



EMORY | Pathways Center

Undergraduate Research Programs (URP)
Spring 2023 Research Symposium
Monday, April 24, 2023
Emory Student Center Multipurpose Rooms

ORAL SESSION 1 (4:00 – 5:00 PM) Multipurpose Room 1/2

Time	Presenter	Title
4:00	Claire Bowman	<i>Comparing Growth Rates of Acinetobacter baumannii Phenotypes in Various Carbon Sources</i>
4:15	Jack Miklaucic	<i>Going Beyond Carbon: Mitigating Nitrogen Pollution from Agriculture in the U.S.</i>
4:30	Break	<i>Break</i>
4:45	Nava Klopfer	<i>The Development of the Queer/Straight Binary and Ensuing Rigidity of Identity: A Close Reading of Kit Connor's Outing</i>

ORAL SESSION 2 (5:00 – 6:00 PM) Multipurpose Room 1/2

Time	Presenter	Title
5:00	Lucy Yates	<i>Biomedical Power: addressing inequalities in endometriosis diagnostic delays</i>
5:15	Page Dickey	<i>Examining Major Depressive Disorder Symptom Criteria Endorsement Rates Across Substance Use Disorders</i>
5:30		
5:45	Rowan Salls	<i>White Matter Changes In A Randomized Double-Blind Placebo-Controlled Trial Of Cranial Electrical Stimulation For Fibromyalgia In Veterans</i>



EMORY | Pathways Center

Poster Session #1

4:00-4:50 PM

Multipurpose Rooms 4-6

#	Student Presenter	Title
1	Elhan Abdi	<i>A Randomized Clinical Trial on Citicoline to Improve Sleep and Cognition in People with Alzheimer's Disease</i>
2	Ella Akridge	<i>The impact of childhood adversity on psychopathology in adolescents: The role of stress and emotional regulation</i>
3	Hadara Bilsky	<i>Characterizing Caregiver-Infant Communication Among Infants Later Diagnosed With Autism</i>
4	Lena Bodenhamer	<i>Gender Bias and the Effectiveness of In-Class Debates as a Tool of Pedagogy in Collegiate Political Science Classrooms</i>
5	Camilla Brown	<i>Effects of Satellite Cells on Vascular Formation</i>
6		<i>Withdrawn</i>
7	Maya Deogun	<i>Racial Inequality and Democracy: An Examination of Election Mistrust</i>
8	Greta Franke	<i>Classifying Land Use and Analyzing Development on a Georgia Relict Barrier Island</i>
9	Valeria Funes	<i>Analyzing Stone Tool Making in Adults and Children in Order to Evaluate Teaching and Learning Behaviors</i>
10	Brianna Goodloe	<i>Developing an intestinal organoid model to test tuft cell "memory"</i>
11	Yasha Joseph	<i>Using Yeast Genetics to Study How Missense Mutations Convert Histones into Cancer-causing Oncohistone</i>
12	Kihoon Kang	<i>Characterizing the Relationship Between Chromatin-Mediated Gene Activation and Repression.</i>
13	Sarah Keane	<i>Adult perceptions and experiences of growing up with a sibling on the autism spectrum</i>
14	Andrew Li	<i>Evolutionary mutational patterns in centromeric protein-coding genes of the Mus genus</i>
15	Amelia Mo	<i>Measurement of Neuromelanin to Detect Causes of Stress- Induced Motivational Anhedonia</i>
16	Arianna Ophir	<i>The Neurobiology of Adult Caregiving: Cognitive Empathy in Caregivers of Patients with Dementia and Alzheimer's Following Photo Captioning Intervention</i>



