45th Undergraduate Research Conference

May 3, 2019

Poster Winners

Alara Alagul
Neural Science, Psychology
The Implications of Unconscious Bias

Kristen Nicole Avallone
Psychology
The Effect of ER Stress on Translation in Mitochondrial Vicinity

Perri Beach
Psychology

Caroline Myers
Psychology

Jena Sohn
Psychology
Meta-Motivational Knowledge and Goal Achievement

Joseph Boroda
Biology
The Role of Diaphanous 1 in Obesity, Insulin Resistance, and Type 2 Diabetes

Magnolia Byrne
Psychology
Are Biracial Children’s Representations of Gender Biased by Race?

Taylor Chen
Biology
Targeting Piezo1 Achieves Protective Immunity Against Cancer via Myc-dependent Transcriptomic Reprogramming in T Cells
Divija Chopra  
Neural Science  
*Mental Health and Sociability: A Cross-Species Approach to Exploring Interventions for the Effects of Early-Life Adversity*

Katarina Clegg  
Psychology  

Carmen Zhang  
Psychology  
*Children’s Use of Everyday Artifacts: Cognitive and Perceptual-Motor Requirements of Unzipping a Zipper*

Cameryn Cooley  
Psychology  
*Studying Threat Response and Anxiety Using Virtual Reality*

Antalya Jano,  
Biochemistry, Spanish  
*Design and Synthesis of Peptidomimetic Macrocyclic Peptoids as Aspergillus fumigatus Chitinase Inhibitors*

Pragati Khandelwal  
Language and Mind  
*To Lessen the Learning Gap: How Parental Literacy and Socioeconomic Status Affect Children*

Jinnu Kim  
Psychology  
*The Effect of Smiling on Fluctuating Facial Asymmetry and Facial Attractiveness Ratings*

Grace Levinson  
Biology  
*Amyloid Precursor Protein is Required for Late Growth and Survival of Melanoma Cells in the Brain Parenchyma*

Taleena Nadkarni  
Journalism  
*Assessing the Effect of Neuroscience on Moral and Legal Responsibilities*

Erica Robin Nebet  
Neural Science  
*Mechanisms Constraining Inhibitory Dynamics in Hippocampal CA1*
Michael O’Brien
Physics
Above and Beyond: Holographic Tracking of Axial Displacements in Holographic Optical Tweezers

Sara Okun
Psychology
Infants’ Differential Treatment of Objects Versus Forms

James Tranos
Chemistry
From Chelate to Chromophore: Sensitizing Non-Luminescent Lanthanide Chelates for Use in Contrast Enhanced Magnetic Resonance Imaging

Gayatri Venkataraman
Neural Science
Early Life Maltreatment Reduced the Role of Striatum in Threat Learning

Natasha Williams
Economics, International Relations
The Politics of a Super-Presidential State: The Use of Information and Communication Technology for Electoral Manipulation in Putin’s Russia

Alexandra Winter
Chemistry
Raman-Based Molecular Probes for pH and Metal Detection in Living Cells

Lily Wu
Psychology
Social Mobility and Category Processing

Yvonne Zagzag
Physics
Monitoring the Kinetics of Molecular Binding Using Holographic Video Microscopy

Ashley (Qingyang) Zhang
Applied Psychology, Computer Science
Do Representations of Social Groups Differ by Culture?
Yian Zhang
Neural Science
Atypical Weighting of Bottom-Up vs Top-Down Inputs in Autism Spectrum Disorder

Panel Winners

Hashmita Agarwal
Food Studies, Spanish and Linguistics
DP in Hindi

Tayo Awoyinfa
Psychology
Minimal Groups and Instrumental Social Learning

Natalie Behrends
History
Comrade Foreigner: Immigrants at the 1910 Congress of the Socialist Party of America

Alex Bollington
Environmental Studies
Closing Funding Gaps and Closing Yield Gaps

Kelia Brooks
Global Liberal Studies, Spanish
Argentine Historical Narratives: Museo de La Plata and the Relationship Between the State and Indigenous Communities

Alexander Burlin
Middle Eastern Studies
Syrian Refugees as “Homines Sacri”?; Precarity, Illegality, and Deportability in Protracted Displacement

Breanna Byrd
Social and Cultural Analysis
A Storm Is Coming: Reflections on Hurricane Fran

Keith Wei Kit Chong
Economics
The Relationship Between Labor Productivity and Video Games
Nidia Corona-Gonzalez  
Social and Cultural Analysis  
*Coming Home: Reentry and Mental Health in New York City*

Tony Cui  
Art History  
*Salvator Rosa’s Hybrid Skeletons and Where to Find Them*

