

DURF RECIPIENTS 2022-2023

Fall 2022

Lisa Abe

“The Possible Role of Secernin-1 in Tau Phosphorylation of Alzheimer's Disease”

Collegiate Research Scholar

Hayley Ackerman

“Egypt (1922-1937): Interwar Sovereignty and the Limitations of the Postcolonial State in the Transnational Sphere”

William B. Baer Research Scholar

Rafael Baez

“Creation of Biodegradable Mesh To Reduce Pollution in MacroInvertebrate Analysis”

Collegiate Research Scholar

Evie Bair

“Las Meninas and The Prado Museum’s Changing Relation to Spanish Society”

Robert A Fowkes Research Scholar

Ethan Bakal

“Characterizing and contextualizing the spore coat protease PrkA in Bacillus subtilis”

Max Bronner Research Scholar

Freddy Barrera

“The Impact of Economic Recession on Deportations of Undocumented Latinx Immigrants in the United States”

Collegiate Research Scholar

Yiming Bian

“coupled oscillation of firefly, the spontaneous synchronization in nature”

Collegiate Research Scholar

Ivan Brea

“Divine Mediations: Representations of Religion, Clericalism, and Religious Imagery in Mexican Cinema (1917-2018)”

Collegiate Research Scholar

Violet Brede

“Children's beliefs about the consequences of economic disadvantage in education and work”

John G Fleming Research Scholar

Maureen Brusco

“An Approach to Bioconjugation Using Caged Michael Acceptors Allowing for Temporal Control and the Use of Less Harsh Conditions.”

Collegiate Research Scholar

Adam Bruzzese

“The Characterization and Localization Dynamics of YpJB in Bacillus subtilis Sporulation.”

Peter Bergmann Research Scholar

Julia Cai

“Calcium dynamics in glioma”

Collegiate Research Scholar

Natalia Castillo, Laura Gabriela Pedroza, Laura Valencia

“Impact of exercise and CB1r agonists and antagonists on threat response and parvalbumin cell activity, as measured by Signaled Active Avoidance and c-Fos levels respectively”

Collegiate Research Scholar

Lexi Cha

“Dissecting the Shelter-Industrial Complex for Structurally Competent Solutions to Homelessness”

Collegiate Research Scholar

Justyn Chang

“Investigation of ZIP9 Zinc Transporter in T cell Function”

Collegiate Research Scholar

Lolayemi Charles

“Assessing Pregnancy Experiences of Black and Afro-Latine Birthing People for Factors of Health, Safety, and Risk”

Joan Kupersmith Larkin Research Scholar

Allison Chen

“Synaptic activity in interneurons”

Collegiate Research Scholar

Carrie Chen

“The effects of CTCF mutation on various cancers”

Collegiate Research Scholar

Franklin Cheng

“Chinese International Students at New York University”

Howard Levene (WSC '41) Research Scholar

Evan Cheng

“Confirmation of Alzheimer's Pathology in 5xFAD LysM/Csf1R Depleted Mice”

Collegiate Research Scholar

Estefania Chinchilla

“An Intersection: Dialect Influences on Translation and Their Linguistic Consequences”

Collegiate Research Scholar

Anyu Ching

“Back to Boogie Street: The evolution of transgender rights and expression in Singapore.”

Collegiate Research Scholar

Olivia Cho

No title provided

Collegiate Research Scholar

Sean Cleary

“The Effect of Perfectionism on Effort and Self-Monitoring in Interracial Interactions”

Collegiate Research Scholar

Caroline Cook

“Moroccan Jewish Art Under French Colonialism”

Susan and Robert Grossman Research Scholar

Sophia Cordeiro

“The Role of Parents' Beliefs about Science and their Use of Subtle Linguistic Cues in Shaping their Children's Science Outcomes”

Collegiate Research Scholar

Angelo Crawford

“The Role Silica Polish Accumulation on Danish Flint Blades Revealing Insight on Lithic Functionality”

Dr Charles Barbieri Research Scholar

Teagan Daly

“Estimating the Number of Computational Dendritic Units”

Collegiate Research Scholar

Lasya Damaraju

“Shape Shifting Colloidal Chains: A path to colloidal machines”

Collegiate Research Scholar

Ari Davydov

“Investigating the mechanism of microsporidia invasion into the host cell”
Collegiate Research Scholar

Ainsley Dean

“Social lives and Subways: How the Presence of Public Transit Affects Social Interaction in Urban Environments”
Collegiate Research Scholar

Ethan Delgado

“Dynamic Decision Tree: Automated Decision Making”
Collegiate Research Scholar

Annika Dhingra

“Does 40-Hz light stimulation entrain native gamma oscillations and affect Alzheimer's pathology?”
Collegiate Research Scholar

Lincoln Dow

“An Experiment Investigating Implicit Trust in Government”
Barnet and Phyllis Liberman Research Scholar

Andre Dubovskiy

“Omnidirectional Drivetrain with Spherical Magnetic Wheels”
Collegiate Research Scholar

Renata Elizalde Carrillo

“White Majority Group Members’ Need for Uniqueness in Online Interracial Interactions”
Collegiate Research Scholar

Delaney Espinoza

“At what concentration of nutrients do cancer cells die when only some essential nutrients are available and others are absent.”
Collegiate Research Scholar

Monique Ezeh

“Identity saliency's effects on political participation”
Harold E. Akselrad Esq. Research Scholar

Tianyun Fang

“Dynamic Risk Factors of Intimate Partner Violence and Policy Suggestions”
Dr. Molly S. Geller Research Scholar

Debola Fatade

“FAMiLI study: Understanding the role of the human microbiome in disease outcomes”
Collegiate Research Scholar

Star Fitzmaurice, Sam Colman, Huizhen Jin

“Investigating the Relationship Between the Severity of ADHD Symptoms and Music Taste”
Collegiate Research Scholar

Serena Fu, Andrew Mota, Lisa Zhu

“Preferential looking at own-race versus other-race faces across infancy”
Jack Sitt Research Scholar

Eva-Merce Fuentes

“Methodological Study of Lumbar Lordosis Measurements in H. sapiens.”
Collegiate Research Scholar

Runji (Randy) Gao

“Nation-level determinants of internet search algorithm output”
Dr. Dorothy Starr Research Scholar

Runji (Randy) Gao

“Effects of internet search algorithm output on climate action”
Collegiate Research Scholar

Carla Garcia Medina

“Mining Reinforcement Learning Reward Functions from Vision-Language Models.”
Sylvia Engel Friedman Research Scholar

Aurora Ghorab

“A Critical Analysis of the 'Metropolitan Native', Acculturation, and Accountability through the Oral History of Dr. Hiawatha Goins-Baron”
Russell and Diane Hawkins Research Scholar

Anjali Golechha, Mona Lebrun, Ana Jaen

“Parent-Child Conversations About Service”
Collegiate Research Scholar

Seb Goodwin-Groen

“Investigating the potential of multi-dose ketamine treatment to ameliorate activity based anorexia vulnerability in mice”
Collegiate Research Scholar

Sydney Green

“Unearthing Nonconformity: Applying the Queer Lens to Prehistoric Europe”

Mary Rudie Barneby Research Scholar

Jordan Gross

“Studying sex-differences in innate mating and social behaviors in Foxp2+ cells in the medial amygdala”

