The annual College of Arts and Sciences student research conference, now in its 26th year and funded in part by a generous grant from AU trustee and alumna Robyn Rafferty Mathias, provides a forum for College undergraduate and graduate students to present original scholarly and creative works before colleagues, faculty, and friends.
# Conference Schedule

**MORNING POSTER SESSION:** 9:30–11:30 AM  
Rotunda

**SESSION ONE:** 9:00–10:30 AM  
Identity, Justice, and Interpretation  
World Language, Film, Fashion, and Change  
Health, Disease, and Biodiversity  
History in a Changing World  
Economics of Growth and Collapse  
KATZEN 112  
KATZEN 115  
KATZEN 123  
KATZEN 128  
KATZEN 151

**BREAK:** 10:30–10:45 AM

**SESSION TWO:** 10:45 AM–12:15 PM  
Literature of the Mind, Body, and Identity  
The Power of Science and Math  
American Transformations  
Stress, Families, Societies, and Advocacy  
KATZEN 112  
KATZEN 115  
KATZEN 123  
KATZEN 128

**LUNCHEON:** 12:30–1:30 PM

**AFTERNOON POSTER SESSION:** 2:30–4:30 PM  
Rotunda

**SESSION THREE:** 1:45–3:15 PM  
Imagination and Identity in Film and TV  
Forms and Representations in Art  
Challenges to Health  
Sounds and Visions  
Performances  
KATZEN 112  
KATZEN 115  
KATZEN 123  
KATZEN 128  
KATZEN 154

**SESSION FOUR:** 3:30–5:00 PM  
Russians, Cold War, and Chernobyl  
Theater, Dance, Space, and the Numbers  
Morality, Compassion, Aggression, and Trauma  
Power, Perceptions, and Status  
Empowerment, Race, Violence, and Right Wing Politics  
KATZEN 112  
KATZEN 115  
KATZEN 123  
KATZEN 128  
KATZEN 151
SESSION ONE (9:00-10:30 AM)

Identity, Justice, and Interpretation

Did We Read the Same Book?: Examining the Individual Experience of Reading
Jody Lanza-Gregory, Junior/Senior, Literature

Symbolism in the Literature of W.B. Yeats
Elizabeth Maguire, Junior/Senior, Literature

Destructing the Self in Liminal Landscapes
Kate McMahon, Junior/Senior, Literature

Justification of Anger: The Black body
Alexis Oriakhi, Junior/Senior, Literature

The Magic of Identity
Kate Porter, Junior/Senior, Literature

The Best of Intentions: Challenging our dominant narrative about volunteering
Kim Truong, Junior/Senior, Public Health

World Language, Film, Fashion, and Change

The Repetition of History: The Pattern of Radicalism in Latin America and the Middle East
Saira Bhatti, MA Candidate, Latin American Studies and Spanish

Stratified Sampling of Dual Language Immersion (DLI) Programs Within the United States
Ayesha Ferdouse, MA Candidate, International Training and Education

(Implications of) Re-entry Experiences of Jamaicans Seeking Employment After Studying Overseas
Kwame Gayle, MA Candidate, International Training and Education

Vietnamese Film and its Presentation of War, Gender, and Inequality
Adena Maier, Junior, International Studies

Fashion as a Form of Resistance
Shannon L. Staley, Senior, International Studies
Tomemos la Universidad: Students, Social Change, and the Making of a Popular Myth in Chile
Alexandra Vranas, Graduate Student, MA: Spanish, Latin American Studies

**Health, Disease, and Biodiversity**

Therapeutics and Prevention of Dengue Fever
Jessica Dawson, Senior, Biology

The foraminiferan Baculogypsina sphaerulata as an Indicator of Coral Reef Health in Guam
John Doherty, MS Candidate, Environmental Science

The Integration of External and Internal Cues in Energy and Body Weight Regulation
Sabrina Jones, PhD Candidate, Behavior, Cognition, and Neuroscience

Investigating the physio-chemical niche of obligate subterranean amphipods in shallow subterranean waters of the DC metro area
Jenna Keany, MS Candidate, Environmental Science

Exploring the hormonal and behavioral responses of zoo-housed gorillas (Gorilla gorilla gorilla) upon introduction of a female conspecific
Kimberly Kramer, MS Candidate, Biology

Using Biological Data to Infer the Connectivity of Subterranean Habitat Types
Vincent Leray, MS Candidate, Biology
SESSION ONE (9:00-10:30 AM)