Rodrigo Delatorre  
Neural Science  
*Completing the Corticohippocampal Circuit: Long-Range Projections from Lateral Entorhinal Cortex to CA3*

Sophie Dvali  
Physics  
*Variance Adaptation in Navigational Decision Making*

Grace Easterly  
Individualized Major  
*From Imperial Port City to Logistics Hub: The Production of Strategic Space in Djibouti*

Tracey Freeman  
Biology  
*HIV-1 Exposure Triggers Calcium Influx That Is Inhibited by a P2X Antagonist*

Sam Fritsch  
English and American Literature  
*Address, Action, and Performance: Second-Person Multiplicity in Claudia Rankine’s Citizen*

Katherine Furman  
Neural Science  
*Nature Versus Nurture: Maternal Responses to Infant Distress Cues*

Krysta Hyppolite  
Music, Politics  
*On the Topic of Immigration: To What Extent Does Information Influence Factual Beliefs, Attitudes, and Policy Preferences?*

Paramesh Karandikar  
Chemistry  
*Forster Resonance Energy Transfer as a Means of Characterizing Gadolinium-Based Contrast Agent Behavior*
Lexi Kennard  
Social and Cultural Analysis  
The Sum of Difference: A Media Discourse Analysis of Three Women Running for Local Elected Office in Iowa

Colin Kimberlin  
Global Public Health/Anthropology  
Risk and Responsibility: The Use of PrEP by Young Men Who Have Sex with Men (MSM) and Collapsed Categories

Grace Klein  
Metropolitan Studies  
Against All Odds: Farm Worker Organizing in the United States

Rimma Levina  
Biology  
Examining Bicoid’s Pioneering Ability in Enhancer Regulation during Drosophila Embryo Development

Michael Loedel  
Latin American Studies, Politics  
The Legacy of Repression: Uncovering the Electoral Effects of Chilean State Violence

Arlene Lormestoire  
Psychology  
The Influence of Stress on Decision-Making under Uncertainty

Matthew Marino  
Urban Design and Architecture Studies  
Squatting in Berlin: From Radical Urban Occupation to Urban Renewal

Delaney Martin  
Environmental Studies, Mathematics  
An Investigation of Industrial Composting in New York City

Gabrielle Hannah Mendelsohn  
Environmental Studies  
Growing Resilience: Management and Meaning in Loisaida’s Community Gardens
Sara Mendez
International Relations
The Impact of Civil War Ex-Combatants on the Communities They Inhabit

Marta Migó
Psychology
Abnormal Neuronal Motor Preparation in Patients with ASD and Symptoms of ADHD

Miray Mirham
Global Public Health/Sociology
The Value of Time among Second and 1.5 Generation MENA Students and Its Effects on Mental Health and Wellbeing

Asantewaah Ofosuhene
Social and Cultural Analysis
The Exodus of Black Students from Public Schools in the City of Newark

Camila Michelle Robalino Orrico,
Global Liberal Studies, Journalism
Migrant Women and the Children Left Behind

Jennifer Hyewon Ra
Psychology
Asian American Men's Precarious Manhood: Effects of Manhood Threats on Racial Identity Centrality

Margish Ramani
Neural Science
Stimulation of Innate Immunity via TLR9 to Ameliorate Cerebral Amyloid Angiopathy in Aged Non-Human Primates

Riya Ramesh
Politics
Countdown to the Election: The Impact of American Federal Elections on SEC Enforcement Efforts

Danielle Roman
English, and American Literature, Music
Inside-Out: Camille Saint-Saëns, Regional Culture, and the Shaping of France
Kelly Ryser
Art History, Urban Design and Architecture Studies
Calamity in the Capitals: Cairo and Paris, Art and Architecture, and the Effects of the Black Death

Isa Spoerry
Social and Cultural Analysis
An Island above the Land: How the Diasporas of Sri Lanka Use Digital Communication and Its Insights into the Limits of Diaspora’s Current Definition

Liesel Staubitz
Psychology
The Relationship Between Subjective Socioeconomic Status and Feelings of Empathy in Encounters with Economically Disparate Targets

Graham Noah Streich
Politics
The CIA’s Integrity: Information Sharing and Electoral Accountability

Mahalia Thomas
Politics

Claire Williams
Politics
God’s Country: The Proliferation of Evangelical Christendom and Its Impact on Voting Behavior in America

Helen You
International Relations
The Economics of Political Trust in Southeast and East Asia

Virginia Zhang
Economics, Sociology
Adjusting to Automation: Workers’ Lifetime Occupational Trajectories and Inter-Cohort Learning