Collegiate Research Scholar

Linya Guo

“Using optimized light-inducible Cre recombinase mice to study the role of chemokine receptors in T cell exit from the skin”

Collegiate Research Scholar

Annelise Guo

“The Gender Wage Gap and The Ultimatum Game”

Collegiate Research Scholar

Baron Guo

“Minimal time horizon for relative arbitrage in the stochastic portfolio theory framework”

Collegiate Research Scholar

Mehnaz Halima

“Characterizing Regulation of the G2 Phase Specificity of RNase H2 in Ribonucleotide Excision Repair”

Collegiate Research Scholar

Claire Hornburg

“Mathematical Modeling of Maternal-Zygotic Genetic Effects”

Nathan and Sarah Chesin & Bernard and Mollie Steuer Research Scholarship in the Life Sciences

Claire Hornburg

“3-D Holographic Optical Trapping and Knotted Force Landscapes”

Collegiate Research Scholar

Zeru Hu

“Aesthetic Judgment and Games”

Marion Cohen Griffel Research Scholar

Ian Hu

“The Effect of Paradoxical Knowing in the Context of Stock Market Trading”

Collegiate Research Scholar

Jiayu Huang

“Gender Criticism of “Dream of the Red Chamber”

Hirschfeld Family Research Scholar

Whitney Hughes

“Social Dominance Orientation and Political Ideology shape mental representations of inequality”

Collegiate Research Scholar

Hope Jackson

“Gender in Irish Sign Language: The Development, Difference, and Erasure of Female ISL”

Roger and Beth Carlton Research Scholar

Alexis Jacobson

“Optimizing neoantigen immunogenicity assessment pipeline by enhancing epitope processing”

Linn-Cohen Family Research Scholar

Maisha Jacy

“Functional role of transcription factors in regulating neuronal development in the Drosophila visual system”

Collegiate Research Scholar

Mara Jaffe

“Side-Specific Tensegrity Triangle Coatings on Target Face Crystal”

Collegiate Research Scholar

Sebastian Jamshahi

“Generation of motor neurons by forced expression of neurogenin-2 with retinoic acid and smoothened agonist”

Collegiate Research Scholar

Kathryn Jano

“A Developmental Investigation on Descriptive vs. Prescriptive Perceptions of Social Hierarchies”

Walter and Phyllis Loeb Research Scholar

Jordan Janowski

“Encoding Chirality to Create More Versatile DNA Nanostructures Based on Interjunction Base Pair Sequencing”

Collegiate Research Scholar

Yuhan Jiang

“Defining Genetic Variation Associated with DNA Damage Sensitivity”

Collegiate Research Scholar

Maria Valentina Jiminian

No title provided

Collegiate Research Scholar

Chuanyang Jin

“Deciphering the Mechanisms of RNA Splicing with Interpretable Machine Learning”

Collegiate Research Scholar

Lily Johnson

“How are you feeling? Investigating the social class-empathic accuracy association in naturalistic videos.”

Collegiate Research Scholar

Marion Kalina Heinrich

“The Syntax and Pragmatics of Question-Response Pairs between Caregivers and Children with Autism”

Daniel Getman and Leonard Marker Memorial Research Scholar

Cassie Kang

“What contributes to occupational status? Investigating how gender-stereotypic job attributes are related to perceptions of occupational prestige”

Collegiate Research Scholar

Soofia Khaledi

“Does generational status have an effect on the perception of immigrants’ assimilation?”

Collegiate Research Scholar

Mashrur Khan

“Dose of Skepticism: How People Decide to Get Vaccines”

Collegiate Research Scholar

Samaa Khullar

“Mental health disparities in the Hashemite Kingdom of Jordan: from Amman to the Zaatari Refugee Camp”

Collegiate Research Scholar

Cassidy Kohler

“Optogenetic manipulation of default inhibitory phase locking in a mouse model of temporal lobe epilepsy”

Collegiate Research Scholar

Anastasiia Korolevskaia

“Trait Dependency in the Iterated Prisoner's Dilemma Game”

John and Julia Lindsey Research Scholar

Bindu Koyi

“AlphaFold 2.0 modeling of the Tafazzin structure in Barth syndrome”

Collegiate Research Scholar

Maya Kreitman

“Making Sense 3 - Adult Cross”

Collegiate Research Scholar

Sean Ku

“An Analysis of Saturn’s Ring Structure with Camera Projection Mapping Model”

Collegiate Research Scholar

Victor Kuang

“Modeling of Saturn’s Rings based on Cassini Imaging”

Collegiate Research Scholar

Nicholas Labranche

“Particle spectrum of strings in AdS/CFT”

Collegiate Research Scholar

Rohan Lalla

“An Postindustrial Atlas of Yemini Buffalo, New York”

Giuseppe Astorina Research Scholar

Vivian Lee

“Identifying the role of cingulate cortex on listening effort in gerbils”

Collegiate Research Scholar

Sam Lewis

“Patriotism and the Internet: The Conversation of Guns on Facebook”

Sidney Feldshuh & Lillian Kaplan Feldshuh Research Scholar

Sarah Li

“Effects of Community Mobilization on Non-communicable Disease Outcomes: A Scoping Review”

Collegiate Research Scholar

Austin Li

“The positive effect of US economic sanctions on support for the leading political party in Venezuela”

Collegiate Research Scholar

Leo Li

“Mindfulness and Cognitive biases: testing moderator effects of cognitive closure and motivation behind risk-taking”

Collegiate Research Scholar

Yuelong Li

“A framework for automatic input validation, documentation, and user-interface synthesis for scientific computing”

Collegiate Research Scholar

Yuelong Li

“Finding multiple equilibria in plasma Woltjer-Taylor states”

Collegiate Research Scholar

Shannon Li

“How are you feeling? Lower social status predicts enhanced social (but not nonsocial) working memory”

Collegiate Research Scholar

Sally Liang

“Mechanical exfoliation of h-BN flakes and dry pick-up transfer process”

Collegiate Research Scholar

Yizhuo Liang, Weiran Xu

“Assertions for Distributed Applications”

Collegiate Research Scholar

Renee Liang

“RNA Localization and Protein Analysis in the Drosophila Optic Lobe”

Collegiate Research Scholar

Gloria Liu

“Unconventional Political Engagement and Meaning-Making Through Fanfiction”

Bailey Family Research Scholar

Josephine Liu

“Targeting Cancer Cell Co-attraction using CRISPR-cas9 Editing”

Collegiate Research Scholar

Luke Liu

“Learning syntax and semantics jointly to encourage compositional generalization”

Collegiate Research Scholar

Hanyun Liu

“Third Child Policy and Fertility intention: What factors influence the decision to have a third child for couples in China?”

Collegiate Research Scholar

Peiqi Liu

“Denoise images with unsupervised methods”

Collegiate Research Scholar

Zhiheng Liu

“An investigation on the separate contributions of agency-communion perceptions and male-female representations on job prestige”

Collegiate Research Scholar

Matthew Lorenzo

“Self-Assembly of an i-motif pH sensor Within a 3D DNA Lattice”

Collegiate Research Scholar

Idalys Lozano

“Patterning Twisted Molecular Crystals for Chiroptics”

Collegiate Research Scholar

Yilin Luo

“Combating Hate: A Mixed Method Research on the Social and Ideological Functions of Asian Americans Volunteer Group Under the New Waves of Hate Crimes”

Myron Kove Research Scholar

Jinhan Luo

“The Simulation of Infinitely Repeated Prisoner's Dilemma using Markov Chain”

Collegiate Research Scholar

Nahusha Madhusudan

“Can collective narcissism predict conservatives’ greater negative attitudes than liberals towards immigrants who are slower to culturally assimilate?”

