American Studies
Ancient Studies
Biochemistry and Molecular Biology
Bioinformatics and Computational Biology
Biological Sciences
Chemical, Biochemical, and Environmental Engineering
Chemistry and Biochemistry
Computer Science and Electrical Engineering
Dance
Economics
English
Gender and Women's Studies
Geography and Environmental Systems
Health Administration and Policy
History
Information Systems
Interdisciplinary Studies
Mathematics and Statistics
Mechanical Engineering
Media and Communication Studies
Modern Language, Linguistics, and Intercultural Communication
Music
Physics
Political Science
Psychology
Social Work
Sociology and Anthropology
Theatre
Visual Arts

American Studies

Student: Mallory Brooks
Mentor: Dr. Kathy Scales Bryan
Oral Presentation
UC 312
1:30 p.m.

“Platform 9 ¾: The Entrance to a Potterhead Created Community”
April 24, 2013

Presenters by Department

University Center 3rd Floor

Student: Glen Carpenter
Mentor: Dr. Kathy Scales Bryan
Oral Presentation
UC 312
2:00 p.m.

“Psychedelic Dungeons: Aesthetics, Satire, and the Counter-Counterculture”

Student: Jordan Dubbs, Jason Dubbs
Mentor: Dr. Jonathan Singer
Poster Presentation
UC Ballroom
10:00 a.m. - 12:30 p.m.

“Images in the Classroom: The Influence of Media in Vocabulary Instruction”

Student: Vicki Greisman
Mentor: Dr. Kathy Scales Bryan
Dr. Nicole King
Oral Presentation
UC 312
1:15 p.m.

“Quilts for Soldiers”

Student: Jennie Williams
Mentor: Dr. Nicole King
Oral Presentation
UC 312
1:45 p.m.

“Mapping Baybrook: From Main Street to the Harbor”

Ancient Studies

Student: Sierra Benson-Brown
Mentor: Dr. Marilyn Goldberg
Poster Presentation
UC Ballroom
12:30 p.m. - 3:00 p.m.

“Syncretism in Pompeii”
April 24, 2013

Presenters by Department

Student: Molly Greenhouse
Mentor: Dr. Carolyn Koehler
Ms. Esther Read
Oral Presentation
UC 312
11:15 a.m.

“Demystifying the "Sea Peoples": Nomadic Tribes and Causes of Migration from Anatolia in the Late Bronze Age”

Student: Henry Kahl
Mentor: Ms. Esther Read
Poster Presentation
UC Ballroom
12:30 p.m. - 3:00 p.m.

“Tanagra Figurines: The Role of Women in Ancient Greek Society”

Student: Caitlin Smith
Mentor: Dr. Timothy Phin
Oral Presentation
UC 312
11:30 a.m.

“Interpretation in the Museum: An Ancient Gem in a Modern Context”

Biochemistry and Molecular Biology

Student: Chinwendu Amazu
Mentor: Dr. Laundette Jones
Oral Presentation
UC 310
10:00 a.m.

“Defining the Origin of an Abnormal Brown Adipose Phenotype in the Mammary Gland of Brca1 Mutant Mice”

Student: Pallavi Bhargava
Mentor: Dr. Michael Summers
Oral Presentation
UC 310
10:15 a.m.

“Inhibiting Matrix Targeting of the Gag Polyprotein towards the Plasma Membrane in HIV-1 Retrovirus Replication”

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University Center 3rd Floor

Student: Alexander Emmanuelli  
Mentor: Dr. Michael Summers  
Poster Presentation  
UC Ballroom  
10:00 a.m. - 12:30 p.m

"Expression of the Murine Leukemia Virus CANC Domains of the GAG Polyprotein"

Student: Dionna Gamble  
Mentor: Dr. William Stanley  
Poster Presentation  
UC Ballroom  
12:30 p.m. - 3:00 p.m.

"Long Chain Saturated Fatty Acids Prevent the Decline in Contractile Function Compared to Low Fat Diet in Heart Failure"

Student: Christine Kang  
Mentor: Dr. David Eisenmann  
Poster Presentation  
UC Ballroom  
10:00 a.m. - 12:30 p.m

"Identification of a Potential cis-Regulatory Module of pax-3 in Caenorhabditis elegans"

Student: Bilal Moiz  
Mentor: Dr. Michelle Starz-Gaiano Dr. Bradford Peercy  
Poster Presentation  
UC Ballroom  
10:00 a.m. - 12:30 p.m

"Modeling Diffusion of Signaling Molecules and Consequential Cell Fate Determination"

Student: Michael Moubarek  
Mentor: Dr. Charles Bieberich  
Poster Presentation  
UC Ballroom  
12:30 p.m. - 3:00 p.m.

"Determining the Contribution of Twist1 in Neoplastic Progression within the MPAKT Mouse Prostate Cancer Model"

Student: KimChi Nguyen  
Mentor: Dr. Richard Karpel  
Poster Presentation  
UC Ballroom  
10:00 a.m. - 12:30 p.m

"Determination of dsDNA Binding Site on Gene32 Protein"

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Bioinformatics and Computational Biology

Student: Alyssa Florwick
Mentor: Dr. Maricel G. Kann
Poster Presentation
UC Ballroom
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“High Throughput Extraction of Phenotypically Altering Genetic Variants in Model Organisms”

Student: Scott Goldweber
Mentor: Dr. Maricel Kann
Poster Presentation
UC Ballroom
12:30 p.m. - 3:00 p.m.

“Analysis of Common Phenotypic Disruptions Between Organisms Using a Protein Domain Framework”

Student: Rajashree Mishra
Mentor: Dr. Maricel G. Kann
Poster Presentation
UC Ballroom
10:00 a.m. - 12:30 p.m

“Extracting Protein-Protein Interactions of Orthologous Proteins from Literature”

Student: Talmo Pereira
Mentor: Dr. Ivan Erill
Poster Presentation
UC Ballroom
10:00 a.m. - 12:30 p.m

“Self-Consistency of Starting Motif in Sequence Scoring Motif Searching”

Student: Mitsu Shah
Mentor: Dr. Maricel G. Kann
Poster Presentation
UC Ballroom
12:30 p.m. - 3:00 p.m.

