schmidtea mediterranea</i>	<i>Dr. Rachel Roberts-Galbraith</i>
	<b>Genevieve Gardes</b>	Biochemical Characterization of Novel O-GlcNAc Transferase Variants S399C and T932I Causal for Intellectual Disability	<i>Dr. Lance Wells</i>
	<b>Deacon Maynard</b>	Investigating the Role of Isoprenylation in Ydj1 Function and Toxicity	<i>Dr. Walter Schmidt</i>
	<b>Edsiah Nelson</b>	The Role of VTS1, STP22 and VPS34 in the Ded1-Mediated Cellular Stress Response	<i>Dr. Timothy Bolger</i>
	<b>Daniel Gerguis, Nicholas Harper, Mason Alleyne</b>	VIPR: Zeltner Lab Internal Core Facility	<i>Dr. Nadja Zeltner</i>
<b>Room D</b>	<b>Naimisha Kodali</b>	Variation of Malarial Infections in Different Strains of <i>Plasmodium berghei</i>	<i>Dr. Ashutosh Pathak</i>
	<b>Max Petropoulos, Vishal Porthuraju</b>	Hypothermic Storage of Vascularized Glioblastoma Tumor-on-a-Chip Systems at 4° C	<i>Dr. Lohitash Karumbaiah</i>
	<b>Brayden Riley, Sam Devakumar</b>	Evaluation of Microtubes for Cancer Cell Separation and Early Detection	<i>Dr. Karen Burg</i>
	<b>Juan (Alex) Subiry</b>	Loss of PINK1 Causes Age-Dependent Mitochondrial Trafficking Deficits in Nigrostriatal Dopaminergic Neurons Through Aberrant Activation of p38 MAPK	<i>Dr. Hui Zhang</i>

<b>Room G</b>	<b>Drew Patton</b>	From Success in Chemistry to Supporting Peers: Motivations for Becoming a Chemistry Learning Assistant	<i>Dr. Brandon Yik</i>
	<b>Ethan Goldstein</b>	Through the Student Lens: Redefining Success in General Chemistry	<i>Dr. Brandon Yik</i>
	<b>Tori Vega</b>	Multicultural Research Labs: A Space for Change and Collective Impact	<i>Dr. Edward Delgado-Romero</i>
	<b>Sarah Portnell, Rohan Khademi</b>	VIPR: Strong Ties or Many Ties? Mentorship Dynamics in Undergraduate Research	<i>Dr. Erin Dolan</i>
<b>Room H</b>	<b>Trevor Frank</b>	3D Printing of Bio-Based Polyurethane Foams	<i>Dr. Kenan Song</i>
	<b>Samantha Lewis</b>	Speciation Measurements from Combustion Reactions	<i>Dr. Brandon Rotavera</i>
	<b>Daniel Portillo, Ryan Varghese</b>	VIPR: Developing an Autonomous Navigation System for a Weed-Pulling Robot in Cotton Fields	<i>Dr. Md Sultan Mahmud</i>

## Oral Session 9, 2:55-4:15 p.m., Athena Breakout Rooms

<b>Room B</b>	<b>Jacob Griner</b>	A Lavish Pot to Piss In: Chamber Pot Politics from the Decorative to Duchamp	<i>Dr. Elizabeth Saari Browne</i>
	<b>Guinever James</b>	Clockwork Empire: Animals, Exoticism, and Imperial Time in Philippe and Jacques Caffieri's Table Clock, c. 1745	<i>Dr. Elizabeth Saari Browne</i>
	<b>Jocelyn Kirchen</b>	Weaving Propaganda: Eighteenth-Century French Tapestry and the Role of Material and Production in the Glorification of the French State	<i>Dr. Elizabeth Saari Browne</i>
	<b>Santiago Pollitzer</b>	Pleasurable Prostheses: Disembodied Sex in Eighteenth-Century French Art and Material Culture	<i>Dr. Elizabeth Saari Browne</i>
	<b>Audrey Westray</b>	Moravian Marketing: Gottfried Aust's Shop Sign and the State of 18th Century Advertising	<i>Dr. Elizabeth Saari Browne</i>
<b>Room C</b>	<b>Max Whitford</b>	Strategic Compliance with State-Level Age Verification Laws for Adult Content	<i>Dr. David Mustard</i>
	<b>Sana Raheja</b>	Trading Behavior Around Major Bitcoin Price Movements	<i>Dr. Daniel Rettl</i>
	<b>Waylon Shapowal</b>	Modernizing the Separation of Banking and Commerce in the Age of Big Tech	<i>Prof. Lindsay Sain Jones</i>
	<b>Linrou Liu</b>	Assessing Competency in Older Adult Defendants: A Review of Geriatric Forensic Evaluations and Telehealth Standards in the Criminal Justice System	<i>Dr. George Mois</i>