Drs. Mayank and Amita Patel Research Scholar

Oliver Madilian

“Modeling Collective Cell Migration in Ciona During Early Development”

Collegiate Research Scholar

Zoe Makler

“What factors influence what majors college students pursue?”

Collegiate Research Scholar

Charlene Manipon

“Characterizing the Selectivity of KdpFABC Towards Different Ions”

Collegiate Research Scholar

Kirsten Mark

“How do infants categorize scenes?”

Collegiate Research Scholar

Hamleini Martinez

“How does a lack of racial diversity in healthcare professionals contribute to racial disparities in healthcare?”

Collegiate Research Scholar

Rachel Mascolo

“Banned Book Policies and Voter Mobilization: A Unifying Issue or A Political Weapon?”

Angelica Foundation Research Scholar

Merritt McDowell

“Characterization and Nanoconfinement of Photoresponsive 1,2-Bis(2-methyl-5-phenyl-3-thienyl)perfluorocyclopentene”

Collegiate Research Scholar

Alisha Meghani

“Pakistan's Blood Money Laws: Violence Against Women and A Failed Attempted at Restorative Justice”

Eileen Guggenheim Research Scholar

Azucena Melchor

“Safe Spaces?: A dive into Bushwick's culture of techno music and its impacts on those around it.”

Collegiate Research Scholar

Eden Seran Min

“The Crime of Disability”

Nathan Ende Research Scholar

Sophia Moore-Smith

“Cape Verde”

Arthur Frommer Research Scholar for Travel and Global Studies

Christopher Morales

“Comparison of the Contrast Sensitivity Curve between Humans and Non-Human Primates”

Benjamin PB and Fannie LG Feldman Research

Nayeli Moronta

“Medical Mistrust in Reproductive Health: Comparing the Experiences of Black and Latinx Women vs. White Women”

Salant Family Research Scholar

Sophia Motai

“Status and Linguistic Accommodation”

Liebman Family Research Scholar

Kayla Nappi

“The commodification of Spanish by both native English and native Spanish speakers in New York City elementary-school Dual Language programs”

Ariel and Alaleh Ostad Research Scholar

Maya Navarro

“Elucidating the pro-metastatic mechanisms of CNDP1 in melanoma brain metastases”

Collegiate Research Scholar

Julia Xin Yu Ng

“Taking Stock: How Tastemakers Shape the Singaporean Sustainable Fashion Scene”

Collegiate Research Scholar

Brooklyn Nguyen

“A Visual Attention Intervention to Reduce Intergroup Bias in Appraisals of Video Evidence”

Collegiate Research Scholar

Katherine Norton

“A bacterial genetic screen to identify how diet regulates *C. elegans* germline stem cells”

Collegiate Research Scholar

Esofi Nunyi

“Student's experiences in their transition from pediatric to adult care”

Ravi and Nalni Saligram Research Scholar

Mila O'Malley

“Evaluating MHC-1 Expression in B16 Melanoma Cells In Response to Interferon Gamma Considering Temporal and Tumor Microenvironment Variations.”

Collegiate Research Scholar

Mofiyinfoluwa Okeremi

“The Criminalization of Hip-hop through Rap in the United States”

Collegiate Research Scholar

Anya Pabby

“Bias in Medical School Interviews”

Collegiate Research Scholar

Aashay Pai

“Probing Complex Dynamical Systems Using Spatio-Temporal Spectral Holography”

Collegiate Research Scholar

Akeylah Pamphile

“The Result of Social Isolation as a Result of COVID-19 on the Behaviors of College Students”

Collegiate Research Scholar

Guinevere Pandolfi

“Uncovering the Origins of Endangered Foraging and “Lost Year” Green Turtles along the Coast of Brazil”

Collegiate Research Scholar

Jyo Pari

“My colleague and I are advised by Prof Lerrel Pinto, and we are trying to combine non parametric models with online reinforcement learning to allow robots to learn in the real world.”

Collegiate Research Scholar

Yash Patel, Brandon Sato

“How should you be referring to the climate crisis for higher impact?”

Daniel A Swick Research Scholar

Manav Patel

“Construction of a Random Positioning Machine for Simulated Microgravity of Cells”

Collegiate Research Scholar

Nicolas Pedrero-Setzer

“Microcinemas: Marginal Moviegoing Practices in Contemporary America”

Steffi Berne Research Scholar

Katerina Petroff

“Mesenchymal Stromal Cell Contribution to Adipocytes in Fat Pads”

Collegiate Research Scholar

Midhula Pillai

“The Behavioral Impact of Regulating IMP in Type II Neuroblasts”

Collegiate Research Scholar

Michael Poling

“Moral Motivation and Causality in Spinoza and Kant”
Count Lorenzo Attolico di Adelfia Research Scholar

Yichen Qian

“Donsker's Theorem and its Simple Applications”
Joel and Shari Beckman Research Scholar

Lanxuan Qiao

“Cross-Cultural Differences in Perception of Facial Attractiveness”
Collegiate Research Scholar

Brenda Qiu

“The relation between the size of hV4 and visual crowding”
Collegiate Research Scholar

Roshni Raj

“The effects of adverse rearing on the infant brain’s amygdala over a developmental time course.”
Collegiate Research Scholar

Harshita Ramchandani

“Understanding the Structure of the Microsporidian Polar Tube using Cryo-Electron Tomography and 3-D Reconstructed Models”
Collegiate Research Scholar

Harlan Reiss

“Gentrification-caused displacement: What can be done?”
Kringstein Family Research Scholar

Liza Reizis

“Understanding the Negative Impact of Obesity During COVID-19 Infection”
Collegiate Research Scholar

Emily Ren

“Blurring the boundary of the binary female social characters: the mother-and-child motif in the woodblock prints in Edo Japan”
Susumu Okamura Research Scholar

Rebecca Ronnen

“Understanding the Relationship Between Tumor-cell Autonomous Calcium Waves, Calcium-Calmodulin Dependent Kinase II (CAMKII), and Downstream Substrates of CAMKII in Patient-derived Glioblastoma Cells”
Mortimer J Natkins Memorial Research Scholar

Karlee Rowland-Paz

“Spatial and temporal expression of innexins in the developing fly visual system”

Collegiate Research Scholar

Joe Rueb

“Self-Assembly of 3D DNA Polygons”

Collegiate Research Scholar

Gaia Rueda Moreno, Hannah Owen

“dispersal, morphology of the spotted lanternfly, and the impact of public opinion in an urban context”

Collegiate Research Scholar

Nadia Sadri

“Exploring Chromatin Accessibility Following Condensin DC Recruitment to Active Genes”

Collegiate Research Scholar

Fabiola Sanabria

“Efficiency of Carbon Taxes: Denmark as a Case Study”

Frances and Benjamin Benenson Research Scholar

Jaiden Sanchez

“Indigenous Feminism”

Collegiate Research Scholar

Brandon Sato

“Simulating Microgravity for Live Human Cells Using A Random Positioning Machine”

Collegiate Research Scholar

Carson Schultz

“Influence of A1 Aggregated Astrocyte State on Translation Levels in Memory Loss Diseases”

Samuel E.Q. Ashley Research Scholar

Paige Septak

“Investigating the Neural Activation Associated with Emotional Reaction to Extreme Inequality”

Collegiate Research Scholar

Siyang Shen

“Does adolescents’ gender predict their mental representation of the leader role?”

