

**THE UNIVERSITY OF WISCONSIN–MADISON
2016–2017 CHANCELLOR’S
UNDERGRADUATE AWARDS CEREMONY**

7:00 p.m.

Monday, May 1, 2017

Union South

Varsity Hall

**Wisconsin Hilldale Undergraduate/Faculty
Research Fellowships**



**The Carleton and Mary Beth Holstrom
Environmental Scholarships**



Sophomore Research Fellowships



**University Book Store
Academic Excellence Awards**



**The Theodore Herfurth and Teddy Kubly Awards
for Initiative and Efficiency**



WISCONSIN
UNIVERSITY OF WISCONSIN–MADISON

Chancellor Rebecca Blank Presiding

WELCOME

Rebecca Blank
Chancellor



INTRODUCTIONS

Sarah Mangelsdorf
Provost and Vice Chancellor for Academic Affairs

Steven Cramer
Vice Provost for Teaching and Learning

Beth Kubly
Representative of the Herfurth and Kubly Families

Patrick McGowan
President of the University Book Store



PRESENTATION OF AWARDS

Chancellor Rebecca Blank
Provost Sarah Mangelsdorf
Vice Provost Steven Cramer

Thank you for celebrating with us the
achievements of our outstanding students.
Please join us at a reception honoring the award recipients
following the presentation of awards.

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. (One Hilldale Fellowship is provided by the McPherson Eye Research Institute.*) Award recipients and their faculty advisors are listed below.

Award Recipient	Major	Faculty Advisor	Project
Colin Adams	Astronomy-Physics and Physics	Justin Vandenbroucke	Camera Calibration for a Next-Generation Gamma-Ray Telescope
Daniel Ahrendt	History and Political Science	Susan Lee Johnson	Borderlands Captivity and the Santa Fe Trail
Tyler Ballweg	Economics and Psychology	C. Shawn Green	Evaluating the Accuracy of Individuals' Ability Beliefs in Cognitive Training
Conlin Bass	Neurobiology	Mary Halloran	Investigating the Expression and Function of Kinesin Light Chain Isoforms in Embryonic Zebrafish
Sindhu Battula	Biomedical Engineering	Judith Kimble	Testing Dogmas of Notch Signaling with Single-Cell and Single-Molecule Precision
Gabriela Betancourt	Biomedical Engineering	Kristyn Masters	Sex Related Differences in Growth Factor Production of Valve Interstitial Cells in the Progression of Calcific Aortic Valve Disease
Alexander Blair	Biology and French	Baron Chanda	Mechanism for Coupling Between the Voltage-Sensing S4 Domain and the Pore Region in the spHCN K ⁺ Channel
Anastasia Bormann	Kinesiology	Kristen Pickett	Targeting Fall Prevention for Deaf Adults: A Community Based Yoga Intervention
Sam Boroumand	Neurobiology and Pharmacology & Toxicology	Robert Thorne	Characterization of a Novel Intranasal Methodology for Antibody Delivery to the CNS
Gabrielle Campagnola	Civil Engineering	Christina Remucal	Transformation of MnO ₂ During BPA Oxidation over Repeated Exposure
Kris Carlson	Biology	Joshua Lang	Novel Epigenetic Modifying Agents May Increase Tumor Associated Antigen Expression in Prostate Cancer
Julia Chini	Pharmacology & Toxicology	Anna Huttenlocher	Effects of an Early Stop Lyn Mutation on Neutrophil Migration and Inflammation
Aidan Combs	Engineering Physics and Mathematics	Dane Morgan	Methods of Efficiently Simulating Scanning Transmission Electron Microscope Images of Nanoparticles
Jenny Day	Molecular Biology	William Bement	Determining the Role of Annexin A6 in Cell Membrane Repair
Mitchell Depke	Molecular Biology	Dustin Deming	Investigation into PAR1 Inhibition in Pancreatic Cancer
Brittany Derynda	Neurobiology and Psychology	Barbara Bendlin	The Relationship between Sleep Quality and Brain White Matter Health in Middle-Aged Adults
Madison Dollenmaier	Biology and Spanish	Beth Weaver	The Role of the SUMO-Interacting Motif and SUMOylation Sites of Mad1 Localization in Mitosis
Will Flanigan	Biochemistry and Biomedical Engineering	Pamela Kreeger	The Interplay of Genetic Mutations and Microenvironmental Factors on the Origin and Progression of Ovarian Cancer
Kyra Fox	International Studies and Psychology	Scott Straus	The Complex Combatant: Deconstructing Victim- and Perpetrator-Hood in Northern Uganda
Matthew Frazier	Physics and Mathematics	Pupa Gilbert	Biological Markers in Spherulitic Carbonate Structures
Allison Fujimoto	Linguistics	Monica Macaulay	Word Order of Subordinate Clauses in Menominee
Natalie Galles	Biology	Christopher Coe	Understanding the Basis of Adult Health through the Lens of Japan
James Gannon	Biology	Pamela Kling, Allison Pollock	Identifying Potential Risk Factors of Childhood Obesity through Age Six
Aaron Gochberg	Music Performance	Anthony Di Sanza	Documenting Modern Afro-Cuban Bata Drumming and Orisha Song in Havana, Cuba
Eliza Godfrey	Psychology	Edward Hubbard	Investigations into the Relationship of Arithmetic Sense and Pedagogical Content Knowledge
Daniella Greenfield	Psychology	Hill Goldsmith	Rumination as a Moderator of the Association between Childhood Anxiety Symptoms and Adolescent Depression
Kimberly Gromek	Biology	Fotis Asimakopoulos	Exploration of Innate and Drug Induced Immune Response as Multiple Myeloma Combination Therapy
Nathan Gruenke*	Genetics	Akihiro Ikeda	Investigating the Impact of Inflammation on Age-Related Retinal Degeneration
Miriam Guevara	Microbiology	Joseph Dillard	Characterization of the Effects of <i>Neisseria Gonorrhoeae</i> on the Growth of <i>Gardnerella Vaginalis</i>
Sadie Gugel	Biochemistry	Hannah Carey	Functional Implications of Changes in Gut Microbial Composition During Hibernation in 13-lined Ground Squirrels Examined by Stable Isotope Assisted Labeling

