



2018 EVENTS

ILLINOIS

Undergraduate Research Week

APRIL 15-21



Welcome to Undergraduate Research Week (URW), a celebration of student innovation and excellence in research across campus. The signature event is the eleventh annual campus-wide Undergraduate Research Symposium (URS), held on Thursday, April 19. The breadth and scope of the oral and poster presentations, as well the performances, reflect not only the wide range of academic disciplines at the University of Illinois, but also speak to the caliber of our undergraduate students. Their projects also demonstrate the ongoing commitment of our faculty to supporting and expanding undergraduate research opportunities on campus and beyond.

The presentations, posters, and performances in this program address some of society's most pressing issues. As is true of the mentors who support them, these students and their projects hold the potential to change the world for the better. The featured lunch time session demonstrates the range of research that occurs at the University of Illinois, from the arts and social change, to the effect of environmental toxins on developing embryos.

This year's URS (and URW more largely) again sets a record in number of participants from an expansive range of departments, colleges, and other units on campus. All student presenters are eligible to receive awards in various categories for the best posters, oral presentations, and performances. Judges include university administrators and distinguished faculty.

A special thanks goes to our hardworking staff, without whom the logistics of planning such a large-scale annual event would be impossible: Christopher Holmes and David Aristizábal, our graduate research assistants; and Corissa Kurth, Ryan Evans, and Genesis Romo, our undergraduate interns. Thanks also to our Advisory Board for their ongoing support, as well as our Illinois Undergraduate Research Ambassadors, who are new to the Office of Undergraduate Research but are already making their mark in supporting both their undergraduate colleagues across campus and Office programming and events.

We invite you to come be inspired!

Dr. Karen Rodriguez'G
Interim Director, Office of Undergraduate Research

UNDERGRADUATE RESEARCH WEEK EVENTS

Department of Political Science Student Research Symposium and Awards Ceremony

Saturday, April 14, 11:30 AM – 1:15 PM
ACES Library, Heritage Room

Political Science Honors students will present their thesis research in a poster format. Departmental scholarships and awards will also be given out at this event.

NCSA Students Pushing Innovation (SPIN) Open House

Monday, April 16, 3:00 PM – 5:00 PM
NCSA Atrium, 1205 W. Clark Street, Urbana

The National Center for Supercomputing Applications (NCSA) offers highly creative students the opportunity to do hands-on research projects with guidance from NCSA staff and faculty affiliates. NCSA will offer a limited number of paid SPIN internships during the 2018/19 academic year. SPIN projects are open to undergraduate students in any major and year of study; international students can apply.

Want to learn more? Come to our SPIN Open House! You'll get to meet our NCSA staff and faculty affiliates and learn more about the different projects of which you could be a part. Refreshments will be provided.

Ethnography of the University Initiative (EUI) Biannual Student Conference, and The Odyssey Project Poster Symposium

Monday, April 16, 4:00 PM – 8:00 PM
Levis Faculty Center, 2nd Floor

Since 2003, EUI has provided an innovative approach to teaching and learning focused on promoting student research on universities and colleges. In EUI-affiliated courses, students use a variety of ethnographic, archival, and related methods to examine the university in its broader social, political, and historical contexts. At the end of each semester, students have the opportunity to present their research at our biannual conference as well as contribute their work to the EUI collection in the University of Illinois' digital repository, Illinois Digital Environment for Access to Learning and Scholarship (IDEALS). The EUI program is supported through a partnership between the Office of Undergraduate Research and the Department of Anthropology.

Since 2006, The Odyssey Project has been a linking point between the University of Illinois and the broader Champaign-Urbana community. Eligible community members take four free humanities courses taught by faculty from the campus. Odyssey Project students will host poster sessions highlighting findings from their explorations of both Art History and Philosophy.

ILLINOIS Undergraduate Research Week

Sponsors

Office of the Provost, University of Illinois
Stevick Foundation

Special thanks to the Illini Union Event Staff, and to Espresso Royale, Auntie Anne's, and Qdoba for their generous gift card contributions.

College of Fine and Applied Arts (FAA) Symposium

On Display, April 17-20
Temple Buell Hall, Lower Atrium

Outstanding work from undergraduate majors in architecture and landscape architecture will be displayed. This work highlights community-based projects completed by undergraduate students as part of both research and coursework.

On Display, April 17-23
Art + Design Building

The School of Art + Design will feature outstanding creative research by nine students, who were selected to represent each of our degree granting programs: Art Education, Art History, Crafts-Metals, Graphic Design, Industrial Design, New Media, Painting, Photography and Sculpture. Work will be on display in the A+D Block Gallery, located in room 114 Art + Design Building, open S-F, 9-5pm.

In Performance
Tuesday, April 17, and Thursday, April 19, 1:00 PM – 3:30 PM
Music Building, South Lobby

The School of Music will feature performance and research projects by undergraduate music students.

Performance as Research: Departments of Theater & Dance, and the School of Music
Friday, April 20, 1:00 PM – 5:00 PM
Krannert Center for the Performing Arts, Lobby and Stage 5

Performing arts undergraduate students will enliven the expansive lobby of the Krannert Center for the Arts with music, dance, and theater. Experience the arts live and up close!

On Display, April 26, 5:00 PM – 7:00 PM
Temple Buell Hall, Architecture Gallery, Blicharski Atrium, Lower Level

The first graduating class in the Bachelor of Arts in Urban Studies and Planning will present their research and internship work in a poster session. Projects include internship experiences, volunteer work, client-based consulting projects, summer research, and more.

Department of English Symposium

Wednesday, April 18, 4:00 PM – 6:00 PM
English Building, Atrium

Five Years of Re:Search, the Undergraduate Literary Criticism Journal at the University of Illinois

Zoe Stein, Junior, English, LAS, co-editor-in-chief
Hannah Downing, Senior, English, LAS, co-editor-in-chief

An Inquiry into the Ethical Implications of the Portrayal of Mental Illnesses in Video Games

Brittany Lundberg, Junior, English, LAS

Birth Stories, Midwifery and Politics in the United States during the 20th Century

Meghan McCoy, Senior, English, LAS

ISUR Research Poster Expo

Wednesday, April 18, 4:00 PM – 6:00 PM
Illini Union, Illini Rooms B and C

The ISUR Research Poster Expo is an annual event for the participants of the Illinois Scholars Undergraduate Research (ISUR) program to present their projects which are focused on various research areas such as semiconductors, electronics, information technology, energy and the environment, chemical solutions, agricultural biotechnology, and health.

Pincer-Iridium Catalyst Encapsulation through Hydrosilylation
Muneeb Ansari, Junior, Chemistry, LAS

Fabricating a Hydrogel Platform for Enthesis Regeneration
Amber Boyce, Senior, Chemical & Biomolecular Engineering, LAS

Mitigation of Electron Migration of Copper Interconnects via Graphene Layering
Patrick Burke, Junior, Mechanical Engineering, ENG

Biomolecule Delivery via Polymeric Micelle Delivery System
Hannah Chait, Senior, Chemical & Biomolecular Engineering, LAS

Effect of Invasive Glioma Stem Cells Using Hyaluronic Acid and Oxygen on 3D Platforms
Denzel Ryan Cruz, Sophomore, Bioengineering, ENG

Increased Electronic Conductivity of Li-ion Battery Cathode through Conversion Cathode-Metal Eutectic
Emily Foley, Senior, Materials Science & Engineering, ENG

Public Health Prediction with Social Media
Nupoor Gandhi, Sophomore, Computer Science, ENG

A New Method to Measure Rate of Evaporation of Droplets for Different Temperatures
Marisa Gnadt, Senior, Mechanical Engineering, ENG

The Incredulity of Contemporary Cardiologists: Integrated Imaging as a Marker for Diagnosing PAD in Preclinical Models
Than Huynh, Junior, Bioengineering, ENG

Controlling Crystal Formation in Organic Semiconductors
Nicole Jugovich, Sophomore, Chemical & Biomolecular Engineering, LAS

Understanding Human Sorting
Andrew Kuznetsov, Senior, Computer Science, ENG

Biomaterial Models of the Tumor Margins in Glioblastoma
Patricia Li, Senior, Chemical & Biomolecular Engineering, LAS

*A Microfabricated Electrical Immunosensor for Sepsis Detection***Cynthia Liu**, Junior, Bioengineering, ENG*Flash Annealing Vitreloy 106a with an Adjustable Cooling Rate***Jacob Maher**, Junior, Materials Science & Engineering, ENG*Design of an Autonomous Large Drone Swarm***Raimon Roglans**, Sophomore, Aerospace Engineering, ENG*Chiral Measurements of D-Asp in the Pancreas***Jack Schnieders**, Sophomore, Chemical & Biomolecular Engineering, LAS*Fast, Low-Temperature Spray Deposition of Perovskite Solar Cells***John Simonaitis**, Senior, Electrical Engineering, ENG*Mineralized Collagen-Amnion Scaffolds for Repair of Craniomaxillofacial Bone Defects***Simona Slater**, Senior, Chemical & Biomolecular Engineering, LAS*Accelerated Molecular Dynamics Study of Dislocation Climb in Nickel***Lauren Smith**, Senior, Materials Science & Engineering, ENG*EPen: A Handheld Device for Measuring the Stiffness of Soft Tissue***Robert Stavins**, Sophomore, Mechanical Engineering, ENG*The Missing Link Between Acoustic Stealth and Poroelasticity***Greg Stroot**, Junior, Mechanical Engineering, ENG*Solar Thermal Energy Storage Cycle Testing***Rachel Tham**, Sophomore, Agricultural & Biological Engineering, ACES*Novel Graph Theoretical Approaches for Electronic Structure Calculations***Michael Toriyama**, Junior, Materials Science & Engineering, ENG*Negative Thermal Expansion in Anisotropic Oxides***Whitney Tso**, Junior, Materials Science & Engineering, ENG*Universal, Green Chemistry Approach to Synthesizing Functional Theranostic Gold Nanoparticles***Rachele Wen**, Junior, Bioengineering, ENG*Adaptation of a Smartphone Spectrometer System to Analyze Light-Scattering Properties***Elizabeth Woodburn**, Senior, Bioengineering, ENG**IPRH-Mellon Bio-Humanities Undergraduate Research Symposium: Unwinding Time and Temporality****Friday, April 20, 2:00 PM – 5:00 PM**

Levis Faculty Center, IPRH Lecture Hall, Room 422

Time is traditionally viewed as regulated, unending, and constant, yet one can relate to the feeling of time flying by in moments of joy or moving along at a snail's pace in moments of boredom. This symposium will explore the paradox between these two relationships to time, which intersect and diverge from each other throughout daily life. By integrating models of time and temporality from various biological and cultural disciplines, this project aims to form a more comprehensive understanding of the subjective experience of time.

The main presentation will then be followed by a thirty-minute art exhibition featuring thought-provoking pieces that illustrate the malleable nature of human temporality. The event will close with a collection of short research presentations from student participants, followed by a panel discussion concerning further potential interdisciplinary connections between research fields and their respective discussions of time.

This event is hosted by the Illinois Program for Research in the Humanities and supported by the Andrew W. Mellon Foundation.

Main Presenters and Organizers*Unwinding Time and Temporality***Hyun Park**, Senior, English and Psychology, LAS**Henry Yeary**, Junior, English and Psychology, LAS**Victoria Halewicz**, Junior, Psychology, LAS**Presenting Artists***The Universe***"Mandi" Congying Shi**, Senior, Studio Art, FAA**"Mew" Lingjun Jiang**, Senior, Studio Art and Art History, FAA*Portal***Greer Durham**, Sophomore, Painting, FAA

The main presenters and organizers are all IPRH-Mellon Bio-Humanities Undergraduate Interns for 2017-2018.

Main presenters will also be joined by other student presenters.

Living-Learning Communities Researchers Initiative Poster Symposium**Sunday, April 22, 4:00 PM – 6:00 PM**

Pennsylvania Avenue Residence Halls, Multipurpose Room

*Comparing Logit-regressions to ANOVAs in Analyzing Binary Psycholinguistic Data***Christina Chen**, Sophomore, Systems Engineering & Design, ENG**Rohan Dalmia**, Junior, Statistics, LAS*Female Reproductive Hormonal Variation***Kaitlin Kanthac**, Freshman, Mathematics, LAS*Female Reproductive Hormonal Variation (Project 1) and Experiences of Women in Science (Project 2)***Bryana Rivera**, Freshman, Biology, LAS

How does Prescribed Fire Affect the Root Distribution of a Non-native Invasive Grass?

Cary Brandolini, Freshman, Biology, LAS

How Does Prescribed Fire Affect Root Biomass in Shawnee National Forest?

Jiayi Huang, Freshman, Biology, LAS
Benjamin Ray, Freshman, Biology, LAS

"He'll go out of his way to help": Latino Family Members' Role in Children's School Readiness

Amaris Hill, Freshman, Agriculture & Consumer Economics, ACES
Carlos Oliva, Freshman, Actuarial Science, LAS
Jesty Varghese, Sophomore, Molecular & Cellular Biology, LAS

The Link between Contact with Nature and Mildness of Attention Deficit/Hyperactivity Disorder Symptoms: Testing for Urban/Rural Differences

Ashish Pabba, Freshman, Electrical Engineering, ENG
Krishna Vepachedu, Freshman, Physics, LAS

Using Social Media Data to Characterize Wind Damage

Gwendolyn Kramer, Freshman, Civil Engineering, ENG

Investigating the Role of Heme-Copper Oxidase Structure in Catalytic Cellular Activity via Mutagenesis of Myoglobin-Based Enzyme Models

Shehani Gunawardena, Freshman, Biology, LAS

Evaluating Habitat Quality for Shrubland Birds, Arthropods, and Bee Communities in Human-dominated Landscapes

Maria Repiscak, Sophomore, Integrative Biology, LAS

Caught on Camera: Documenting the Nestling Diet of a Grassland Bird of Conservation Concern

Madelyn Wagner, Freshman, Integrative Biology, LAS

Association between Color-Blind Racial Ideology and Engagement in Diversity Education among Police Recruits

Jada Holland, Freshman, Psychology, LAS
Richard Moraga, Molecular & Cellular Biology, LAS
Juhi Shah, Undeclared, DGS

Construction and Validation of the Race-Related Motivated Reasoning Scale

Elizabeth Zelenka, Freshman, Undeclared, DGS

Does Subchondral Bone Thickness Change in Response to Exercise and Postural Differences?

Anna Alvarez, Freshman, Mechanical Engineering, ENG

Calibration of an IMU-based Wearable Motion Analysis System

Apoorva Josyula, Freshman, Computer Engineering, ENG

Consequences of Body Size on Equine Limb Cross-sectional Properties

Nicole Kauffman, Freshman, Animal Sciences, ACES

Daphnia Population Dynamics with Varying Genotypes, Two Food Sources, and Parasites

Cruz Castillo, Junior, Mathematics, LAS

Statistical Analysis and Mathematical Modeling of Host-Parasite Genotype Interactions

Karan Srivastava, Sophomore, Mathematics, LAS

Validation of a Fall Prevention Program among Non-Ambulatory Wheeled Mobility Device Users with Multiple Sclerosis

Grace Ruxlow, Freshman, Biology, LAS

Vicarious Racism in the World of Social Media

Emily Freiburger, Junior, Global Studies, LAS
William McConnell, Junior, Molecular & Cellular Biology, LAS

Investigating Metabolites within Single Brain Cells with MALDI-MS and Immunofluorescence

Rachel Bullock, Freshman, Undeclared, DGS
Srushti Ghone, Freshman, Chemical & Biomolecular Engineering, LAS

*Metabolite and Peptide Profiles of Single Cells within the Pedal Ganglia of *Aplysia californica**

Tanvi Nagarkar, Freshman, Chemical & Biomolecular Engineering, LAS
Huiying Tian, Freshman, Chemistry, LAS

Experimental Investigation of the Impact of Aquatic Vegetation on Erosion and Deposition in Rivers

Elizabeth Ramos, Freshman, Industrial Engineering, ENG
Justin Shen, Freshman, Civil Engineering, ENG

Exploring DISSCO: A Guide for Digital Sound Synthesis and Composition

Hanna Chen, Freshman, Systems & Design Engineering, ENG
Megan Coleman, Junior, Computer Engineering, ENG
Nidhi Dholaria, Freshman, Computer Science, ENG
Jiang Han, Freshman, Mathematics & Computer Science, ENG
Gauransh Tandon, Freshman, Computer Engineering, ENG
Daksh Varshney, Freshman, Computer Engineering, ENG

*Screening of *E.coli* Mutants that are Defective in Growing under Glucose Phosphate Stress Condition*

Velimira Asenova, Sophomore, Molecular & Cellular Biology, LAS
Tanveer Sandhi, Sophomore, Molecular & Cellular Biology, LAS

4th Annual ECON Research Symposium

Thursday, April 26, 5:00 PM – 7:00 PM
David Kinley Hall, Room 123

ILLINOIS Undergraduate Research Week Symposium

April 19
Illini Union

IMAGE OF RESEARCH COMPETITION

On Display 9:00 AM—4:30 PM
Illini Room B

The Image of Research is a multidisciplinary competition celebrating the diversity and breadth of undergraduate student research at the University of Illinois at Urbana-Champaign. All undergraduate students were invited to submit entries consisting of an image and brief text that articulates how the image relates to the research.