Collegiate Research Scholar

Leon Shen

“Linear recurrences of order at most two in nontrivial small divisors and large divisors and its generalization to number fields”

Collegiate Research Scholar

Nancy Shi

“Elucidating the Role of the Nuclear Envelope in the Nucleocytoplasmic Transport”

Collegiate Research Scholar

Nathalie Shoji

“Development of Cell-Type-Specific Split-GAL4 Lines to Characterize Novel Neuronal Cell Types in the Drosophila Visual System”

Max and Cecil (Steuer) Chesin Research Scholarship in the Life Sciences

Hannah Siegel

“Gender and Jewish Religious Garments”

Ellie and David Werber Research Scholar in Social Sciences

Adelina Simpson

“Look over there! Social class predicts social (but not nonsocial) cue following”

Collegiate Research Scholar

Danie Sivertsen

“Bypassing Sticky-Ends: Programming 3D DNA Crystals Using Pi-Stacking Interactions”

Collegiate Research Scholar

Aaron Slack

No title provided

Collegiate Research Scholar

Hannah Smith

“A physiologically-compatible paradigm for acute stress in OCAM studies.”

Collegiate Research Scholar

Mennah Soliman

“The Interaction of Spatial and Temporal Gene Regulatory Programs in Neural Development”

Herman Berkman Undergraduate Research Scholar

Muhammad Soliman

“Comparison of Gene Expression and Immunostimulatory Profiles between Class B and Class C CpG ODN Treatment in Geriatric Squirrel Monkeys”

Collegiate Research Scholar

Yvette Somersel

“Elucidating the role cis-regulatory elements play in activity-regulated transcriptional programs”

Collegiate Research Scholar

Anthony Sukotjo

“Do mayoral candidates moderate their political ideology for the general election?”

Collegiate Research Scholar

Pallavi Sundaram

“Heat Responsive Organic Semiconductor/Polymer Blend for Emerging Optoelectronics”

Dr. Milton Goldstein, DDS, Research Scholar

Ryan Tao

“Resolving Structural and Social Injustice of the Jacob Riis Houses”

Collegiate Research Scholar

Aidan Taylor

“Desegregation Busing in St. Louis: what the end of the program means for the city”

Joseph Jerome Research Scholar

Yashita Thota

No title provided

Collegiate Research Scholar

Ilene Tisnovsky, Candace Patrick, Rachel Wu, Tara Cooney

“Bridging the Gap: Developing a Meta-Disciplinary Map to Ease Writing Anxiety”

Collegiate Research Scholar

Eugene Toth

“Rational Design of an E6AP mimic to target HPV16E6”

Collegiate Research Scholar

Kimberly Union

“Retrieval of Soil Organic Carbon from Hyperspectral Imagery”

Joseph Gilbride Research Scholar

Alejandra Urquieta

“The role of the hippocampus in maternal suppression of infant fear”

Collegiate Research Scholar

Ethan Vainrib

“A Comprehensive Analysis of Beach Contamination along an Urban-Rural Gradient on the South Shore of Long Island”

Collegiate Research Scholar

Sai Vendidandi

“Effects of AC Stimulation on the Cerebellum”

Collegiate Research Scholar

Bryanna Vilnaigre

“Investigating the Functional Role and the Molecular Identity of Foxp2+ cells in the Bed Nucleus of the Stria Terminalis in Male Mice”

Collegiate Research Scholar

Kelvin Vuong

“Detection of Intracellular NADH via a Fluorescent/Raman Dual-Modality Probe”

Wilfred L. and Ruth S.F. Peltz Research Scholar

Renee Wang

“Proposer Uncertainty and Competition in Bargaining”

Dr. Evan and Brooke Kaye Research Scholar

Ruolin Wang

“Comparative Studies of the Qin and Ming Great Walls in Eastern China”

Washington Square College Class of '42 Research Scholar in Humanities

Austin Wang

“Classifying two groups of epilepsy patients who are effective and ineffective to medical treatment, by training a Support Vector Machine based on their Electroencephalography signal.”

Collegiate Research Scholar

Tricia Wang

“Platelets and Macrophage Memory”

Collegiate Research Scholar

Elliott Wenzel

“The Libelli de Lite and the Conceptions of Rulership during the Investiture Conflict”

Holten Family Research Scholar

Hunter Whitbeck

“The Effects of Aging on Telomere Dynamics in the Jumping Ant, *Harpegnathos saltator*”

Sorrell and Lorraine Chesin Research Scholarship in the Life Sciences

Kyle Whitt

“Designing an Activity Index for New York City”

The New York Community Trust Murray Hidary Research Scholar

Abby Williams

“Detecting Horizon-Scale Gradients in Large-Scale Structure”

Stan Brettschneider Research Scholar Award in the Sciences

Ambria Williams

“Law, Science Fiction, and Biomedical Technology: Utilizing design fiction to develop policy frameworks for medical robots”

Collegiate Research Scholar

Abby Wilson

“Therapeutic, justice-centered tattooing: Exploring ancestral roots and emphasizing client needs through a new wave of tattoo artistry”

Collegiate Research Scholar

Leila Winn

“The Effect of Helicopter Noise Pollution on Birds on Governors Island”

Collegiate Research Scholar

Andrew Witty

“Exploration of a Zinc based substitute for Silver Diamine Fluoride in the treatment of Dental Caries.”

Collegiate Research Scholar

Taylor Xie

“Speed discrimination in the parafoveal and peripheral visual field”

Collegiate Research Scholar

Angel Xing

“The Intersection Between Social Norms and Beliefs in the Context of Climate Change”

Collegiate Research Scholar

Olivia Xu

“Visual encoding as a sensitive measure of attentional impairment and gaze preferences in epilepsy”

James A Shea Research Scholar

Weiran Xu, Yizhuo Liang, Yizhuo Liang

“Assertions for Distributed Applications: Detect and Respond to Bugs at Runtime”

Collegiate Research Scholar

Angelina Xu

“Effects of plasticity in a circadian context in *Drosophila*”

Collegiate Research Scholar

Albert Yan, Ruizhe Li,

“Application of Machine Learning in Food Price and Quality: A Case Study of Spanish Wine”

Collegiate Research Scholar

Candice Yao

“What Does an Event Do to Another: A Study of the Discursive Intersection of Climate Change and the Russia-Ukraine War”

Collegiate Research Scholar

Tianle Ye

“Change in Young Adult Believers' Faith in Christianity in the Context of the COVID-19 Pandemic”

Collegiate Research Scholar

Mayee Yeh

“Queering Singular They and the Influences of Acoustic Characteristics on Grammatical Acceptability”

Collegiate Research Scholar

Astra Yu

“The effect of phosphomimetic eIF2 α on protein synthesis and tau phosphorylation”

Collegiate Research Scholar

Jiarui Zhang

“Industries Sensitivity to Bank Entry and Credit Provision Variance: Evidence from the National Banking Era”

Jurate Kazickas Research Scholar

Ya Shi Zhang

“Amortized Analysis of a Generalized Framework for Recursive Range Functions”

Collegiate Research Scholar

Yueqing (Selena) Zhang, Yuqian Zhang, Yiling Ding

“Follow-up of Pediatric Dental Patients Who Participated in the Randomized Clinical Trial on the Effectiveness of Silver Diamine Fluoride”

Collegiate Research Scholar

Yuqian Zhang

“The Three-Vortex Problem”

Collegiate Research Scholar

Yuan Zhang

“This project investigates the low frequency variability in the atmosphere to assess weather fluctuations on a time scale of 10 to 30 days and to understand their relation to the Earth’s energy budget.”

