

THE UNIVERSITY OF WISCONSIN-MADISON
2020-2021 CHANCELLOR'S
UNDERGRADUATE AWARDS CEREMONY

WEDNESDAY, APRIL 28, 2021
7:00 P.M.



Wisconsin Hilldale Undergraduate/Faculty
Research Fellowships



The Carleton and Mary Beth Holstrom
Environmental Research Fellowships



Sophomore Research Fellowships



The Theodore Herfurth and Teddy Kubly Awards
for Comprehensive Undergraduate Excellence



WISCONSIN
UNIVERSITY OF WISCONSIN-MADISON

Chancellor Rebecca Blank Presiding

HILLDALE UNDERGRADUATE/FACULTY RESEARCH FELLOWSHIPS

Generous grants from the Hilldale Foundation and the Wisconsin State Legislature provide for awards of \$3,000 each to undergraduate students and \$1,000 to their faculty/staff advisors to work in collaboration on research projects. (Two Hilldale Fellowships are provided by the McPherson Eye Research Institute.* One Hilldale Fellowship is provided by the University of Wisconsin–Madison Arboretum.**)

Award Recipient	Major	Faculty Advisor	Project
Taylor Adkins	Chemical Engineering	Brian Esselman	Oxazole: Precise Semi-Experimental Equilibrium (reSE) Structure Determination by Rotational Spectroscopy
Michelle Adler	Neurobiology, Psychology	Brittany Travers	Development of Paper Folding in Autism Spectrum Disorder, and Fine Motor and Visuospatial Skills as Potential Mediating Mechanisms
Hassan Alkhunaizi	Chemistry	Jeffrey Martell	Switchable DNA Nanocatalysts for Enhanced Immune Cell Treatment of Neuroblastoma
Beth Allen	Political Science, Social Welfare	Kathy Cramer	Veterans and the Future of Wisconsin's Republican Party
Ryan Anderson	Biomedical Engineering	Susannah Sample	Late-Onset Laryngeal Paralysis in the Labrador Retriever Expected to be Result of Generalized Age- and Length-Dependent Peripheral Nerve Axonal Loss
Tristan Argall	Biochemistry	Aaron Hoskins	Inhibition of Pathogenic Fungal SF3b1 Genes in <i>Saccharomyces cerevisiae</i>
Cole Aschenbrenner	Biochemistry, Neurobiology	Thomas Brunold	Growth Optimization and Spectroscopic Analysis of Mammalian Cysteine Dioxygenase
Shaniya Auxier	Psychology	William Cox	Understanding and Improving Experiences of Black Students on Campus: Evidence-Based Approaches to Reduce Internalized Racism with the Bias Habit-Breaking Intervention
Justin Baerwald	Chemical Engineering	Brian Pflieger	Engineering <i>S. cerevisiae</i> for Increased Metabolic Appetite to Cellulose-Derived Toxins
Jessica Bedtka	Environmental Studies, Geography, Political Science	Matthew Turner	Exploring the Political Ecology of a Proposed CAFO within the Driftless
Donelson Berger	Computer Sciences	Matthew Banks	The Organization of Auditory Processing Streams in the Human Brain
Samantha Bradley	Biology	Zafer Gurel	Autophagy Inhibition and the Immune Response in Head and Neck Cancer
Paige Bruggink	Human Development & Family Studies, Psychology	Jenny Saffran	How Does Speech Grammaticality Influence Word Processing in Toddlers with Autism Spectrum Disorder?
Pak Lun Kevin Cheung	Biochemistry	Ophelia Venturelli	Deciphering the Relationship between Dietary Fiber, Bacteriophages, and a Small Synthetic Gut Microbiome Community
Anna Christenson	Biochemistry, Mathematics	Peter Lewis	A Reverse Genetics Approach to Further Understand the Human Silencing Hub
Sam Christianson	Mathematics, Physics	Saverio Spagnolie	Dancing Raisins: Particle Dynamics in Gas-Filled Fluids
Sophia Clark	Biology, History	Susan Lederer	Legacy in Blood: The Social Impacts of the U.S. Ban on Haitian Blood Donation
Anna Compton	Psychology, Spanish	Jenny Saffran	The Role of Engagement in Novel Word Learning
Melanie DePamphilis	Biology	Paul Lambert	Transfection and Organotypic Rafting of Mouse Keratinocyte Cell Lines with Mouse Papillomavirus
Julia Derzay	History	Alfred McCoy	The La Follette Arsenal of Progressivism
Olivia Evans	Biology	John Parrish	Improving Cryopreservation Methods using Cholesterol to Modify Cell Membranes
Sarah Fahlberg	Biochemistry, Computer Sciences	Philip Romero	Devising New Strategies for Engineering Proteins by Deep Mutational Scanning and Machine Learning
Hailey Feinzig	Neurobiology	Krishanu Saha	The Impact of APP C-Terminal Editing on endosomal/Lysosomal Pathway Dysfunction in Down Syndrome Fibroblasts
Skyler Finucane	Entomology, Global Health	Lytic Bartholomay	Mosquito Human-Host Preference Based on Bacterial Olfactory Cues
Tyler Gavinski	Nutritional Sciences	Alana Sterkel	Effects of PM10 Exposure on Alveolar Macrophage Response to <i>Streptococcus pneumoniae</i>
Austin Gent	Communication Sciences and Disorders	Sriram Boothalingam	Does the Inner-Ear Turn Itself Down During Speech?
Annemarie Glassey	Biology	Randall Kimple	Optimizing Mesenchymal Stromal Cells (MSC) Origin for Treatment of Radiation-Induced Xerostomia
Kelly Gottschalk	Neurobiology	Erik Dent	Effects of Dynein-dependent Transport on Dendritic Spine Morphology and NMDA Receptor Distribution
Ella Greenhalgh	Nursing	Tonya Roberts	Staff Barriers to Fulfilling Nursing Home Resident Preferences: Development and Testing of an Instrument