“Text-Mining Tools to Aid Diagnosis of Cancer”
April 24, 2013

Presenters by Department

University Center 3rd Floor

Biological Sciences

Student: Danielle Adekunle
Mentor: Dr. Charles Bieberich
Poster Presentation
UC Ballroom
12:30 p.m. - 3:00 p.m.

“IL-1β Induced Inflammation and MYC Oncogene Activation: A New Model for Colon Carcinogenesis”

Student: Samira Afzali
Mentor: Dr. Rachel Brewster
Poster Presentation
UC Ballroom
10:00 a.m. - 12:30 p.m

“Investigating the Role of RGMa during Neurulation in Zebrafish”

Student: Jhullian Alston
Mentor: Dr. Charles Bieberich
Poster Presentation
UC Ballroom
12:30 p.m. - 3:00 p.m.

“The Role of Androgen Dependence in a Mouse Model of Prostate Cancer”

Student: Sara Azeem
Mentor: Dr. Philip Farabaugh
Poster Presentation
UC Ballroom
12:30 p.m. - 3:00 p.m.

“Effect of the rpsE Mutation on the Strep Dependent Escherichia coli”

Student: Leila Bahmani Kazerooni
Mentor: Dr. Kevin Omland
Poster Presentation
UC Ballroom
12:30 p.m. - 3:00 p.m.

“The Consequences of Combining Mitochondrial DNA and Nuclear DNA for Evolutionary Trees”

Student: Sagar Bajpai
Mentor: Dr. Charles Bieberich
Poster Presentation
UC Ballroom
10:00 a.m. - 12:30 p.m

“Enhancing the Inducible Mouse Model for Prostate Inflammation”

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Student: Alexander Ballard  
Mentor: Dr. Ricardo Feldman  
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“Bone Disorder Study in Gaucher Disease Using GD-hiPSC-derived Cells”

Student: Ademayowa Balogun  
Mentor: Dr. Lasse Lindahl  
Poster Presentation  
UC Ballroom  
10:00 a.m. - 12:30 p.m

“Deletion of Large Loop in Ribosomal Protein L4 Makes Incorporation of L4 into Ribosomes Temperature Dependent”

Student: Niambi Brewer  
Mentor: Dr. Michelle Starz-Gaiano  
Poster Presentation  
UC Ballroom  
10:00 a.m. - 12:30 p.m

“Role of Skywalker in Border Cell Migration”

Student: Sarah Campbell  
Mentor: Dr. Jasenka Borzan  
Poster Presentation  
UC Ballroom  
12:30 p.m. - 3:00 p.m.

“Rat Ultrasonic Signals as a Novel Measure of Spontaneous Pain in the Formalin Model”

Student: Jen Chang  
Mentor: Dr. Weihong Lin  
Poster Presentation  
UC Ballroom  
12:30 p.m. - 3:00 p.m.

“Mathematical Modeling for Signal Transduction in Mammalian Olfactory Sensory Neurons”

Student: Yu-Rei Chang  
Mentor: Dr. Weihong Lin  
Poster Presentation  
UC Ballroom  
10:00 a.m. - 12:30 p.m

“A Volumetric Analysis of the Mouse Accessory Olfactory Bulb”
April 24, 2013

Presenters by Department

University Center 3rd Floor

Student: Hye Hyun Choi
Mentor: Dr. Jeff Leips
Poster Presentation
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Student: Briani Claggett
Mentor: Dr. Jeff Leips
Poster Presentation
UC Ballroom
12:30 p.m. - 3:00 p.m.

“Genetic Basis of Natural Variation in Innate Immune Function: The Role of Phagocytosis”

Student: Sergiu Costinas
Mentor: Dr. Bernard Lohr
Poster Presentation
UC Ballroom
12:30 p.m. - 3:00 p.m.

“Designing a Choice Test for Song Preference in Songbirds”

Student: Sonia Dalal
Mentor: Dr. Suzanne Ostrand-Rosenberg
Poster Presentation
UC Ballroom
10:00 a.m. - 12:30 p.m

“Mutated CD80 May Facilitate T-cell Activation by Inhibiting PDL1-PD1 Suppression and by Costimulation”

Student: Teklu Dawit
Mentor: Dr. Hua Lu
Oral Presentation
UC 310
10:30 a.m.

“Genetic Analysis of the Role of PHT4;6 in Regulating Innate Immunity of Arabidopsis”

Student: Christopher Ecker
Mentor: Dr. Rachel Brewster
Poster Presentation
UC Ballroom
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“Visualizing Levels of ATP in the Brain following Anoxia”

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Student: Lisa Fritts
Mentor: Dr. Jonathan Singer
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“The Gray Area: Learning How to Reach Unmotivated Students”

Student: Sanchari Ghosh
Mentor: Dr. Suzanne Ostrand-Rosenberg
Poster Presentation
UC Ballroom
10:00 a.m. - 12:30 p.m

“Cell Surface Receptors Involved in T-Cell Activation are Down-Regulated in Presence of Tumor in Mice”

Student: Blen Girmay
Mentor: Dr. Mary Mattapallil, Dr. Rachel Caspi
Poster Presentation
UC Ballroom
10:00 a.m. - 12:30 p.m

“HLA-A*29:02 Transgenic Mice as a Model for Birdshot Chorioretinopathy Disease”

Student: Kevin Herold
Mentor: Dr. Phyllis Robinson, Dr. Kathleen Hoffman
Poster Presentation
UC Ballroom
10:00 a.m. - 12:30 p.m

“A Mathematical Model of Melanopsin Activation”

Student: Aymen Hussein
Mentor: Dr. Bernard Lohr
Poster Presentation
UC Ballroom
12:30 p.m. - 3:00 p.m.