Collegiate Research Scholar

Ya Shi Zhang

“Reduction of Assumptions for the Existence of Non-Interactive Zero-Knowledge Proofs for NP Languages”

Collegiate Research Scholar

Stephen Zhang

“Hierarchical Efficient Transformer Over Long Clinical Notes Assisting and Improving Automatic Medical Coding”

Collegiate Research Scholar

Ya Shi Zhang

“Presence of Neural Collapse of a Neural Network under Adversarial Training”

Collegiate Research Scholar

Hongyi Zheng

“No title provided”

Collegiate Research Scholar

Tom Zhou, Liam Walsh, Xan Carey

“Investigating the temporal fine structure of music appraisals as a function of auditory features and personality”

Collegiate Research Scholar

Lisa Zhu

“Preferential looking at own-race versus other-race faces across infancy”

Collegiate Research Scholar

Spring 2023

Elizabeth Abraham

“Decoding the Role of HIF-1 α in Staphylococcus Aureus Skin Infection”

Collegiate Research Scholar

Ali Alshehhi

“Real Estate Price Predictions using Alternative Data Sources”

Collegiate Research Scholar

Kaja Andric

“On the Cultural War in the Wake of the ex-Yugoslav Conflict”

Collegiate Research Scholar

Nick Ankuta

“Disambiguating Computational Learning Models on an Auditory Sequence Prediction Task”

Collegiate Research Scholar

Jiayi Bai, Paris Hong

“The relationship between private health insurance coverage and economics growth among the U.S. states”

Collegiate Research Scholar

Bardan Bhatta

“The Role of Fibroadipogenic Progenitors in Homeostatic Maintenance, Regeneration, and Atypical Tissue Formation in Skeletal Muscle”

Collegiate Research Scholar

Maureen Brusco

“Aryl Diazonium Derivatives as Radical Generators and Their Affinity for DNA Cleavage”

Collegiate Research Scholar

Andrea Cardiel

“The Fight Against Forgetting: Investigating the Impact of APOE Genotype on pTau Metabolism in Sporadic Alzheimer's Disease”

Collegiate Research Scholar

Austin Celestin

“Community Boards: An Essential Piece of the Land Use Process or Democracy's Greatest Paradox?”

Collegiate Research Scholar

Charan Chansrichawla

“Expanding the substrate promiscuity of the enzyme FKP.”

Collegiate Research Scholar

Akshat Chavan Patil

“DeepTech Ecosystem Research”

Collegiate Research Scholar

Robert Chen, Robert Chen, Kevin Li, Yilu Pan, Yixin Wang

“Random Partial Trace Estimation”

Robert Selander Research Scholar.

Ethan Chen

“Named Entity Recognition for Classification of Wikidata Properties”

Collegiate Research Scholar

Harry Chen

“A Comparative Analysis of Machine Learning Algorithms for Equity Pricing based on Factor Models”

Collegiate Research Scholar

Carrie Chen

“Effect of Single-Residue Mutations on CTCF Binding to DNA: Insights from Molecular Dynamics Simulations”

Collegiate Research Scholar

Evan Cheng

“Behavioral symptoms of Alzheimer's Disease progression in border-associated macrophage-depleted mice”

Collegiate Research Scholar

Diya Cherian

“Modulation of SARS-CoV-2 Nsp13 helicase activity using allosteric ligands”

Collegiate Research Scholar

Olivia Cho

“MRI Monitoring of Amyloid Pathology in New World Primate Model”

Collegiate Research Scholar

Olivia Choi

“The functional landscape of essential long noncoding RNAs in human cells”

Marie and Anthony Rao Research Scholar.

Jordan Chong, Jack Logan

“What Do Our Students Want: A Data Driven Tool to Promote University Wellbeing”

Collegiate Research Scholar

Aria Chowdhury

“Uncovering the impact of gender-based victimization and moral conviction against gender equality on the rise of hostile sexism”

Collegiate Research Scholar

Steve Ciervo

“Using predictive analytics to understand how genes interact in Dementia”

Collegiate Research Scholar

Armon Dadvand

“Framing Effects on Gender Disparities in Political Leadership”

Collegiate Research Scholar

Armon Dadvand

“Deradicalizing Incels by Fostering Empathic Malleability”

Collegiate Research Scholar

Yinlong Dai

“Developing a Physics Simulation for Omentectomy Surgery: Modeling the Interaction between Deformable Omentum and Rigid Organs”

Collegiate Research Scholar

Anoushka Dalvi

“Assessing the Role of Condensin II in the Establishment and Maintenance of Extrusion Loops in Hermaphrodite *C. elegans*”

Collegiate Research Scholar

Ethan Delgado

“Green Programming Languages: The Key to Carbon Friendly Artificial Intelligence.”

Collegiate Research Scholar

Anthony Dender

“Review and Analysis of Choice of Topology in the Particle Swarm Optimization Algorithm”

Collegiate Research Scholar

Ruiqi Deng, Avery Hang

“Multi-task benchmark for evaluating language model’s performance on clinical measurements”

Collegiate Research Scholar

Andre Dubovskiy

“Using a Field Programmable Gate Array (FPGA) to Measure the Randomness of Spin-Transfer Torque Magnetic Random Access Memory (STT MRAM)”

Collegiate Research Scholar

Mohamed Eleish

“Sports & Gender Project: The goal of this project is to discover what lies behind the distribution of boys and girls in high school sports.”

Collegiate Research Scholar

Yagiz Erdogan

“An American Eclecticism in Constantinople: Charles H. Rutan's American College for Girls”

Pudding Hill Research Scholar.

Delaney Espinoza

“Under different starvation conditions, what is the threshold of nutrient level that is viable for cancer cells.”

Collegiate Research Scholar

Iris Fagniez

“Search for a new receptor of human PDL-1 and PDL-2”

Collegiate Research Scholar

Ivri Faitelson

“a proposal to obtain computational resources for a biological machine learning project”

Collegiate Research Scholar

Catherine Fan

“Uncovering the Projection of Dopamine Receptors within the Posterior Dorsal Striatum”

Collegiate Research Scholar

Camila Fang

“Identity of Early-Stage Metastatic Tumors in the Lymph Node”

Collegiate Research Scholar

Safa Fazili

“The Effects of a Language Barrier on Patient Reported Health Outcomes Post Surgery”

Collegiate Research Scholar

Matthew Feingold

“Health Justice Network of New York City”

Tory Dent Research Scholar.