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Anika Gupta	Biochemistry	Hiroshi Maeda	Regulation of the Shikimate Pathway Among Plant Species
Barbara Hanna	English, Neurobiology	Christine Sorenson	Bim Expression and Anti-VEGF Response in Exudative AMD
Jenna Hansen	Neurobiology, Psychology	Erin Costanzo	Biobehavioral Mechanisms Underlying Psychological and Physical Function in Cancer Patients with Chronic Graft-Versus-Host Disease
Lukas Henjum	Neurobiology	David Abbott	Estrogen-Receptor Alpha Neurons in the Arcuate Nucleus Mediate Female Neural Inhibition of Neuroendocrine Puberty
Paige Hill	Biology	Elizabeth Craig	Novel Molecular Chaperone Interaction at the Exit of the Ribosome Tunnel
Lily Houtman*	Anthropology, Cartography, Geographic Information Systems	Robert Roth	Mapping Presidential Elections: An Empirical Analysis of Effective Design Techniques
Hao-Yu Huang	Neurobiology	Melissa Harrison	Determining the Role of GAGA Factor Puncta During Embryonic Development
Zitong Huang	Engineering Physics	Christopher Zahasky	Three-Dimensional Permeability Inversion Using Convolutional Neural Networks for Better Prediction of Contaminant Transport in Aquifer Materials
Abigail Johnson	Genetics and Genomics	Jayshree Samanta	The Effect of Slit2 on Migration of Neural Stem Cells for Remyelination
Sophie Johnson	Communication Sciences and Disorders	Caroline Niziolek	How does Vowel Centering Auditory Perturbation Affect Sentence Production?
Nicholas Juntunen	Chemistry	Thomas Brunold	Bioinformatic, Kinetic, and Spectroscopic Approaches to Investigating the Cys206-Tyr208 Crosslink in Cysteamine Dioxygenase
Michel Justen	Neurobiology, Psychology	Mike Koenigs	The Role of Affect in Whether and Where to Donate: A Study of Prefrontal Cortex Damage
Manasa Kalluri	Neurobiology, Psychology	Lee Eckhardt	Analysis of the Electrophysiological Arrhythmia Mechanisms of a Novel ARVC-PKP2 VUS via High-Speed Multiparametric Fluorescent Single-Cell Optical Mapping
Aadishre Kasat	Biochemistry	Andrew Buller	Biocatalytic Synthesis and Purification of β -Amino Alcohols
Hannah Kearney	Genetics and Genomics	Peter Muir	Genome-Wide Association Study of Anterior Cruciate Ligament Rupture in Labrador Retriever Dog
Gemma Kirk	Human Development & Family Studies, Psychology	Percival Matthews	Additive and Multiplicative Thinking: A Fractions Language Intervention
Ryan Kong	Chemical Engineering	Brian Pflieger	Elucidating Structure-Function Relationships of Acyl-ACP Desaturases Using Computational Techniques
Jenna Krakauer	Communication Sciences	Ben Parrell	The Role of Attention in Speech-Motor Adaptation to Altered Auditory Feedback
Carlene Kranjac	Pharmacology and Toxicology	Deric Wheeler	Tumor Microenvironment Differences between Heterotopic and Orthotopic Mouse Models of Head and Neck Cancer
Ayush Kumar	Computer Sciences	Kaiping Chen	Understanding Public Risk Perception of COVID-19 and Mobility Patterns with Twitter Data
William Langholz	Biochemistry	Tom Record	Changes in Lipidomic Makeup of Osmotically Stressed <i>E. coli</i>
Thor Larson	Biomedical Engineering, Neurobiology	Justin Boutillier	The Affect of Thermal Imaging Resolution Reduction on Diabetic Foot Ulceration Risk Model Performance
Miriam Lebowitz	Computer Sciences, Psychology	Maryellen MacDonald	Will Skills Acquired through Speaking Practice Transfer to Listening Practice in Second Language Learning?
Tae Ji Lee*	Biomedical Engineering	Mrinalini Hoon	Role of Visual Input for Formation of Inner Retinal Synaptic Connections
Alex (Ximian) Li	Biochemistry, Biomedical Engineering, Neurobiology	Aussie Suzuki	Applying Genetics Modified Budding Yeast and Artificial Centromere-Off System to Study Functions of Human Ndc80 Complex in Chromosome Segregation
Renxi Li	Astronomy-Physics, Biochemistry, Chemistry, Mathematics, Molecular and Cell Biology, Neurobiology, Physics, Psychology, Zoology	Catherine Gallagher	A Longitudinal Resting-state fMRI Study on the Cortical and Subcortical Functional Connectivity using Personalized Intrinsic Network Topography in Parkinson's Disease
Anna Lippert	Microbiology	Dustin Deming	Impact of Cancer Associated Fibroblast Phenotypes on the Infiltration of T-lymphocytes in Colorectal Cancer
Shu Liu	Computer Sciences, Mathematics, Statistics	Aditya Akella	HyperAPX: Leveraging Approximation for Fast Hyperparameter Exploration
Angelica Lopez	Biomedical Engineering	Melissa Skala	Optical Metabolic Imaging of T Cell Activation
Qianyun (Lexi) Luo	Biochemistry, Statistics	Randall Kimple	Cell Culture Medium Glucose Concentration and its Implications in Cancer Research