History in a Changing World

Dear Miss Perkins: A Story of the Efforts of Frances Perkins to Aid Refugees from Nazi Germany (1933-1940)
Rebecca Brenner, MA Candidate, History

The Queer Predicaments of Orthodox Jews: Psychology, the Shoah, and Stonewall
Lucas Chapman, Senior, History

"Every Man a Slave Catcher": Building a Carceral Landscape in the Upper South, 1640-1861
Jordan D. Grant, PhD Candidate, History

"No Ordinary Feelings": Mormon Women's Petitioning 1870-1886
Katherine Kitterman, PhD Candidate, History

Monarchy and Masculinity in the Commonwealth Caribbean
Toby McCarroll, Senior, History

Memory and Identity: Argentina’s Postdictatorial Representation of Trauma through the Artistic Photography of HIJOS
Patricia Montilla Keeling, MA Candidate, Spanish and Latin American Studies
SESSION ONE (9:00-10:30 AM)

Economics of Growth and Collapse

Baumol's Cost Disease: Is it That Bad?
David D'Auria, Senior, Mathematics and Economics

The Boom in Bradford
Tabatha Poelstra, Senior, Mathematics and Economics

Learning from Detroit's Financial Crisis: Why Puerto Rico Should Gain Access to Chapter 9 of the Bankruptcy Code
Veronica M. Vazquez Ugalde, Senior, Economics

An Experimental Test of Output Choice on Market Collusion
Matthew Waskiewicz, Senior, Economics

Currency Crises and Long-run Economic Growth in Developing Countries
Tzsche Wen, Andrea Chu, MA Candidate, International Economics
SESSION TWO (10:45 AM-12:15 PM)

Literature of the Mind, Body, and Identity

Modernity, Mobility and Crime in *Moth Smoke* and *The White Tiger*
Carmen Cain, MA Candidate, Literature

"This thing of darkness I acknowledge mine": Confessional Rhetoric and the Poetics of Seduction in *Paradise Lost* and *Richard III*
Chloe Fairbanks, Senior, Music and Literature

Recognizing the Lacanian Real in Joseph Conrad's *Heart of Darkness*
Amanda Hodes, Freshman, Undeclared

Milton's Feminism
Emily Packer, Senior, Public Communication

Monstrous Misreading in *Memoirs of a Sleepwalker* and its Savage Consequences
Stephanie Lynne Staley, Senior, Literature
SESSION TWO (10:45 AM-12:15 PM)

The Power of Science and Math

Cryptanalytic Limitations: Physical and Mathematical Barriers to Codebreaking
Sean R. Baird, Senior, Physics and International Studies

Investigating the Potential Risk of Hydraulic Fracturing to Water Quality in the Potomac Watershed
Colin P. Casey, MS Candidate, Environmental Science

The Configuration Space Symmetries in the Quantum Bouncer
David Lockerby, Senior, Physics

Indicators of Critical Locations in Wireless Networks
James Palladino, Senior, Applied Mathematics

P-hacking and Transparency in Research
Gabriela Perez, MS Candidate, Statistics

Design and Implementation of an Interactive Narrative Experience Framework
Arunpreet Sandhu, Sophomore, Computer Science

American Transformations

The City Needs Batman: A Hero for a Post-9/11 Society
Sarah Baker, Senior, Sociology

The Purple One and Digital Commodification
William Jack Fitzpatrick, Senior, Public Communication

Hacktivism: A Continuation of Civil Disobedience
Rebekah Frank, Senior, American Studies

The Paper-Bag Test of Yesterday and Today: Understanding the Historical and Contemporary Effects of Colorism on the Biopsychosocial Health of African Americans
Corey Howell, Junior, Undeclared

Perception of Race on Social Media: A Case Study Through Sports
Bryna Kramer, Junior, Undeclared
SESSION TWO (10:45 AM-12:15 PM)

X-Men and the Civil Rights Movement
Matthew Marcellus, Senior, Non-Degree Undergraduate

Stress, Families, Societies, and Advocacy

Interracial Couples and the Influence of Neighborhood Choice
Taylor Heath, Senior, Political Science and Sociology

Multicultural Narratives of Race and Nation in the D.C. Cherry Blossom Festival
Aya Laurel Iwai-Folk, Senior, Sociology

Stress Among Collegiate Student-Athletes: Coping Mechanisms Used
Kaitlin Anne Pericak, MA Candidate, Sociology