Serena Fu

“Examining the effects of children's environments on their beliefs about who is a typical person”

Collegiate Research Scholar

Runji (Randy) Gao, Ke Fang

“Social Norms and Partisan Framing: Bridging the Climate Change Belief Gap”

Collegiate Research Scholar

Carla Garcia Medina

“Open-Loop Reward Retrieval: Mining Reward Functions from Joint Latent Spaces”

Collegiate Research Scholar

sofi Gonzalez

“Cultural identity may play a role in bilingual language processing”

Collegiate Research Scholar

Aryan Govil

“Framework for Mind-controlled wheelchair for ALS patients, Using Brain Computer Interface and EEG Technology”

Collegiate Research Scholar

Jeffrey Guan

“Geospatial Analysis of Food Deserts and Socioeconomic Health Disparities on Low Income Urban Communities for Targeted Allocation of Federal Funding for Nutritional Risk”

Collegiate Research Scholar

Michael Guerrero

“What does a leader look like to teens?”

Collegiate Research Scholar

Sukthi Gunda

“Is the Rho GEF Pura a required protein for retraction in circadian clock neurons?”

Collegiate Research Scholar

Linya Guo

“Chemokine receptor requirements for T cell exit from the skin”

Collegiate Research Scholar

Sachita Gupta

“Obstructive Sleep Apnea Treatment as a Possible Preventive Method for White Matter Hyperintensities”

Peggy and Bernard Sakin Research Scholar.

Aria Han

“Exploring the nonlinear dynamics of coupled neuronal networks based on the FitzHugh-Nagumo model”

Collegiate Research Scholar

Jeremy Haviv

“The border between Money and Comfort”

Collegiate Research Scholar

Katherine Hightower

“Identifying Defects in Electrospun Perovskite Nanofibers Using Electronically Detected Magnetic Resonance”

Collegiate Research Scholar

Ainsley Hoh

“Targeted Marketing Using Influencers: Implications on Minority Adolescents' Dietary Choices and Visual Attention”

Collegiate Research Scholar

Amitra Hoq

“SARS-CoV-2 Decoy Receptors”

Collegiate Research Scholar

Xianyang (Eric) Hu

“One-dimensional Vector Quantile Regression vs. Classical Quantile Regression”

Swartz Family Research Scholar.

Ashley Huang

“Humans and Waste: Forging a Connection with the Assistance of AI”

Collegiate Research Scholar

Yingrong Huang

“Analyzing whether inequalities in maternal health could be decreased through service delivery of prenatal health programs in under-resourced areas of China and the U.S.”

Collegiate Research Scholar

Stephanie Huang

“Spatiotemporal Development of Sensory Neurons for Vertical Gaze-Stabilization in the Larval Zebrafish”

Collegiate Research Scholar

Caroline Huber

“Factors and Analysis of Women’s Wellness in the United States”

Collegiate Research Scholar

Priscilla Hunnewell

“Gertrud: A Biography”

Tory Dent Research Scholar

Ahmed Hussein

“Investigating Gender Disparities in Sports from Childhood to Adulthood”

Varet Family Research Scholar

Chuanyang Jin

“Fast Diffusion Transformers”

Collegiate Research Scholar

Nellie Jun

“Analyzing AI-Generated Depictions of LSD-Induced Hallucinations: Can We Use AI to Visualize Human Altered States of Consciousness?”

Collegiate Research Scholar

Jasmeen Kaur

“The Impact of AI on the Job Market”

Richard Robins Entrepreneurial Research Scholar

Diana Kazarian

“Defining the Nagorno-Karabakh Conflict: A Survey Study and Oral History in Armenia”

Collegiate Research Scholar

Cheng Yang Emos Ker, Dongjoo Lee, Zander Chen

“Big Data Analysis: Using Social Media and Online Data to find the popularity of Election candidates”

Collegiate Research Scholar

Yunika Khamcha Magar

“Determining the Role of Cell-Cell Adhesion in Neuromast Disposition”

Collegiate Research Scholar

Sara Khan

“To What Extent Does the Increased Presence of MNCs in India Affect Sentiments of Liberalization and Decrease the Gender Wage Gap?”

Philip Alfred Lotz Research Scholar.

Shin Kim

“Confined Crystallization of Tetrathiafulvalene in Polydimethylsiloxane Molds”

Sidney Probst Research Scholar.

Hakyoung Kim

“Evaluating the Efficacy and Safety of CpG ODN in Squirrel Monkeys with Cerebral Amyloid Angiopathy (CAA) via Immunohistochemistry.”

Collegiate Research Scholar

Kirill Kiselev

“The neural mechanism of semantic knowledge generalization in rodents”

Drs. Aaron A. and Francine M. Stein Family Research Scholar.

Kirill Kiselev

“Misplaced Certainty Relates to Simplistic Preferences and Evaluations”

Miller Family Research Scholar.

Amalia Korniyenko, Ghina Al Shdaifat

“Investigating the Relationship Between Psychopathic Traits and Sexual Behavior”

Collegiate Research Scholar

Jayna Kramsky

“Applied Innovative Methods to Prevent Child Maltreatment Lab”

Howard M. Weisberg Family Research Scholar.

Anand Kumar

“Vikramshila Central University Project: Land Acquisition, Gentrification Control and Mitigation Plan”

Collegiate Research Scholar

Shubhdip Kundlas

“FOLLOW ME FRIENDS”

Collegiate Research Scholar

Nick Labranche

“Comments on the two String Amplitude”

Collegiate Research Scholar

Julissa Laignelet

“Breaking the Accent Barrier: Optimizing Open Source Accented Speech Recognition Systems for Spanish-Speaking Users in English”

Collegiate Research Scholar

Hannah Mia Lauricella

“GPA- 3.783; The Latino Migration Story- International Cinema’s Questioning of the Attainability of the American Dream.”

Collegiate Research Scholar

Anh-Thu Le

“The Role of Extra TFIIC Sites in the Fidelity of Chromosome Segregation”

Collegiate Research Scholar

Samuel Jinho Lee

No title given

Collegiate Research Scholar

Yuna Lee

“Social Status and Its Impact on Cross-Interaction Conversations”

Collegiate Research Scholar

Bryce Lexow

“The Association between Visual Attention and Motivational Mindset Processes among runners”

Collegiate Research Scholar

Chengji Li

No title given

Collegiate Research Scholar

Alex Li

“Growth and Pollution - Rise and Fall”

Collegiate Research Scholar

April Li

“Generating MiMIC/CRIMIC-split-GAL4 genetic drivers via in vivo crosses”

Collegiate Research Scholar

Christina Lian

“Upcycling and Depolymerization of Polymethyl Methacrylate”

Collegiate Research Scholar

Sally Liang

“Mechanical Exfoliation of h-BN as dielectric in Josephson junction Fabrication”

Collegiate Research Scholar

Renee Liang

“Protein Analysis and RNA localization in the Drosophila Optic Lobe”

Collegiate Research Scholar

Serena Liu

“OurChild: A Health IT Solution to Reduce Minority Health Disparities”

Joseph A. Rice Research Scholar.