Award Recipient	Major	Faculty Advisor	Project
Zheng Ma	Data Science, Economics, Mathematics, Political Science	Yoshiko Herrera	Social Mobility and Nationalism in China
Isabel Marciniak	Health Promotion and Health Equity	Jeri Barak-Cunningham	Influence of <i>Salmonella enterica</i> on Aster Leafhopper Probing Preferences across Tomato Leaflets
Celeo Matute Diaz	Materials Science & Engineering	Michael Arnold	Enhancing the Properties of Graphene Nanoribbons Via Direct Growth of GNR/h-BN Lateral Heterostructures
Clayton McIntyre	Neurobiology, Nutritional Sciences	Ozioma Okonkwo	Aerobic Fitness, Insulin Sensitivity, and Cognition in Aging Cohort at Risk for Alzheimer's Disease
Sarah McLeod	English, Gender & Women's Studies, Psychology	Maryellen MacDonald	Reducing Social Bias with the Power of Language
Katelyn McVay	Botany, Environmental Studies	Samuel Dennis	Human-Environment Interactions and Mental Health Outcomes in the Age of COVID-19
Emilia Meredith	Genetics and Genomics	Peter Pierre	Genes, Neonatal Nursery and Biobehavioral Development
Jarod Moyer	Neurobiology	Samuel Butcher	Structural Probing of UG Repeat RNA Associated with Cystic Fibrosis
Sai Nagisetty	Neurobiology, Psychology	Markus Brauer	Reducing Discrimination Against Health Care Providers: An Empirical Test of the Effectiveness of a Short Individuation Intervention
Emily Nelsen	Political Science, Spanish	Ksenija Bilbija	Commemorative Palimpsests in Post-Authoritarian Argentina: The Case of ESMA
Alex Nelson	Engineering Mechanics	Adrien Couet	Structural Material Behavior Under Stress and Molten Salt Corrosion
Samuel Neuman	Biomedical Engineering	Marina Emborg	Genomic Editing by CRISPR/Cas9 Nanocapsules as a Therapeutic Neural-Network Strategy for Parkinson's Disease
Evelyn Okal	Biochemistry	Philip Romero	Application of Novel Sensor Cells in the Directed Evolution of a Glycoside Hydrolase Protein
Autumn Olson	Biology	Dustin Deming	Enhancing the Efficacy of MTORC1/2 Inhibition from Copanlisib with the HDAC1/2 Inhibitor Romidepsin in Colorectal Cancer with a PIK3CA Mutation
Alejandro Onate	Biochemistry, Music	Zachary Morris	Utilizing Bempegaldesleukin, a CD122 Preferential IL-2 Agonist, and Radiation to Promote an Anti-Tumor Immune Response against B78 Melanoma Brain Metastases
Paul Onnuch	Chemistry	Daniel Weix	Nickel-Catalyzed Cross-Electrophile Coupling between 2-Pyridyl Ester with Aryl Halide
Jonathan Orth	Psychology	Patricia Devine	A Multi-Faceted Intervention to Promote Self-Efficacy to Engage with Transgender People
Josephine Putnam	Microbiology, Spanish	Amanda Hurley	Antibiotics: A Chemical Conversation Between Soil Bacteria
Qiuwen Quan	Biochemistry, Computer Sciences	Joshua Coon	Enabling High-Throughput Characterization of Pediatric Glioma tRNAs by Mass Spectrometry
Sommer Ray	Biology, Global Health	Alana Sterkel	Detrimental Effects of Wood Smoke on Alveolar Macrophage Response to <i>Streptococcus pneumoniae</i>
Anusha Ray Dey	Neurobiology	Graham Banes	Searching for Chemical Signals in Orang-utan Urine using Liquid Chromatography-Tandem Mass Spectrometry
Tsani Rogers	Biomedical Engineering	Aviad Hai	A High Resolution Technique for Recording Magnetic Fields Using Nitrogen Vacancy (NV) Magnetometry
Aiden Ross	Materials Science & Engineering	Jiamian Hu	Computational Design of Magnetolectric Nanotubes for Precision Nanomedicine
Ruby Salbego	Biomedical Engineering	Darryl Thelen	Using Mechanical Phantoms to Model Injured ACL Tendons
Gage Siebert	Mathematics, Physics	Peter Timbie	Tianlai Astrophysical Periodicity Search
Morgan Snyder	Legal Studies, Political Science	Marwa Shalaby	Microfinance and Women's Economic Empowerment in Israel
Eliza Soczka**	Conservation Biology	Ellen Damschen	Spatial and Temporal Patterns of Woody Seed Dispersal by Birds may Facilitate Woody Encroachment in Tallgrass Prairies
Gefei Song	Biology, Statistics	Qiongshi Lu	Dissecting Characteristic of Rank Based Inverse Normal Transformation in vQTL Study
Kaylee Sorrells	Biology, Spanish	Caitilyn Allen	Potato Tuber Colonization in Andean and Madagascar Strains of <i>Ralstonia solanacearum</i>
Lucille Steffes	Engineering Mechanics	Snezana Stanimirovic	Molecular Gas in the Magellanic Stream
Chloe Stevens	Biochemistry, Neurobiology, Psychology	Seth Pollak	Adverse Childhood Experiences and Dimensions of Emotional Perception
Haley Stueber	Physics	Dan McCammon	Investigating TES Magnetic Field Sensitivity and Superconducting Shielding Efficacy