Award Recipient	Major	Faculty Advisor	Project
Samuel Halama	Psychology	Karl Rosengren	Improving Spatial Reasoning in Preschool to Kindergarten Children using Fine Motor Tasks
Mathew Hargreaves	Biochemistry and History	Ivan Rayment	High-Resolution Structure of Cardiac Myosin Rod
Dylan Hatch	Computer Sciences and Physics	Radu Serban	The Connected Autonomous Vehicle Emulator
Quanfa He	Legal Studies and Psychology	Yuri Miyamoto	Parents' Emotional Response to Children Matters: So Does Culture
Emily Hinds	Biochemistry and Computer Sciences	Philip Romero	Predictive Classification Model of Chimeric Protein Function Based on Primary, Tertiary Structural Features
Drew Hollender	Neurobiology	Timothy Gomez	Role of Mechanosensitive Ion Channels in 3D Axon Outgrowth
Felissa Hong	Biology	Bermans Iskandar	Critical Period in Gestation that Mediates the Transgenerational Effect of Folic Acid in Axon CNS Regeneration
Matthew Incha	Molecular Biology	Brian Pflieger	Engineering a Biosensor to Enhance Microbial Production of n-Octanol
Anna Janke	Human Development & Family Studies	Jyoti Watters	Regulation of miR-210 and miR-146 Expression by Hypoxia: Role of HIF-1 α Binding at miRNA Gene Promoters
Lihanzhi Jiang	Communication Sciences & Disorders	Margarita Kaushanskaya	Learning Sign language: Does Being Bilingual Help?
Christopher Johns	Biology	Craig Berridge	Chemogenetic Assessment of the Cognitive Function of Corticotropin Releasing Factor Neurons in the Prefrontal Cortex
Teja Karimikonda	Neurobiology	Cynthia Czajkowski	Structural Mechanisms Underlying Ethanol's Actions
Hannah Karp	Biochemistry	Ying Ge	Top-Down Proteomic Characterization of Induced Pluripotent Stem Cell Cardiomyocytes
Adam Kaufmann	Microbiology	Jade Wang	Characterization of Genetic Determinants of Persistence in <i>Bacillus Subtilis</i>
Celeste Keith	Astronomy-Physics, Mathematics, and Physics	Christy Tremonti	A Search for Gas Accretion Signatures in Galaxies with SDSS IV/MaNGA
Conlain Kelly	Applied Math, Engineering & Physics and Computer Sciences	Dan Negrut	Representing Fluid Dynamics as a Many-Body Dynamics Problem with Friction and Contact
Michael Kessler	Biochemistry and Biology	Corinna Burger	Implication of Homer1c in Hippocampal Cognitive Aging by Targeted Genome Editing
Karam Khateeb	Biomedical Engineering	Kate O'Connor-Giles	The Role of the <i>Drosophila</i> Voltage-Gated Ca ²⁺ Channel Cacophony in Synaptic Plasticity
Madison Kircher	Biology	Joshua Lang	Investigating the Effects of Epigenetic Modifying Agents on Antigen Processing and Presentation in Prostate Cancer
Nicole Kitten	Microbiology	Rick Gourse	Investigating the Role of ppGpp in the Activation of Genes during Nutrient Deprivation in <i>E. Coli</i>
Tristan Krause	History	Marc Kleijwegt	Funerary Inscriptions of the Legio II Parthica at Apamea
Kimberley Law	Animal Sciences	Judith Kimble	Identification and Characterization of Pivotal PUF Proteins in <i>C. Elegans</i> Stem Cells
Julia Levine	Afro-American Studies and Environmental Studies	Keisha Lindsay and Dace Zeps	Our Communal History: Wisconsin Activism in the 21st Century
Katie Liu	Art History and Classical Humanities	Nicholas Cahill	Between Bushes and Bathrooms: Sanitation in Archaic Greek Households
Julia Loosen	Biology and Sociology	Melissa Dattalo	The Impact of Social Support on Trajectories of Hospital Utilization Patterns: A Qualitative Study
Meng Lou	Biochemistry, Biology, and Microbiology	Anna Huttenlocher	Utilizing Tissue-Specific Transgenics to Elucidate p53 Roles in Cancer Microenvironments
Alexa Machnik	Art History	Yuhang Li	A Deified Beauty: Reading the Yokihi Kannon Sculpture of Sennyu-Ji Temple
Alecio Madrid	Astronomy-Physics and Chemistry	Audra Hernandez	Using Velocity Anisotropy to Analyze Magnetohydrodynamic Turbulence in Giant Molecular Clouds
Amy Maniola	Sociology	Pamela Oliver	Militarization and Public Confidence in Police
Kristin McAdow	Botany and Conservation Biology	Doug Soldat	Soil Microbial Structure and Activity as Affected by Lead (Pb) Contamination
Michaela McCabe	Communication Sciences & Disorders and Music	Jenny Saffran	Can Song Help Infants Learn the Meanings of Novel Words?
Elise McCune	Psychology	Lee Eckhardt	High-Resolution Analysis of Cav3, Nav1.5, Kir2.1 Protein Associations in a Macromolecular Complex Implicated in Heart Failure
Christina McNerney	Biochemistry	Tom Record	Effects of Deleting the β' Jaw of <i>E. Coli</i> RNA Polymerase on the Steps of Transcription Initiation at IPR Promoter DNA