Frank Liu, Frank Liu, Nicholas Wang

“An investigation into the effect of nucleotide protein binding markers on the mechanisms of RNA splicing”

Collegiate Research Scholar

Josephine Liu

“Inhibition of key collagen receptors through CRISPR-cas9 restrains cell co-attraction”

Collegiate Research Scholar

Leo Liu

“Online representational life-long learning”

Collegiate Research Scholar

Xiaoteng (Frank) Liu, Xiyu Hao

“Improving ML-based Scheduling for Distributed Systems: Overcoming Data Collection and Online Adjustment Challenges”

Collegiate Research Scholar

Idalys Lozano

“Patterning Twisted Crystals of Organic Semiconductors”

Collegiate Research Scholar

Jie Lu

“The Effect of Race on the Awareness of Gender Status Differences”

Joan C. Suttles Estate Research Scholar.

AJ Luesebrink

“Assistance in neurobiosensor research in the Tal Laviv Lab in Tel Aviv”

Collegiate Research Scholar

Angela Ma

No title given

Arthur L. Wolf Research Scholar

Willis Ma

“Text to image generation with Diffusion Transformers”

Collegiate Research Scholar

Oliver Madilian

“Modeling Collective Cell Migration in Ciona During Early Development”

Collegiate Research Scholar

Yatin Mankan

“Identifying Candidates to Modulate MYC Protein Levels and MYC-Driven Transcription”
Collegiate Research Scholar

Aaqib Mansoor

“Famous Faces Assignment: Assessment of Natural Language Processing”
Collegiate Research Scholar

Jesiah Matthews

“Ghanaian Diaspora Entrepreneurship in Ghana”
Collegiate Research Scholar

Edward Nah

“A Meta-Analysis of Body Weight Loss Calculation Methods”
Collegiate Research Scholar

Tucker Neal

“Antiviral Peptoids: A Novel Approach to Preventing and Treating Enveloped Viruses Through Mechanisms of Membrane Disruption.”
Collegiate Research Scholar

Thao Nguyen

“Fitness cost of genes responsible for antibiotic resistance”
Collegiate Research Scholar

Taha Niazi

“Identify the signaling mechanisms that mediate cancer-associated cachexia in Lkb1-mutant lung cancer upon consumption of high dietary fat.”
Collegiate Research Scholar

Tarek Noiem

“The feasibility of a rugged universal text focused fact checking system to fight against misinformation online.”
Collegiate Research Scholar

Saiesha Nooguru

“Exosomal mechanism to stimulating complete wound healing in diabetic mice.”
Collegiate Research Scholar

Katherine Norton

“A bacterial genetic screen to identify how diet regulates *C. elegans* germline stem cells”
Collegiate Research Scholar

Esofi Nunyi

“Experiences of College -Age Students in the transition from pediatric to adult care”
Collegiate Research Scholar

Mila O'Malley

“Investigating the JAK-STAT signaling pathway as a cause for ischemic down-regulation of MHC-1, despite IFN γ presence.”
Collegiate Research Scholar

Haley Ogbemudia

“Investigating the time perception in a fragile X rat model”
Collegiate Research Scholar

Aashay Pai

“Probing Active Galactic Nuclei in the mid-infrared band using the MaNGA and Spitzer catalogues”
Collegiate Research Scholar

Hengkai Pan, Hengkai Pan, Zijin Hu

“Enhanced Medical Image Captioning Using Bidirectional Transformer Models for Superior Diagnostic Interpretation”
Collegiate Research Scholar

Saatwik Panigrahi

“Using Artificial Intelligence to Predict Undernourishment”
Collegiate Research Scholar

Yash Patel

“The Intersection Between Social Norms and Beliefs in the Context of Climate Change”
Collegiate Research Scholar

Shlok Patel

“Measuring the Effects of an Insulin-Like Growth Factor Analogue on a Angelman Syndrome Model in Mice.”
Collegiate Research Scholar

Shrey Patel

“Assessing the Microbiome of the NYC Transit System”
Collegiate Research Scholar

Keyur Patel

“Identifying targets of Hr38 transcription factor using RNA seq to look at the expansion of sLN ν circadian clock neurons in *Drosophila* fruitflies.”
Collegiate Research Scholar

Cameryn Peknik

“DNA Damage and Carcinogenicity: Comparative Study of Electronic Cigarette Aerosol and Tetrahydrocannabinol (THC) Cartridge Aerosol”

Collegiate Research Scholar

Josh Petit

“The Narrative and Structural Connections Between Mrs. Dalloway, Ulysses, and the Hours”

Thomas Kane Research Scholar in English.

Katerina Petroff

“Effects of Mesenchymal Stromal Cells on Mouse Phenotype”

Collegiate Research Scholar

Savannah Prager

“Goal Attribution in Human Infants and Machines”

Collegiate Research Scholar

Matt Pranaitis

“Overview of cross-laminated timber and the reasons that hinder its becoming the new standard in the construction industry”

Larry and Klara Silverstein Research Scholar.

Gabriella Radice

“Adolescent Pregnancy in Buenos Aires and New York City: a cross cultural comparison”

Mary L. Santirocco Research Scholar.

Christine Ren

“Providing Cultural Matches: Social Class as a Predictor of Performance in Perspective Taking and Complex Social Reasoning”

Collegiate Research Scholar

Dylan Rhodes

“A Dedicated Neuronal Population Underlying Alloparental Behavior”

Collegiate Research Scholar

Tenzin Rinkartsang

“The role of cardiolipin in neonatal cardiomyocyte maturation in protein and phospholipid turnover”

Collegiate Research Scholar

James Robles

“The Dual Impact of the Gig Economy on Workers' Rights and Immigrants' Rights in New York City”

Collegiate Research Scholar

Amilleah Rodriguez

“Non-local conceptual combination in Large Language Models”

Collegiate Research Scholar

Rebecca Ronnen

“Understanding the Relationship Between Tumor-cell Autonomous Calcium Waves, Calcium-Calmodulin Dependent Kinase II (CAMKII), and Downstream Substrates of CAMKII in Patient-derived Glioblastoma”

Collegiate Research Scholar

Justin Rosario

“Does human aldose reductase (AR) facilitate senescence in H9C2 cells?”

Collegiate Research Scholar

Joe Rueb

“Expansion and Contraction of Self-Assembled 3D DNA Crystals”

Collegiate Research Scholar

Gaia Rueda Moreno

“Characterizing Novel Urban Riparian Ecosystems: a case study of The Hudson river”

Collegiate Research Scholar

Cheryn Ryoo

“An Examination of Decision Makers' Deference to Machine-Generated Responses given Reported Confidence”

Daniel A. and Amy L. Rock Research Scholar.

Rida Saad

“The impact of language on how infants understand object-directed gaze”

Collegiate Research Scholar

Sana Sajjad

“Can Artificial Intelligence Help Flag Fake News? Towards an Experimental Predictive Analytics Tool to Help Detect Misinformation in News Articles”

Collegiate Research Scholar

Jada Sampson

“Enantiopure end functionalized helical polymers”

Nicole and Joseph Meyer Research Scholar.

Sevastian Sanchez, Inti Robinson Campbell

“An Investigation of Air Quality Inequities Across Mixed Modes and Routes of Public Transportation in New York City”

Horace Wendorf Research Scholar.