Award Recipient	Major	Faculty Advisor	Project
Amulya Suresh	Genetics and Genomics	Rupa Sridharan	Determining Metabolic Control of Pluripotency
Jonathan Tansey	Psychology	Judith Harackiewicz	Underrepresentation and Confidence as Predictors of Belonging Uncertainty in a Chemistry Course
Kate Tobin	Geological Engineering, Geology and Geophysics	Daven Quinn	The Early Sedimentary History of Aeolis Dorsa, Mars, and its Implications for Planetary Climate Evolution
Anton Tung	Biochemistry	Cynthia Czajkowski	Influence of GABA-A Receptor's Intracellular Domain on Channel Gating
Nikhilesh Venkatasubramanian	Computer Sciences	Tulika Bose	Studying the Feasibility of a Muon Collider for the Search of Dark Matter
Lukas Voigts	Biochemistry	Aaron Hoskins	The Roles of the C-Terminus of <i>Saccharomyces cerevisiae</i> Splicing Factor Spp381 in Pre-mRNA Splicing
Madeline Walaszek	Latin American, Caribbean and Iberian Studies, Spanish	Ksenija Bilbija	Reclaiming Public Space One Wall at a Time: Graffiti and Chile's Feminist Movement
Taobo Wang	Chemical Engineering, Chemistry	Marcel Schreier	One-Pot Electrochemical Transformation from Alkanes to Alkenes
Madalynn Welch	Biology	Timothy Gomez	Investigating Microtubule Structure and Dynamics in Developing Human-Derived Photoreceptors
Casey Winter	Chemistry	Zachary Wickens	Studying the Effects of Thianthrene Structure on Thianthrene Activated Alkene Addition
Jan Wodnicki	Industrial Engineering	Justin Boutilier	Implementation of Thermographic Triage to Reduce Diabetic Foot Amputations in Low-Resource Settings
Anne Wong	Biomedical Engineering	Christian Capitini	Investigating the Efficacy of Combination Therapies with Novel Fusion Protein FIST15 and NK Cells after Syngeneic BMT on Pediatric Sarcomas
Samuel Wood	English, Spanish	Karen Britland	"I Shall Account My Self a Happy Creatoress": Unfurling Colonialism, Feminism and Nationalism in the Metropole of 17th Century England
Yufan Ye	Psychology, Sociology	Allyson Bennett	Behavioral Inhibition and Aggression: Source-Based Morphometry (SBM) Analysis across Three Macaque Species
Shenwei Yin	Applied Mathematics, Engineering and Physics	Joseph Andrews	Fully Printable Electronic Soil Nitrate Monitoring System
Mengwen Zhu	Music, Neurobiology	Robert Pearce	Modulation of Hippocampal Contextual Memory Formation by the NMDAR Receptor Antagonist, (R)-CPP
Heqiao Zhu	Computer Sciences, Physics	Kevin Eliceiri	Quantitative Software for Characterizing Cell and Tumor Microenvironment Interactions