Award Recipient	Major	Faculty Advisor	Project
Jessica Miller	African Languages & Literature and Biology	Xinyu Zhao	Evaluating Long-term Cellular Rescue Effects of Nutlin-3 in a Mouse Model of Fragile X Syndrome
Nathaniel Miller	Molecular Biology and Psychology	Bas Rokers	Structural and Functional Changes in Human Unilateral Primary Open-Angle Glaucoma
Jason Mohoney	Applied Math, Engineering & Physics and Computer Sciences	David Anderson	Understanding Impurity Dynamics in Stellarators
Ashley Ng	Biochemistry	Jill Wildonger	Regulating Kinesin Transport at the Synapse
Steven Oakes	Biomedical Engineering	Chad Vezina	Pericyte Phenoconversion in Response to TGF- β and CXCL-12
Nicholas Olsen	Mathematics	Dan Negrut	A Study of the Influence of Microscale Geometry on the Macroscale Behavior of Granular Materials
Lucas Oxtoby	Chemistry	Jennifer Schomaker	Investigating Analogs of Eflornithine, an Irreversible Inhibitor of Ornithine Decarboxylase
Sarah Quinn	Chemistry	Gilbert Nathanson	Molecular Beam Studies of Ocean Chemistry Using a Seawater Microjet
Kayla Rasmussen	Genetics	Paul Sondel	Immunotherapy of 9464D-GD2 Neuroblastoma
Nathan Richman	Biomedical Engineering	Melih Eriten	Characterization of Microbial Biofilm Growth and Restructuring in Response to Prolonged Mechanical Stresses
Karly Rosinsky	Psychology	James Li	Parent-Child Interactions and Behavioral Variability among Children with and without ADHD
Aaron Rottier	Pharmacology & Toxicology	Warren Rose	Evaluation of β -Lactam Exposures to Induce Daptomycin Lysis of Methicillin Resistant <i>Staphylococcus Aureus</i>
Drew Rust	Biochemistry	John-Demian Sauer	Characterization of the Highly Conserved yvcJKL Operon in Methicillin-Resistant <i>Staphylococcus Aureus</i>
Juliette Schefelker	English	Catherine Marler	The Effect of Oxytocin on Coordinated Territorial Defense and Behavioral Compensation in Pair-Bonded California Mice
Melissa Seman	Biochemistry	Catherine Fox	Examining how the Palmitoyltransferase (Pfa4) Regulates the Conserved Chromosomal Regulatory Protein Rfl1 in <i>Saccharomyces Cerevisiae</i>
Alison Sharpless	Chinese & Comparative Literature and Folklore Studies	Rania Huntington	Fated to Cross Paths: The Writings, Friendship, and Legacy of Shi Pingmei, Lu Jingqing, and Lu Yin
Tianzhe Shen	Philosophy	Michael Titelbaum	Quantum Bayesianism as a Modification of the Copenhagen Interpretation
Wenqi Shen	Biochemistry	Helen Blackwell	Delineating Key Structure-Activity Relationships for the Quorum Sensing Signal Peptides in the Common Pathogen <i>Staphylococcus Epidermidis</i>
Trevor Simmons	Chemical Engineering	Brian Pflieger	Redirecting Carbon Flux to Increase Lauric Acid and Dodecanol Production in <i>Escherichia Coli</i> via Competing Fermentative Pathway Knockouts
Tanja Skiljevic	Psychology	Judith Harackiewicz	Developing Utility-Value Interventions to Help First-Generation College Students
Abigail Staples	Psychology	William Cox	A Media Content Analysis and Experiment Evaluating Fat-Shaming Internet Memes and their Influence on Perceptions of Workplace Harassment
Maxwell Strange	Computer Engineering and Computer Sciences	Jing Li	An Analysis of a Novel Architecture for Sparse Graph Processing
Adarsh Suresh	Chemical Engineering and Chemistry	Robert Hamers	Construction of Sandwich Heterostructure to Stabilize Plasmonic Metal Nanoparticles
Marisa Tisler	Biomedical Engineering	Paul Campagnola	Fabricating In Vitro Models of Normal and IPF Tissue using Multiphoton Excitation Photochemistry: Implication of Collagen Architecture in Cell Behavior
Joseph Trimarco	Biochemistry and Molecular Biology	Michael Cox	Generating and Characterizing Experimentally Evolved Resistance to Ionizing Radiation in <i>Escherichia Coli</i>
Teresa Turco	Psychology	Maryellen MacDonald	The Effects of Accented Speech on Knowledge Acquisition
Anne Ulrich	Computer Engineering	Saverio Spagnolie	The Sound of Tree Leaves in the Rain
Caden Ulschmid	Biology	Robert Lipinski	DNA Methylation in Palate Development and Cleft Palate Pathogenesis
Ranveer Vasdev	Music	Stephen Johnson	The Effects of Caffeine on Respiratory Rhythm and Neuroplasticity in a Novel Rodent Model of Apnea of Prematurity
Claire Vavrus	Geological Engineering and Geology & Geophysics	Shaun Marcott	A Holocene Glacial Chronology for the Beartooth Mountains, Southwestern Montana
Roger Waleffe	Applied Math, Engineering & Physics and Computer Sciences	Cary Forest	Axisymmetric Spherical Mirror for a Fusion Neutron Source