The Class of Advertising
Nishant Shrikhande, Senior, Sociology

Development of Social Thought in Ulrich Beck
Emma Whalen, Senior, Political Science and Sociology

Imagination and Identity in Film and TV

Harry Potter and the Normate: Disability and Normalcy in the Harry Potter Series
Jennifer Bohlman, Senior, Literature and Foreign Language and Communication Media
SESSION THREE (1:45-3:15 PM)

This is My Design: *Hannibal* and Queer Epistemology  
Sean Donovan, MA Candidate, Literature

Identities and the City: Marginalized Identities as Accessories in Carrie Bradshaw’s Post-Feminist New York & Her Search for True Love  
Julian Morris-Walker, Senior, Sociology

Getting Satisfaction: The Male Gaze, The Final Girl, and Pleasure in Metafictional Slasher Films  
Bradley Mutchnik, Senior, Literature

Too Close for Comfort: Steve McQueen’s Film Experience with Embodiment  
Jewelle Marie Saunders, Senior, Literature

"Get Your Stinking Hands Off Me, You Damn Dirty Human!": Tim Burton’s Postmodern Cinematic Reimaginings  
Ryan Venezia, Senior, Literature and Public Relations and Strategic Communications

**Forms and Representations in Art**

Reading the Surrealist Bookbindings of Mary Reynolds  
Erica Bogese, MA Candidate, Art History

Stuart Davis: The Trouble with Travel  
Eileen Donovan, MA Candidate, Art History

Function and Form: Re-contextualizing the Quilts of Gee’s Bend  
Sarah Hines, MA Candidate, Art History

Origins of the Image of God  
Katherine Ladd Stephenson, Senior, Art History

Engaging Politics: Ambrogio Lorenzetti’s Sala dei Nove frescoes and the Decline of Siena  
Genevieve Stegner-Freitag, Senior, Art History

Marguerite Thompson Zorach’s Batiks: Forming a Modernist Identity through International Textiles  
Amanda Summerlin, MA Candidate, Art History
SESSION THREE (1:45-3:15 PM)

Challenges to Health

From Good Girl, to Broken Adolescent, to Badass Woman: A Look into How Societal Norms and Pressures Create a Timeline for Female Behavior from Childhood to Adulthood
Sarah Lisbeth Cornell, MS Candidate, Health Promotion Management

The Feasibility of Using Lavandula Angustifolia Aromatherapy During Pediatric Venipuncture
Katherine Curtin, PhD Candidate, Behavior, Cognition, and Neuroscience

Push-Core Sampling in Micronesia: Using Paleoecological Data to Reconstruct Guam’s Coral Reef Community
Jonathan D Cybulski, MS Candidate, Environmental Science

Social Determinants of Exclusive Breastfeeding
Esha Dholia, Junior, Public Health

Neighborhood-Level Impacts on HIV Risk Behaviors: An Analysis of Probationers and Parolees
Justin W. Morgan, Senior, Public Health
"Baby I Need Your Loving": The Supremes, Black Femininity, and Crossover Appeal  
Lauren Canty, Senior, Literature

Camille Pissarro: A Portrait of Agricultural Labor in Nineteenth Century France  
Leah Haines, MA Candidate, Art History

DC DIY: Aesthetics and Ethics in Action  
Ella Vivien Joklik, Senior, Music

Initial Impressions  
Katrina Lukes, Senior, Art History

Memories Triggered By Song - Shown Through Poetry  
Anna Morcerf, Senior, Literature

An Italian Renaissance in Washington, DC, Architecture  
Anne Schroeder, Senior, Art History

Female Constructs and Transformations

Marvel and Modern Feminism  
Michaela Blain, Junior, Public Relations and Strategic Communications

Tattoos and Arrow Reflect American Culture  
Nina Kaplan, Junior, Public Communications

Shifting Identities: Scott Westerfield's Uglies  
Elizabeth Maguire, Senior, Literature

The Evolution of Body Modification in Female Hip-Hop Culture  
Jocelyn Mendez, Sophomore, Political Science

Food, Feminism, and Hip-Hop: A Look at Gender Representation in the 1990s to Late 2000s  
Meagan Nelson, Senior, Communication, Law, Economics, and Government (CLEG)
SESSION THREE (1:45-3:15 PM)

Representation of Beauty Standards in Young Adult Women's Magazines
Heather Rosoff, Senior, Sociology and Spanish Studies

Performances

Leading Man: Shifting Portrayals of Masculinity in American Theater
Jordan Halsey, Senior, Theater Performance