“A Comparison of Songs in the Critically Endangered Florida Grasshopper Sparrow and the Eastern Grasshopper Sparrow”

Student: Erica Igwacho
Mentor: Dr. Eric Schott
Poster Presentation
UC Ballroom
12:30 p.m. - 3:00 p.m.

“Detection of a Fatal Reo-like Virus among the Callinectes sapidus in the Northeast Region of the U.S.”
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University Center 3rd Floor

Student: Ki Jung
Mentor: Dr. Bernard Lohr
Poster Presentation
UC Ballroom
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“Song Type Patterning and Song Output in Grasshopper Sparrows (Ammodramus savannarum)”

Student: Madhu Karamsetty
Mentor: Dr. Erik Oleson
Poster Presentation
UC Ballroom
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“A Rat’s Brain on Cannabis: Sub-Chronic Treatment Produces Conditioned Tolerance to its Dopamine-Increasing Effects”

Student: Salar Khaleghzadegan
Mentor: Dr. Stephen Miller
Poster Presentation
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“Analysis of the Epigenetic Regulator Polycomb and its Role in Volvox carteri Cell Differentiation and Multicellularity”

Student: Zulqarnain Khan
Mentor: Dr. Andrea Meredith
Poster Presentation
UC Ballroom
10:00 a.m. - 12:30 p.m

“Effect of GsMTx4 on Mouse Urinary Bladder Smooth Muscle (UBSM) Contractility”

Student: Maithri Kondapaka
Mentor: Dr. Lasse Lindahl, Dr. Janice Zengel
Poster Presentation
UC Ballroom
10:00 a.m. - 12:30 p.m

“The Effects of an L4 Loop Deletion on Lon Protease Activity and CpsB Regulation in Escherichia coli”

Student: Shelly Lai
Mentor: Dr. Thomas Cronin
Poster Presentation
UC Ballroom
10:00 a.m. - 12:30 p.m

“Expression of Opsin in the Eye of the Crayfish Procambarus clarkii”
April 24, 2013

Presenters by Department

Student: **Hiba Malik**  
Mentor: **Dr. Weihong Lin**  
*Poster Presentation*  
UC Ballroom  
12:30 p.m. - 3:00 p.m.

**“Role of TRPM5 in Survival of Olfactory Sensory Neurons”**

Student: **Palmira Mangae**  
Mentor: **Dr. Shawn Bediako**  
*Poster Presentation*  
UC Ballroom  
12:30 p.m. - 3:00 p.m.

**“Epigenetics of Sickle Cell Pain: Is Perceived Stigma Associated with Expression of the COMT Gene?”**

Student: **Gabriella Marano**  
Mentor: **Dr. David Eisenmann**  
*Poster Presentation*  
UC Ballroom  
10:00 a.m. - 12:30 p.m.

**“Identification of Genes Regulating Stem Cell-Like Division of Epithelial Cells in Caenorhabditis elegans”**

Student: **Chelsea Meh**  
Mentor: **Dr. Tanya LeRoith**  
*Poster Presentation*  
UC Ballroom  
12:30 p.m. - 3:00 p.m.

**“Identifying PRRSV Structural Components that Activate Regulatory T Cells and Diminish Protective Immunity”**

Student: **Oliver Muellerklein**  
Mentor: **Dr. Bernard Lohr**  
*Oral Presentation*  
UC 310  
2:45 p.m.

**“Spatial Dynamics and Territory Estimation for Grasshopper Sparrows (Ammodramus savannarum): a Mathematical Model”**

Student: **Victoria Ng**  
Mentor: **Dr. Lasse Lindahl**  
*Poster Presentation*  
UC Ballroom  
10:00 a.m. - 12:30 p.m.

**“Investigating the Role of Ribosomal Protein L17A in Ribosome Biogenesis and its Post-Translational Modifications”**
April 24, 2013

Presenters by Department

Student: Michael Nguyen
Mentor: Dr. Tamra Mendelson
Poster Presentation
UC Ballroom
12:30 p.m. - 3:00 p.m.

“A Comparison of Genetic and Epigenetic Diversity between Urban and Nonurban Populations of a North American Stream Fish”

Student: Akua Nimarko
Mentor: Dr. Weihong Lin
Poster Presentation
UC Ballroom
10:00 a.m. - 12:30 p.m

“Expression of G-protein βγ Subunits in Mouse Vomeronasal Organ”

Student: Ihuoma Njoku
Mentor: Dr. Feng Chen
Poster Presentation
UC Ballroom
10:00 a.m. - 12:30 p.m

“Diversity of Hematodinium and Other Dinoflagellates in Estuarine Environments”

Student: Maeva Nyandjo
Mentor: Dr. Suzanne Ostrand-Rosenberg
Poster Presentation
UC Ballroom
10:00 a.m. - 12:30 p.m

“Chronic Inflammation May Promote Tumor Growth”

Student: Joyce Ohiri
Mentor: Dr. Angela Brodie
Poster Presentation
UC Ballroom
12:30 p.m. - 3:00 p.m.

“Characterizing the AC1-Exemestane Resistant Cell Line in Estrogen-Dependent Breast Cancer”

Student: Oseogie Okojie
Mentor: Dr. Lasse Lindahl, Dr. Janice Zengel
Poster Presentation
UC Ballroom
12:30 p.m. - 3:00 p.m.

“An Analysis on the Effect of Erythromycin on Ribosomal Pausing in Escherichia coli”
April 24, 2013

Presenters by Department

University Center 3rd Floor

Student: Ashleigh Omorogbe
Mentor: Dr. Teodor Postolache, Dr. Ayesha Ashraf
Poster Presentation
UC Ballroom
10:00 a.m. - 12:30 p.m

“Evaluation of Toxoplasma gondii Infection in Patients with Nonfatal Suicidal Self-Directed Violence”

Student: Royce Onyimba
Mentor: Dr. Tonya Webb
Poster Presentation
UC Ballroom
12:30 p.m. - 3:00 p.m.