# Tuesday, April 21, 2026

<b>Room D</b>	<b>Spencer Katzman</b>	Ranked Choice Voting with Different Elimination Procedures	<i>Dr. Keith Dougherty</i>
	<b>Alyssa Huffman</b>	From Recidivism to Desistance: Reframing the Evaluation of Prison Vocational Training Programs	<i>Dr. Dan Silk</i>
	<b>Ettesaf Rayan</b>	In Defense of Incentivized Organ Donation for the Incarcerated	<i>Dr. Jeremy Davis</i>
	<b>Eliza Fausset</b>	Gentrification, Redevelopment, and Changing Place Identity in Southeast Atlanta	<i>Dr. Steven Holloway</i>
	<b>Madeline Gross</b>	The Relationship Between Socialist Realism and Ivan Babenko's Waiting: 1945 Seen Through Demobilization Photography	<i>Alexis Gorby</i>
<b>Room G</b>	<b>Kai Ramlochan, Fawad Hasib, Yutika Parhate</b>	Experience, Timing, and Teaching Behavior: A Contextual Analysis of GTA Laboratory Instruction	<i>Dr. Craig C. Wiegert</i>
	<b>Creed Barrett</b>	Implementation of Generative AI into the General Chemistry Classroom	<i>Dr. Brandon Yik</i>
	<b>Lily Chen</b>	Temperature and Relative Humidity Effects on Water Absorption and Dissolution of Urea Fertilizer	<i>Dr. Miguel Cabrera</i>
	<b>Anna-Sophia Mehta</b>	Detection and Characterization of Ionospheric Transients in EDGES Radio Spectra: Micrometeorite Events and Sporadic E-Layer Activity	<i>Dr. Cassandra Hall</i>
	<b>Valor Lekas</b>	VIPR: Organizing a Campus-Wide Sustainability Initiative to Reduce Avian-Window Collisions at UGA	<i>Dr. Richard Hall</i>
<b>Room H</b>	<b>Alexandra Agesen, Ella Glorioso</b>	High Crystalline Nano-HA Potential in Inhibiting Breast Cancer Cell Adhesion and Proliferation	<i>Dr. Karen Burg</i>
	<b>Sireen Faraz, Emma Kate Godin</b>	Evaluation of Nano-Hydroxyapatite Printed Platforms in the MSC Differentiation Process	<i>Dr. Karen Burg</i>
	<b>Asuagbor Asuagbor</b>	Optimizing a Bioreactor System for Conditioning Three-Dimensional Bone Scaffolds	<i>Dr. Cheryl Gomillion</i>
	<b>Rohan Patlolla</b>	Immunophenotyping Canine Myofibers by Immunohistochemistry	<i>Dr. Elizabeth Howerth</i>
<b>Room I</b>	<b>Tanishqa Natarajan, Ruhi Iyer</b>	Parent-Child Physiological Alignment During Tasks With Different Regulatory Demands	<i>Dr. Niyantri Ravindran</i>
	<b>Olivia Kachappilly</b>	Isolating the Non-Phosphocreatine Component of Muscle-Specific Post-Exercise Oxygen Consumption Using Near-Infrared Spectroscopy	<i>Dr. Kevin McCully</i>
	<b>Aashka Vaidya</b>	Variability in the Measure of Fasting Blood Lipids	<i>Dr. Jamie A. Cooper</i>