EMORY | Pathways Center

17	Vishva Patel	<i>Understanding Physicians' Perspectives on Prescribing Off-Label Drugs</i>
18	Vianet Ruiz	<i>Zesty Exercise System for Therapeutic Engagement</i>
19	Sofia Seewald	<i>The Effects of Maternal Care Quality on Social Development in Rhesus Monkeys and its Underlying Neurobiological Mechanisms</i>
20	Jungwoo Seo	<i>An Initial Exploration of Korean Attitudes Toward Dual Citizenship</i>
21	Barbara Soucie	<i>Dietary Collagen Supplementation and Joint Health</i>
22	Lauren Suh	<i>Serum Estradiol on Final Day of Ovarian stimulation as a Predictor of In Vitro Fertilization Success</i>
23	Sarah Weiss	<i>Sporulation of Clostridiodes difficile Relative to Mutations in Metabolic Pathways</i>
24	Uma Nambiar	<i>The Political Development of "Ban the Box" in the United States: The Case of Hawai'i</i>
25	Rowan Salls	<i>White Matter Changes In A Randomized Double-Blind Placebo-Controlled Trial Of Cranial Electrical Stimulation For Fibromyalgia In Veterans</i>
26	Julietta Zhu	<i>Temporal Elasticity Interventions for Productivity: A Study on Time Perceptions and Visual Manipulations of Elapsed Time</i>
27		

Poster Session 2

5:00-5:50 pm

Multipurpose Rooms 4-6

#	Student Name	Title
1	Tierra Ablorh	<i>How can technology bridge the gap between how the United States Environmental Protection Agency (EPA) represents and reports on air quality and provide a format/presentation of the same data in a meaningful way?</i>
2	Isabella Clarke	<i>Emory Health Equity Alliance (HEAL)</i>
3	Matthew Croswhite	<i>Interstate Racism: The national support for the construction of the Stone Mountain Confederate Memorial.</i>
4	Om Dutta	<i>The role of social experience in modifying prairie vole vocalization</i>
5	Nadia Ethadi	<i>Identification of EZH2 in Seizure Sensitive Nuclei in the Rodent Brain</i>



EMORY | Pathways Center

6	Annessa Felip-Pate	<i>Systematic Inequality and its Impacts on Dental Healthcare</i>
7	Lui Gardner	<i>Private School as an Investment: Comparing Career Outcomes and Graduation Rates between Public School Students and Private School Students against Traditional Investment Metrics</i>
8	Claire Gong	<i>Skin microbiome and skin toxicities among breast cancer patients receiving radiation therapy</i>
9		<i>Withdrawn</i>
10	Raya Islam	<i>Urban Placemaking and Marginalized Community Formation in Atlanta and New York City</i>
11	Yujin Kwon	<i>Vital Signs as a Source of Race Bias in Artificial Intelligence</i>
12	Nikhita Lalwani	<i>Identifying HHV Viruses in Post-Transplant Patients</i>
13	Mia Leutzinger	<i>Explosive Politics: Nuclear Testing in Nevada During the 1950s</i>
14	Chen Lin	<i>Restoring a Functional Neuronal YFP-Expressing +/-Nes-Cre LMCT-1 Knockout Colony</i>
15	Daniel Litton	<i>Early Interventions for Preventing Childhood Obesity: A Review of the Literature</i>
16	Adam Malik	<i>Exploring the Genetic Interaction between Slc25a1 and Tbx1 in Congenital Heart Disease: Unraveling a Shared Pathway in 22q11.2 Deletion Syndrome</i>
17	Carnes Mathis	<i>Analyzing heart rate variability as a predictor of the onset of PTSD in ICU nurses</i>
18	Andrew Nie	<i>Functional evaluation of de novo GRIN2D variants associated with neurological diseases and epileptic encephalopathy</i>
19	Susanna Park	<i>Determining which Striatin is in Tight Junctions</i>
20	Joseph Park	<i>The effect of postnatal Zika virus infection on social behavior of infant rhesus macaques</i>
21	Bella Piekut	<i>Advertisements in the 2022 Georgia Gubernatorial Election</i>
22	Julietta Ponce	<i>Literature Review: Investigating the effects of screen use in developing children</i>
23	Krithika Shrinivas	<i>Stone Tools and Sociality: Potential Effects of Conversation on Lithic Quality</i>
24	Eric Yao	<i>Facebook Advertising's Impact on United States Midterm Elections</i>
25		
26	Taryn Salako	<i>Analysis of Family Eats: A Web-based Program Promoting Healthy Eating Behaviors to Black/African American Parents</i>
27	ChEmory	<i>ChEmory and Sustainability</i>
28	Meghan Gupte	<i>The Two Georgias Initiative Evaluation: Addressing Health Equity in Rural Georgia</i>



EMORY | Pathways Center