Awards:

First prize: \$300

Second prize: \$200

Two honorable mentions

The judges for 2018:

Karen Rodriguez G, PhD, Interim Director, Office of Undergraduate Research

Merinda Kaye Hensley, Associate Professor and Digital Scholarship Liaison and Instruction Librarian, University Library

Sarah Christensen, Visual Resources and Outreach Specialist, University Library

To view past entries, please visit:
<http://imageofresearch.omeka.net/>

The Image of Research is organized by the Scholarly Commons of the University Library and the Office of Undergraduate Research and is supported by a generous gift to the Scholarly Commons from the Division of Intercollegiate Athletics.

The Department of Economics encourages undergraduate students to conduct research or complete an independent study project with faculty to gain a better understanding of economic concepts and add to their experience for a future career or graduate studies. The Symposium allows students to showcase the projects they have worked on during the academic year.

College of Media Undergraduate Research Symposium

Friday, April 27, 1:30 PM – 3:00 PM

Gregory Hall, Room 122 (Communications Library)

Telepresence in Virtual Reality (VR) Branded Content: Does Device Matter?

Aparna Sivasanka, Senior, Advertising, COM

Julia Szumny, Senior, Advertising, COM

Nostalgia and Advertising

Natalie Ang, Senior, Advertising, COM

The Ambiguous, the Invisible, and the Erotic: Discovering Sexuality in Buffy the Vampire Slayer

Raynah Unes-Reid, Junior, Media & Cinema Studies, COM

VAA: Research and Consumer Behavior

Yutong Wang, Junior, Advertising, COM

Obamacare in Central Illinois: A Fragile Future

Jessica Bursztyns, Senior, Journalism, COM

Trust as Expressed between Visually Impaired Alpine Skiers

Ryan Wilson, Senior, Journalism, COM

Untitled

Vignesh Sivaguru, Junior, Political Science, LAS

ORAL PRESENTATIONS AND PERFORMANCES

Environmental Sustainability

9:15 AM – 10:15 AM, Room 209

Mapping Social Values and Landscape Metrics in US and Australian Protected Areas

Dana Johnson, Senior, Natural Resources & Environmental Sciences, ACES

The Challenges of Integrating Urban Water and Energy Data

Allisa Hastie, Sophomore, Civil Engineering, ENG

Reduced Stomatal Density for Higher Water Use Efficiency in Sorghum

Anna Dmitrieva, Sophomore, Integrative Biology Honors, LAS

Mapping Technology

9:15 AM – 10:15 AM, Room 215

Camera-Robust Visual Map Building and Localization

Max Feinberg, Senior, Aerospace Engineering, ENG

Video As a Sensor: From Discovery to Applications

Kyle Begovich, Sophomore, Mathematics & Computer Science, LAS

Food and Human Health

9:15 AM – 10:15 AM, Room 404

Dietary Fatty Acids and Lipid Profiles in a Cohort of Young Adults

Rebecca Jung, Senior, Food Science & Human Nutrition, ACES

Relationship of Body Mass Index, Physical Activity, and Sleep with Eating While Bored: A Post Hoc Analysis of Healthy Young Adults

Emily Schierer, Senior, Integrative Biology, LAS

Food Insecurity Obesity Paradox and Energy Density

Payton Walters, Junior, Molecular & Cellular Biology, LAS

Race, Society & the University

9:15 AM – 10:15 AM, Room 406

Black Student History Recovery Project

Terrell Spurlock, Junior, History, LAS

Dimitri Love, Sophomore, History, LAS

Donti Winslow, Junior, History, LAS

The Impact of a Black and Latino Male Diversity Learning Program at a Midwestern Public Research Institution

Jacob Reed, Senior, African American Studies, LAS

Backlash and Admiration from Racial In-Groups as a Result of Counter-Stereotypical Success

Eboni Bradley, Senior, Psychology, LAS

Social Media and User Experience

9:15 AM – 10:15 AM, Room 407

Media Content Creation for a Social World

Brandon Blunk, Senior, Recreation, Sport & Tourism, AHS

The Effects of Digital Learning Environments in Middle School Science Classrooms

Bridget Berger, Freshman, Elementary Education (Grades 1-6), EDU

Lee Sun Chung, Freshman, Learning & Education Studies, EDU

Exploring the Effects of Social Media on Marketing World

Arsheem Kanji, Freshman, Political Science, LAS

Stress and Student Life

9:15 AM – 10:15 AM, Room 314A

Academic Stress and Study Habits

Elizabeth Prete, Senior, Sociology, LAS

Optimizing the Presentation Format of Biofeedback Assisted Relaxation Training

Hannah Kim, Junior, Elementary Education (Grades 1-6), EDU

Chuhan Yu, Freshman, Learning & Education Studies, EDU

Acceptability of Yoga for Managing Anxiety in College Students

Janell Ross, Senior, Community Health, AHS

Brain Functions

10:45 AM – 11:45 AM, Room 209

Event-Related Brain Potentials Reveal Differential Task Dependency of Semantic Processing Across Parafoveal and Foveal Vision

Melissa Coffel, Senior, Psychology, LAS

Co-Registration of Event-Related Brain Potentials and Pupillometry During Language Comprehension

Melissa Coffel, Senior, Psychology, LAS

MIT vs. Situated Register: A Discourse Analysis of Prosody in Clinical Settings

Regan Kelley, Senior, Speech & Hearing Science, AHS

Andrea Jachino, Senior, Speech & Hearing Science, AHS

Conflict and Society

10:45 AM – 11:45 AM, Room 215

An Analysis of the Roman Slave System after the Third Servile War (Spartacus)

Brendan Labbe, Sophomore, Classics, LAS

An Analysis of Relationship Extraction Algorithms and Their Application to Civil War Political Dyad Creation

John Carter, Senior, Physics, LAS

The Ukrainian Civil War's Impact on Development and Food Security

John Hall, Junior, Global Studies, LAS

Education and Inequality

10:45 AM – 11:45 AM, Room 404

*Pre-School Preparation for Low-Income Families***Demeisha Carlton**, Senior, Social Work, SSW*Association Between Maternal Education and Inappropriate Nutrition Practices among WIC Participants***Nancy Perez-Flores**, Senior, Social Work, SSW*Seeing Them Through: Black Male Attrition in Higher Education***Steven Waddell**, Senior, Learning & Education Studies, EDU**Memory and Learning**

10:45 AM – 11:45 AM, Room 406

*Relational Memory and Mnemonic Discrimination Are Differentially Associated with Body Composition in Adults***Ashley Kaper-Tucker**, Senior, Psychology, LAS*Long Short Term Memory Neural Networks for Sarcasm Detection***Aidan San**, Sophomore, Computer Science & Linguistics, LAS*ADHD and Working Memory***Patricia Ebersold**, Junior, Community Health, AHS**Mental Health**

10:45 AM – 11:45 AM, Room 407

*Lifetime Adversity, the Accuracy of Cognitive Appraisals, and Depression in Adolescent Girls***Divya Surabhi**, Senior, Psychology, LAS*A Genetically Informative Study of Neuroticism and the Parent-child Relationship***Susana Sosa**, Senior, Human Development & Family Studies, ACES*Culture and Mental Health Utilization among African-Americans***Nakia Brown**, Senior, Community Health, AHS**Race, Culture, and Resistance**

1:45 PM – 2:45 PM, Room 209

*A Comparative Analysis of Black Studies Engagement with the Black Power Movement and Black Lives Matter Movement***Karen Olowu**, Senior, African American Studies, LAS*Analysis of Syllable Oddball Test Data on Reading Disabled Children***An Zhao**, Senior, Electrical Engineering, ENG*¿Por Qué No Sigue La Lucha? Understanding the Latina/o Educational Pipeline Using Community Cultural Wealth***Moisés Contreras**, Senior, Psychology and Italian, LAS**Cancer Research**

1:45 PM – 2:45 PM, Room 215

*27-Hydroxycholesterol Promotes Breast Cancer Recurrence***Joy Chen**, Freshman, Bioengineering, ENG*Perceived Symptom-Related Barriers to Eating and Associated Quality of Life in Head and Neck Cancer Survivors***Katherine Douglas**, Sophomore, Molecular & Cellular Biology, LAS*The Effect of Cholesterol and Its Metabolites on the Ovarian Tumor Proliferation and Cell Migration***Anna Vardanyan**, Junior, Molecular & Cellular Biology, LAS**Genetics and Human Health**

1:45 PM – 2:45 PM, Room 404

*Diabetes Disparities in Illinois: A Geographic Diagnosis***Taylor Jansen**, Senior, Psychology, LAS*Genetics in the Health of African Americans with Obesity and Ovarian Cancer***Taylor Walker**, Senior, Molecular & Cellular Biology, LAS*TDP-43 Deletion in Testicular Sertoli Cells Leads to Male Infertility***Kaitlyn Campbell**, Senior, Animal Sciences, ACES**Global and Transnational Connections**

1:45 PM – 2:45 PM, Room 406

*Chicago & Cape Town: A Geographic Historiography and Contemporary Analysis***Martha Rubin**, Senior, Geography & Geographic Information Science, LAS*Globalization: U.S. Food and Beverage Advertisements within Jamaica***Ryan Walton**, Senior, Human Development & Family Studies, ACES*Mujeres Hechas De La Noche: The Effects of Sex Tourism and the Hypersexualization of the Afro-Cuban Woman***Lindsey Crudup**, Senior, Sociology, LAS**Machine Learning and Artificial Intelligence**

1:45 PM – 2:45 PM, Room 407

*Connected Cars, Connected Bicycles, and Accident Avoidance***Otto Piramuthu**, Freshman, Computer Science, ENG*Predicting Stock Price Movements from Annual Reports Using Learned Document Embeddings***Daniel Zou**, Sophomore, Computer Science, ENG

Will I get Admitted? Statistical Analysis of Graduate School Admission

Pengyu Chen, Senior, Statistics & Computer Science, LAS

Hao Qiu, Junior, Statistics, LAS

Ruorong Yin, Senior, Statistics, LAS

Organisms and their Environment

1:45 PM – 2:45 PM, Room 314A

Arrested Development: How Common Gut Bacteria Can Influence Host Cell Fate Through DNA Damage

Paul Kaminski, Senior, Biochemistry, LAS

The Impact of Injury on Sap Flow in Pin Oaks (Quercus palustris)

Taskeen Khan, Sophomore, Integrative Biology, LAS

Transcriptional Variation and Partner Quality in the Legume Rhizobia Mutualism

Alex Riley, Senior, Integrative Biology, LAS

Literary Canons

3:15 PM – 4:15 PM, Room 405

Bond Girls

Erin Blaber, Senior, Media & Cinema Studies, COM

Shakespeare and Femininity

Margaret Wolfe, Senior, Advertising, COM

Multicultural Environments and Identity

3:15 PM – 4:15 PM, Room 209

An Exploration of Cultural Influence and Cultural Variability in Remote Multicultural Environments

Bridget Regan, Senior, Human Development & Family Studies, ACES

Tutor Talk Matters: Motivational Scaffolding and the Chinese International Second-Language Writer

Sarah Patrick, Sophomore, Creative Writing, LAS

What Are the Impacts of Chinese International Students Involvement in Chinese Student Organizations (CSOs) and Non-CSOs on their Academic and Social Life at UIUC

Tingting Rui, Sophomore, Learning & Education Studies, EDU

Body and Movement

3:15 PM – 4:15 PM, Room 215

Construction of an Artificial Knee Simulator

Sam Goldsmith, Senior, Mechanical Engineering, ENG

Designing for Efficacy: Breaking Down the User Interface of Biofeedback Therapies

Zhaoyuan Su, Junior, Architectural Studies, FAA

Invisible Injuries: Examining the Effect Recurring Concussions Have on Depressive Symptoms in Collegiate Athletes

Belinda A Grant, Senior, Psychology, LAS

Contextualizing Difference

3:15 PM – 4:15 PM, Room 404

An Unnatural and Detestable Crime: Accusations of Sodomy in the British Royal Navy, 1680-1830

Mary Schiavone, Senior, English and History, LAS

James Bond: How History Has Shaped 007

Dylan San Roman, Junior, Journalism, COM

Tanzaki's Naomi, Nabokov's Lolita, and Naomi's Lolita: Exoticism of a New Era

Lingjun Jiang, Senior, Art History, FAA

Food and Nutrition

3:15 PM – 4:15 PM, Room 406

Social Marketing Campaign to Promote Healthy Eating within a Store in Champaign County, Illinois

Zainab Alaka, Senior, Community Health, AHS

The Impact of Meal Timing on the Food Insecurity Obesity Paradox

Chanyoung Choi, Junior, Molecular & Cellular Biology, LAS

The Relationship of Eating Behavior and Food Intake Recall

Frederick Yang, Senior, Food Science & Human Nutrition, ACES

Technology and Innovation

3:15 PM – 4:15 PM, Room 407

Exploring DISSCO: A Guide for Digital Sound Synthesis

Megan Coleman, Junior, Computer Engineering, ENG

Nidhi Dholaria, Freshman, Computer Science, ENG

Han Jiang, Freshman, Mathematics & Computer Science, LAS

Hanna Chen, Freshman, Systems Engineering & Design, ENG

Safety Head Gear

Ishaan Thakur, Freshman, Industrial Engineering, ENG

Sanat Pandey, Freshman, Electrical Engineering, ENG

Testing the Future: Synthesizing Large-Scale SDN Workloads

Isabella Lee, Sophomore, Computer Science, ENG

Marginalized Medicine

3:15 PM – 4:15 PM, Room 314A

Active Families, Healthy Families: Adapting Physical Activity Lessons of a Hispanic Health Program

Stephanie Gil, Senior, Community Health, AHS

An Inquiry into the Ethical Implications of the Portrayal of Mental Illnesses in Video Games

Brittany Lundberg, Junior, English, LAS

The Transformation of Midwifery and Politics in the United States during the 20th Century

Meghan McCoy, Senior, English, LAS

POSTER SESSIONS

PA SESSION – SCIENCE AND MATHEMATICS

9:00 AM – 10:15 AM, Illini Room A

An Investigation of the Accuracy of CIGALE SED Galaxy Property Calculations when Range of Wavelengths Included is Varied

Brooke Polak, Senior, Engineering Physics, ENG

Application of Automatic Speech Recognition Technology for Dysphonic Speech Assessment

Hannah Li, Junior, Speech & Hearing Science, AHS

Emily Heuck, Junior, Speech & Hearing Science, AHS

Emily Demick, Junior, Speech & Hearing Science, AHS

Theresa Murphy, Junior, Speech & Hearing Science, AHS

Cancer Neoantigens as Targets for T-Cell Responses

Abigail Brown, Junior, Molecular & Cellular Biology, LAS

Characterization of the Microorganism Related to the Pulmonary Fibrosis

Yudong Ren, Senior, Molecular & Cellular Biology, LAS

Characterizing Sulfolobus Spindle-shaped Viruses from Yellowstone National Park and Mutnovskiy Volcano

Joseph DeMuro, Junior, Molecular & Cellular Biology, LAS

Controllable Local Loss in a Non-Hermitian Quantum System

Samantha Lapp, Senior, Engineering Physics, ENG

Detection of Acetylcholine Using Modified Electrodes

Sidrah Ahmed, Senior, Chemistry, LAS

Detection of Neuropeptides in Cellular Release via Mass Spectrometry

Ashley Lenhart, Senior, Chemistry, LAS

Determining the Effects of PTB Ablation in Mouse Sertoli Cells on Fertility

Danielle Yee, Sophomore, Molecular & Cellular Biology, LAS

Determining the Relationship Between hnrNP1 and Colorectal Cancer

Wesley Tung, Junior, Molecular & Cellular Biology, LAS

Developing Transfer Matrix of LP Modes of an Optical Fiber Using SLM

Hyeon-Seo Yun, Junior, Engineering Physics, ENG

Oliver Wang, Junior, Engineering Physics, ENG

Oscar Araiza Bravo, Senior, Engineering Physics, ENG

Differential Behavior of Porcine Mesenchymal Stem Cells from Bone Marrow and Adipose During Osteogenic Differentiation on a Glycosaminoglycan Hydrogel Scaffold for Bone and Cartilage Tissue Engineering