Composing The Sounds of Nature
Matthew Horanzy, Senior, Music

Finding Music in John: The Skepticism of Donne's Songs and Sonets
Nicholas Ketchum Depuy, Senior, Literature

"The Stretcher Came to a Screeching Halt": Transgender Storytelling as Paramedical Health Education
Emmett Patterson, Senior, Women's, Gender, & Sexuality Studies

Magnitudes of Harmony: An Aural Exploration of Time
Mike Romadka, Junior, Audio Production and Music

The Waves Concerto
Jonathan Whitman, Senior, Audio Production

Russians, Cold War, and Chernobyl

Mad Mongols, Uncivilized Russians: U.S. Reactions to Violence during the Russian Civil War in the Far East
Paul Behringer, PhD Candidate, History
SESSION FOUR (3:30-5:00 PM)

Cold War Uncanny in Ray Bradbury's *Martian Chronicles*
Kathleen Escarcha, Senior, Literature and Business Administration

Ruth Gabor, PhD Candidate, History

The Most Prominent African American Leader You've Never Heard Of: James W. Ford and the Communist Party USA
Mary Allison Jobe, PhD Candidate, History

Malevolent Ghost: Representing the Phenomenon of Chernobyl through Technology
Paige Smith, Senior, Literature

White Guilt: The Issue of the Pogroms in the Russian Civil War, 1917-1920
Jack Stein, Senior, History

**Theater, Dance, Space, and the Numbers**

Medea vs. Marie: The Power and Persecution of the Feminine Psyche in Theatre
Nia Calloway, Senior, Theatre Performance

The Pioneering Style of Anna DeaVere Smith's Docudrama
Marisa Lazar, Sophomore, Undeclared

Moving Cultures: Contemporary Dance Programs by Cultural Institutes and Successful Cultural Diplomacy
Sara Martins Pereira da Silva, MA Candidate, Arts Management

Color, Color, Which Color Do You Choose?
Shruthi Mukund, MA Candidate, Arts Management

Strength in Numbers: Data-Driven Marketing Strategies for Mid-Sized to Large Performing Arts Organizations
Victoria Sharbaugh, MA Candidate, Arts Management
SESSION FOUR (3:30-5:00 PM)

The Art of Alternative: Understanding the Relationships between Artists, Space, and Community in Sites of Adaptive Reuse in the United States  
Carolyn Supinka, MA Candidate, Arts Management

**Morality, Compassion, Aggression, and Trauma**

Impressions that Remain: Aristotle and Trauma Studies  
Kathryn A. Bracht, Non-Degree Graduate Certificate Student,

"Jesus Loves Umpires Because No One Else Does": MLB Umpire Ted Barrett and the Calling for Christ Ministry  
Ryan Englekirk, PhD Candidate, History

Steinbeck's *Alfio Marullo*: Immigrant and Victim of American Morality  
Hayley Markovich, Senior, Literature and Public Relations Strategic Communications

Compassion in Crisis: José Saramago's Global Existentialism in Blindness  
Jacob Nieb, Senior, Literature and Biology

Individuals' Duty to Apologize for Complicity in Structural Wrongs  
Eliana Peck, Senior, Philosophy

The USS Panay Incident: Aggression and Censorship in Japanese-African Relations before Pearl Harbor  
Kaitlyn Ross, Senior, History and Business Administration
SESSION FOUR (3:30-5:00 PM)

Power, Perceptions, and Status

The Hive and Black Liberation: Beyoncé as a Celebrity Blacktivist
Ava Cates, Senior, American Studies

Mad Women: How Feminism Changed Women in Advertising
Laura Gibson, PhD Candidate, History

Black Femme Body Self-Perceptions of Beauty: For Us, By Us
Kiersten Gillette-Pierce, Senior, Public Health and Women's, Gender, Sexualities Studies

Athenian Anxiety: Tracing the Changing Status of Women in Athenian Society through the Language of Euripides
Pamela Huber, Senior, Literature

A Foreign Exchange: The Art of Western and Non-Western Diplomacy through Architecture
Sung Eun Oh, Senior, International Studies

Fastened Fragments: Post-Colonial Pedagogy and Possibilities for Women's Empowerment in India
Roshni Rajan, Senior, Philosophy and International Studies
SESSION FOUR (3:30-5:00 PM)

Empowerment, Race, Violence, and Right Wing Politics

Constructions of Human Trafficking in Advocacy Organizations
Sarah Baker, Senior, Sociology