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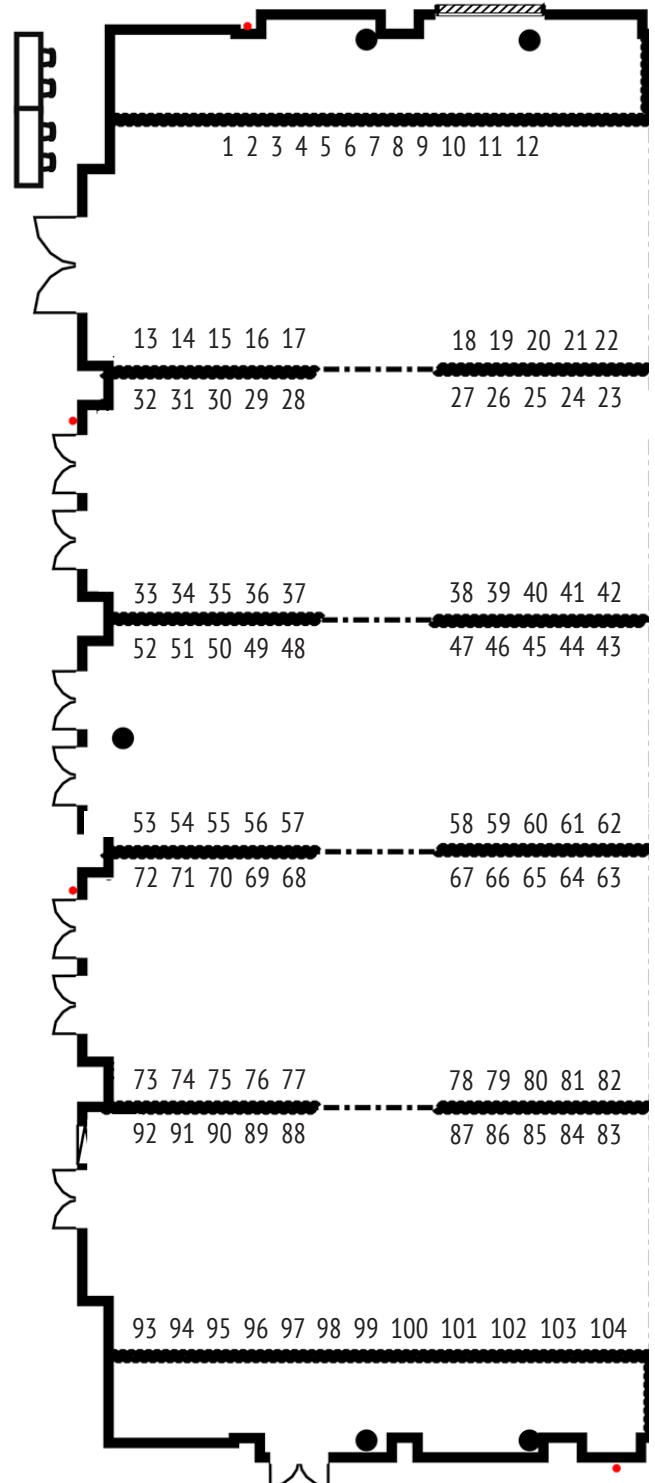
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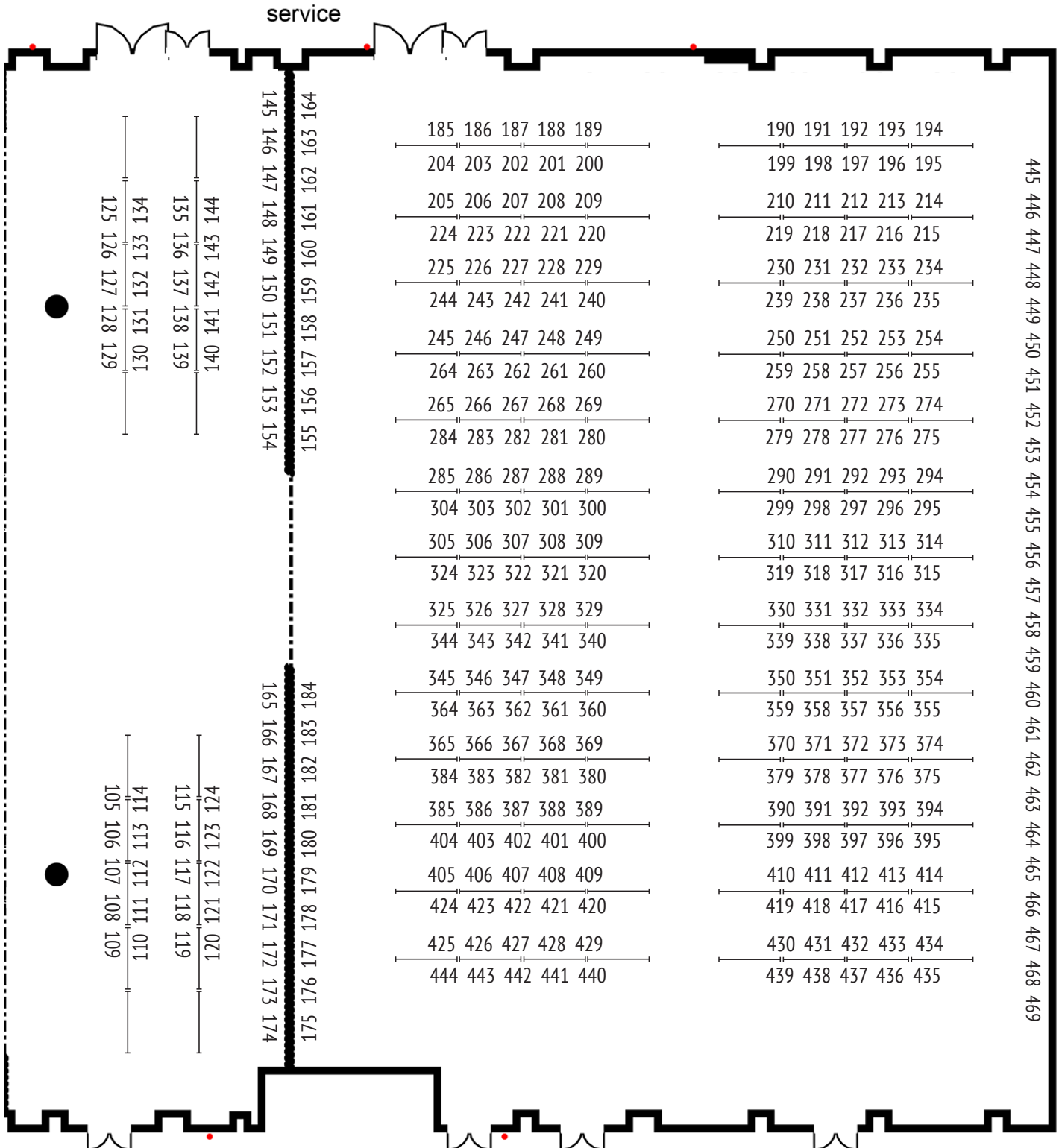
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RECEPTION AREA



GRAND HALL 6

GRAND HALL 7



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