HOLSTROM ENVIRONMENTAL RESEARCH FELLOWSHIPS

A generous grant from Carleton and Mary Beth Holstrom of Pipersville, Pennsylvania, provides for awards of \$3,000 each to undergraduate students and \$1,000 to their faculty/staff advisors to work in collaboration on research projects relating to environmental issues.

Award recipients and their faculty advisors are listed below.

Award Recipient	Major	Faculty Advisor	Project
Devin Mulrooney	Environmental Sciences	Nick Balster	Mitigating the Environmental Impact of Nitrogen Fertilization While Maximizing the Survival and Growth of Outplanted Northern Red Oak
Yuren Sun	Computer Sciences, Economics, Mathematics	Zuzana Burivalova	Rainforest Stethoscope: Species Classification with Machine Learning Based on Acoustic Signal
Hannah Vanderscheuren	Biology	Anne Pringle	Testing Fungal Growth Responses to Nitrogen Pollution
William Vuyk	Biology, History	Catherine Woodward	Baseline Microhabitat Thermo-Hydro Ecology of Herpetofauna at El Pahuma Orchid Reserve, Ecuador

SOPHOMORE RESEARCH FELLOWSHIPS

Funded by generous grants from the Brittingham Fund and the Kemper K. Knapp Bequest, the Sophomore Research Fellowships provide \$2,500 each to undergraduate students and \$500 to their faculty/staff advisors to work in collaboration on research projects. Award recipients and their faculty advisors are listed below.