Sarah Womack, Senior, Molecular & Cellular Biology, LAS

Effects of Circadian Disruption on Spermatogenesis in Long-Evans Rats

Haley Penkala, Sophomore, Molecular & Cellular Biology, LAS

Effects of Left vs. Right Temporal Lobe Epilepsy on the Reproductive System

Lillian Scanlon, Senior, Molecular & Cellular Biology, LAS

Effects of Obesity and Type of Diet on the Morphology of Intestinal Epithelial Tissue

Shovik Patel, Junior, Molecular & Cellular Biology, LAS

Evaluating Loss of Motility in Tomato-Infecting Xanthomonas Strains

Tanvi Majumdar, Sophomore, Natural Resources & Environmental Sciences, ACES

Examining the Interaction Between Chlorpyrifos Toxicity and Circadian Disruption in a Rodent Model

Kai Kobayashi, Senior, Animal Sciences, ACES

Margaret Richards, Senior, Animal Sciences, ACES

First Principles Magneto-Optical Kerr Effect (MOKE) Calculations in High Neel Temperature Antiferromagnetic Materials

Krithik Puthalath, Senior, Materials Science & Engineering, ENG

GABA Detection with Nano-ITIES Pipette Electrodes

Yuanyuan Wei, Senior, Chemistry, LAS

Pitchaya Vitthicharoenpaisarn, Senior, Chemistry and Molecular & Cellular Biology, LAS

Glioblastoma Tumor Model to Analyze the Mechanisms of Resistance to Chemotherapy

Gabrielle Wolter, Senior, Bioengineering, ENG

*Influence of Aquatic Habitat Quality on Seasonal Diapause Induction in *Culex pipiens**

Erica Hernandez, Senior, Integrative Biology, LAS

Investigating Astrocyte-Specific Expression of Opsins via Co-injection of GFAP-GFP-Cre and Opto- α 1AR Viruses

Natalia Wojnowski, Senior, Molecular & Cellular Biology, LAS

*KIT Gene is a Candidate for Georgian White Coat Color in Red Foxes (*Vulpes vulpes*)*

Grace Lee, Senior, Animal Sciences, ACES

Mathematical Model of Gender Bias and Homophily in Professional Hierarchies

Grace Sun, Senior, Engineering Physics, ENG

Alan Zhou, Sophomore, Civil Engineering, ENG

Patrick McMahon, Junior, Computer Engineering, ENG

Modifying the Lac Operon for its Incorporation into a Bacterial Toxin-Based Drug Delivery Vehicle

Robin Dean, Senior, Molecular & Cellular Biology, LAS

*Novel Mechanism of *Bacillus anthracis* Escape from Infected Immune Cells*

Aleyna Brunner, Junior, Integrative Biology, LAS

*Nuclear Localization of *Campylobacter Jejuni* Cytolethal Distending Toxin*

Michael Cunningham, Junior, Molecular & Cellular Biology, LAS

Physiochemical Drivers of Variation in Grass-Invasion Impacts on Soil Carbon Cycling

Delaney Demro, Senior, Natural Resources & Environmental Sciences, ACES

Porous Silicon: a Diverse Scaffold for Optical Devices

Matthew Clawson, Junior, Materials Science & Engineering, ENG

Retrospective Chart Review of Neurocysticercosis Characteristics in Lima, Peru

Jocelyne Lopez, Senior, Human Development & Family Studies, ACES

Sedimentology of Pennsylvanian Robinson Sandstone in Crawford County, IL

Angela Fiorito, Senior, Geology, LAS

Striatal Transcriptome of a Mouse Model of ADHD Reveals a Pattern of Synaptic Remodeling

Anastasia Sorokina, Senior, Molecular & Cellular Biology, LAS

*The Dilemma of Delineation: A Species Level Analysis of *Penicillium* Section *Aspergilloides**

Joseph Hindi, Junior, Molecular & Cellular Biology, LAS

The Economic Value of Solar Photovoltaic Electricity in the US Midwest

Camille Farruggio, Junior, Engineering Physics, ENG

The Effect of Pro-Inflammatory Cytokine Stimulation on Astrocyte Chemokine Production

Claire Walsh, Junior, Animal Sciences, ACES

The Effects of Stress on Memory and Inflammation in the Mice Model

Yolonda Bradshaw, Senior, Animal Sciences, ACES

*The Function of SoxNeuro in the Development of *Drosophila* Optic Lobe Medulla*

Tongyu Zhang, Senior, Molecular & Cellular Biology, LAS

The Upper-respiratory Infection Impedes the Remyelination Potential

Ye Wool Kim, Senior, Animal Sciences, ACES

Total Protein Assay as a Step in Peptidomics Analytical Frame Work

Rohi George, Junior, Chemistry, LAS

Transverse-Mode Stimulated Emission Tomography of a Fiber Photon-Pair Source

Oscar Araiza-Bravo, Senior, Engineering Physics, ENG

Hyeon-Seo Yun, Junior, Engineering Physics, ENG

Oliver Wang, Junior, Engineering Physics, ENG

Understanding the Human AUTS2 Syndrome Using a Mouse Mutation 16Gso

Sydney Luu, Junior, Molecular & Cellular Biology, LAS

PB SESSION – EDUCATION, SOCIAL SCIENCES, AND HUMAN BEHAVIOR

9:00 AM – 10:15 AM, Illini Room C

A Dispositional View of Self-Confidence

Asura Osborne, Senior, Psychology, LAS

A Systematic Review of Forensic Interviewers Protocols

Jenna Mathews, Sophomore, Social Work, SSW

An Educational Study of What-If Worlds Through Minecraft Modding

Philip Park, Junior, Mathematics, LAS

Black Men Love: Hypermasculinity Challenged in Tongues Untied and Paris is Burning

Elizabeth Schindler, Junior, English, LAS

Child Exposure to Intimate Partner Violence

Claudia Ladzik, Senior, Human Development & Family Studies, ACES

Hannah Wright, Junior, Human Development & Family Studies, ACES

Paige Vande Vusse, Sophomore, Human Development & Family Studies, ACES

Delaney Walsh, Junior, Human Development & Family Studies, ACES

Comparative Study of Chinese International Student in American and Taiwanese Universities

Cora Low, Senior, Anthropology, LAS

Cultural Sensitivity for Latina/o Youth in Afterschool Programs

Crystal Moreno-Garcia, Junior, Animal Sciences, ACES

Do Parents' Socialization Goals Influence How They Respond to Children's Performance?

Raees Meghani, Senior, Psychology, LAS

Effects of Spokesperson's Attractiveness and Social Dominance on Persuasion

Morgan Leopold, Senior, Advertising, COM

Qing Qing Natalie Ang, Senior, Advertising, COM

Olivia White, Senior, Advertising, COM

Four Dead in Ohio

Claudia Piowarczyk, Sophomore, History, LAS

Investing in Service: Professionalization Effects on the Provision of Constituent Service

Thomas Dowling, Senior, Political Science, LAS

Non-industrial Private Forest Landowners Management Process: A Qualitative Study about Goals, Direction, and Opportunities

Kealie Vogel, Junior, Natural Resources & Environmental Sciences, ACES

Perceptual Confusion in Vowels Produced by Speakers with Dysphonia

Alison DeLuca, Junior, Speech & Hearing Science, AHS

Alexandra Nowak, Junior, Speech & Hearing Science, AHS

Jillian Atkenson, Junior, Speech & Hearing Science, AHS

Personality's Role in the World's Greatest Deliberative Body- How the Big Five Drive the Rise of U.S. Senators to Party Leadership

Matthew Rice, Junior, Political Science, LAS

Racial Bias in Sentencing and Courts

Kanishk Patel, Senior, Political Science, LAS

Stereotype Threat Within Political Participation

Cristina Marila, Freshman, Political Science, LAS

Telepresence in Virtual Reality (VR) Branded Content: Does Device Matter?

Aparna Sivasankaran, Senior, Advertising, COM

The Cross-linguistic Interpretation and Use of the Count/mass Distinction

Anqi Hu, Senior, Linguistics, LAS

The Differential Effect of Prestige on Individual Corruptive Tendencies

Yiwei Zhang, Senior, Psychology, LAS

The Importance and Growth of Handwriting for Children

Jordan Ginsburg, Senior, Human Development & Family Studies, ACES

The Labels and Policies of Green Political Parties

Sowmiya Raju, Sophomore, Global Studies, LAS

The Relationship Between Attachment and Emotion Regulation with Consideration of Context

Madeline Johnson, Senior, Psychology, LAS

The Role of Chinese and American Parents' Responses to Children's Performance

Dahlia Alfaro, Senior, Psychology, LAS

When Intuitions Fail Us: The Conflict Between Formal Knowledge and Embodied Experience

Ryan Lin, Junior, Engineering Mechanics, ENG

Patrick Kwon, Junior, Engineering Physics, ENG

Demographics in Bond Sentencing in Domestic Violence Court

Jason Chang, Freshman, Systems Engineering & Design, ENG

Congressional Careers

Yanina Villagomez, Sophomore, Political Science, LAS

PC SESSION – HEALTH AND WELLNESS

9:00 AM – 10:15 AM, South Lounge

A Content Analysis of Food and Beverage Advertising On Children's Television: Focus On Health Persuasion Techniques

John Balch, Senior, Advertising, COM

A Novel Approach to Assess Muscle Mass: Verbal Fluency Tests

Sonia Cabrera, Junior, Community Health, AHS

A Silent Culprit: The Impact of Parental Stress on Children's Health

Yujin Lee, Junior, Bioengineering, ENG

Angelica Cabrera, Senior, Psychology, LAS

Automatic Speech Analysis and Vowel Confusion in Dysphonic Speech

Monique Martinez, Junior, Speech & Hearing Science, AHS

Daina Polikaitis, Junior, Speech & Hearing Science, AHS

Charity Care Reimbursement

Gianna Gradowski, Sophomore, Community Health, AHS

Jane Johnsey, Freshman, Community Health, AHS

Amaan Khan, Junior, Community Health, AHS

Zayna Jan, Junior, Community Health, AHS

Development of Automatic Speech Analysis Tool for Measuring Intelligibility of Dysphonic Speech

Lauren Kaiser, Junior, Speech & Hearing Science, AHS
Marissa Happ, Junior, Speech & Hearing Science, AHS
Teksong Eap, Junior, Speech & Hearing Science, AHS

Do Bedtime Stories Fight Obesity?

Grace Lupo, Senior, Food Science & Human Nutrition, ACES
Rachel Sachs, Sophomore, Food Science & Human Nutrition, ACES
Abigail Olmstead, Junior, Food Science & Human Nutrition, ACES

Effects of Exercise on Immune Responses to Vaccination in Chronically Stressed Mice

Selena Wang, Sophomore, Health Sciences, Interdisciplinary, AHS
Julia Beck, Sophomore, Molecular & Cellular Biology, LAS

Factors Associated with Arousal and Anxiety in Parkinson's Disease Patients During Postural Tasks

Rongyi Sun, Senior, Molecular & Cellular Biology, LAS

From the Ground Up: Promoting Root Vegetable and Legume Consumption among Hispanic Families

Brenda Munguia, Junior, Community Health, AHS

Impact of Age-related Hearing Loss on Strategic Attention

Stephany Burz, Senior, Psychology, LAS
Lauren Kaiser, Junior, Speech & Hearing Science, AHS

Ineffective Bedtime Routines are Associated with Higher BMI Percentiles

Paulina Cygan, Junior, Biology, LAS
Ana Tovar, Junior, Human Development & Family Studies, ACES

Initial Insights on the Barriers to Employment for Previously Incarcerated Individuals and Individuals Who Have Aged out of Foster Care

Kristi Escobar, Sophomore, Kinesiology, AHS
Alexis Koronkiewicz, Sophomore, Kinesiology, AHS

Lutein Across the Lifespan

Madison Podjasek, Junior, Kinesiology, AHS
Ethan Rocha, Junior, Kinesiology, AHS

Relationships Between Fatty Acids Intake and Mood and Mental Health in Adults

Megan Reingold, Senior, Food Science & Human Nutrition, ACES

Relationships Between Hepatic Steatosis and the Gastrointestinal Microbiota

Alice Pen, Senior, Molecular & Cellular Biology, LAS

The Effect of Dysphonia, Age, and Gender on Automatic Speech Transcription

Megan Carrigan, Junior, Speech & Hearing Science, AHS
Elizabeth Foster, Junior, Speech & Hearing Science, AHS

The Health Status of Illinois Counties With and Without Hospitals

Kaitlyn Clark, Junior, Community Health, AHS
Sarah Cavanaugh, Freshman, Community Health, AHS
Emily Sandoval, Junior, Community Health, AHS
Lauren Mcguire, Junior, Community Health, AHS

The Relationship Between Bristol Stool Scale Scores and Fecal Microbiota Composition

Artiom Veller, Junior, Molecular & Cellular Biology, LAS

Variability in Eating Frequency is Associated with the Human Gastrointestinal Microbiota

Elana Benishay, Senior, Food Science & Human Nutrition, ACES

We Are Family: Understanding the Relationship Between Latino Families and Mealtime Routines

Sam Hinton, Senior, Community Health, AHS
Nataly Quito, Junior, Human Development & Family Studies, ACES

XPO-1 Interaction With KPNA-2 Confirmed Using Co-Immunoprecipitation in ER₊ (+) Breast Cancer Cells and Interaction Increased With Tamoxifen Treatment

Ozan Imir, Senior, Molecular & Cellular Biology, LAS

PD SESSION – SCIENCE AND MATHEMATICS

10:45 AM – 12:00 PM, Illini Room A

A Novel Insulin-like Growth Factor 2 Mutation in Mice Increases Body and Tissue Weights

Meagan Karuhn, Senior, Animal Sciences, ACES

Analyzing Inclusion Criteria of 7000 Cochrane Systematic Reviews

Xiaoru Dong, Senior, Statistics, LAS
Jingyi Xie, Junior, Statistics, LAS

Anion Concentrations Across a Deep Vadose Zone, Eel River Critical Zone Observatory, Northern California

David Raynes, Junior, Geology, LAS

Automated Ki-67 Scoring and Correlation with IR-based Digital Histopathology

Angela Lee, Sophomore, Computer Science, ENG

Cdca5: Notch your Average Protein

Abby Gaffner, Junior, Molecular & Cellular Biology, LAS

*Characterization of S-layer Deficient Mutants in Sulfolobus islandicus***Rebecca Wipfler**, Junior, Molecular & Cellular Biology, LAS*Degenerate Diffusions on Carnot Groups***Rizhao Qiu**, Freshman, Mathematics, LAS*Determining the Structure of a Mutant Cytochrome c Peroxidase that Mimics the Active Site of a Heme-Copper Sulfite Reductase***Annika Lee**, Junior, Chemistry, LAS*Development of a Dual-Analyte Probe for Ischemia-Reperfusion Monitoring***Zhouyang Zhu**, Junior, Biochemistry, LAS*Effects of Bisphenol-A and Methoxychlor on the Development of Xenopus laevis Primordial Germ Cells***Hajera Afreen**, Sophomore, Molecular & Cellular Biology, LAS*Effects of Dopaminergic Drugs on the Attention and Impulsive Behavior of Developmental Methamphetamine Exposed Sprague-Dawley Rats***Fiona Kuo**, Junior, Animal Sciences, ACES*Effects of Omega Three Fatty Acids and Neuronal Cooling in Lessening the Severity of Altered Structural Properties of Cortical Neurons due to Traumatic Brain Injury***Sai Susmitha Ravi**, Junior, Molecular & Cellular Biology, LAS*Effects of Silanol Density of Titanium Metal Oxide Catalysts on Rates and Selectivities for Alkene Epoxidation***Alayna Johnson**, Sophomore, Chemistry, LAS*Event-Related Brain Potentials Reveal Differential Task Dependency of Semantic Processing Across Parafoveal and Foveal Vision***Melissa Coffel**, Senior, Psychology, LAS*Expanding the Genetic System of Hyperthermophilic Archaeon Sulfolobus acidocaldarius***Serina Taluja**, Junior, Molecular & Cellular Biology, LAS*From the Visible to the Invisible: Patterns of Parasitism in Illinois Birds***Krti Tallam**, Junior, Natural Resources & Environmental Sciences, ACES*GOS2: Establishing a Role in Breast Epithelial Differentiation and Cancer***Emma Khan**, Junior, Molecular & Cellular Biology, LAS*Generating Language on Twitter***Srivathsan Subramanian**, Sophomore, Statistics, LAS**Prajakti Jinachandran**, Sophomore, Mathematics & Computer Science, LAS**Jayanti Supransh Murty**, Freshman, Computer Engineering, ENG**Ho Yin Au**, Senior, Mathematics & Computer Science, LAS*Hippocampally Mediated Viewing is Critical for our Ability to Discriminate Between Similar Relational Memory Representations***Cagla Unal**, Senior, Molecular & Cellular Biology, LAS*Impacts of Circadian Disruption on Estrous Cyclicity and Folliculogenesis in the Female Rat***Angel Chu**, Senior, Molecular & Cellular Biology, LAS*Importance of Solar & Renewable Energy in Illinois & United States: Modeling, Prediction, & Management***Jose Bucio**, Senior, Agricultural & Biological Engineering, ACES*Influence of Hypothalamic Input on Pituitary Stem Cell Proliferation and Differentiation***Richard Gonigam**, Junior, Molecular & Cellular Biology, LAS*Ion Irradiation Simulations to Study Quantum Dot Formation in III-V Semiconductors***Michael Toriyama**, Junior, Materials Science & Engineering, ENG*Larger Horses Use More Extended Fetlock Postures than Smaller Horses***Rebecca Vining**, Junior, Anthropology, LAS*Lipid-Protein Binding of PH Domain Containing Proteins***Lucy Yao**, Senior, Molecular & Cellular Biology, LAS*Mice Lacking ISG15-Specific Deubiquitinase USP18 Exhibit Autoinflammation and Dysregulation of Circulating Chemokines***Katrina Gerhard**, Junior, Molecular & Cellular Biology, LAS*Characterization of the Chromosomal Cohesion Dynamics and Regulation***Viraat Goel**, Junior, Bioengineering, ENG*Molecular Analysis of Replication Protein A Subunits 2 and 3***Eldes Fatima**, Senior, Molecular & Cellular Biology, LAS*Petrogenetic Relationship Between Mafic Enclaves, the Alta Stock and Dikes in Albion Basin, Utah***Yunhe Cui**, Senior, Geology, LAS*Preparation of Photoluminescent Porous Silicon Nanoparticles for Biological Applications***Andrea Perry**, Sophomore, Materials Science & Engineering, ENG*Role of MALAT1 In Regulating the Alternative Splicing of Genes Involved In Tumor Progression and Angiogenesis***Sri Kondabattula**, Senior, Molecular & Cellular Biology, LAS