Resiliency, Sustainability, and Economic Empowerment amongst
Women Potters of Western Kenya
Kong F. Cheong, PhD Candidate, Anthropology

A Peaceful Election? Reassessing Peace, Violence and
Democratization in Kenya
Sean Furmage, PhD Candidate, Anthropology

Right on the Rise: Towards an Ethnographic Understanding of
Support for the "Far-right" in England
Jeanne Hanna, PhD Candidate, Anthropology

Department of Parks and Gentrification: A Tale of Dogs and Men in the
Shaw Neighborhood
Antoaneta Tileva, PhD Candidate, Anthropology
MORNING POSTER SESSION (9:30-11:30 AM)

Morning Poster Presentations

Neuromyths: Perceptions and Predictors Among Educators and the General Public
Kelly Macdonald, MA Candidate, Psychology, MA

Black and Bite Cinema: An Exploration of the Flexibility of Agency, and Representation of Black Vampires in Blaxploitation Cinema
Naomi Waltengus, Senior, Literature and Public Communication

Memories of the Herrin Massacre
Caroline Robertson, MA Candidate, Public Anthropology

Music and the Brain: Can Music Serve as a Neuroprotective Therapy for Dementia Related Illnesses?
Adam Horin, MA Candidate, Audio Technology

The Role of Businesses on Gentrification: An Artistic Gentrification Case Study
Chloe Brown, MA Candidate, Sociology

Effectiveness of Coping Strategies in Combatting the "Thin Ideal": An Experimental Study
Aria Lynn Fischman Wiseblatt, Senior, Women’s, Gender and Sexuality Studies and Psychology

Scaling Reward Value with Demand Curves Versus Preference Tests
Lindsay Schwartz, PhD Candidate, Behavior, Cognition, and Neuroscience

Adolescent Drug Pre-exposure Fails to Attenuate Taste Avoidance Conditioning
Matthew M. Clasen, PhD Candidate, Behavior, Cognition, and Neuroscience

Spatial Recognition Tasks and Patterned Learning in Aged Rats to Test Cognitive Deficits in Hippocampal Circuits
Brittney Thompson, Junior, Biology

Search for Evidence of Propensity in Rats to Aggregate by Breed
Cecilia Colleen Ryan Bouska, Junior, Psychology
MODERN POSTER SESSION (9:30-11:30 AM)

Moderating Effects of Mindfulness on Connection with Nature and Well-being
Mathew Stewart, MA Candidate, Psychology

The Impact of College Lifestyle on Potential Weight Gain Among Freshmen Students at American University
Nargiza Kanybek Kyzy, Freshman, Undeclared
Rachael Slepian, Freshman, Undeclared
Tegh Bala, Freshman, Undeclared

Health Effects of DC Segregation
Emily Russell, Sophomore, Undeclared
Eliza Smith, Sophomore, Art History

Mental Health and Societal Integration of Syrian Refugees
Jean-Luc Botbyl, Sophomore, Undeclared

Sleep Patterns and Cognitive Function in American University Freshmen
Samuel Megill, Sophomore, Undeclared
JennyLou Spoon, Sophomore, Undeclared

Epidemiological Tracking of Disease Spread in Freshmen Dormitories on the AU Campus
Moriah M. Mitchell, Sophomore, Public Health
Jerold C Jacobs, Freshman, Undeclared
Connor Whitson, Sophomore, Undeclared

Impact of Canine Interaction on Perceived Stress in College Students: Pup Psychology
Abbie Callahan, Sophomore, Undeclared
Alexander Zipper, Sophomore, Undeclared
John Theodore Kasander, Sophomore, Undeclared

Student Perceptions of Mental Health Needs on American University's Campus and Willingness to Go to the Counseling Center
Emily Shewski, Junior, Public Health
Faith Bruton, Sophomore, Public Health
Rebecca Morgan Taylor, Junior, Public Health
Catherine Lu Clougherty, Junior, Undeclared
MORNING POSTER SESSION (9:30-11:30 AM)

The Effect of Screen Time on Cardiovascular Fitness among Elementary School Aged Children
Sierra Adami-Koll, MS Candidate, Health Promotion Management
Lindsay Debra Raymond, MS Candidate, Health Promotion Management
Assiatou Kama, MS Candidate, Health Promotion Management

Improving Access to Healthy Food among Lower-Income Residents of Washington, DC
Kelechi Ezealaji, Freshman, Undeclared