“The Role of HIF-1α in CD1d-mediated NKT Cell Responses to Mantle Cell Lymphoma”

Student: Kwadwo Owusu-Boaitey
Mentor: Dr. Laundette Jones
Poster Presentation
UC Ballroom
10:00 a.m. - 12:30 p.m

“Evaluation of Brown Adipose Tissue Distribution in the Adult Mouse Mammary Gland”

Student: Brooke Prince
Mentor: Dr. Thomas Cronin
Poster Presentation
UC Ballroom
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“Babies and Biodiversity: How Stomatopod Larval Sampling Improves Estimates of Biodiversity in the Great Barrier Reef”

Student: Samantha Russell
Mentor: Dr. Rachel Brewster
Poster Presentation
UC Ballroom
10:00 a.m. - 12:30 p.m

“Anoxia Results in Microtubule Disorganization in the Hindbrain of Zebrafish”

Student: Jinal Sheth
Mentor: Dr. Michelle Starz-Gaiano
Poster Presentation
UC Ballroom
10:00 a.m. - 12:30 p.m

“A Role for Prolyl-4-Hydroxylase Alpha in Cell Migration in Drosophila melanogaster”

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University Center 3rd Floor

Student: James Stewart II
Mentor: Dr. Nowreen Haq
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“Correlation between Anemia and Congestive Heart Failure with Hospital Stay”

Student: Doris Taylor
Mentor: Dr. Asaf Keller
Poster Presentation
UC Ballroom
12:30 p.m. - 3:00 p.m.

“How Much Pain Exactly? Quantifying Spontaneous Pain due to Spinal Cord Injury from Electrolytic Lesion Model”

Student: Brandon Young
Mentor: Dr. Lasse Lindahl
Oral Presentation
UC 310
10:45 a.m.

“Functional Analysis of a Mutated Tentacle within the L4 Ribosomal Protein”

Student: Shannon Zik
Mentor: Dr. Marcin Ptaszek
Poster Presentation
UC Ballroom
12:30 p.m. - 3:00 p.m.


Chemical, Biochemical, and Environmental Engineering

Student: Zach Bailey
Mentor: Dr. Mariajose Castellanos
Poster Presentation
UC Ballroom
12:30 p.m. - 3:00 p.m.

“Investigating the Effects of Beta-Amyloid’s Interaction with G-protein Coupled Receptors on a Rat Hippocampal Neuron”

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Student: Nadine Bucca
Mentor: Dr. Michael Summers
Oral Presentation
UC 310
3:30 p.m.

“Determining the Structure of the HIV-1 Matrix and Native PI(4,5)P2 Complex”

Student: Robert Burton
Mentor: Dr. Lee Blaney
Poster Presentation
UC Ballroom
12:30 p.m. - 3:00 p.m.

“Removal of Tetracycline Antibiotics from Water Using the UV-H₂O₂ Process”

Student: Andrew Dillon
Mentor: Dr. Mariajose Castellanos
Poster Presentation
UC Ballroom
10:00 a.m. - 12:30 p.m

“Optimization of a Process: Are Algae-based Biofuels the Solution to the Energy Crisis?”

Student: Hamsa Gowda
Mentor: Dr. Yordan Kostov
Poster Presentation
UC Ballroom
10:00 a.m. - 12:30 p.m


Student: Zachary Hopkins
Mentor: Dr. Lee Blaney
Poster Presentation
UC Ballroom
10:00 a.m. - 12:30 p.m

“Ozone Treatment of Tetracycline Antibiotics: Transformation Kinetics and Removal in Water/Wastewater Matrices”

Student: Dalton Hughes,
Swarnalatha Balasubramanian
Mentor: Dr. Jennie Leach
Poster Presentation
UC Ballroom
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“Quantitative Profile of Astrocyte Morphologies in 2D and 3D Environments”

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Student: Dalton Hughes, Chris Mullen
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Student: Carmen Matos
Mentor: Dr. Leah Tolosa
Poster Presentation
UC Ballroom
10:00 a.m. - 12:30 p.m

“Non-invasive Glucose Biosensor with Fluorescent Glucose Binding Protein”

Student: John Packard
Mentor: Dr. Jennie Leach
Poster Presentation
UC Ballroom
10:00 a.m. - 12:30 p.m

“Qualitative Characterization of Astrocytes in 2D and 3D Environments”

Student: Sebastian Snowberger
Mentor: Dr. Lee Blaney
Poster Presentation
UC Ballroom
10:00 a.m. - 12:30 p.m

“Wastewater Treatment of Fluoroquinolone Antibiotics Using UV-Based Processes”

Student: Christopher Yankaskas
Mentor: Dr. Mark Marten
Poster Presentation
UC Ballroom
12:30 p.m. - 3:00 p.m.

“Morphological Characterization of Aspergillus nidulans Autophagy Mutants”
April 24, 2013

Presenters by Department

Chemistry and Biochemistry

Student: Kelin Brace
Mentor: Dr. Katherine L. Seley-Radtke
Poster Presentation
UC Ballroom
10:00 a.m. - 12:30 p.m

“Synthesis of Carbocyclic Nucleosides”

Student: Brian Brown
Mentor: Dr. Katherine L. Seley-Radtke
Poster Presentation
UC Ballroom
12:30 p.m. - 3:00 p.m.

“Synthesis of Cyclic and Acyclic Nucleotide Viral Polymerase Inhibitors”

Student: John Chavis
Mentor: Dr. Elsa Garcin
Poster Presentation
UC Ballroom
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“Understanding the Interaction between Glyceraldehyde-3-Phosphate Dehydrogenase and Endothelin-1 mRNA”

Student: Nathan Fastman
Mentor: Dr. Paul Smith
Poster Presentation
UC Ballroom
10:00 a.m. - 12:30 p.m

“Novel Inhibitors of the Hepatitis C Helicase”

Student: Margaret Gillan
Mentor: Dr. Lisa Kelly
Poster Presentation
UC Ballroom
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“Fluorescence of Dually Labeled Acrylamide Nanogels”
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Presenters by Department

University Center 3rd Floor

Student: Scott Johnson
Mentor: Dr. Ian Thorpe
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UC Ballroom
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“Understanding the Lipid Biosynthetic Pathway in Chlamydomonas reinhardtii with Deterministic Kinetic Modeling”

Student: Adam Mayer
Mentor: Dr. Brian Cullum
Poster Presentation
UC Ballroom
10:00 a.m. - 12:30 p.m.