Award Recipient	Major	Faculty Advisor	Project
Joshua Andreatta	Biomedical Engineering	Joshua Roth	Surgical Simulator of Periacetabular Osteotomy for Orthopedic Surgical Training
Samiha Bhushan	Economics, Statistics	Devin Judge-Lord	Are Rulemaking Institutions More Partisan in Financial Regulation?: The Impact of Elected Officials in the Agency Rulemaking Process
Sierra Block	Biology	Ted Golos	Identification of SARS-CoV-2 Receptor in the Testis of the Rhesus Macaques and its implications on Reproductive Health and Fertility
Sam Canney	Spanish	Ksenija Bilbija	(Un)Buried Stories: The Death of Federico García Lorca and Spain's Contentious Past
Caleb Carlsen	Biochemistry	Mark Burkard	Functional Significance of Plk1 Phosphorylation of CENP-H on Thr 66
Allison Czora	Genetics and Genomics, Statistics	Robert Landick	The Role of CarD in Transcription Initiation in <i>Zymomonas mobilis</i>
Atharva Ankush Dhamale	Molecular and Cell Biology	Nathaniel Sharp	Studying Mutations Contributing to Evolutionary Rescue
Porter Garst	Geological Engineering	Hiroki Sone	Measuring Permeability of Rough Rock Fractures Undergoing Slip at In-Situ Stress State
Danny Hill	Neurobiology, Psychology	Caroline Grunewald	Defining the Role of PASTA Kinases in the Regulation of DNA Repair in the Pathogen <i>Staphylococcus aureus</i>
Elyse Incha	Astronomy - Physics	Andrew Vanderburg	Searching for Planets with the Last Data from the Kepler Telescope
Silvia Iordache	Electrical Engineering	Susan Hagness, Chu Ma	The Impact of Air Content on Microwave Ablation in Lung Tissue
Cameron Jones	Statistics	Jennifer Dykema	Analyzing the Relationship Between Trust in Medical Researchers, Race and Ethnicity, Self-Reported Health Factors, and Biomarker Research Participation
Cailie Keating	Linguistics, Spanish	Ksenija Bilbija	Defacing the Patriarchy: A Case Study of the Feminist Collective LaTesis's Use of Performance Art
Elias Kemna	Microbiology	Timothy Berry	Determination of PyOM Accessibility by Soil Microorganism Bioassay
Jasmine Machhi	Biochemistry	Silvia Cavagnero	Computational and Experimental Studies on Protein Remodeling upon Interaction with the Hsp70 Molecular Chaperone
Emily Masterson	Biomedical Engineering	Aviad Hai	In Vivo Validation of Novel Wireless Brain Sensors for Functional Magnetic Resonance Imaging
Emily Merkel	Global Health	Gilda Ennis	Testing the Association of Neighborhood-Level Disadvantage with White Matter Hyperintensities
Hanna Noughani	Music, Neurobiology	Barbara Bendlin	Characterizing Neurites in Obesity
Tatiana Pavletich	Biology	Daniel Matson	Elucidating the Relationship Between GATA2 Expression and Myelodysplastic Syndrome
Jeffrey Pietroske	Biology	Jacob Brunkard	Mapping the TOR Genetic Pathway in <i>Orbiculata</i> Mutants
Shrey Ramesh	Biomedical Engineering	Randall Kimple	Biologically Characterizing the S7600 Xoft Axxent Electronic Brachytherapy Source
Maria del Carmen Rosales	Health Promotion and Health Equity	Lara Gerassi	Assessing Sex Trafficking Risk and Sex Trading Among University Students
Jaskiran Sandhu	Biology	Chad Vezina	Identification of Collagen Producing Cell Lineages in the Inflamed Prostate
Greta Scheidt	Biomedical Engineering	Corinne Henak	The Role of N-Acetylcysteine in Maintaining Articular Cartilage Homeostasis Following Traumatic Loading
Tala Shaibi	Life Sciences Communication, Neurobiology	Darcie Moore	Investigating Post-Transcriptional Control and Its Effects on Adult Neurogenesis
Kathy Tran	Biology	Sarah Adcock	Effects of Prenatal Fluoxetine Exposure on Dystocia and Maternal-Offspring Behavior
Gordon Winkler	Biochemistry, Microbiology	Silvia Cavagnero	A Kinetic Basis for the Molecular-Weight Selectivity of the <i>E. coli</i> Hsp70 Chaperone System
Sherry Wong	Computer Sciences	Ellen Zweibel	Cosmic Ray and Magnetically Driven Bubbles in Galaxies