*Rusc Protein Family Localization in Early Xenopus Embryos***Rahul Maini**, Sophomore, Molecular & Cellular Biology, LAS*Searching for Gravitationally Lensed Blazars with DES, SPT, and Radio***Alexander Navarre**, Senior, Physics, LAS*Simultaneous Monitoring of Acetylcholine Release from Cultured Aplysia californica using Amperometric Measurement and Intracellular Recording of Action Potential***Miwei Hu**, Senior, Chemistry and Molecular & Cellular Biology, LAS*Structure and Function of a Head-to-middle Cis-prenyltransferase: Isosqualavandulyl Diphosphate Synthase***Jianan Zhang**, Senior, Molecular & Cellular Biology, LAS*The Effect of Zinc on the Differentiation of Adipose-derived Stem Cells (ASC) into Osteoblasts***Joshua Bertels**, Senior, Molecular & Cellular Biology, LAS*Validating a Theoretical Forearm Protonation and Supination Task***Jessica Wcislo**, Senior, Molecular & Cellular Biology, LAS**Joseph Nangachiveettil**, Senior, Psychology, LAS*Sediment Characteristics of Biogenic Sand Dunes on Kiritimati Island, Kiribati***Nikolas Merten**, Sophomore, Earth, Society & Environmental Sustainability and Political Science, LAS*Analyzing the Effect of Climate Change on Atmospheric Rivers***Robert Filipiuk**, Freshman, Aerospace Engineering, ENG*How can Endolysins Improve Cheese Safety?***Meher Jain**, Freshman, Chemical & Biomolecular Engineering, LAS*Phosphoinositide Binding of PH Domain-Containing Proteins***Ryan Emmanuel**, Senior, Molecular & Cellular Biology, LAS**PE SESSION – HEALTH AND WELLNESS****10:45 AM – 12:00 PM, Illini Room C***Age Contributions in Exercise Motivation, Regulation, and Behavior***Jordan Barry**, Junior, Molecular & Cellular Biology, LAS*An Examination of Affective Change in the Absence of Physical Sensation***Stephen Koziel**, Senior, Community Health, AHS*Argument Analysis of Alzheimer's Disease Research Papers***Novejot Sandhu**, Senior, Molecular & Cellular Biology, LAS*Biological, Behavioral, Maternal, Paternal and Social Factors Associated with the Telomere Length in Children: A Systematic Review***Elana Zelden**, Senior, Molecular & Cellular Biology, LAS**Chau Pham**, Junior, Molecular & Cellular Biology, LAS*Comparative Analysis of Workflow Management Systems for Production Genomics Analyses***Cynthia Liu**, Junior, Bioengineering, ENG*Demographic Description of Hispanic Immigrants in Rural America***Edmond Kim**, Senior, Statistics, LAS*Does Father Participation Affect Salivary Telomere Length?***Clare Stanhope**, Senior, Community Health, AHS*Effectiveness of Translations of Literal to Visual Methods in the Afro-Centered Abriendo Caminos Program (ACAC)***Gertrude Namara**, Senior, Molecular & Cellular Biology, LAS*Exploring Stress: College Students at Work and Play***Robert Klein**, Senior, Agricultural Leadership & Sciences Education, ACES*Got (breast)milk?***Emma Flosi**, Junior, Food Science & Human Nutrition, ACES**Bianca Oddo**, Senior, Community Health, AHS*Influences of Training on Lower Limb Kinematics of Female Runners***Elizabeth Phillips**, Junior, Anthropology, LAS*Insulin Receptor Substrate 2 is Required for Endometrial Stromal Cell Differentiation***Shreya Singh**, Senior, Molecular & Cellular Biology, LAS*Like Mother, Like Child: Sedentary Behaviors in Hispanic Families***Saray Ocampo**, Junior, Food Science & Human Nutrition, ACES**Ashley Maras**, Junior, Molecular & Cellular Biology, LAS*Migration to the United States: The Association of Acculturation, Depression, and Dietary Patterns***Kimberly Galvez-Ortega**, Senior, Psychology, LAS*P3 from Zzz: The Effect of Sleep Duration on Attention***Justin Lee**, Junior, Biology, LAS*Perceived Weight Classification in Comparison to Calculated Body Mass Index: Familial Trends in Accuracy among Parents and Adolescents***Stacy Chan**, Senior, Food Science & Human Nutrition, ACES

Personality Traits Influence How Individuals with Spinal Cord Injuries Feel during Lower-limb Exercise

Stephanie Alvarado, Senior, Kinesiology, AHS
Katrina Botto, Junior, Kinesiology, AHS

Phonetic Mistakes Made During Speech-In-Noise Test by Tinnitus Patients

Megan Foy, Junior, Speech & Hearing Science, AHS

Relationship Between Multiple Sclerosis and Retinal Health

Nitesh Kumar Kumar, Senior, Kinesiology, AHS
Athina Simotas, Senior, Health Sciences, Interdisciplinary, AHS
Connor Robbs, Senior, Integrative Biology, LAS

Relationship of Eating Awareness and Snacking Behavior: Experimental Evidence among Young Adults

Crystal Lopez, Sophomore, Chemistry, LAS

Relationships Between Sugar Consumption and Depression, Anxiety, and Stress in Adults

Amanda Rhee, Junior, Molecular & Cellular Biology, LAS

The Acute Effects of Intense Interval and Moderate Continuous Exercise on Cognition

Joseph Ritondale, Senior, Kinesiology, AHS

The Incredulity of Contemporary Cardiologists: Integrated Imaging as a Marker for Diagnosing PAD in Preclinical Models

Than Huynh, Junior, Bioengineering, ENG

The Relationship Between Lutein Levels and Body Fat

Marc Sleiman, Sophomore, Molecular & Cellular Biology, LAS

Using Visual Tools to Elicit Patient Perspectives on BMI Screening and Preventive Care: The Young Adult Speaks Project

Devaki Belwalkar, Senior, Food Science & Human Nutrition, ACES
Rachel Song, Senior, Molecular & Cellular Biology, LAS
Rachael Remlinger, Junior, Social Work, SSW

How does Water Access and Purification Strategies Impact Oral and General Health in Low-Income, Rural Honduras?

Ryan Walton, Senior, Human Development & Family Studies, ACES

Who Makes a Better Leader? Male vs. Female Leaders in Healthcare

Gabrielle Adochio, Senior, Community Health, AHS
Erin Dolan, Junior, Community Health, AHS
Jessica Lee, Senior, Community Health, AHS

PF SESSION – EDUCATION, SOCIAL SCIENCES, AND HUMAN BEHAVIOR

10:45 AM – 12:00 PM, South Lounge

A Case Study of Political Integration Through Ethnic Entrepreneurship

Nick Thompson, Senior, Anthropology, LAS

A Multi-method Investigation of the Longitudinal Association Between Inhibition Deficits and Depressive Symptoms

Kimberly Galvez-Ortega, Senior, Psychology, LAS

An Examination of NASA Funding: Causal Factors, Funding Trends, and the Implication of These Findings

Kevin Wenzel, Senior, Political Science, LAS

Detection of Fraudulent Astroturf Agents with Natural Language, User Pattern, and Social Network Analysis Over Large Graphs

Austin Chung, Senior, Computer Science & Linguistics, LAS

Distortions in Scientific Literature - A Replication Analysis of Greenberg's Citation Network of 302 Alzheimer's Science Research Papers

Xiaoru Dong, Senior, Statistics, LAS
Tianying Zhou, Senior, Statistics, LAS
Manting Huang, Junior, Statistics, LAS

I Can't Tell You Why, but I Disagree with You: Partisanship and Ideological Constraint

Shawn Kim, Senior, Political Science, LAS

Identifying Post-High School Transition Outcomes for Individuals with Down Syndrome

Melissa Pietrowicz, Junior, Speech & Hearing Science, AHS

Investigating the Relationship Between University Students' Preferences on Studying Environment and Relevant Academic Results Influences

Chon Kit Kuok, Junior, Computer Science, University of Macau

Nostalgia and Advertising

Qing Qing Natalie Ang, Senior, Advertising, COM

A Qualitative Comparison of Factors Affecting Teacher-pupil Interaction between American College Students and Macau College Students

Chi Hou Chao, Junior, Government and Public Administration, University of Macau
Mei Han Kong, Junior, English Education, University of Macau

Strategic Attention in Individuals with Amnesic Mild Cognitive Impairment

Julia Rajan, Sophomore, Psychology, LAS
Andrea Paoella, Junior, Speech & Hearing Science, AHS

Studying Abroad: Increasing Future Educators Opportunities at UIUC

Ellen Reckamp, Freshman, Middle Grades Education (Grades 5-8), EDU
Devon Jackson, Freshman, Elementary Education (Grades 1-6), EDU

Strategies for Supporting Social Inclusion of a Child on the Autism Spectrum in the Classroom

Lauren De Vries, Senior, Speech & Hearing Science, AHS
Emily Heuck, Junior, Speech & Hearing Science, AHS

The Effects of Alcohol Consumption and Ostracism on Interpersonal Distance Choices among Social Drinkers

Kaleigh Wilkins, Senior, Psychology, LAS

The Effects of Home Visiting on Perinatal Depression

Michele Conforti, Junior, Social Work, SSW

The relationship among mathematics anxiety, parental support and peer support in undergraduate students

Ka Fai Leong, Junior, Mathematics, University of Macau

Threat, Deprivation, and Psychological Distress: The Impact of Childhood Adversities Across Family and Community Levels

Kari Thomsen, Senior, Psychology, LAS

Effects of Socioeconomic Background on the Quality of Education Students Receive

Madelyn Matzuka, Sophomore, Psychology, LAS

Investigating the Dialogic Interactions Between Multilingual Students and a Writing Instructor in Higher Education

Xue Yan Chen, Junior, Psychology, LAS

The Politics of Speech: The effect that political candidates' speech patterns have on approval rating

Benjamin Trouvais, Sophomore, Economics and Political Science, LAS

Brand Commitment: Should You Hop on the Bandwagon?

Cara Braasch, Sophomore, Economics, LAS

One Day through Stranger Trauma

Pasqua Ruggiero, Sophomore, Statistics, LAS

The Personalization of Politics

Sanjiv Sarma, Sophomore, Economics, LAS

Featured Presentations

Lunch: 12:00 PM – 1:15 PM, Illini Room B

Trust as Expressed between Visually Impaired Alpine Skiers and Their Guides

Ryan Wilson, Senior, Journalism, COM

Gambling with Gametes: A Tale of Two Toxins

Hajera Afreen, Sophomore, Molecular & Cellular Biology, LAS

Making Art, Making Social Change

Yana Martinez, Junior, Gender & Women's Studies, LAS
Eboni Bradley, Senior, Psychology and Communication, LAS/COM
Mackenzie Schabowski, Sophomore, Gender & Women's Studies, LAS
Jigeesha Ghosh, Sophomore Psychology, LAS
Monisha Roychoudhury, Freshman, Human Development & Family Studies, ACES
Ryan Wilson, Senior, Journalism, COM
Austin Neumann, Junior, Civil Engineering, ENG
Emilie Belluomini, Senior, Psychology, LAS
QingQing Yang, Sophomore, Computer Science & Mathematics, ENG

PG SESSION – SCIENCE AND MATHEMATICS

1:30 PM – 2:45 PM, Illini Room A

Anti-Icing Meter Scale Superhydrophobic Heat Exchangers

Joseph Mayer, Senior, Mechanical Engineering, ENG

Brownian Motion on a CR Sphere

Mingchao Zhang, Sophomore, Mathematics & Computer Science, LAS
Courtney Seckman, Sophomore, Mechanical Engineering, ENG
Hanyu Lu, Junior, Mathematics, LAS
Tianyu Hou, Junior, Mathematics, LAS

Cell Proliferation Rate in Tamoxifen and Selinexor Resistant Cell Lines

Kevin Duong, Junior, Molecular & Cellular Biology, LAS

Constrained Least Square Optimization

Linda Cai, Senior, Computer Science, ENG

*Detection of D-amino Acid-containing Peptides in a Sea Slug (*Aplysia californica*)*

Yuquan Tong, Junior, Chemical & Biomolecular Engineering, LAS

Discovery of Glycocins from Pathway Refactoring

Sherri Ho, Senior, Molecular & Cellular Biology, LAS

*Dissecting the Roles of the Reverse Gyrase topR2 gene in the Hyperthermophilic Archaeon *Sulfolobus islandicus**

Emmy Hallett, Junior, Molecular & Cellular Biology, LAS

EPHA4 is Associated with the Evolution of Hopping Gaits Across Mammals

Max Wei, Sophomore, Molecular & Cellular Biology, LAS

Evolution of Progesterone Withdrawal in Primates

Martin Malik, Junior, Molecular & Cellular Biology, LAS
Priya Karkhanis, Junior, Molecular & Cellular Biology, LAS
Loni Sneed, Senior, Food Science & Human Nutrition, ACES

Examining the Impact of Cytolethal Distending Toxin Mediated DNA Damage

Michidmaa Enkhbaatar, Junior, Molecular & Cellular Biology, LAS

*Golden Ratio Based Partitions of the Integers***Weiru Chen**, Junior, Mathematics, LAS**Jared Krandel**, Sophomore, Physics, LAS

*Instance Selection for Classification Problems***Otto Piramuthu**, Freshman, Computer Science, ENG

*Investigating Eruption Dynamics at Axial Seamount***Blake Spitz**, Senior, Geology, LAS

*Investigating the Role of STEP61 in Regulating the Total and Surface Expression of HCN Channels***Justine Chee**, Junior, Molecular & Cellular Biology, LAS

*Investigation of Splicing Misregulation by Rbfox2 in Myotonic Dystrophy Type 1***Feikai Lin**, Junior, Molecular & Cellular Biology, LAS

*LEED: Where Is It Leading Us and Should We Follow?***Harjot Sidhu**, Sophomore, Architectural Studies, FAA

*Lipid Composition and Macromolecular Crowding Control CYP2J2-Mediated Drug Metabolism in Nanodiscs***Demetrios Maroutsos**, Junior, Molecular & Cellular Biology, LAS

*Loss of the USP18 Gene Causes Tissue Specific Increases in Free and Conjugated ISG15***Mohammad Hosseini-Joujili**, Junior, Molecular & Cellular Biology, LAS

*Militaristic Language Evaluation in Invasive Species Papers***Rachel Janovsky**, Senior, Natural Resources & Environmental Sciences, ACES

*Molecular Dynamics Simulations Reveal the Conformational Heterogeneity of a Strigolactone Receptor in Parasitic Plants***Qihua Chen**, Senior, Materials Science & Engineering, ENG