“The Development of Optimized SERS SAM Nanosensors for Intracellular Applications”

Student: Casey A. Medairy
Mentor: Dr. Jonathan Singer
Poster Presentation
UC Ballroom
10:00 a.m. - 12:30 p.m.

“The Impacts of Technology on a Non-Traditional (Flipped) Classroom”

Student: Mansi Mehta
Mentor: Dr. Michael Summers
Poster Presentation
UC Ballroom
10:00 a.m. - 12:30 p.m.

“Inhibition of Human Immunodeficiency Virus-1 Capsid Protein Assembly”

Student: Uchenna Okoro
Mentor: Dr. Katherine L. Soley-Radtke
Poster Presentation
UC Ballroom
12:30 p.m. - 3:00 p.m.

“Flexible Guanosine Nucleobase Analogues as Antiviral Agents”

Student: Christina Parker
Mentor: Dr. Marie-Christine Daniel
Poster Presentation
UC Ballroom
12:30 p.m. - 3:00 p.m.

“Synthesis of a Transferrin Functionalized Dendron for Targeting Advanced Stages of Cancer”

Sponsored by the Office of Undergraduate Education umbc.edu/undergrad_ed/urcad
Student:  **Kedar Perkins**  
Mentor: **Dr. Marie-Christine Daniel**  
Poster Presentation  
UC Ballroom  
12:30 p.m. - 3:00 p.m.

“Gold Nanoparticle as X-Ray CT Contrast Agent in the Detection of Cardiovascular Diseases”

Student:  **James Taylor**  
Mentor: **Dr. Ryan White**  
Oral Presentation  
UC 310  
2:15 p.m.

“Characterizing Surface Conditions of Micro- and Nano-Electrodes for Electrochemical DNA-Based Sensors”

Student:  **Samiullah Wagan**  
Mentor: **Dr. Ryan White**  
Poster Presentation  
UC Ballroom  
12:30 p.m. - 3:00 p.m.

“Biocompatible Coated Electrodes for Long Term in vivo Sensing”

Student:  **Alexander Winton**  
Mentor: **Dr. Mark Allen**  
Poster Presentation  
UC Ballroom  
10:00 a.m. - 12:30 p.m.

“Isolating Polypeptides for Bio-tethering in Lithium Ion Battery Electrodes”
April 24, 2013

Presenters by Department

Computer Science and Electrical Engineering

Student: UMBC Game Developer’s Club: Andrew Battisti, Paul Tschirigi, Michael Leung, Alex Lacey, Isaac Sohn, Jeremy Rimpo, Eliot Carney-Seim, David Kim, Jimmy Horner, Jonathan Moriarty, Alex Grube, Nathan Lam, Katherine Jay, Calvin Kumagai, Ashley Dotson, Gloria Ngo
Mentor: Dr. Marc Olano
Poster Presentation
UC Ballroom
12:30 p.m. - 3:00 p.m.

Student: Michael Berlin
Mentor: Dr. Tim Finin
Poster Presentation
UC Ballroom
10:00 a.m. - 12:30 p.m

Student: Kenneth Derda, Jon Schubbe, Ian McGaughran, Richard Adjogah, Jason Garcia, Timothy Noel
Mentor: Dr. Marc Olano
Poster Presentation
UC Ballroom
12:30 p.m. - 3:00 p.m.

“Experiences in Group Game Development”

“Using Machine Learning to Classify Trouble Tickets”

“Puzzle Box: Video Game to Challenge Spatial Perception through Three-Dimensional Puzzles”
Student: **David Eisen**  
Mentor: **Dr. Fow-Sen Choa**  
**Oral Presentation**  
UC 310  
11:00 a.m.

“Mid-Infrared Optical Stimulations for Non-Contact Neural Excitation”

Student: **Julian Feild**  
Mentor: **Dr. Tinoosh Mohsenin**  
**Poster Presentation**  
UC Ballroom  
10:00 a.m. - 12:30 p.m.

“A High-Performance, Low-Power Many-Core Processor for DSP Applications”

Student: **Thomas A. Hervey, Aneep S. Bindra, Zachary B. Hullihen**  
Mentor: **Dr. Marc Olano, Dr. Carol Hess**  
**Artistic Performance Presentation**  
FA 317  
11:15 a.m.

“Lights, Camera, Motion, Action: The Dance Application of Microsoft's Kinect and Intelligent Stage Lighting”

Student: **Thomas A. Hervey, Aneep S. Bindra, Zachary B. Hullihen**  
Mentor: **Dr. Marc Olano, Dr. Carol Hess**  
**Poster Presentation**  
UC Ballroom  
12:30 p.m. - 3:00 p.m.

“Lights, Camera, Motion, Action: The Dance Application of Microsoft's Kinect and Intelligent Stage Lighting”

Student: **David Mai**  
Mentor: **Dr. Marc Olano**  
**Poster Presentation**  
UC Ballroom  
10:00 a.m. - 12:30 p.m.

“Detached, Video Game”
April 24, 2013

Presenters by Department

University Center 3rd Floor

Student: Jonathan Moriarty
Mentor: Dr. Marc Olano
Poster Presentation
UC Ballroom
10:00 a.m. - 12:30 p.m.

“Derelict, An Experiment In Virtual Reality Game Development”

Student: Alexander Morrow
Mentor: Dr. Marie desJardins
Oral Presentation
UC 310
3:00 p.m.

“Comparison of Dimension Reduction Techniques”

Dance

Student: Alexis DeVance
Mentor: Mr. Doug Hamby
Artistic Performance Presentation
FA 317
10:15 a.m.

