RECIPIENTS OF $10,000 UNDERGRADUATE RESEARCH SCHOLARSHIPS

Aaron Gabriel Englander, Economics, Ambiguous Probabilities and Outcomes: Willingness to Pay to Improve Gambles and Reduce Ambiguity, Professors Paul J. Healy and Katherine Baldiga Coffman

Janine Renee Schuette, Anthropological Sciences, Vocal Performance as an Honest Signal of Physical Condition, Self-Perceived Competitive Abilities, and Testosterone Levels in Human Males, Professor Dawn M. Kitchen

Eric Mathias Tretter, Microbiology, Statin Myotoxicity Mediation by Lipid Signaling, Professor Narasimham Parinandi

Florence Gabriela Velez-Cortes, Chemistry and Physics, Structural Determination of Cadherin-23 Repeats Involved in Sound Mechanotransduction, Professor Marcos Sotomayor

RECIPIENTS OF $6,000 UNDERGRADUATE RESEARCH SCHOLARSHIPS

Bornali Rashmi Borah, Philosophy, Prophylactic Organ Removal as a Means of Cancer Prevention: A Programmatic Analysis of Relevant Ethical Considerations, Professor Mariko Nakano-Okuno

Brittney Nicole Curtis, Astronomy and Astrophysics, A Statistical Study of Mg II Absorption-Selected Galaxies in the SDSS at z~0.4, Professor Smita Mathur

Jason Elliot Ford, Chemistry, Extension of Diffusion Monte Carlo to Rovibrationally Excited States, Professor Anne B. McCoy

Andrew Jared Goldschmidt, Physics, Initial Conditions for High-Energy Collisions between Deformed Nuclei, Professor Ulrich W. Heinz

Sirui Li, Chemistry, Investigating Chemical Composition of International Space Station Dust, Professor James V. Coe

Nicole Marie MacIvane, Psychology and Neuroscience, An Investigation of Perirhinal Cortex Function in Fetal Alcohol Spectrum Disorder Model Rodents, Professor Derick H. Lindquist

Sarah Yumi Schlotter, Biology, Epigenetic Approaches to Enhance Reovirus-Therapy of Mantle Cell Lymphoma, Professor Flavia Pichiorri

RECIPIENTS OF $4,000 UNDERGRADUATE RESEARCH SCHOLARSHIPS

Nima Abukar Dahir, Economics, Optimism and Willingness to Invest, Professor Katherine Baldiga Coffman
Andrew Clair Huntsman, Chemistry, Synthetic Development of Plant-Derived Antileishmanial Compounds, Professor James R. Fuchs

Cristina M. Ocraicniuc, Biology, Acquired Resistance to Kinase Inhibitors in Cancer, Professor Sameek Roychowdhury

Katherine Therese Petro, Comparative Studies, Food Sovereignty and Glocalization: Perspectives from U.S. and France, Professor Nina Berman

Lainie E. Rini, Geography, Children in Postcapitalist Possibilities: An Evaluation of Informal Economies across Geographic Space: A Columbus, Ohio, and Quito, Ecuador, Comparison, Professor Kendra McSweeney

Morgan Lacoste Sherer, Neuroscience, Is Antidepressant Treatment Able to Reverse the Adverse Effects of Gestational Stress on Postpartum Depressive-like Behavior and Nucleus Accumbens Structural Plasticity, Professor Benedetta Leuner

RECIPIENTS OF $2,000 UNDERGRADUATE RESEARCH SCHOLARSHIPS

Brooke Elizabeth Anderson, Biochemistry, Carbon-13 Flux Analysis of Lesquerella (Physaria fendleri) a Promising Alternative Crop, Professor Ana Paula Alonso

Kristin Nicole Balmert, Biology, The Characterization of the Transcriptional Regulation of Lipid Biogenesis Genes by a Pax Transcription Factor, Professor Helen M. Chamberlin

Alexander Kenneth Calderone, Chemistry, Quantitative Analysis of Posiphen in Multiple Rat Tissues using UHPLC-ESI-TOF, Professor J. Clay Harris

Wenbo Chen, Economics, Evolution of Social Media in China: How Chinese Internet Companies Sustain Competitive Advantage, Dr. Bruce W. Bellner


Brittany Nicole Cox, Molecular Genetics, The Zebrafish Model of Dilated Cardiomyopathy: Determining Whether Two Genes will Play Nice, Professor Ray E. Hershberger

Robert Martin Demoret, Biochemistry, The Synthesis and Mechanistic Investigation of Scytonemide A, an Anticancer 20S Protease Inhibitor, Professor James R. Fuchs

Brandy Marie Dennis, Psychology, Parental Mood Symptoms as a Moderator of the Effects of Expressed Emotion on Child Depression, Professor Mary A. Fristad

Julia Simone Dionne, Psychology, Brain Correlates of Mathematical Anxiety, Professor Stephen A. Petrill
Gwendolyn Ann Roberdeau Donley, Anthropological Sciences, Allostatic Load Varies by Apolipoprotein E and ACE Genotypes in American Samoans, Professor Douglas E. Crews

Brittany Alexandra Hallgren, Biology, The Epigenetic Activity of PRMT5 during B Cell Transformation, Professor Robert Baiocchi

Emily Jane Hellwig, Psychology, Gender Differences in the Relationship of Depression and Dyspnea to Cognitive Function among Patients with Chronic Lung Disease, Professor Charles F. Emery

Zachary David Heppner, Biochemistry, Structural Determination of Blasticidin M by Multidimensional NMR, Professor Zhengrong Justin Wu