Award Recipient	Major	Faculty Advisor	Project
Daniel Walzer	Communication Arts and Spanish	Rubén Medina	Writing and Rebellious: The Young Poets of Mexico City and the Legacy of Mario Santiago Papasquiaro
Peidong Wang	Atmospheric & Oceanic Sciences	Tracey Holloway	Characterizing Ambient Formaldehyde over the United States
Aleah Warden	Biology	Alexey Glukhov	Compartmentalized Regulation of Subcellular Calcium Signaling and its Impact on Atrial Arrhythmogenesis: The Role of Caveolar Scaffolding Protein Caveolin-3
Kelly Weldon	Psychology	Gopal Iyer	Differentiating the Role of BET Bromodomain in KRAS:SMAD4 Driven Pancreatic Adenocarcinoma Model
Andrew Wittman	Microbiology	Silvia Cavagnero	Previously Formed Secondary Structure Affects Protein Folding
Ian Wolf	Biomedical Engineering	Hau Le	Design of an Ex Vivo Model for Fetal Lung Development
Dorothy Wu	Philosophy, Psychology and Sociology	Alice Goffman	Chinese International Students at UW–Madison: What their Lives Look Like and how they Navigate American Culture
Carol Xu	Genetics	Yevgenya Grinblat	Understanding Maternal Contribution of RNA Binding Protein IGF2BP1 in Zebrafish (<i>Danio Rerio</i>)
Susanna Yaeger-Weiss	Chemistry	Silvia Cavagnero	Discovery and Characterization of Prion-Like Proteins in Bacteria