THEODORE HERFURTH AND TEDDY KUBLY AWARDS FOR COMPREHENSIVE UNDERGRADUATE EXCELLENCE

A generous grant from the Herfurth and Kubly families provides for these longstanding awards which honor senior students exemplifying superior academic achievement, community service and leadership in extracurricular activities, financial self-support, and strong oral and written communication skills.

Recipient	Major
Agalia Ardyasa	Economics, Mathematics
Savannah Donegan	Economics, International Studies
Ani Srinivasan	Biomedical Engineering, History, Neurobiology

Honorable Mention

Lusayo Mwakatika	Agricultural Business Management
Mitch Wall	Engineering Mechanics

NATIONAL SCHOLARSHIPS

2021 Recipient	Major	Award
Manasa Kalluri	Neurobiology, Psychology	Goldwater Scholarship
Qianyun (Lexi) Luo	Biochemistry, Statistics	Goldwater Scholarship
Gage Siebert	Physics, Mathematics	Goldwater Scholarship
Tamia Fowlkes	Journalism, Political Science	Truman Scholarship, Finalist
Adrian Lampron	History, Political Science	Truman Scholarship, Finalist
Megan Mercier	Social Welfare	Truman Scholarship, Finalist
Kenadi Mayo	Political Science	Udall Native American Congressional Internship
Grace Puc	Environmental Sciences	Udall Scholarship, Honorable Mention
Alex Plum	Engineering Physics, Mathematics	Rhodes Scholarship, Finalist
Hajjar Baban	BA in English (2020)	Paul and Daisy Soros Fellowship

2020 Recipient	Major	Award
Lauren Schilling	Education Studies, Psychology	Beinecke Scholarship
Mostafa Hassan	Computer Engineering, Mathematics	Goldwater Scholarship
Stella Ma	Biochemistry, Nutritional Sciences	Goldwater Scholarship
Elizabeth Sumiec	Biochemistry	Goldwater Scholarship
Mitchell Wall	Engineering Mechanics	Goldwater Scholarship
Tina Marshalek	Community & Nonprofit Leadership, Political Science	Truman Scholarship
Giselle Monette	Community & Environmental Sociology	Udall Scholarship, Honorable Mention
Grace Puc	Environmental Sciences	Udall Scholarship, Honorable Mention
Ross Dahlke	BA in Journalism and Political Science (2018)	Knight Hennessy Scholarship
Claire Evensen	BS in Biochemistry and Mathematics (2020)	Marshall Scholarship

About the scholarships: The **Beinecke Scholarship** provides \$34,000 to college juniors for graduate study in the arts, humanities or social sciences. The **Goldwater Scholarship** provides \$7,500 for undergraduate study to students who demonstrate great potential for, and commitment to, a research career in the field of mathematics, the natural sciences or engineering. The **Truman Scholarship** provides \$30,000 for graduate study to outstanding juniors who plan a career in public service. The **Udall Native American Congressional Internship Program** provides American Indian and Alaska Native students experience with the federal legislative process and the government-to-government relationship between Tribes and the federal government. The **Udall Scholarship** provides \$7,000 to college sophomores and juniors for leadership, public service, and commitment to issues related to Native American nations or to the environment. The **Marshall Scholarship** provides tuition and stipend for completion of a graduate degree at any university in the United Kingdom. The **Rhodes Scholarship** provides tuition, room, board and stipend for two years of study at the University of Oxford. The **Knight Hennessy Scholarship** is a global leadership scholarship which provides full funding to pursue a graduate degree at Stanford University. The **Paul and Daisy Soros Fellowship for New Americans** provides \$90,000 to pursue a graduate degree in any chosen field.

We would like to thank the numerous committee members who have generously given their time and expertise to make these awards possible.

*For more information about these awards and others, please contact the Undergraduate Academic Awards Office:
awards@provsot.wisc.edu; <https://awards.advising.wisc.edu>*



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