“Ceremony of Memory”

Student: Josephine Kalema
Mentor: Dr. Jonathan Singer
Poster Presentation
UC Ballroom
10:00 a.m. - 12:30 p.m.

“How Can Dance be Used to Help Students in Math?”

Student: Meagan Singleton
Mentor: Mr. Doug Hamby
Artistic Performance Presentation
FA 317
11:00 a.m.

“Immersion”

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Presenters by Department

University Center 3rd Floor

April 24, 2013

Student: Franki Trout
Mentor: Dr. Jonathan Singer
Poster Presentation
UC Ballroom
12:30 p.m. - 3:00 p.m.

“Dance As Support In An English Classroom”

Economics

Student: Atara Oliver
Mentor: Dr. Dennis Coates
Poster Presentation
UC Ballroom
10:00 a.m. - 12:30 p.m

“Information Technology and Consumer Transportation Expenditures: Substitutes or Complements?”

Student: William Rice
Mentor: Dr. David Mitch
Oral Presentation
UC 312
10:15 a.m.

“The Humble Beginnings of Public Education”

English

Student: Comfort Azubuko-Udah
Mentor: Dr. Jessica Berman
Oral Presentation
UC 310
3:45 p.m.

“Literary Discourses on Women’s Evolving Social Status in Nigeria”

Student: Lauren Bucca
Mentor: Dr. Gail Orgelfinger
Oral Presentation
UC 312
10:30 a.m.

“St. Cuthbert and Pilgrimage 664-2012 AD: The Heritage of the Patron Saint of Northumbria”
Presenters by Department

Student: Kristen English  
Mentor: Dr. Jonathan Singer  
**Poster Presentation**  
UC Ballroom  
10:00 a.m. - 12:30 p.m.

“Vocabulary Acquisition and Retention: An Inner City Profile”

Student: Samantha Glass  
Mentor: Dr. Jonathan Singer  
**Poster Presentation**  
UC Ballroom  
10:00 a.m. - 12:30 p.m.

“Multi-Genre Approaches to Critical Thinking”

Student: Hannah Kurlansky  
Mentor: Dr. Lindsay DiCuirci  
**Oral Presentation**  
UC 310  
4:00 p.m.

“Speaking for Whom: Authenticity and Vocal Performance in Invisible Man”

Student: Janet Ludlow  
Mentor: Dr. Jonathan Singer  
**Poster Presentation**  
UC Ballroom  
10:00 a.m. - 12:30 p.m.

“Effects of External Incentives on Secondary Students to Complete Homework Assignments”

English

Student: Marissa Regelin  
Mentor: Ms. Sally Shivnan, Ms. Guenet Abraham  
**Artistic Exhibit Presentation**  
Hall Table  
10:00 a.m. – 3:00 p.m.

“Bartleby 2013: Behind the Scenes”
April 24, 2013

Presenters by Department

Gender and Women's Studies

Student: **Kevin Triplett**  
Mentor: **Dr. Carole McCann**  
**Oral Presentation**  
UC 312  
3:45 p.m.

**“Overcoming Reproductive Barriers: Memoirs of Gay Fatherhood”**

Geography and Environmental Systems

Student: **Alexis Brown**  
Mentor: **Dr. Robert Belas**  
**Poster Presentation**  
UC Ballroom  
10:00 a.m. - 12:30 p.m

**“The Universality of Roseobacter Motility Inducer (RMI) within the Roseobacter Clade”**

Student: **William Eckert**  
Mentor: **Dr. Junmei Tang**  
**Poster Presentation**  
UC Ballroom  
10:00 a.m. - 12:30 p.m

**“Impact of Population Growth and Urbanization on Local Climate Change”**

Student: **Kelley Mason**  
Mentor: **Dr. Margaret Holland**  
**Oral Presentation**  
UC 312  
10:45 a.m.

**“Assessing the Impacts of Corridor Conservation on Local Communities in Costa Rica”**

Student: **Natasha Nubgaard**  
Mentor: **Dr. Jonathan Singer**  
**Poster Presentation**  
UC Ballroom  
12:30 p.m. - 3:00 p.m.

**“Increasing Homework Turn-in Rates in Tenth-Grade Biology Classes”**
April 24, 2013

Presenters by Department

University Center 3rd Floor

Student: **Matthew Schley**  
Mentor: **Dr. Matthew Baker**  
Poster Presentation  
UC Ballroom  
10:00 a.m. - 12:30 p.m.

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“**Exploratory Time Series Analysis of Urbanization Impacts on Stream Chemistry and Macroinvertebrates**”

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Health Administration and Policy

Student: **Abigail Boateng**  
Mentor: **Dr. Mary Stuart**  
Poster Presentation  
UC Ballroom  
10:00 a.m. - 12:30 p.m.

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“**Minorities in Adaptive Physical Activity: A Community Exercise Intervention Program for Stroke Patients**”

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Student: **Sania Malik**  
Mentor: **Dr. Anna Durbin**  
Poster Presentation  
UC Ballroom  
12:30 p.m. - 3:00 p.m.

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“**Testing Ability of Live Attenuated Tetravalent Dengue Vaccine to Develop Antibodies against All Types of Dengue Virus**”

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Student: **Heather Rogers**  
Mentor: **Dr. Maureen Black**  
Poster Presentation  
UC Ballroom  
12:30 p.m. - 3:00 p.m.

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“**Examining the Relationship between BMI and Depressive Symptoms in African-American Adolescent Females**”

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History

Student: **Jason Adams**  
Mentor: **Dr. Jonathan Singer**  
Poster Presentation  
UC Ballroom  
10:00 a.m. - 12:30 p.m.

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“**Using Student Designed Extra Credit to Increase Student Academic Achievement**”

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April 24, 2013

Presenters by Department

University Center 3rd Floor

Student: Aimee Bark
Mentor: Ms. Jonathan Singer
Poster Presentation
UC Ballroom
12:30 p.m. - 3:00 p.m.