*Optimizing the Oxygen Reduction Activity of Myoglobin-Based Enzyme Models of Heme-Copper Oxidases Through Site-Directed Mutagenesis***Madeline Sponholtz**, Senior, Biochemistry, LAS

*Reconstitution of the Early Terpenoid-Indole Alkaloid Synthesis Pathway in *Camptotheca acuminata****Layna Henry**, Senior, Molecular & Cellular Biology, LAS

*Sentiment Radicalization in Reddit (*Lucania goodei*)***Nupoor Gandhi**, Sophomore, Computer Science, ENG

*SNAP25 Inspired BoNT Inhibitor***Damee Moon**, Junior, Molecular & Cellular Biology, LAS

*Spontaneous Self-Polarization of Relaxor Ferroelectric PMN-PT in Zero Applied Field***Alexei Grinberg**, Senior, Engineering Physics, ENG

*srRNA Targetome Hunting: in-silico and in-vivo Screening***Benjamin Abraham, Jr.**, Senior, Molecular & Cellular Biology, LAS

*Studies on the Sub-Nuclear localization and Interaction of Cytolethal Distending Toxins in Host Cells***Bryce Hendren-Santiago**, Junior, Molecular & Cellular Biology, LAS

*Synthesis and Biological Testing of a Diverse Compound Library Derived from Lycorine***Amanda Cowfer**, Senior, Molecular & Cellular Biology, LAS

*TDP-43 Knockouts in Testicular Germ Cells - The Stra8 Mouse Line: A Model for Male Infertility***Kathryn Storey**, Senior, Animal Sciences, ACES

*The Effect of Diet and Body Weight on Hippocampal Neurogenesis***Megan Grako**, Junior, Integrative Biology, LAS

*The Effect of Lanthionine Ketimine on CRMP1's Ability to Control Actin Assembly***Ran Yang**, Senior, Molecular & Cellular Biology, LAS

*The Effects of Cholesterol on Extracellular Vesicle Driven Breast Cancer Metastasis***Hannah McDowell**, Senior, Molecular & Cellular Biology, LAS

*The Effects of Two Models of Circadian Disruption on Gene Expression in the Suprachiasmatic Nucleus of Adult Long-Evans Rats***Leonardo Molina**, Junior, Animal Sciences, ACES

*The Infrared-Radio Correlation of Dusty Star Forming Galaxies at High Redshift***Sidney Lower**, Senior, Engineering Physics, ENG

*The Ligand-receptor Interaction of Netrin in Regulation of Axon Targeting in the *Drosophila* Visual System***Shihao Liu**, Senior, Molecular & Cellular Biology, LAS

*The Mathematics of Poker: Extending the Nash-Shapley Model***Tanner Corum**, Sophomore, Actuarial Science, LAS**Haoyu Wang**, Sophomore, Accountancy, BUS**Kevin Grosman**, Freshman, Mathematics, LAS**Ajay Dugar**, Sophomore, Mathematics, LAS

*The Role of Prostaglandins in Inducing Sperm Release and Capacitation of Porcine Spermatozoa***Sara Dochnal**, Senior, Animal Sciences, ACES

*Understanding Human Sorting***Andrew Kuznetsov**, Senior, Computer Science, ENG**PH SESSION – FOOD, PLANTS, AND ANIMALS****1:30 PM – 2:45 PM, Illini Room C***The Underground Kingdom and its Effect on Soil Hydrology***Xihe Xu**, Freshman, Biology, LAS**Maddy Liberman**, Freshman, Natural Resources & Environmental Sciences, ACES*Arthropod Response to a Landscape-Scale Herbicide Experiment: An Exploration of Grassland Birds Prey Base***Rachel Daughtridge**, Sophomore, Natural Resources & Environmental Sciences, ACES*Assessing the Influence of Landowner Attitudes on the Availability and Quality of Amphibian Habitat in Human-Constructed Ponds***Jenna Mattes**, Sophomore, Natural Resources & Environmental Sciences, ACES*Automated Learning in Aquatic Studies***Jake Ritthamel**, Junior, Integrative Biology, LAS*Degradation of Soybean Meal Anti-nutritional Factors via Fermentation with *Aspergillus oryzae* and *Bacillus subtilis****Luke Zimmerman**, Junior, Animal Sciences, ACES*Developing an Effective Feedback of Food Behavior Using Food Frequency Questionnaire***Sinan Cetin**, Senior, Food Science & Human Nutrition, ACES**Jae Kim**, Senior, Food Science & Human Nutrition, ACES*Development of a Long-Term Anesthesia Protocol for Swine***Alyssa Ruston**, Freshman, Animal Sciences, ACES*Development of Best Practices for Feeding and Housing Swine in Biomedical Research***Aisha Qazi**, Senior, Animal Sciences, ACES*Dietary Patterns and Metabolic Syndrome Among Overweight and Obese Adults***Claire Cheng**, Junior, Food Science & Human Nutrition, ACES*Diets High in Fat and Fructose Do Not Lead to Nonalcoholic Steatohepatitis After Three Months in Swine***Emily Tomlin**, Senior, Animal Sciences, ACES*Effect of Beef Heifer Development System on Average Daily Gain, Reproductive Performance, and Longevity in the Herd***Sierra Schreiber**, Senior, Animal Sciences, ACES*Effects of Restraint Stress on the Gut Microbiota and Gut Barrier Permeability in Mice***Avani Patel**, Sophomore, Molecular & Cellular Biology, LAS*Filling in the Gaps: *Clonophis kirtlandii* in Illinois***Tristan Schramer**, Senior, Natural Resources & Environmental Sciences, ACES*Four Structural Variants Associated with Human-directed Sociability in Dogs Are Not Found in Foxes***Estelle Bastounes**, Junior, Agricultural & Biological Engineering, ENG*Habitat Utilization and Ranging Patterns in Adult Mantled Howler Monkeys in Response to Forest Structure and Anthropogenic Disturbance***Kiersten Youngquist**, Senior, Animal Sciences, ACES*How Much Does your Child Really Eat at Daycare?***Allie Ward**, Junior, Kinesiology, AHS**Emily Sandoval**, Junior, Community Health, AHS*Injectable Trace Minerals (Selenium, Copper, Zinc, and Manganese) on Milk Yield Performance After an Aflatoxin Challenge in Multiparous Holstein Cows***Juliette Nye**, Junior, Animal Sciences, ACES*Neuronal and Astrocytic Marker Staining in Piglet Brains for Analysis of Dietary Assessment***Misha Ahmad**, Senior, Global Studies, LAS*Planning a Food Hub in the Upper Sangamon River Watershed***Aaron Gatdula**, Senior, Natural Resources & Environmental Sciences, ACES*Reproductive Worker Honey Bees - Social or Altruistic?***Sarah Bransley**, Senior, Integrative Biology, LAS*Serotonin in the Peripheral Nervous System: A Novel Attentional Mechanism in a Predatory Molluscan Forager***Yichen Liu**, Junior, Molecular & Cellular Biology, LAS**Samantha Haney**, Senior, Molecular & Cellular Biology, LAS**Abby Boris**, Junior, Molecular & Cellular Biology, LAS*Stereological Assessment of Oocyte Recruitment in the Silver Carp (*Hypophthalmichthys molitrix*)***Megan Zurliene**, Senior, Animal Sciences, ACES*The Correlation Between Caffeine and Calorie Intake in Individuals Ages 18-75***Kati Rudin**, Senior (Graduated Fall 2017), Food Science & Human Nutrition, ACES*The Development of the Box***Dylan Rigsby**, Senior, Industrial Design, FAA

The Dilemma of Delineation: A Species Level Analysis of Penicillium Section Aspergilloides

Joseph Hindi, Junior, Molecular & Cellular Biology, LAS

The Effects of Varying Fire Frequencies on a Missouri Ozark Oak-Hickory Forest

Justin Vozzo, Junior, Natural Resources & Environmental Sciences, ACES

The Evolution of GABAergic Motor Neuroanatomy Among Plant-Parasitic Nematodes

Hannah Reed, Senior, Crop Sciences, ACES

The Feeding Fallacy: Does the Dumber of Times You Eat Daily Contribute to Feelings of Anxiety?

Tressa Largent, Freshman, Biology, LAS

Uncovering the Vasopressin Gene in the Red Fox

Jeremy Stutchman, Senior, Animal Sciences, ACES

PI SESSION – EDUCATION, SOCIAL SCIENCES, AND HUMAN BEHAVIOR

1:30 PM – 2:45 PM, South Lounge

An Investigation of Challenges for Special Education Students in Computer Science Classes

Erin Kainrath, Freshman, Special Education, EDU
Grace Goodman, Freshman, Special Education, EDU

Analyzing Consumer Sentiment with Dysfunctional Brand Communities

Bharat Bojja, Freshman, Statistics & Computer Science, LAS

Cooperation with International Environmental Agreements - The Role of Regional Forms of Governance

Gina Gonnella, Senior, Political Science, LAS

Do High School Freshmen Students' Social-Emotional Learning Needs Differ Between Urban and Non-Urban Settings?

Jenna Mathews, Sophomore, Social Work, SSW

Economic Interdependence and Probability of Conflict: Territorial Disputes as a Moderating Factor

Chase Bloch, Senior, Political Science, LAS

Examining the Relationship Between Color-blind Racial Ideology and Servant Leadership in Police Recruits

Sara Groth, Junior, Psychology, LAS

Explicit and Implicit Learning of Verb Bias under Reversal Learning

Chi Tran, Senior, Psychology, LAS

Going Viral: Characteristics of Newsworthy Tweets

Julia Nusgart, Senior, Political Science, LAS

Hierarchical Capture: Bridging the Gap in Analyses of the Bureaucracy

Stephen Duginger, Senior, Political Science, LAS

Impact of Interpersonal Stress on Adolescent Anxiety and Self-Esteem

Daniel Pien, Junior, Psychology, LAS

Impersonal se and Null Subjects in Different Varieties of French

Grace Moran, Junior, Linguistics, LAS

Which School?

Rochanda Phillips Clark, Freshman, Middle Grades Education (Grades 5-8), EDU
Ariel Nix, Freshman, Middle Grades Education (Grades 5-8), EDU

Policy Analysis on Child Disability Rights in Morocco

Misha Ahmad, Senior, Global Studies, LAS

Postpartum Suicidal Ideation Among a Sample of Racially/Ethnically Diverse Women: Need for Socio-Cultural Competency in the Public Health Care System

Kelsey Barnett, Senior, Social Work, SSW

Scientific Illustration in Early Modern Europe

Veronica Severini, Senior, Art History, FAA

The Differences in Teaching/Learning for Private Preschools vs. Public Preschool

Julia Betman, Freshman, Early Childhood Education, EDU
Alexandra Silver, Freshman, Elementary Education (Grades 1-6), EDU

The Impact of the Syrian Refugee Crisis on Immigration Policy in Europe

Reema Ghabra, Senior, Political Science, LAS

The Intergenerational Transmission of Math Anxiety: The Role of the Quality of Parents' Math Homework Assistance

Sahana Moodabagil, Senior, Psychology, LAS

The Unique Relation Between Maltreatment and Persistent Depression: A Longitudinal Study on Emerging Adults

Hailey Hedden, Senior, Psychology, LAS

Training and Coaching Underserved Spanish Speaking Families: Empowering Families and Enhancing Children Communication Skills

Tremaine Harris, Freshman, Middle Grades Education (Grades 5-8), EDU
Alexis Chandler, Freshman, Special Education, EDU

What's Missing in Introductory Family Science Textbooks? A Critical Analysis of the Inclusion of Scientific Methods and Practical Application

Emily Young, Senior, Human Development & Family Studies, ACES
Brianna Baymon, Sophomore, Human Development & Family Studies, ACES

An analysis of How Age Impacts Forensic Interviewing and Interviewing Protocol

Brianna Boynton, Freshman, Global Studies, LAS
Makaila Lozano, Freshman, Undeclared, DGS

PJ SESSION – SCIENCE AND MATHEMATICS

3:15 PM – 4:30 PM, Illini Room A

5-aza Hypersensitivity in Testicular Germ Cell Tumors

Emma Khan, Junior, Molecular & Cellular Biology, LAS
Jennifer Rodriguez, Junior, Molecular & Cellular Biology, LAS

A Catalytic Null Splice Variant of Human Leucyl-tRNA Synthetase with Enhanced Non-Canonical Function

Connor Forsyth, Senior, Molecular & Cellular Biology, LAS

A Cholesterol Metabolite Promotes Breast Cancer Progression via Neutrophil Associated Exosomes

Hannah McDowell, Senior, Molecular & Cellular Biology, LAS

A Multivariate Approach to Understanding the Relationship Between Fat, Brain Health, and Cognitive Abilities

Priscilla Whang, Senior, Psychology, LAS

Almost Beatty Partitions

Xiaomin Li, Sophomore, Computer Science, ENG
Yun Xie, Senior, Mathematics, LAS
Matthew Cho, High School Student

An Algorithm to Categorize Various Types and Levels of Spasticity and Rigidity in the Upper-Arm

Jiahang Liu, Sophomore, Computer Engineering, ENG
Zifei Feng, Sophomore, Computer Science, ENG
Kayla Arquines, Sophomore, Industrial Design, FAA

An Investigation of the Biodistribution of Exosomes using Noninvasive Imaging

Anand Haran, Sophomore, Molecular & Cellular Biology, LAS

An Investigation of the Roles of Structural Elements in Heme-Copper Oxidases Catalytic Activity via Mutagenesis of Myoglobin-Based Enzyme Models

Shehani Gunawardena, Freshman, Biology, LAS

Application of Reduced Order Model for Thermochemical Nonequilibrium in Hypersonic Flows

Ali Lasemi, Sophomore, Aerospace Engineering, ENG

Automata and Space-filling Curves

Ziqin Xiong, Senior, Mathematics, LAS
Ruoyu Meng, Senior, Mathematics, LAS

Characterization of Vacuolating cytotoxin - A Binding to Sphingomyelin in Helicobacter pylori Pathogenesis

Seokjoo Choi, Junior, Molecular & Cellular Biology, LAS

Correlation of Missense Mutations in the Conserved Functional Domains of Kv7.2 with Drug-Resistant Epilepsy and Autism

Rebecca Choi, Senior, Molecular & Cellular Biology, LAS

Deleting Phospholipase D Spo14 Augments Yeast Vacuole Fusion

Sabit Ejub, Senior, Molecular & Cellular Biology, LAS

Developing sRNA Affinity Purification as a Tool for Characterizing RNA Regulation in the Prominent Gut Microbe Bacteroides thetaiotaomicron

Nuraini Aguse, Senior, Molecular & Cellular Biology, LAS

Dietary Fiber Produces IL-1 β DNA Methylation Changes in the Hippocampus of Adult and Aged Mice Stimulated with Lipopolysaccharide

Gabriel Dungan, Senior, Molecular & Cellular Biology, LAS

Dissecting the Crosstalk Between Synapsis Checkpoint Pathway and DNA Damage Checkpoint Pathway in Oocytes

Lois Suh, Junior, Molecular & Cellular Biology, LAS

Dys-1 Mutations Decrease Effectiveness of Dauer Stage Energy Conservation in Caenorhabditis elegans Through Increased Muscle Activity

Charlotte Nawor, Sophomore, Integrative Biology, LAS
Veronika Laird, Sophomore, Integrative Biology, LAS
Skyler Tiarks, Sophomore, Integrative Biology, LAS
Zoe Schnitzler, Sophomore, Integrative Biology, LAS

Effect of Type 1 Diabetes and Aging on Hydroxyapatite Concentration and Elastic Modulus in the Cortical Bone

Eric Michael, Senior, Mechanical Engineering, ENG

Effects of Dim Light at Night and Di-(2-Ethylhexyl) Phthalate on Locomotor Rhythms and Feeding Behavior

Yesha Patel, Junior, Integrative Biology, LAS

Evaluating the Role of Dopamine 2 Receptor in Altered Response Inhibition and Attention Caused by Circadian Disruption

Chi Tran, Senior, Psychology, LAS

Exploration of Physiological Rhythms using Genetic Algorithms

Quinn Gerdes, Junior, Mathematics, LAS
Jingyu Li, Chemical & Biomolecular Engineering, LAS
Yuliang Fan, Sophomore, Mathematics, LAS

Impact of Prescribed Fire on Carbon Cycling

Benjamin Ray, Freshman, Biology, LAS
Jiayi Huang, Freshman, Biology, LAS

Integrated Analysis of Cancer Mutations and Drug-Gene Interactions for Targeted Therapy