Benjamin Sapozhnikov

“The Potential Paired Future of Decentralized Autonomous Organizations and Environmental, Social, and Governance Frameworks”

Collegiate Research Scholar

Stuti Saria

“A Dynamic Discrete Choice Model to Estimate the Likelihood of Consumers Upgrading their PV Systems”

Dr. Aston McLaughlin Research Scholar.

Ben Schmelmer

“Scaffold-directed crystallization of solution-processable metal halide perovskites for optoelectronics.”

Collegiate Research Scholar

Paige Septak

“I know how you feel: Lower social class advantages in decoding subtle nonverbal expressions”

Collegiate Research Scholar

Aleksa Shinaberry

“Uncovering the effects of resource heterogeneity on *Caenorhabditis* species coexistence”

Collegiate Research Scholar

Adelina Simpson

“Let's stick together: Differences in social network structure contribute to social class cultural differences”

Collegiate Research Scholar

Preeha Sohail

“Investigating opioid use prediction rates and dosage requirements through a neuroeconomic framework”

William J. McKeon Research Scholar.

Muhammad Soliman

“Longitudinal Evaluation of Gene Expression Immunostimulatory Profiles and Plasma Biomarker Profiles Following Chronic Treatment with Class C CpG ODN”

Collegiate Research Scholar

William Steger

“An Analysis of the Faunal Pleistocene Assemblage of the Cueva Negra, Spain Dating to ~850,000 Years Before Present”

Collegiate Research Scholar

Yuming Tan

“Empowering Diverse Adolescent Leaders: An Interactive Workshop Approach to Promote Growth Mindsets, Belongingness, and Challenge Stereotypes In Leadership.”

Collegiate Research Scholar

Maosen Tang

“Stylized Animation using Freeform Vector Graphics with Controlled Thin-plate Splines”

Collegiate Research Scholar

Ardi Tayebi

“Caught Between East and West: An Analysis of the Differential Treatment of Ukrainian Refugees and Other Migrants in Italy”

Collegiate Research Scholar

Sukruthi Thunga

“Investing Barriers to Usage of Primary Care Services Among College Students”

Kurt M. Mislow Research Encouragement Scholar.

Zaskia Torres

“Colombia’s False Positives Scandal: Gestures, Representation, and Testimonies”

Collegiate Research Scholar

Thomas Traub

No title given

Collegiate Research Scholar

Alexis Tretschok

“The Metropolitan Museum’s Cesnola Collection: Cypriot Art between East and West”

William F. Weld Research Scholar in Ancient Studies.

Alex Tschinkel

“A Further Exploration into the Synthesis and Separation of Patchy Particles”

Collegiate Research Scholar

Maimunah Virk

“Localization of ARC and LC3B in IA trained vs untrained rat hippocampus”

Collegiate Research Scholar

Kelvin Vuong

“Detection of Intracellular NADH via a Fluorescent/Raman Dual-Modality Probe”

Collegiate Research Scholar

Katie Wang

“Towards Understanding the Molecular Basis of Fragile X Syndrome”

Collegiate Research Scholar

Tricia Wang

“Platelets and Macrophage Memory”

Collegiate Research Scholar

Jesse Wang

“Long non-coding RNA regulated gene expression in atherosclerosis and inflammatory response”

Collegiate Research Scholar

Grace Wang

“Evaluating the Performance of Machine Translation Metrics on Different Languages”

Collegiate Research Scholar

Charles Wang, Nicholas Cornick

“to what extent does the social media data provide a reflection of the public’s opinions and the sentiments regarding political candidates and their level of popularity in the US presidential election.”

Collegiate Research Scholar

Lisa Wang

“A Horizontal Evaluation of Performances of Phrase-Based, Statistical, Hybrid, and Neural Machine Translation Models in Implicit Discourse Relation Classification”

Collegiate Research Scholar

Anna Wang

“Recessions and American Drug Use”

Collegiate Research Scholar

Tanwi Wangikar

“Examining Transformations”

Schachter Family Research Scholar.

Anthony Widjaja

“Uncovering the function of the Start-Stop in the 5' UTR of SMCR8”

Collegiate Research Scholar

Angel Wu, Yue You

“A study on the isoperimetric problem: graphs and singular surfaces”

Collegiate Research Scholar

Jinli Xiao

“A study of distributed matrix multiplication used for large DNN model training”

Collegiate Research Scholar

Angel Xing

“Overestimating Group Norms: The Impact of Online Extremist Speech on Polarization”

Collegiate Research Scholar

Olivia Xu

“Visual encoding as a sensitive measure of attentional impairment and gaze preferences in epilepsy”

Collegiate Research Scholar

Ken Yan

“A Refined One-Dimensional Vehicular Traffic PDE Model Based on Object Detection Algorithms and Regression Analysis”

Collegiate Research Scholar

Zihao Yang

“The impact of multitask learning and correlations between coding systems on imbalanced ICD9 code classification”

George Maker Research Scholar.

Kris Yang

“Humor, Stand-up comedy, and feminist activism in contemporary China”

Lydia R. Reeve Research Scholar.

Shuting Yang

“Emotion Regulation, Self Control, and Construal Level”

Varet Family Research Scholar.

Julia Yi

“Effect of exposure to counterstereotypical exemplar on African American adolescents’ mental representation of leadership roles”

Collegiate Research Scholar

Hang Yin, Gefei Gong, Wenjing Pang

“Exploring Homogenization in Vocaloid Music using Machine Learning and Feature Extraction”

J.S. Sinclair Research Scholar.

Zhen Yu

“In The City: Interrogating American Magic Realism”

Collegiate Research Scholar

Katerina Zakonova, Candace Patrick, Rachel Wu, Michaella Blemur, Charlotte Swenson

“Bridging the Gap: Developing a Meta-Disciplinary Map to Ease Writing Anxiety”

Collegiate Research Scholar

Helen Zardus

“A Dangerous Runner’s High: The psychological complications of the dawn of exercise-based social media platforms”

Collegiate Research Scholar

Aria Zhang

“Thermal Tolerance Adaptations of Spotted Lanternflies *Lycorma delicatula* to different climates of New York and Shanghai”

Julie C. Schiefflin Research Scholar.

Sarah Zhang

“Synthesis development and characterization of surface strain interactions in BaTiO₃ ferroelectric nanoparticles”

Rose and Barry McMerney Research Scholar.

Vincent Zhang

No title provided

Collegiate Research Scholar

Jiawei Zhang, Silyu heng, Jiawei Zhang

“A Post-prediction Inference Framework for Design-based Causal Inference with Missing Outcomes”

Collegiate Research Scholar

Yuqian Zhang

“Impacts of COVID on wine’s retail profit margins”

Collegiate Research Scholar

Gavin Zhao, Clara Xi Wang

“Brain-region specific oxytocin signaling and its impact on behavior”

Arthur Noulas Research Scholar.

Zelin Zhao

“Brain bottlenecks for visual recognition in clutter”

Collegiate Research Scholar

Yiwei Zhao

“The Ugly Transformation and Coexistence Between Humanity and Animality in Chinese Modern Literature: Literary Analysis and A Creative Writing Approach.”

Collegiate Research Scholar

Emily Zhu

“The Model Minority Myth and the Legitimization of Inequality”

Collegiate Research Scholar

Alicia Zhu

“Zelda Transcriptional Regulation in Bidirectional elba1 and elba3 Drosophila Genes”

Collegiate Research Scholar