“Homework Motivation Strategies”

Student: Tatiana Bradshaw
Mentor: Dr. Jonathan Singer
Poster Presentation
UC Ballroom
12:30 p.m. - 3:00 p.m.

“Student Involvement, Academic Achievement, and Social Interaction”

Student: Abigail Bratcher
Mentor: Dr. Kate Brown
Oral Presentation
UC 312
10:00 a.m.

“Where Do I Fit In?: Affixing a Scholar in Soviet Historiography in the West”

Student: Joseph Evans
Mentor: Dr. Jonathan Singer
Poster Presentation
UC Ballroom
12:30 p.m. - 3:00 p.m.

“Improving Rates of Attendance through Student Awareness”

Student: Zachary Francis
Mentor: Dr. Jonathan Singer
Poster Presentation
UC Ballroom
12:30 p.m. - 3:00 p.m.

“Easing the Transition to High School for Freshmen Students through Positive Peer Influence”

Student: Joshua Pleasant
Mentor: Dr. Jonathan Singer
Poster Presentation
UC Ballroom
10:00 a.m. - 12:30 p.m.

“Increasing Writing Activities to Improve Test Scores”

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Presenters by Department

University Center 3rd Floor

Student: Morey Rosner
Mentor: Dr. Jonathan Singer
Poster Presentation
UC Ballroom
12:30 p.m. - 3:00 p.m.

“The Subtle Homework Transition: Starting Homework Achievement in Class”

Student: Thomas Vigliotti
Mentor: Dr. Jonathan Singer
Poster Presentation
UC Ballroom
10:00 a.m. - 12:30 p.m

“Improving Student Writing by Practicing Self and Peer Review”

Student: Jennifer Wachtel
Mentor: Dr. Meredith Oyen
Poster Presentation
UC Ballroom
12:30 p.m. - 3:00 p.m.

“Popular and Academic Comparisons of the United States' Iraq War and Vietnam War”

Student: Connor Wilkinson
Mentor: Dr. Jonathan Singer
Poster Presentation
UC Ballroom
10:00 a.m. - 12:30 p.m

“Strategies for History Teachers to Raise Students SAT Verbal Scores”

Student: Lauren Wood
Mentor: Dr. Jonathan Singer
Poster Presentation
UC Ballroom
10:00 a.m. - 12:30 p.m

“A Tiered Approach to Classroom Management”

Information Systems

Student: Uvonne Andoh
Mentor: Dr. Amy Hurst
Poster Presentation
UC Ballroom
12:30 p.m. - 3:00 p.m.

“3D Modeling for Older Adults”

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April 24, 2013

Presenters by Department

University Center 3rd Floor

Student: **Yevgeniy Arber**  
Mentor: **Dr. Ravi Kuber**  
Poster Presentation  
UC Ballroom  
10:00 a.m. - 12:30 p.m.

“Dynamic Access to the Web Using Haptics”

Student: **Caroline Brunschwiler**  
Mentor: **Dr. Ravi Kuber**  
Poster Presentation  
UC Ballroom  
12:30 p.m. - 3:00 p.m.

“Using Mobile Technologies to Support Procedural Memory for Individuals with Executive Functioning Deficits”

**Interdisciplinary Studies**

Student: **Vivian Chioma**  
Mentor: **Dr. Joseph Cheer,** **Dr. Erik Oleson**  
Poster Presentation  
UC Ballroom  
10:00 a.m. - 12:30 p.m.

“Fear Be Gone: Endocannabinoids Modulate Subsecond Dopamine Release During the Extinction of Fear Memories”

Student: **Adam Gerber**  
Mentor: **Dr. Rachel Brewster,** **Dr. Zoe Warwick**  
Oral Presentation  
UC 310  
11:15 a.m.

“The Integration of the Biological and Psychological Manifestations of Traumatic Brain Injury (TBI)”

Student: **Shana Kadavil**  
Mentor: **Dr. Ke Ren,** **Dr. Vanessa Anseloni**  
Poster Presentation  
UC Ballroom  
12:30 p.m. - 3:00 p.m.

“Assessing the Affective Component of Pain”

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Presenters by Department

University Center 3rd Floor

Student: Asif Majid
Mentor: Mr. Steven McAlpine
Oral Presentation
UC 310
11:30 a.m.

Student: Luis Queral
Mentor: Dr. Greg Metcalf
Oral Presentation
UC 312
11:00 a.m.

Student: Yohka Tanaka
Mentor: Mr. David Hoffman
Poster Presentation
UC Ballroom
12:30 p.m. - 3:00 p.m.

“SHOWHAUS: An Open-Source Directory for Underground, Fringe Music and Art Communities”

“Social Entrepreneurship: My Strategy to Bring about a Change on UMBC Campus”

Mathematics and Statistics

Student: Sandya Lakkur
Mentor: Dr. Robert McMahon
Poster Presentation
UC Ballroom
12:30 p.m. - 3:00 p.m.

Student: Donald Richardson
Mentor: Dr. Bradford Peercy, Dr. Michelle Starz-Gaiano
Poster Presentation
UC Ballroom
10:00 a.m. - 12:30 p.m.

“Multiple Imputation Analysis of Cognitive Differences in Schizophrenia Subgroups Compared to Controls”

“Development of a Cell Migration Model to Characterize Clustered Movements”

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Presenters by Department

University Center 3rd Floor

Student: David Stonko
Mentor: Dr. Bradford Peercy, Dr. Michelle Starz-Gaiano
Oral Presentation
UC 310
2:00 p.m.

“A Force-Based Approach to Unraveling the Mechanism of Cell Migration”

Student: Ashley Witkowski
Mentor: Dr. Jonathan Singer
Poster Presentation
UC Ballroom
10:00 a.m. - 12:30 p.m.

“Coach Class: Effectiveness on Improving Student’s Math and Science Content Knowledge”

Mechanical Engineering

Student: Matthew Buchanan
Mentor: Dr. Marcus Zupan
Poster Presentation
UC Ballroom
12:30 p.m. - 3:00 p.m.