HOLSTROM ENVIRONMENTAL SCHOLARSHIPS

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
Ryan Fitzsimmons	Chemistry	Monica Turner	Joint Effects of Ungulate Herbivory, Pathogens, and Altered Fire Regimes on the Stability of Deciduous Dominated Boreal-Forest in Interior Alaska
Sanobar Mirza	Environmental Sciences and Geography	Erika Marin-Spiotta	Variation in Nitrogen Cycling between Tropical Land Uses
William Rosenthal	Genetics and Wildlife Ecology	Sean Schoville	Population Structure and Evolutionary Change in Guppies across the Hawaiian Archipelago
Marco Scarasso	Environmental Sciences and Wildlife Ecology	Jake Vander Zanden	Predatory Control of Native Freshwater Drum on Invasive Zebra Mussels in the Early Stages of Invasion

SOPHOMORE RESEARCH FELLOWSHIPS

Funded by generous grants from the Brittingham Fund, the Kemper K. Knapp Bequest, and the Chancellor's Office, 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
Madeline Akbari	Microbiology	Richard Gourse	Determining the Role of TraR-Like Proteins Present in the Bacterial Domain
Catherine Anderson	Mathematics	Walter Goodman	Identification of the Metalloprotein Responsible for Hyperintense Magnetic Resonance Images in <i>Manduca Sexta</i> Larval Silk Glands
Kyle Barron	Psychology	Shawn Green	Examining Virtual Reality: Real-World or Entertainment Media?
Mackenzie Berry	English	Sara McKinnon	Muhammad Ali's Influence on Hip-Hop and Spoken Word and Sexism in American Culture through the Lens of These Traditions
Joseph Blommer	French and Neurobiology	David Wassarman	The Effect of a Ketogenic Diet on Outcomes of Traumatic Brain Injury in <i>Drosophila</i>
Ethan Boynton	Microbiology	Jae-Hyuk Yu	Characterization of <i>oefC</i> Encoding a Putative Transcription Factor Governing Development and Metabolism in <i>Aspergillus</i>
Bennett Bremer	Biochemistry and Computer Sciences	Phillip Romero	Autonomous Platform for Protein Design
Tess Carlson	Chemistry	Silvia Cavagnero	Single-Molecule FRET Studies of Ribosome-Bound Protein Chains
Emily Daykin	Genetics	Marc Wolman	The Role of Insulin-Like Growth Factor Signaling and PAPP-AA in Protecting Hair Cells from Aminoglycoside-Induced Death
Lauren Fahmy	Nutritional Sciences	Miriam Shelef	How Non-Steroidal Anti-Inflammatory Drug Use Affects Neutrophil Extracellular Traps
Michael Gui	Microbiology	Bruce Klein	Analysis of Stimulatory Factors that Drive Development of Neutrophil-Dendritic Cells