Swan Htun, Junior, Engineering Physics, ENG

Investigating Genotoxicity on Intestinal Proliferating Cells

Yingxing Li, Sophomore, Biochemistry, LAS

Investigating Protein Interactions with Zwitterionic Sulfobetaine Polymers

Elizabeth Murphy, Sophomore, Chemistry, LAS

Investigation of Orc6- and ORCA-interacting Proteins

Sneha Adusumilli, Senior, Molecular & Cellular Biology, LAS

Ion Irradiation Treatment for Nanopatterning of Bacteria Nanocellulose for Clinically Advanced Anti-biofouling Surfaces

Josh Devorkin, Junior, Nuclear, Plasma & Radiological Engineering, ENG

Mechanisms Mediating Anxiety and Fall Risk in Previously Obese and Overweight Patients with Osteoarthritis

Josephine Tsang, Junior, Molecular & Cellular Biology, LAS

Mesospheric Na Variability and Dependence on Geomagnetic and Solar Activity Over Arecibo

Khushboo Jain, Senior, Atmospheric Sciences, LAS

Micron Scale Autonomous Machine Built with 2D Materials

Ziran Zhou, Junior, Mechanical Engineering, ENG

Phosphatidylinositol 3,5-bisphosphate: A Molecular Switch of Vacuolar Fusion and Fission

Annie Guo, Senior, Biochemistry, LAS

Practical Implementation of Optimal Reinsurance Under Distortion Risk Measure

Michael Chang Eui Kim, Junior, Mathematics, LAS
Shuyu Guo, Sophomore, Actuarial Science, LAS
Utsav Thota, Junior, Actuarial Science, LAS
Bowen Shan, Sophomore, Actuarial Science, LAS

*Hydrogen Sulfide Production by *Odoribacter splanchnicus**

Loralee Wilson, Senior, Animal Sciences, ACES

Progress Towards the Synthesis and Derivatization of (+)-Lycoricidine and (+)-Narciclasine

Daniel Olson, Junior, Biochemistry, LAS

Self-Esteem in Children and Youth with Dyslexia or Language Impairment

Rachel Thain, Senior, Speech & Hearing Science, AHS
Tess Valente, Senior, Speech & Hearing Science, AHS
Megan Roome, Senior, Speech & Hearing Science, AHS
Sze Lok Alvina Cheng, Senior, Speech & Hearing Science, AHS
Jillian Stassus, Senior, Senior, Speech & Hearing Science, AHS
Abby Seef, Senior, Speech & Hearing Science, AHS

Structural Disorder of a Metallic Glass under Elastostatic Bending

Jeremy Shin, Junior, Materials Science & Engineering, ENG

*Studies on the Requirement of Lysosomal Exocytosis for the Release of Intracellular *Bacillus anthracis* from Infected Macrophages*

Alondra Diaz, Senior, Molecular & Cellular Biology, LAS

Synergistic Effects of High-Fat Diet and DEHP Exposure on Early Fetal Oocyte Development

Tianming You, Junior, Molecular & Cellular Biology, LAS

The Effect of Walking Demands on Accuracy and Brain Activation Levels During the Modified Stroop Task

Devashish Singh, Senior, Biology, LAS

Impact of Pumping on Macronutrient Composition of Human Milk

Autumn Cho, Senior, Biology, LAS

*Understanding the Molecular Mechanism of Polymorphism in *Helicobacter pylori vacA* gene in cytotoxicity*

Shan Shan So, Senior, Biochemistry, LAS

WaggleNet - the Internet of Hives and Beyond

Jimmy He, Junior, Computer Engineering, ENG
Xiaolin Wu, Junior, Computer Engineering, ENG
John Rosales, Junior, Computer Engineering, ENG

Spatial and Temporal Distribution of Microfossils in the Sand Dunes of Kiritimati Island, Kiribati

Valerie Ramirez, Sophomore, Natural Resources & Environmental Sciences, ACES

PK SESSION – HEALTH AND WELLNESS

3:15 PM – 4:30 PM, Illini Room C

An Investigation of the Correlation Between Social Needs and Health Outcomes

Frances Schmidt, Junior, Community Health, AHS
Taylor Peters, Junior, Community Health, AHS
Anusha Subramanian, Junior, Community Health, AHS

Policy Analysis of Illinois Public Act 100-0574?

Samantha Noehre, Junior, Community Health, AHS

*Association Between ASD Risk and Language Abilities in Infants with Down Syndrome***Caylie Kurtenbach**, Senior, Speech & Hearing Science, AHS*Association Between Food Allergy and Microbiome Status in 1-year Old Infants in STRONG Kids 2 Cohort***Yue Qin**, Senior, Food Science & Human Nutrition, ACES*Association Between Prenatal Depression and Visual Recognition Memory in 7½-Month Old Infants***Amanda McKinley**, Senior, Molecular & Cellular Biology, LAS*Association Between Prenatal Exposure to Benzophenone-3 and Triclosan with Visual Recognition Memory in 7½-Month Old Infants***Mariya Yanovskaya**, Senior, Molecular & Cellular Biology, LAS*Contaminants in Coffee Could be Impacting Your Risk of Cardiovascular Disease***Armina Rizvi**, Junior, Health Sciences, Interdisciplinary, AHS*Developing Effective Feedback for Weight Loss Programs- Weight Chart and 24-hr Food Record***Melanie Cho**, Junior, Food Science & Human Nutrition, ACES
Xiaohan Zhou, Senior, Food Science & Human Nutrition, ACES
Seong Kyung Cho, Junior, Food Science & Human Nutrition, ACES
Rebecca Kowalski, Senior, Food Science & Human Nutrition, ACES*Dietary Connections with Hepatic Health and the Gastrointestinal Microbiota Among Overweight and Obese Adults***Domenica Goyes**, Senior, Food Science & Human Nutrition, ACES*Examining the Impact of Cytolethal Distending Toxin Mediated DNA Damage***Michidmaa Enkhbaatar**, Junior, Molecular & Cellular Biology, LAS*Happy Hearts: Associations of Maternal Depressive Symptomatology on Child Profiles of C-Reactive Protein***Danish Majid**, Junior, Molecular & Cellular Biology, LAS*Hydrogel Platforms to Recreate Glioblastoma Tumor Margins***Patricia Li**, Senior, Chemical & Biomolecular Engineering, LAS*Impact of Breast Pump Usage on the Macronutrient Composition of Human Milk***Autumn Cho**, Senior, Biology, LAS*Impact of Senior Community Service Employment Program on Health of Older Adults***Anna Kanfer**, Senior, Agricultural & Consumer Economics, ACES*Investigating the Correlation Between Ligament Alignment Behavior and Load Testing***Hyeok Jae Lee**, Junior, Mechanical Engineering, ENG*Investigating the Regulation of Ankyrin-G, Kv7 Potassium Channels, and Nav1 Sodium Channels at the Axonal Initial Segment During Homeostatic Plasticity of Hippocampal Neurons***David Cao**, Junior, Molecular & Cellular Biology, LAS*Lets Walk!: An Exercise and Age-retribution Interventions Effect on Physical and Mental Health in Older Hispanic/Latino Adults***Nessa Steinberg**, Junior, Community Health, AHS*Effect of Ethanol on the Perception of Aromas in Alcoholic Beverages***Meghan Viebrock**, Senior, Food Science & Human Nutrition, ACES*Parent Feeding Styles: A Link to Childhood Obesity?***Nadia Hrynewycz**, Senior, Integrative Biology, LAS
Kassandra Alvarez, Junior, Community Health, AHS*Personality Traits Among Recruit Firefighters Predicts Fitness***Michelle Swiatkiewicz**, Junior, Kinesiology, AHS
Constance Kass, Junior, Health Sciences, Interdisciplinary, AHS*Regulation of Insulin Sensitivity by Adiponectin and T-cadherin in Diet-induced Obesity***Sari Grad**, Senior, Food Science & Human Nutrition, ACES
Rebecca Jung, Senior, Food Science & Human Nutrition, ACES*Relationships Between Dietary Fiber Intake, the Human Gastrointestinal Microbiota and Bone Health***Anne Hou**, Senior, Food Science & Human Nutrition, ACES*Relationships Between Protein and Branched-Chain Amino Acid (BCAA) Intake and Sleep Quality in Adults***Maya Nienaber**, Senior, Food Science & Human Nutrition, ACES*Sex Differences on the Effect of Obesity on Morphology of the Intestinal Epithelium***Angelina Mei**, Senior, Molecular & Cellular Biology, LAS*Sweet Thoughts: An Innovative Approach to Analyze Verbal Fluency Data***Laura Mayorga**, Senior, Community Health, AHS*The Effect of Structural Variation on Ligament Apparent Properties***Ida Ang**, Senior, Bioengineering, ENG*The Influence of Child Attachment Security on the Relationship Between Feeding Responsiveness and Picky Eating Behavior***Samantha Twinski**, Senior, Psychology, LAS

The Role of Dietary Fats and Fibers on Inflammation and Metabolic Disease

Jessica Bennett, Senior, Molecular & Cellular Biology, LAS

Differences in the Child Weight of Preschoolers According to Caregivers' Feeding Styles in Chile

Nataly Quito, Junior, Human Development & Family Studies, ACES

PL SESSION – EDUCATION, SOCIAL SCIENCE, AND HUMAN BEHAVIOR

3:15 PM – 4:30 PM, South Lounge

2nd Order Constraint Learning with Stress Context: Can Early Linguistic Experience Affect Implicit Learning in the Language Production System?

Yuan Bian, Senior, Psychology, LAS

Administrative Change and Insurgency in the Sinai, 1967-2017

Meirav Malter, Senior, Global Studies, LAS

An Investigation of the Legislative Proceedings that Take Place to Regulate Output of Greenhouse Gas Emission Into the Global Atmosphere

Jessica Livas, Sophomore, Political Science, LAS

Effects of Co-parenting Quality on Teens Problem Solving Ability During a Dyadic Discussion Task

Zhanea James, Senior, Human Development & Family Studies, ACES

Effects of Parental Media Involvement and Emotional Responsiveness on Child's Television Consumption

Marisa Cullnan, Senior, Developmental Psychology, LAS

Ethnic and Religious Discrimination: Is There a Difference?

Autumn Langdon, Senior, Political Science, LAS

Gender Expression in Queer Women

Sudarshana Rao, Junior, Economics, LAS

How Does Party Turnover Affect Levels of Government Corruption?

Thomas Bishop, Senior, Political Science, LAS

How Entrepreneurship Can Help the Middle East and North Africa

Aminah Koshul, Senior, Global Studies, LAS

Ideological Drift and the Personal Lives of Supreme Court Justices

Granger Gridley, Junior, Political Science, LAS

Information Credibility on Social media for Controversial Health Issues

Shruti Chanumolu, Senior, Electrical Engineering, ENG

Niharika Manda, Sophomore, Computer Science & Linguistics

Kluxing on Kampus; 1910-1933

Lo Flores, Sophomore, History, LAS

Learning through Play in Elementary Classrooms

Emily Isaacson, Sophomore, Elementary Education (Grades 1-6), EDU

Kaylee Gerhardt, Sophomore, Elementary Education (Grades 1-6), EDU

Carly Bessinger, Sophomore, Middle Grades Education (Grades 5-8), EDU

Media Influence on Public Opinion: Civil Liberties vs. National Security

Cordelia Grob, Senior, Political Science, LAS

Misconceptions of Pre and Post Colonial Sudan

Mecca Muhammad, Senior, Global Studies, LAS

Robert Whitmore IV, Sophomore, Global Studies, LAS

Martez Miller, Junior, Political Science, LAS

Moderation of Social Anxiety on the Relationship Between Interpersonal Stress and Non-Suicidal Self-Injury (NSSI)

Samantha Sanders, Senior, Psychology, LAS

Puerto Rican Migration in Rural Illinois

Jennifer Huerta, Sophomore, Global Studies, LAS

Emily Rodriguez, Junior, Psychology, LAS

Re:Search, the Undergraduate Literary Criticism Journal at the University of Illinois--an Overview

Zoe Stein, Junior, English, LAS

Hannah Downing, Senior, English, LAS

Reaction to Challenges in Computer Science Based on Ability Status

Michael Rotter, Freshman, Special Education, EDU

David McCormack, Freshman, Special Education, EDU

Revisiting the Effect of Presidential Approval: Observing the President Leverage his Popularity

Christopher Piper, Senior, Political Science, LAS

Telling Stories and Learning to Read in Cantonese-English Speaking Bilinguals

Caryn Moy, Senior, Speech & Hearing Science, AHS

The Bidirectional Effects of Mother-Adolescent Interactions

Fan Xia, Senior, Human Development & Family Studies, ACES

The Effect of Registered Student Organization Involvement on Leadership Goal Progress

Olivia Schifferer, Senior, Psychology, LAS

Nicholas Tandle, Junior, Psychology, LAS

Siddhant Chawla, Junior, Civil Engineering, ENG

The Effects of Acceleration on Simulator Sickness in Virtual Reality

Eldon Hsiao, Senior, Psychology, LAS

*The Violence of Religious Difference: How Islamic Dominance Affects the Onset of Civil War***Ljubica Basica**, Senior, Political Science, LAS*Trilingual in a Bilingual Classroom***Jacob Weisz**, Freshman, Urban Planning and Sociology, FAA/LAS
Madison Larocca, Sophomore, Speech Language Pathology, AHS*U.S Media vs. U.S Prison System***Anna Hoban**, Sophomore, Sociology, LAS*Being Youtube***Tanesha Gauba**, Freshman, English and Psychology, LAS*Dismissals in Domestic Violence***Hannah Alderks**, Senior, Political Science and Spanish, LAS*Intersectionality of Gender Expression and Fluidity within Queer Women***Randall Tran**, Sophomore, Undeclared, DGS**INDEX**

Abraham, Benjamin - Poster Session: PG
 Adochio, Gabrielle - Poster Session: PE
 Adusumilli, Sneha - Poster Session: PJ
 Afreen, Hajera - Poster Session: PD | Featured Lunch Presentation
 Aguse, Nuraini - Poster Session: PJ
 Ahmad, Misha - Poster Session: PH and PI
 Ahmed, Sidrah - Poster Session: PA
 Ahmed, Zaid - Poster Session: PK
 Alaka, Zainab - Oral Presentations and Performances: Food and Nutrition
 Alderks, Hannah - Poster Session: PL
 Alfaro, Dahlia - Poster Session: PB
 Alvarado, Stephanie - Poster Session: PE
 Alvarez, Anna - Living-Learning Communities Research Initiative Poster Symposium
 Alvarez, Cassandra - Poster Session: PK
 Ang, Ida - Poster Session: PK
 Ang, Natalie - College of Media Undergraduate Research Symposium
 Ang, Qing Qing - Poster Session: PB and PF
 Ansari, Muneeb - ISUR Research Poster Expo
 Araza-Bravo, Oscar - Poster Session: PA
 Asenova, Velimira - Living-Learning Communities Research Initiative Poster Symposium
 Atkenson, Jillian - Poster Session: PB
 Balch, John - Poster Session: PC
 Barnett, Kelsey - Poster Session: PI
 Barry, Jordan - Poster Session: PE
 Basica, Ljubica - Poster Session: PL
 Bastounes, Estelle - Poster Session: PH
 Baymon, Brianna - Poster Session: PI
 Beck, Julia - Poster Session: PC
 Begovich, Kyle - Oral Presentations and Performances: Mapping Technology
 Belluomini, Emilie - Featured Lunch Presentation
 Belwalkar, Devaki - Poster Session: PE
 Benishay, Elana - Poster Session: PC
 Bennett, Jessica - Poster Session: PK