Jane Louise Lankes, Sociology, The Orange and the Green: National and Religious Identities in Northern Ireland, Professor Korie L. Edwards

Andrew Thomas Lawson, Psychology, How Language Guides Action: Investigating the Operation of Grammatical Aspect in Children, Professor Laura Wagner

Jelena Majstorovic, Psychology, Effortful Control as a Moderator between Worry and Insecure Attachment Style, Professor Michael W. Vasey

Shubham Mangla, Biochemistry, Mutations to the Binding Region of a Cancer-Detecting Antibody Fragment, Professor Thomas J. Magliery

Hannah Elizabeth Ortega, Speech and Hearing Science, Indexical/Dialectal Features in Speech Perception, Professor Robert Allen Fox

Molly Joan Osterhage, Biology, Using Zinc Finger Nucleases for Highly Targeted Disruption of the HIV-1 Provirus, Professor Kristine E. Yoder

Alex Benjamin Petrak, Neuroscience, Neural Stem Cell Transplantation for Treatment of Transverse Myelitis and Optic Neuritis, Dr. Tariq Lamki and Dr. Michael Levy

Zachary Aaron Ross, Biology, Target Metabolic Engineering of Maize Embryos to Increase Oil Production, Professor Ana Paula Alonso

Kyle Alexander Schofield, Psychology, Protective Factors for Transgender Adults, Dr. Lisa M. Cravens-Brown

Emily Marcella Schueller, Anthropological Sciences, An Ethnographic Study of Education and Status among Muslim Women in Old City Hyderabad, Professor Jeffrey H. Cohen

Meredith Lynne Scott, Microbiology, Analysis of Hedgehog Signaling in Pancreatic Cancer, Professor Michael C. Ostrowski

James Christian Stock, Microbiology, Mechanisms of Susceptibility to L. major by CXCR3-Transgenic BALB/c Mice, Professor Abhay Satoskar
Paul J. Thomas, Neuroscience, Uncovering the Potential of a Tried and True Gene Therapy in an Untested Muscular Dystrophy Model, Professor Paul T. Martin

Kyle Matthew Toth, Biology, Validating Novel Stromal Fibroblast-Mediated Breast Cancer Cell Growth Regulatory Networks, Professor Gustavo Leone

Yiwan Wang, Psychology, Mathematical Proficiency Comparison between Chinese Children and American Children, Professor John E. Opfer

Taylor Clare Wong, Psychology, Children’s Comprehension of Temporal Events in Picture Books, Professor Laura Wagner

RECIPIENTS OF $1,000 UNDERGRADUATE RESEARCH SCHOLARSHIPS

Ravi R. Bhatt, Psychology, Listen to your Heart: Sex Differences in Acute Pain and Autonomic Nervous System Response, Professor Julian Thayer

Cruz Lee Bonlarron, Geography, Lucha Si! Spaces of Resistance and the Economic Crisis in Puerto Rico, Professor Kendra McSweeney

Eli Samuel Kravitz, Mathematics, Scandals in College Football, Professor Trevon D. Logan

Allison Marie Londeree, Neuroscience, Ohio Meditation Study: Analysis of Differences in Cognitive and Emotional Control across Levels of Mindfulness Training, Professor Ruchika Shaurya Prakash

Max Tyler Mauerman, Political Science, Spatial Mismatch: Understanding Differences in Income Mobility across American Cities, Professor Sara Watson

Tamara Anda McClure, Biochemistry, Relating Soybean (Glycine max) Ecotype and Environment to Seed Biomass Composition, Professor Ana Paula Alonso

Joshua Lee Ong, Biochemistry, Exploring Therapeutic Potential of Potent and Specific Inhibitors of Protein Arginine Methyltransferase 5 for Treating High-Grade Astrocytomas, Professor Chenglong Li

Hannah Elizabeth Parks, Biology, Mechanisms of Resistance for Cancers with Kinase Gene Fusions, Professor Sameek Roychowdhury

Steven F. Platko, Neuroscience, Regulation of Mast Cells and Their Influence on Autistic-Like Behavior in a Rodent Model, Professor Kathryn M. Lenz

David A. Rabinovich, Biochemistry, Mutagenesis of the S758 Turn in Tumor Suppressor p53 to Improve Protein Stability, Professor Thomas J. Magliery

Karan Rai, Molecular Genetics, Expanding and Defining the Clinical Phenotype of BAP1 Cancer Predisposition Syndrome, Professor Robert Pilarski
William Michael Schiavone, Psychology, Investigating Construal Level as a Potential Mechanism behind Self-Affirmation, Professor Kentaro Fujita

Christopher Anthony Shorten, Psychology, Reverse Correlation: A New Approach at Measuring Self-Image, Professor Russell H. Fazio

Brian Alexander Upton, Neuroscience, Low-Dose Positive Allosteric Modulation of the α7 Nicotinic Acetylcholine Receptor Potentiates Mesolimbic-Stimulation of Prefrontal Glutamate Release: Implications for Schizophrenia, Professor John P. Bruno

RECIPIENT OF $500 UNDERGRADUATE RESEARCH SCHOLARSHIP

Polina Zavitch, Sociology, Lean In in Poland: Psychological Determinants of Women’s Labor Market Success, Professor Kazimierz M. Slomczynsk

Note: Arts and Sciences faculty who served on the Research Scholarship Subcommittee of the Arts and Sciences Honors Committee included Professors Daniel Reff (Comparative Studies), Warren Sinnott (Mathematics), Donald Terndrup (Astronomy), Olli Tuovinen (Microbiology), and Richard Yerkes (Anthropology).