Award Recipient	Major	Faculty Advisor	Project
Jieun Heo	Undeclared	Darcie Moore	Regulation of Asymmetrically Segregated Cargoes in Mitotic Neural Stem Cells
John Holden	Undeclared	Gwen Eudey	Study into the Economic Growth and Bases of Major Midwestern Urban Areas
Keith Kamer	Undeclared	Dave Pagliarini	Engineering Analog-Sensitive Coq8p to Investigate Coenzyme Q Metabolism
Grace Li	Biomedical Engineering	Tim Donohue	Designing Mechanism for <i>Rhodospseudomonas palustris</i> -Based Bio-Electrochemical Cell
Maggie Liu	Biochemistry	Robert Landick	Elucidating the Roles of Various Regulatory Factors and Termination Structures in Coupled Transcription-Translation in <i>Escherichia Coli</i>
Kara Mortensen	Neurobiology	Matthew Merrins	Transcriptional Regulation of a Key Component of Insulin Secretion by Cyclin-Dependent Kinase 2
Renee Olley	Geological Engineering	Angela Pakes Ahlman	Assessing the Environmental Implications of Polyurethane Injection
Ashley Prudhom	Elementary Education	Brad Brown	Parent and Peer Influences on Middle Adolescents' Social Media Use
Rasika Ramanathan	Chemical Engineering	Eric Shusta	Targeting the Blood Brain Barrier with Lamprey Immunized Variable Lymphocyte Receptors
Rebecca Sturm	Psychology	Kristin Shutts	How Social Categories Affect Children's Thinking About Peers' Prosocial Behavior
Dahlia Tesfamichael	Undeclared	Jessica Pritchard	B Cell Activating Factor as a Potential Biomarker in Canine Inflammatory Bowel Disease
Rahul Venkatesh	Chemical Engineering	Regina Murphy	Developing a New Assay to Measure the Stability of Transthyretin Tetramers
Nathan Wang	Biochemistry and Chemical Engineering	Sean Palecek	Modeling the Activity of Antifungal α/β -Helical Peptides Using Physicochemical Properties

UNIVERSITY BOOK STORE AWARDS FOR ACADEMIC EXCELLENCE

A generous grant from the University Book Store allows for Academic Excellence Awards of \$1,000 each to undergraduate students who best demonstrated excellence by completing a project through independent study.