Berger, Bridget - Oral Presentations and Performances: Social Media and User Experience
 Bertels, Joshua - Poster Session: PD
 Bessinger, Carly - Poster Session: PL
 Betman, Julia - Poster Session: PI
 Bian, Yuan - Poster Session: PL
 Bishop, Thomas - Poster Session: PL
 Bloch, Chase - Poster Session: PI
 Blunk, Brandon - Oral Presentations and Performances: Social Media and User Experience
 Bojja, Bharat - Poster Session: PI
 Boris, Abby - Poster Session: PH
 Botto, Katrina - Poster Session: PE
 Boyce, Amber - ISUR Research Poster Expo
 Boynton, Brianna - Poster Session: PI
 Braasch, Cara - Poster Session: PF
 Bradley, Eboni - Featured Lunch Presentation | Oral Presentations and Performances: Race, Society, and the University
 Bradshaw, Yolonda - Poster Session: PA
 Brandolini, Cary - Living-Learning Communities Research Initiative Poster Symposium
 Bransley, Sarah - Poster Session: PH
 Brown, Abigail - Poster Session: PA
 Brown, Nakia - Oral Presentations and Performances: Mental Health
 Brunner, Aleyna - Poster Session: PA
 Bucio, Jose - Poster Session: PD
 Bullock, Rachel - Living-Learning Communities Research Initiative Poster Symposium
 Burke, Patrick - ISUR Research Poster Expo
 Bursztyns, Jessica - College of Media Undergraduate Research Symposium
 Burz, Stephany - Poster Session: PC
 Cabrera, Angelica - Poster Session: PC
 Cabrera, Sonia - Poster Session: PC
 Cai, Linda - Poster Session: PG
 Campbell, Kaitlyn M. - Oral Presentations and Performances: Genetics and Human Health
 Cao, David - Poster Session: PK
 Carlton, Demeisha - Oral Presentations and Performances: Education and Inequality
 Carrigan, Megan - Poster Session: PC
 Carter, John - Oral Presentations and Performances: Conflict and Society
 Castillo, Cruz - Living-Learning Communities Research Initiative Poster Symposium
 Cavanaugh, Sarah - Poster Session: PC
 Cetin, Sinan - Poster Session: PH
 Chait, Hannah - ISUR Research Poster Expo
 Chandler, Alexis - Poster Session: PI
 Chang, Jason - Poster Session: PB
 Chan, Stacy - Poster Session: PE
 Chanumolu, Shruti - Poster Session: PL
 Chao, Chi Hou - Poster Session: PF
 Chawla, Siddhant - Poster Session: PL
 Chee, Justine - Poster Session: PG
 Chen, Christina - Living-Learning Communities Research Initiative Poster Symposium
 Cheng, Claire - Poster Session: PH
 Cheng, Sze Lok Alvina - Poster Session: PJ
 Chen, Hanna - Living-Learning Communities Research Initiative Poster Symposium
 Chen, Hanna - Oral Presentations and Performances: Technology and Innovation
 Chen, Joy - Oral Presentations and Performances: Cancer Research
 Chen, Pengyu - Oral Presentations and Performances: Machine Learning and Artificial Intelligence
 Chen, Qihua - Poster Session: PG
 Chen, Weiru - Poster Session: PG
 Chen, Xue Yan - Poster Session: PF
 Cho, Autumn - Poster Session: PJ and PK
 Choi, Chanyoung - Oral Presentations and Performances: Food and Nutrition
 Choi, Rebecca - Poster Session: PJ
 Choi, Seokjoo - Poster Session: PJ
 Cho, Matthew - Poster Session: PJ
 Cho, Melanie - Poster Session: PK
 Cho, Seong Kyung - Poster Session: PK
 Chu, Angel - Poster Session: PD
 Chung, Austin - Poster Session: PF
 Chung, Lee Sun - Oral Presentations and Performances: Social Media and User Experience

Clark, Kaitlyn - Poster Session: PC
 Clawson, Matthew - Poster Session: PA
 Coffel, Melissa - Oral Presentations and Performances: Brain Functions | Poster Session: PD
 Coleman, Megan - Living-Learning Communities Research Initiative Poster Symposium
 Coleman, Megan - Oral Presentations and Performances: Technology and Innovation
 Conforti, Michele - Poster Session: PF
 Contreras, Moisés - Oral Presentations and Performances: Race, Culture, and Resistance
 Corum, Tanner - Poster Session: PG
 Cowfer, Amanda - Poster Session: PG
 Crudup, Lindsey - Oral Presentations and Performances: Global and Transnational Connections
 Cruz, Denzel - ISUR Research Poster Expo
 Cui, Yunhe - Poster Session: PD
 Cullnan, Marisa - Poster Session: PL
 Cunningham, Michael - Poster Session: PA
 Cygan, Paulina - Poster Session: PC
 Dalmia, Rohan - Living-Learning Communities Research Initiative Poster Symposium
 Daughtridge, Rachel - Poster Session: PH
 Dean, Robin - Poster Session: PA
 DeLuca, Alison - Poster Session: PB
 Demick, Emily - Poster Session: PA
 Demro, Delaney - Poster Session: PA
 DeMuro, Joseph - Poster Session: PA
 Devorkin, Josh - Poster Session: PJ
 De Vries, Lauren - Poster Session: PF
 Dholaria, Nidhi - Living-Learning Communities Research Initiative Poster Symposium
 Dholaria, Nidhi - Oral Presentations and Performances: Technology and Innovation
 Diaz, Alondra - Poster Session: PJ
 Dmitrieva, Anna - Oral Presentations and Performances: Environmental Sustainability
 Dochnal, Sara - Poster Session: PG
 Dolan, Erin - Poster Session: PE
 Dong, Xiaoru - Poster Session: PD and PF
 Douglas, Katie - Oral Presentations and Performances: Cancer Research
 Dowling, Thomas - Poster Session: PB
 Downing, Hannah - Department of English Symposium | Poster Session: PL
 Dugar, Ajay - Poster Session: PG
 Duginger, Stephen - Poster Session: PI
 Dungan, Gabriel - Poster Session: PJ
 Duong, Kevin - Poster Session: PG
 Durham, Greer - IPRH-Mellon Bio-Humanities Undergraduate Research Symposium
 Eap, Teksong - Poster Session: PC
 Ebersold, Patricia - Oral Presentations and Performances: Memory and Learning
 Ejub, Sabit - Poster Session: PJ
 Emmanuel, Ryan - Poster Session: PD
 Emmanuel, Ryan - Poster Session: PD
 Enkhbaatar, Michidmaa - Poster Session: PG and PK
 Escobar, Kristi - Poster Session: PC
 Fan, Yuliang - Poster Session: PJ
 Farruggio, Camille - Poster Session: PA
 Fatima, Eldes - Poster Session: PD
 Feinberg, Max - Oral Presentations and Performances: Mapping Technology
 Feng, Zifei - Poster Session: PJ
 Filipiuk, Robert - Poster Session: PD
 Fiorito, Angela - Poster Session: PA
 Flores, Lo - Poster Session: PL
 Flosi, Emma - Poster Session: PE
 Foley, Emily - ISUR Research Poster Expo
 Forsyth, Connor - Poster Session: PJ
 Foster, Elizabeth - Poster Session: PC
 Foy, Megan - Poster Session: PE
 Freiburger, Emily - Living-Learning Communities Research Initiative Poster Symposium
 Gaffner, Abby - Poster Session: PD
 Galvez-Ortega, Kimberly - Poster Session: PF
 Gandhi, Nupoor - ISUR Research Poster Expo and PG
 Gatdula, Aaron - Poster Session: PH
 Gauba, Tanesha - Poster Session: PL
 George, Rohi - Poster Session: PA
 Gerdes, Quinn - Poster Session: PJ
 Gerhard, Katrina - Poster Session: PD
 Gerhardt, Kaylee - Poster Session: PL
 Ghabra, Reema - Poster Session: PI
 Ghone, Srushti - Living-Learning Communities Research Initiative Poster Symposium
 Ghosh, Jigeesh - Featured Lunch Presentation
 Gil, Stephanie - Oral Presentations and Performances: Marginalized Medicine
 Ginsburg, Jordan - Poster Session: PB
 Gnadt, Marisa - ISUR Research Poster Expo
 Goel, Viraat - Poster Session: PD
 Goldsmith, Sam - Oral Presentations and Performances: Body and Movement
 Gonigam, Richard - Poster Session: PD
 Gonnella, Gina - Poster Session: PI
 Goodman, Grace - Poster Session: PI
 Goyes, Domenica - Poster Session: PK
 Gradowski, Gianna - Poster Session: PC
 Grad, Sari - Poster Session: PK
 Grako, Megan - Poster Session: PG
 Grant, Belinda - Oral Presentations and Performances: Body and Movement
 Gridley, Granger - Poster Session: PL
 Grinberg, Alexei - Poster Session: PG
 Grob, Cordelia - Poster Session: PL
 Grosman, Kevin - Poster Session: PG
 Groth, Sara - Poster Session: PI
 Gunawardena, Shehani - Living-Learning Communities Research Initiative Poster Symposium
 Gunawardena, Shehani - Poster Session: PJ
 Guo, Annie - Poster Session: PJ
 Guo, Shuyu - Poster Session: PJ
 Hadley, Pierce - ISUR Research Poster Expo
 Halewicz, Victoria - IPRH-Mellon Bio-Humanities Undergraduate Research Symposium
 Hallett, Emmy - Poster Session: PG
 Hall, John - Oral Presentations and Performances: Conflict and Society
 Haney, Samantha - Poster Session: PH
 Han, Jiang - Living-Learning Communities Research Initiative Poster Symposium
 Happ, Marissa - Poster Session: PC
 Haran, Anand - Poster Session: PJ
 Harris, Tremaine - Poster Session: PI
 Hastie, Allisa - Oral Presentations and Performances: Environmental Sustainability
 Hedden, Hailey - Poster Session: PI
 He, Jimmy - Poster Session: PJ
 Hendren-Santiago, Bryce - Poster Session: PG
 Henry, Layna - Poster Session: PG
 Hernandez, Erica - Poster Session: PA
 Heuck, Emily A. - Poster Session: PA and PF
 Hill, Amaris - Living-Learning Communities Research Initiative Poster Symposium
 Hindi, Joseph - Poster Session: PA and PH
 Hinton, Sam - Poster Session: PC
 Hoban, Anna - Poster Session: PL
 Holland, Jada - Living-Learning Communities Research Initiative Poster Symposium
 Ho, Sherri - Poster Session: PG
 Hosseini-Joujili, Mohammad - Poster Session: PG
 Hou, Anne - Poster Session: PK
 Hou, Tianyu - Poster Session: PG
 Hrynewycz, Nadia - Poster Session: PK
 Hsiao, Eldon - Poster Session: PL
 Htun, Swan - Poster Session: PJ
 Huang, Jiayi - Living-Learning Communities Research Initiative Poster Symposium
 Huang, Jiayi - Poster Session: PJ
 Huang, Manting - Poster Session: PF
 Hu, Anqi - Poster Session: PB
 Huerta, Jennifer - Poster Session: PL
 Hu, Miwei - Poster Session: PD
 Huynh, Than - ISUR Research Poster Expo | Poster Session: PE
 Imir, Ozan - Poster Session: PC
 Isaacson, Emily - Poster Session: PL
 Iwinski, Samantha - Poster Session: PK
 Jachino, Andrea - Oral Presentations and Performances: Brain Functions
 Jackson, Devon - Poster Session: PF
 Jain, Khushboo - Poster Session: PJ
 Jain, Meher - Poster Session: PD
 James, Zhanea - Poster Session: PL

Janovsky, Rachel - Poster Session: PG
 Jansen, Taylor - Oral Presentations and Performances: Genetics and Human Health
 Jan, Zayna - Poster Session: PC
 Jiang, Han - Oral Presentations and Performances: Technology and Innovation
 Jiang, Lingjun "Mew" - IPRH-Mellon Bio-Humanities Undergraduate Research Symposium
 Jiang, Lingjun - Oral Presentations and Performances: Contextualizing Difference
 Jinachandran, Prajakti - Poster Session: PD
 Johnsey, Jane - Poster Session: PC
 Johnson, Alayna - Poster Session: PD
 Johnson, Dana - Oral Presentations and Performances: Environmental Sustainability
 Johnson, Madeline - Poster Session: PB
 Josyula, Apoorva - Living-Learning Communities Research Initiative Poster Symposium
 Jugovich, Nicole - ISUR Research Poster Expo
 Jung, Rebecca - Oral Presentations and Performances: Food and Human Health | Poster Session: PK
 Ka Fai, Leong - Poster Session: PF
 Kainrath, Erin - Poster Session: PI
 Kaiser, Lauren - Poster Session: PC
 Kaminski, Paul - Oral Presentations and Performances: Organisms and their Environment
 Kanfer, Anna - Poster Session: PK
 Kanji, Arsheen - Oral Presentations and Performances: Social Media and User Experience
 Kanthac, Kaitlin - Living-Learning Communities Research Initiative Poster Symposium
 Kaper-Tucker, Ashley - Oral Presentations and Performances: Memory and Learning
 Karkhanis, Priya - Poster Session: PG
 Karuhn, Meagan - Poster Session: PD
 Kass, Constance - Poster Session: PK
 Kauffman, Nicole - Living-Learning Communities Research Initiative Poster Symposium
 Kelley, Regan - Oral Presentations and Performances: Brain Functions
 Khan, Amaan - Poster Session: PC
 Khan, Ema - Poster Session: PJ and PD
 Khan, Taskeen - Oral Presentations and Performances: Organisms and their Environment
 Kim, Edmond - Poster Session: PE
 Kim, Hannah - Oral Presentations and Performances: Stress and Student Life
 Kim, Jae - Poster Session: PH
 Kim, Michael Chang Eui - Poster Session: PJ
 Kim, Shawn - Poster Session: PF
 Kim, Ye Wool - Poster Session: PA
 Klein, Robert - Poster Session: PE
 Kobayashi, Kai - Poster Session: PA
 Kondabattula, Sri - Poster Session: PD
 Kong, Mei Han - Poster Session: PF
 Koronkiewicz, Alexis - Poster Session: PC
 Koshul, Aminah - Poster Session: PL
 Kowalski, Rebecca - Poster Session: PK
 Koziel, Stephen - Poster Session: PE
 Kramer, Gwendolyn - Living-Learning Communities Research Initiative Poster Symposium
 Krandel, Jared - Poster Session: PG
 Kumar, Nitesh - Poster Session: PE
 Kuo, Fiona - Poster Session: PD
 Kuok, Chon Kit - Poster Session: PF
 Kurtenbach, Caylie - Poster Session: PK
 Kuznetsov, Andrew - ISUR Research Poster Expo | Poster Session: PG
 Kwon, Patrick - Poster Session: PB
 Labbe, Brendan - Oral Presentations and Performances: Conflict and Society
 Ladzik, Claudia - Poster Session: PB
 Laird, Veronika - Poster Session: PJ
 Langdon, Autumn - Poster Session: PL
 Lapp, Samantha - Poster Session: PA
 Largent, Tressa - Poster Session: PH
 Larocca, Madison - Poster Session: PL
 Lasemi, Ali - Poster Session: PJ
 Lee, Angela - Poster Session: PD
 Lee, Annika - Poster Session: PD
 Lee, Grace - Poster Session: PA
 Lee, Hyeok Jae - Poster Session: PK
 Lee, Isabella - Oral Presentations and Performances: Technology and Innovation
 Lee, Jessica - Poster Session: PE
 Lee, Justin - Poster Session: PE
 Lee, Yujin - Poster Session: PC
 Lenhart, Ashley - Poster Session: PA
 Leopold, Morgan - Poster Session: PB
 Liberman, Maddy - Poster Session: PH
 Li, Hannah - Poster Session: PA
 Li, Jingyu - Poster Session: PJ
 Lin, Feikai - Poster Session: PG
 Lin, Ryan - Poster Session: PB
 Li, Patricia - ISUR Research Poster Expo | Poster Session: PK
 Liu, Cynthia - ISUR Research Poster Expo | Poster Session: PE
 Liu, Jiahang - Poster Session: PJ
 Liu, Shihao - Poster Session: PG
 Liu, Yichen - Poster Session: PH
 Livas, Jessica - Poster Session: PL
 Li, Xiaomin - Poster Session: PJ
 Li, Yingxing - Poster Session: PJ
 Lopez, Crystal - Poster Session: PE
 Lopez, Jocelyne - Poster Session: PA
 Love, Dimitri - Oral Presentations and Performances: Race, Society, and the University
 Low, Cora - Poster Session: PB
 Lower, Sidney - Poster Session: PG
 Lozano, Makaila - Poster Session: PI
 Lu, Hanyu - Poster Session: PG
 Lundberg, Brittany - Department of English Symposium | Oral Presentations and Performances: Marginalized Medicine
 Lupo, Grace - Poster Session: PC
 Luu, Sydney - Poster Session: PA
 Maher, Jacob - ISUR Research Poster Expo
 Maini, Rahul - Poster Session: PD
 Majid, Danish - Poster Session: PK
 Majumdar, Tanvi - Poster Session: PA
 Malik, Martin - Poster Session: PG
 Malter, Meirav - Poster Session: PL
 Maras, Ashley - Poster Session: PE
 Marila, Cristina - Poster Session: PB
 Maroutsos, Demetrios - Poster Session: PG
 Martinez, Monique - Poster Session: PC
 Martinez, Yana - Featured Lunch Presentation
 Mathews, Jenna - Poster Session: PB and PI
 Mattes, Jenna - Poster Session: PH
 Matzuka, Madelyn - Poster Session: PF
 Mayer, Joseph - Poster Session: PG
 Mayorga, Laura - Poster Session: PK
 McConnell, William - Living-Learning Communities Research Initiative Poster Symposium
 McCormack, David - Poster Session: PL
 McCoy, Meghan - Department of English Symposium | Oral Presentations and Performances: Marginalized Medicine
 McDowell, Hannah - Poster Session: PG and PJ
 Mcguire, Lauren - Poster Session: PC
 McKinley, Amanda - Poster Session: PK
 McMahan, Patrick - Poster Session: PA
 Meghani, Raees - Poster Session: PB
 Mei, Angelina - Poster Session: PK
 Meng, Ruoyu - Poster Session: PJ
 Merten, Nikolas - Poster Session: PD
 Michael, Eric - Poster Session: PJ
 Miller, Martez - Poster Session: PL
 Molina, Leonardo - Poster Session: PG
 Moodabagil, Sahana - Poster Session: PI
 Moon, Damee - Poster Session: PG
 Moraga, Richard - Living-Learning Communities Research Initiative Poster Symposium
 Moran, Grace - Poster Session: PI
 Moreno-Garcia, Crystal - Poster Session: PB
 Moy, Caryn - Poster Session: PL
 Muhammad, Mecca - Poster Session: PL
 Munguia, Brenda - Poster Session: PC
 Murphy, Elizabeth - Poster Session: PJ