Perceptions Among Key Stakeholders about Malaria Control and Preventative Measures in Udupi Taluk, Karnataka
Kara Suvada, Junior, Public Health

Traumatic Loss: Adverse Childhood Experiences, Parental Risk Factors, and Mental Health Diagnoses
Diane Kim, Junior, Public Health and Economics

Impact of a Nutrition Education Intervention on Dietary Intake, Nutrition Knowledge, and Stage of Change in College Students
Jennifer Fields, MS Candidate, Health Promotion Management

Afternoon Poster Presentations

A Control Based System of Mechanical Loss Measurement for High Quality Factor Oscillators
Louis Gitelman, Senior, Physics
**AFTERNOON POSTER SESSION (2:30-4:30 PM)**

Visualizing Sound: Demonstration to Teach Acoustic Interference  
Valerie Rennoll, Senior, Physics and Audio Technology

Network Tomography  
Danielle Beard, MA Candidate, Mathematics

How Topological Mathematics Affects the Communication of Ad Hoc Wireless Networks  
Eyerusalem Abebe, Senior, Public Health

Validation of Angle Estimation Filters for Ocean Wave Spectra  
Tara Shreve, Senior, Mathematics  
David D'Auria, Senior, Mathematics and Economics

Homological Features for Sonar Target Classification  
Brian DiZio, MA Candidate, Mathematics

Runoff Analysis of Urban Gardens  
Heather DeLucia, Junior, Environmental Science

Wildlife Management in Namibia: Best Practices for Tourist Sites  
Dorian Russell, Senior, Environmental Studies

Urban Agriculture Hydrology: Soils  
Md Hizaamuddin Abd Haris, Senior, Environmental Science

Carbon Sequestration Capacity of Guam's Seagrass Meadows  
Carly LaRoche, Junior, Environmental Science

The Effects of Tourism on Corals  
Grace Little, Senior, Environmental Science

Urban Tree Canopy and Respiratory Health  
Hannah Klaus, Sophomore, Undeclared  
Chrissandra Jackson, Freshman, Undeclared

The Effects of Cerebellar Neuromodulation on Neural Activation in Language Networks  
Caitlin Barrett, Junior, Neuroscience
AFTERNOON POSTER SESSION (2:30-4:30 PM)

Lesion-symptom Mapping Analysis of Pediatric Cerebellar Tumor Patients
Sophie Kotik, Junior, Neuroscience

Understanding the Uptake and Phytoremediation of Gold Nanoparticles in the Environment
Elizabeth Schott, Sophomore, Neuroscience

Sorbitol-Based Drug Delivery Systems
Jamie Nunziata, Junior, Biochemistry

Uptake of Metals by Magnetic Protein Microgels
Cassidy Hart, Senior, Biochemistry
Olivia Bell, Junior, Biology

Short-noncoding RNAs as a Cause of Chromosome Fusion Events
Grace Uttarotai, MS Candidate, Professional Science: Biotechnology

Dysregulation of HGF/cMet Signaling in Cutaneous Squamous Cell Carcinoma (cSCC)
Nicole Bonan, Senior, Biochemistry

Frontal Cortical Brain Regions for the Control of Consummatory Behavior
Linda Amarante, PhD Candidate, Behavior, Cognition, and Neuroscience

Impacts of Heavy Metals on Vision and Behavior in Zebrafish (Danio rerio)
Matthew LeFauve, MS Candidate, Biology

Evolution of Antibiotic Resistance in Klebsiella pneumoniae carbapenemases (KPCs)
Anand Adhikari, Senior, Biology

Biochemical Analysis of DNA Methyltransferase
Pragati Chengappa, Graduate Student, Professional Science: Biotechnology

Lessons from the First Iteration of a "Design Your Own Experiment" in a General Education, Introductory Biology Lab Course
Vincent Leray, MS Candidate, Biology
The Role of Ethanol Pre-exposure and Gender Differences in Ethanol-induced Conditioned Place Preference in Zebrafish (Danio rerio)
Carly Clayman, PhD Candidate, Behavior, Cognition, and Neuroscience

Sequence Variation and Expression of Photolyase in Cave and Surface Populations of Freshwater Amphipods
Kianna Billman, Senior, Biology

Examining the Long-lasting Effects of Endocrine Disruption on Retinal Development in Danio rerio
Cassie J. Gould, MS Candidate, Biology

Transcriptional Repression Mechanisms in Plant Stem Cell Microenvironments
Aaron Weiner, Junior, Biology