Award Recipient	Major	Faculty Advisor	Project
Emma Allmann	English	Ronald Kuka	Sisu
Anupama Bhattacharya	Biomedical Engineering and Computer Sciences	Anna Kaatz	Text-Mining NIH Grant Critiques—Can Machine Learning Algorithms Detect Reviewer Bias?
Mariam Coker	English, Sociology, and Social Work	Amaud Johnson	Princess Diaspora
Wilder Deitz	French and Social Welfare	Eric Lock	The Path to Professionalization in the Context of Crisis: An Examination of Social Work in Jordan
Madeline Friedman	Biology	Allyson Bennett	Maternal Cradling and Handedness in Rhesus Macaques (<i>Macaca Mulatta</i>)
Max Haase	Biology	Chris Todd Hittinger	The Effects of Host Tree Species and Elevation on the Distribution of Ascomycota and Basidiomycota Yeast Species
Runyu Hong	Biochemistry	Tom Record	Predicting and Interpreting the Hofmeister Effects of Different Salts with Nucleic Bases and Aromatic Copounds Using Solubility Assay
Benjamin Hoscheit	Astronomy-Physics, Mathematics, and Physics	Amy Barger	The KBC Void: Supernovae Type Ia and the Kinematic SZ Effect in a Lambda-LTB Model
Shelby Kahr	Art	Lynda Barry	Terrific
Lena Law	Psychology and Spanish	Ozioma Okonkwo	Chronotropic Response and Cognitive Function in a Cohort at Risk for Alzheimer's Disease
Johanna Lepro-Green	English	Sarah Fuchs	The Delinquent: Short Stories
Lyndsay Lewis	Dance and Psychology	Katherine Corby	The Nature of Inhabiting Bodies
Kelly Martin	Anthropology and Zoology	Laura Monahan	Curation of the Archaeological and Modern Snails at the UW-Madison Zoological Museum
Gregory Plumb	Computer Sciences and Mathematics	Vikas Singh	Modeling Cognitive Trends in Preclinical Alzheimer's Disease (AD) via Distributions over Permutations
Ryan Rebernick	Biochemistry	Miriam Shelef	A High-Throughput Method to Quantify NETosis in Fluorescent Microscope Images
Sabrina Ross	English, Gender and Women's Studies, and Religious Studies	Ellen Samuels	Awfully Jewish After All

Award Recipient	Major	Faculty Advisor	Project
Megs Seeley	Botany and Forest Science	Erika Marin-Spiotta	Land Change Effects on Tropical Soil Microbial Communities: Emerging Patterns and Knowledge Gaps
Jack Shireman	Neurobiology	John Curtin	The Devil You Don't Know and the One You Can't Control: Alcohol's Effects on Psychophysiological Responses to Unpredictable and Uncontrollable Stressors
Elizabeth Stephens	English	Ronald Kuka	A Coming of Age Collection
Rose Walters	English, Mathematics, and Physics	Ronald Kuka	Zeitgeist Or: Essays Under My Skin

Honorable Mention

Steven Kaplan-Pistiner	Art	Faisal Abdu'Allah	Like Shouting in a Snowstorm
Megan Roessler	Art History	Anna Andrzejewski	Building for a Nation: The Lodges of Utah's National Parks

THEODORE HERFURTH AND TEDDY KUBLY AWARDS FOR INITIATIVE AND EFFICIENCY

A generous grant from the Herfurth and Kubly families provides for these longstanding awards which honor senior students exemplifying a composite of superior academic achievement, community service and leadership in extra and co-curricular activities, financial self-support, and both prepared and extemporaneous oral expression.

Recipient	Major
Allison Hare	Psychology
Isaac Mades	Chemistry
Deshawn McKinney	English

Honorable Mention

Michelle Tong	Biomedical Engineering
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NATIONAL SCHOLARSHIPS

Recipient	Major	Award
Cory Cotter	Astronomy-Physics, Computer Science, Mathematics, and Physics	Goldwater Scholarship
Emily Jewell	Engineering Mechanics and Mathematics	Goldwater Scholarship
Lucas Oxtoby	Chemistry	Goldwater Scholarship
Elise Penn	Geological Engineering, Geology & Geophysics, and Mathematics	Goldwater Scholarship, Honorable Mention
Signe Janoska	Classical Humanities and Political Science	Truman Scholarship, Finalist
Carmen Gosey	Legal Studies and Political Science	Truman Scholarship, Finalist
Elizabeth Schnee	International Studies	Truman Scholarship, Finalist
Trina LaSusa	Journalism	Udall Scholarship, Honorable Mention
Brian Drout	BA in Political Science (2014)	Schwarzman Scholarship
Chien Sheng	BS in Economics and Electrical Engineering (2013)	Schwarzman Scholarship
Deshawn McKinney	English	Marshall Scholarship Rhodes Scholarship, Finalist

About the scholarships: 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 Scholarship provides \$7,000 for undergraduate study to students with great potential for, and commitment to, a career related to the environment. The Schwarzman Scholarship provides tuition and stipend for a master's degree in public policy, economics and business or international studies at Tsinghua University in China. 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 and stipend for completion of a second bachelor's or graduate degree at the University of Oxford.

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