Murphy, Theresa - Poster Session: PA
 Nagarkar, Tanvi - Living-Learning Communities Research Initiative Poster Symposium
 Namara, Gertrude - Poster Session: PE
 Nangachiveettil, Joseph - Poster Session: PD
 Navarre, Alexander - Poster Session: PD
 Nawor, Charlotte - Poster Session: PJ
 Neumann, Austin - Featured Lunch Presentation
 Nienaber, Maya - Poster Session: PK
 Nix, Ariel - Poster Session: PI
 Noehre, Samantha - Poster Session: PK
 Nowak, Alexandra - Poster Session: PB
 Nusgart, Julia - Poster Session: PI
 Nye, Juliette - Poster Session: PH
 Ocampo, Saray - Poster Session: PE
 Oddo, Bianca - Poster Session: PE
 Olivia, Carlos - Living-Learning Communities Research Initiative Poster Symposium
 Olmstead, Abigail - Poster Session: PC
 Olowu, Karen - Oral Presentations and Performances: Race, Culture, and Resistance
 Olson, Daniel G. - Poster Session: PJ
 Osborne, Asura - Poster Session: PB
 Pabba, Ashish - Living-Learning Communities Research Initiative Poster Symposium
 Pandey, Sanat - Oral Presentations and Performances: Technology and Innovation
 Paoletta, Andrea - Poster Session: PF
 Park, Hyun - IPRH-Mellon Bio-Humanities Undergraduate Research Symposium
 Park, Philip - Poster Session: PB
 Patel, Avani - Poster Session: PH
 Patel, Kanishk - Poster Session: PB
 Patel, Showik - Poster Session: PA
 Patel, Yesha - Poster Session: PJ
 Patrick, Sarah - Oral Presentations and Performances: Multicultural Environments and Identity
 Pen, Alice - Poster Session: PC
 Penkala, Haley - Poster Session: PA
 Perez-Flores, Nancy - Oral Presentations and Performances: Education and Inequality
 Perry, Andrea - Poster Session: PD
 Peters, Taylor - Poster Session: PK
 Pham, Chau - Poster Session: PE
 Phillips Clark, Rochanda - Poster Session: PI
 Phillips, Elizabeth - Poster Session: PE
 Pien, Daniel - Poster Session: PI
 Pietrowicz, Melissa - Poster Session: PF
 Piper, Christopher - Poster Session: PL
 Piramuthu, Otto - Oral Presentations and Performances: Machine Learning and Artificial Intelligence | Poster Session: PG
 Piwowarczyk, Claudia - Poster Session: PB
 Podjasek, Madison - Poster Session: PC
 Polak, Brooke - Poster Session: PA
 Polikaitis, Daina - Poster Session: PC
 Prete, Elizabeth - Oral Presentations and Performances: Stress and Student Life
 Puthalath, Krithik - Poster Session: PA
 Qazi, Aisha - Poster Session: PH
 Qin, Yue - Poster Session: PK
 Qiu, Hao - Oral Presentations and Performances: Machine Learning and Artificial Intelligence
 Qiu, Roger - Poster Session: PD
 Quito, Nataly - Poster Session: PC and PK
 Rajan, Julia - Poster Session: PF
 Raju, Sowmiya - Poster Session: PB
 Ramirez, Valerie - Poster Session: PJ
 Ramos, Elizabeth - Living-Learning Communities Research Initiative Poster Symposium
 Rao, Sudarshana - Poster Session: PL
 Ravi, Sai Susmitha - Poster Session: PD
 Ray, Benjamin - Living-Learning Communities Research Initiative Poster Symposium
 Ray, Benjamin - Poster Session: PJ
 Raynes, David - Poster Session: PD
 Reckamp, Ellen S. - Poster Session: PF
 Reed, Hannah - Poster Session: PH
 Reed, Jacob - Oral Presentations and Performances: Race, Society, and the University
 Regan, Bridget - Oral Presentations and Performances: Multicultural Environments and Identity
 Reingold, Megan - Poster Session: PC
 Remlinger, Racheal - Poster Session: PE
 Ren, Yudong - Poster Session: PA
 Repiscak, Maria - Living-Learning Communities Research Initiative Poster Symposium
 Rhee, Amanda - Poster Session: PE
 Rice, Matthew - Poster Session: PB
 Richards, Margaret - Poster Session: PA
 Rigsby, Dylan - Poster Session: PH
 Riley, Alex - Oral Presentations and Performances: Organisms and their Environment
 Ritondale, Joseph - Poster Session: PE
 Ritthamel, Jake - Poster Session: PH
 Rivera, Bryana - Living-Learning Communities Research Initiative Poster Symposium
 Rizvi, Armina - Poster Session: PK
 Robbs, Connor - Poster Session: PE
 Rocha, Ethan - Poster Session: PC
 Rodriguez, Emily - Poster Session: PL
 Rodriguez, Jennifer - Poster Session: PJ
 Roglans, Raimon - ISUR Research Poster Expo
 Roome, Megan - Poster Session: PJ
 Rosales, John - Poster Session: PJ
 Ross, Janell - Oral Presentations and Performances: Stress and Student Life
 Rotter, Michael - Poster Session: PL
 Roychoudhury, Monisha - Featured Lunch Presentation
 Rubin, Martha - Oral Presentations and Performances: Global and Transnational Connections
 Rudin, Kati - Poster Session: PH
 Ruggiero, Pasqua - Poster Session: PF
 Rui, Tingting - Oral Presentations and Performances: Multicultural Environments and Identity
 Ruston, Alyssa - Poster Session: PH
 Ruxlow, Grace - Living-Learning Communities Research Initiative Poster Symposium
 Sachs, Rachel - Poster Session: PC
 San, Aidan - Oral Presentations and Performances: Memory and Learning
 Sanders, Samantha - Poster Session: PL
 Sandhi, Tanveer - Living-Learning Communities Research Initiative Poster Symposium
 Sandhu, Novejot - Poster Session: PE
 Sandoval, Emily - Poster Session: PC and PH
 San Roman, Dylan - Oral Presentations and Performances: Contextualizing Difference
 Sarma, Sanjiv - Poster Session: PF
 Scanlon, Lillian - Poster Session: PA
 Schabowski, Mackenzie - Featured Lunch Presentation
 Schiavone, Mary - Oral Presentations and Performances: Contextualizing Difference
 Schierer, Emily - Oral Presentations and Performances: Food and Human Health
 Schifferer, Olivia - Poster Session: PL
 Schindler, Elizabeth - Poster Session: PB
 Schmidt, Frances - Poster Session: PK
 Schnieders, Jack - ISUR Research Poster Expo
 Schnitzler, Zoe - Poster Session: PJ
 Schramer, Tristan - Poster Session: PH
 Schreiber, Sierra - Poster Session: PH
 Seckman, Courtney - Poster Session: PG
 Severini, Veronica - Poster Session: PI
 Shah, Juhi - Living-Learning Communities Research Initiative Poster Symposium
 Shan, Bowen - Poster Session: PJ
 Shen, Justin - Living-Learning Communities Research Initiative Poster Symposium
 Shi, Congying "Mandi" - IPRH-Mellon Bio-Humanities Undergraduate Research Symposium
 Shin, Jeremy - Poster Session: PJ
 Sidhu, Harjot - Poster Session: PG
 Silver, Alexandra - Poster Session: PI
 Simonaitis, John - ISUR Research Poster Expo
 Simotas, Athina - Poster Session: PE
 Singh, Devashish - Poster Session: PJ
 Singh, Shreya - Poster Session: PE
 Sivaguru, Vignesh - College of Media Undergraduate Research Symposium
 Sivasankaran, Aparna - College of Media Undergraduate Research Symposium | Poster Session: PB
 Slater, Simona - ISUR Research Poster Expo
 Sleiman, Marc - Poster Session: PE
 Smith, Lauren - ISUR Research Poster Expo

Sneed, Loni - Poster Session: PG
 Song, Rachel - Poster Session: PE
 Sorokina, Anastasia - Poster Session: PA
 Sosa, Susana - Oral Presentations and Performances: Mental Health
 So, Shan Shan - Poster Session: PJ
 Spitz, Blake - Poster Session: PG
 Sponholtz, Madeline - Poster Session: PG
 Spurlock, Terrell - Oral Presentations and Performances: Race, Society, and the University
 Srivastava, Karan - Living-Learning Communities Research Initiative Poster Symposium
 Stanhope, Clare - Poster Session: PE
 Stark, Bria - Poster Session: PE
 Stavins, Robert - ISUR Research Poster Expo
 Steinberg, Nessa - Poster Session: PK
 Stein, Zoe - Department of English Symposium | Poster Session: PL
 Storey, Kathryn - Poster Session: PG
 Stroot, Greg - ISUR Research Poster Expo
 Stutchman, Jeremy - Poster Session: PH
 Subramanian, Anusha - Poster Session: PK
 Subramanian, Srivathsan - Poster Session: PD
 Suh, Lois - Poster Session: PJ
 Sun, Grace Sun - Poster Session: PA
 Sun, Rongyi - Poster Session: PC
 Surabhi, Divya M. - Oral Presentations and Performances: Mental Health
 Su, Zhaoyuan - Oral Presentations and Performances: Body and Movement
 Swiatkiewicz, Michelle - Poster Session: PK
 Szummy, Julia - College of Media Undergraduate Research Symposium
 Tallam, Krti - Poster Session: PD
 Taluja, Serina - Poster Session: PD
 Tandle, Nicholas - Poster Session: PL
 Tandon, Gauransh - Living-Learning Communities Research Initiative Poster Symposium
 Teran-Garcia, Margarita - Poster Session: PC
 Thain, Rachel - Poster Session: PJ
 Thakur, Ishaan - Oral Presentations and Performances: Technology and Innovation
 Tham, Rachel - ISUR Research Poster Expo
 Thompson, Nick - Poster Session: PF
 Thomsen, Kari - Poster Session: PF
 Thota, Utsav - Poster Session: PJ
 Tian, Huiying - Living-Learning Communities Research Initiative Poster Symposium
 Tiarks, Skyler - Poster Session: PJ
 Tomlin, Emily - Poster Session: PH
 Tong, Yuquan - Poster Session: PG
 Toriyama, Michael - ISUR Research Poster Expo | Poster Session: PD
 Tovar, Ana - Poster Session: PC
 Tran, Chi - Poster Session: PI and PJ
 Tran, Randall - Poster Session: PL
 Trouvais, Benjamin - Poster Session: PF
 Tsang, Josephine - Poster Session: PJ
 Tso, Whitney - ISUR Research Poster Expo
 Tung, Wesley - Poster Session: PA
 Unal, Cagla - Poster Session: PD
 Unes-Reid, Raynah - College of Media Undergraduate Research Symposium
 Valente, Tess - Poster Session: PJ
 Vande Vusse, Paige - Poster Session: PB
 Vardanyan, Anna - Oral Presentations and Performances: Cancer Research
 Varghese, Jesty - Living-Learning Communities Research Initiative Poster Symposium
 Varshney, Daksh - Living-Learning Communities Research Initiative Poster Symposium
 Velia, Brynne - Poster Session: PF
 Veller, Artiom - Poster Session: PC
 Vepachedu, Krishna - Living-Learning Communities Research Initiative Poster Symposium
 Viebrock, Meghan - Poster Session: PK
 Villagomez, Yanina - Poster Session: PB
 Vining, Rebecca - Poster Session: PD
 Vitthitcharoenpaisarn, Pitchaya - Poster Session: PA
 Vogel, Kealie - Poster Session: PB
 Vozzo, Justin - Poster Session: PH
 Waddell, Steven - Oral Presentations and Performances: Education and Inequality
 Wagner, Madelyn - Living-Learning Communities Research Initiative Poster Symposium
 Walker, Taylor - Oral Presentations and Performances: Genetics and Human Health
 Walsh, Claire - Poster Session: PA
 Walsh, Delaney - Poster Session: PB
 Walters, Payton - Oral Presentations and Performances: Food and Human Health
 Walton, Ryan - Oral Presentations and Performances: Global and Transnational Connections | Poster Session: PE
 Wang, Haoyu - Poster Session: PG
 Wang, Oliver - Poster Session: PA
 Wang, Selena - Poster Session: PC
 Wang, Yang - Poster Session: PI
 Wang, Yutong - College of Media Undergraduate Research Symposium
 Ward, Allie - Poster Session: PH
 Wcislo, Jessica - Poster Session: PD
 Wei, Max - Poster Session: PG
 Weisz, Jacob - Poster Session: PL
 Wei, Yuanyuan - Poster Session: PA
 Wen, Rachele - ISUR Research Poster Expo
 Wenzel, Kevin - Poster Session: PF
 Whang, Priscilla - Poster Session: PJ
 White, Olivia - Poster Session: PB
 Whitmore IV, Robert - Poster Session: PL
 Wilkins, Kaleigh - Poster Session: PF
 Wilson, Loralee - Poster Session: PJ
 Wilson, Ryan - College of Media Undergraduate Research Symposium | Featured Lunch Presentation
 Winslow, Donti - Oral Presentations and Performances: Race, Society, and the University
 Wipfler, Rebecca - Poster Session: PD
 Wojnowski, Natalia - Poster Session: PA
 Wolter, Gabrielle - Poster Session: PA
 Womack, Sarah - Poster Session: PA
 Woodburn, Elizabeth - ISUR Research Poster Expo
 Wright, Hannah - Poster Session: PB
 Wu, Xiaolin - Poster Session: PJ
 Xia, Fan - Poster Session: PL
 Xie, Jingyi - Poster Session: PD
 Xie, Yun - Poster Session: PJ
 Xiong, Ziqin - Poster Session: PJ
 Xu, Xihe - Poster Session: PH
 Yang, Frederick - Oral Presentations and Performances: Food and Nutrition
 Yang, QingQing - Featured Lunch Presentation
 Yang, Ran - Poster Session: PG
 Yanovskaya, Mariya - Poster Session: PK
 Yao, Lucy - Poster Session: PD
 Yeary, Henry - IPRH-Mellon Bio-Humanities Undergraduate Research Symposium
 Yee, Danielle - Poster Session: PA
 Yin, Ruorong - Oral Presentations and Performances: Machine Learning and Artificial Intelligence
 Young, Emily - Poster Session: PI
 Youngquist, Kiersten - Poster Session: PH
 You, Tianming - Poster Session: PJ
 Yu, Chuhan - Oral Presentations and Performances: Stress and Student Life
 Yun, Hyeon-Seo - Poster Session: PA
 Zelden, Elana - Poster Session: PE
 Zelenka, Elizabeth - Living-Learning Communities Research Initiative Poster Symposium
 Zhang, Jianan - Poster Session: PD
 Zhang, Mingchao - Poster Session: PG
 Zhang, Tongyu - Poster Session: PA
 Zhang, Yiwei - Poster Session: PB
 Zhao, An - Oral Presentations and Performances: Race, Culture, and Resistance
 Zhou, Alan - Poster Session: PA
 Zhou, Tianying - Poster Session: PF
 Zhou, Xiaohan - Poster Session: PK
 Zhou, Ziran - Poster Session: PJ
 Zhu, Zhouyang - Poster Session: PD
 Zimmerman, Luke - Poster Session: PH
 Zou, Daniel - Oral Presentations and Performances: Machine Learning and Artificial Intelligence
 Zurliene, Megan - Poster Session: PH

Thanks to our Sponsors



Stevick Foundation

This program may be obtained in alternative formats upon request. Please contact the Office of Undergraduate Research at ugresearch@illinois.edu, or at 217-300-5453

OFFICE of UNDERGRADUATE RESEARCH
Illini Union Bookstore Building, Fifth Floor
807 South Wright Street, MC 317
Champaign, IL 61820

undergradresearch.illinois.edu

I ILLINOIS

Office of Undergraduate Research