ARTS AND SCIENCES
SPRING SEMESTER 2021
UNDERGRADUATE RESEARCH SCHOLARSHIP COMPETITION

RECIPIENTS OF $10000 UNDERGRADUATE RESEARCH SCHOLARSHIPS

Benjamin Dominguez, NEUROSCIENCE, Context-Dependent Suppression of Singleton-Colored Distractors, Professor Andrew Leber

RECIPIENTS OF $9500 UNDERGRADUATE RESEARCH SCHOLARSHIPS

Sachi Chaudhari, MICROBIOLOGY, Investigating the trafficking patterns and cellular targets of antibody suppressor CD8+ cytotoxic T cells, Professor Ginny Bumgardner
Emily Needham, HISTORY, U.S. Dance Diplomacy, Soviet Emigres, and the Cold War: Dance Symbolism and Image Building 1954 to 1974, Professor Theodora Dragostinova

RECIPIENTS OF $8000 UNDERGRADUATE RESEARCH SCHOLARSHIPS

Larkin Cleland, GEOGRAPHY, Diversity Visa recipients and the American immigration system, Professor Matthew Coleman
Shirsha Koirala, BIOCHEMISTRY, Investigation of compensatory methylation by other PRMTs in the setting of PRMT5 Inhibition in MCL, Professor Robert Baiocchi
Anna Lisa, CHEMISTRY, Microwave-Assisted Synthesis of Ta-Doped LLZO, Professor Anne Co
Raina Rindani, BIOLOGY, Impact of NSC-derived VEGF on anxiety in adult mice, Professor Elizabeth Kirby
Mitchell Ticoras, MOLECULAR GENETICS, A Contribution to the Study of Complex-I Linked Mitochondrial Dysfunctions, Professor Patrice Hamel
Rosemary Zaleski, BIOCHEMISTRY, Design and validation of a novel coupled assay to diagnose classical galactosemia, Professor Venkat Gopalan

RECIPIENTS OF $6000 UNDERGRADUATE RESEARCH SCHOLARSHIPS

Jenna Bailey, EVOLUTION AND ECOLOGY, Effects of phosphorous loading on zooplankton families Daphniidae and Bosminidae in Lake Erie, Professor Jim Hood
Chandrahhas Chappidi, BIOLOGY, Identification of Selenium Resistance in Soil Bacteria, Professor Alison Bennett
Abhishek Rajesh, NEUROSCIENCE, Effects of Adolescent Hormonal Contraceptive Exposure on GABA neurons in the Medial Prefrontal Cortex, Professor Benedetta Leuner

RECIPIENTS OF $5000 UNDERGRADUATE RESEARCH SCHOLARSHIPS
Hosanna An, PSYCHOLOGY, *Metamotivational Knowledge of Emotions as Motivational Input*, Professor Kentaro Fujita

Hylee Burel, PSYCHOLOGY, *Influences on Treatment Seeking for Depression*, Professor Duane Wegener


Erica Hu, ECONOMICS, *Chinese migrants in Africa: an exploration of belongingness, crosscultural place-making, and geopolitical symbiosis*, Professor David Staley

Robert Menon, PSYCHOLOGY, *Does Zero-Sum Thinking Cause for Minority Group Members to Display More Feelings of Competitive Victimhood?*, Professor Steven Spender


**RECIPIENTS OF $4000 UNDERGRADUATE RESEARCH SCHOLARSHIPS**


Katie Clark, MOLECULAR GENETICS, *The role of RNases and RNA kinases in family-specific tRNA intron turnover pathways in S. cerevisiae*, Professor Anita Hopper

Jindal Keshav, NEUROSCIENCE, *Npas4 Expression and its Impact on Cognitive Behaviors, Sociability, and on the Adolescent Prefrontal Cortex*, Professor Laurence Coutellier

William Marshall, MOLECULAR GENETICS, *Hidden Highway: An investigation into the role of the actin cytoskeleton in tRNA splicing*, Professor Anita Hopper

Jordan Mori, SPEECH AND HEARING SCIENCE, *Inhibition and L2 Spanish Lexicon vs. Morphosyntax*, Professor John Grinstead

Yosup Rhee, MOLECULAR GENETICS, *FBW7 Null cancer cell's dependency on USP37 in response to replication stress induced by Cyclin E*, Professor Matthew Summers

Steven Zhou, BIOCHEMISTRY, *Concentration dependent protein interactions of gamma-crystallins*, Professor Zhengrong Wu

Maxwell Zywica, BIOCHEMISTRY, *Characterization of T. brucei Prolyl tRNA Synthetase, a potential drug target for Trypanosomiasis*, Professor Karin Musier-Forsyth

**RECIPIENTS OF $3000 UNDERGRADUATE RESEARCH SCHOLARSHIPS**

Eleanor MacDonald, EVOLUTION AND ECOLOGY, *Geographic and ecological patterns of hoverfly diversity in Ohio*, Professor Karen Goodell

Baichuan Na, CHEMISTRY, *Application of Spiropyran-Containing Surfactant for Controlling Microemulsion Polymerization*, Professor Jon Parquette
Serina Smith, BIOCHEMISTRY, Structural Stability of a Protein Fragment Essential for Hearing, Professor Marcos Sotomayor

Tatum Zeleznik, PSYCHOLOGY, Nonzero-Sum Beliefs Intervention and Intimate Partner Violence, Professor Tao Jiang

RECIPIENTS OF $2500 UNDERGRADUATE RESEARCH SCHOLARSHIPS

Lin Cao, ECONOMICS, Signaling quality through counter offers, Professor Paul J Healy

Katherine Conley, MOLECULAR GENETICS, Investigating the identification of protein stability factors for pseudo-response regulator PRR7, Professor David Somers

Sarah Hoffman, POLITICAL SCIENCE, Computer-Assisted Text Analysis of One-Minute Speeches in the House of Representatives since 1996, Professor Janet Box-Steffensmeier

Shiteng Jiang, POLITICAL SCIENCE, Necessary Aggression--A Moral Investigation on the Necessity of Humanitarian Intervention in Liberalism, Professor Emma Saunders-Hastings

Jasmine Liu, NEUROSCIENCE, Impact of astrocyte syncytial coupling on extracellular K concentration in both healthy & stroke brain, Professor Min Zhou

YoungYun Lo, NEUROSCIENCE, CASPER2- a new generation of locus-specific protein labeling system, Professor Chang-Wang Lio

Lily Noftz, BIOLOGY, Multivariate analyses of cranial morphology inform the taxonomy and evolution of Geomyoid rodents, Professor Jonathan Calede

Daniella Saul, ANTHROPOLOGY AND ANTHROPOLOGICAL SCIENCES, Disordered Eating and the American College Experience: An Ethnographic Analysis, Professor Erin Moore

RECIPIENTS OF $1000 UNDERGRADUATE RESEARCH SCHOLARSHIPS

Enan Srivastava, ECONOMICS, Professor Janet Box-Steffensmeier