“Characterization of Carbon Nano-Structure Infused Fiber Reinforcements on Glass Fiber Substrates”

Student: Korine Duval
Mentor: Dr. Liang Zhu
Poster Presentation
UC Ballroom
10:00 a.m. - 12:30 p.m

“Modeling Nanoparticle Heat Transfer in Tumors”

Student: Joshua Hooks
Mentor: Dr. Tony Farquhar
Oral Presentation
UC 310
1:45 p.m.

“Parametric Study of a Precise Heating and Cooling Technology Applicable to Microchannel Flow”

Student: Christopher Paymon
Mentor: Dr. Marc Zupan
Poster Presentation
UC Ballroom
12:30 p.m. - 3:00 p.m.

“Local Mechanical Behavior Measurements of Friction Stir Welded Titanium”
April 24, 2013

Presenters by Department

University Center 3rd Floor

Media and Communication Studies

Student: Christina Animashaun
Mentor: Mr. Mark Durant
Oral Presentation
UC 312
3:00 p.m.

“My Gray Life: Performing for the Spectator”

Modern Language, Linguistics, and Intercultural Communication

Student: Gabriela Joseph
Mentor: Dr. Jonathan Singer
Poster Presentation
UC Ballroom
10:00 a.m. - 12:30 p.m

“Evaluating the Impact of Guest Speakers in the Foreign Language (Spanish) Classroom”

Student: Hannah Kurlansky
Mentor: Dr. John Stolle-McAllister
Oral Presentation
UC 310
1:30 p.m.

“The Culture in Linguistics: How Language Colors Childhood Imagination”

Student: Adam Mayer
Mentor: Ms. Susanne Sutton
Film Presentation
FA 221
2:15 p.m.

“Al Tishkach: A Story of Holocaust Survival in the Context of Modern Anti-Semitism”

Student: Soraya Veloso Williams
Mentor: Dr. John Stolle-McAllister
Poster Presentation
UC Ballroom
12:30 p.m. - 3:00 p.m.

“The New Left of Latin America: Popular or Authoritarian Leaders? The Case of Ecuador's Rafael Correa”

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Presenters by Department

University Center 3rd Floor

Music

Student: James Carlson  
Mentor: Dr. Jonathan Singer  
Poster Presentation  
UC Ballroom  
12:30 p.m. - 3:00 p.m.

“MP3 Players and Other Handheld Devices in Schools”

Student: Ellen Green  
Mentor: Dr. Jonathan Singer  
Oral Presentation  
UC 312  
3:15 p.m.

“Teaching Music Notation Using Music Learning Theory Pattern Instruction Versus Traditional Instrumental Methods”

Student: Yoshiaki Horiguchi  
Mentor: Dr. Jonathan Singer  
Oral Presentation  
UC 312  
4:00 p.m.

“The Correlation between the Level of Performance and Classroom Outlook and Self-Efficacy”

Student: Taylor Jenkins  
Mentor: Dr. Jonathan Singer  
Poster Presentation  
UC Ballroom  
10:00 a.m. - 12:30 p.m.

“Losing Attendance in School”

Student: Brandon Lebe  
Mentor: Dr. Jonathan Singer  
Poster Presentation  
UC Ballroom  
12:30 p.m. - 3:00 p.m.

“Multiple Intelligence and Music”

Student: Elizabeth Milligan  
Mentor: Dr. Lisa Cella  
Oral Presentation  
UC 310  
1:00 p.m.

“The Changing Standards of Flute Performance in the Nineteenth and Twentieth Centuries”
April 24, 2013

Presenters by Department

University Center 3rd Floor

Student: **Andrew Wright**
Mentor: **Dr. Linda Dusman**
Oral Presentation
UC 310
1:15 p.m.

“Players for a String Quartet”

**Physics**

Student: **Aryana Arsham**
Mentor: **Dr. Markos Georganopoulos**
Poster Presentation
UC Ballroom
12:30 p.m. - 3:00 p.m.

“The Radiative Deceleration of Large-Scale Extragalactic Jets at Large Cosmological Redshifts”

Student: **Soutry De**
Mentor: **Dr. Michael Hayden**
Poster Presentation
UC Ballroom
10:00 a.m. - 12:30 p.m


Student: **Brent McBride**
Mentor: **Dr. Zhibo Zhang**
Oral Presentation
UC 310
3:15 p.m.

“Monte Carlo Simulation (MCS) of Photon Transport in Three-Dimensional Clouds”

Student: **Nathan Scavilla**
Mentor: **Dr. Lynn Sparling**
Poster Presentation
UC Ballroom
12:30 p.m. - 3:00 p.m.

“An Investigation of Wind Shear in the Coastal Mid-Atlantic with Applications to Wind Energy”

Physics

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April 24, 2013

Presenters by Department

University Center 3rd Floor

Student: David Sweigart  
Mentor: Dr. Michael Hayden  
Poster Presentation  
UC Ballroom  
12:30 p.m. - 3:00 p.m.  

“Designing and Simulating THz Waveguide Devices using Finite Element Techniques”

Political Science

Student: Nathaniel Buechler  
Mentor: Dr. Carolyn Forestiere  
Oral Presentation  
UC 312  
2:45 p.m.

“Neo-Corporatism and the 2008 Financial Crisis: The Relations between Western States and Supranational Corporations”

Student: Jacob Keener  
Mentor: Dr. Cynthia Hody  
Poster Presentation  
UC Ballroom  
12:30 p.m. - 3:00 p.m.

“Democracy and Peace Reconsidered”

Student: Anthony Rizkalla  
Mentor: Dr. Lisa Vetter  
Poster Presentation  
UC Ballroom  
10:00 a.m. - 12:30 p.m.


Student: Morgan Russo  
Mentor: Dr. Lisa Vetter  
Poster Presentation  
UC Ballroom  
12:30 p.m. - 3:00 p.m.

“Building a Better Community: St. Augustine's City of God”

Student: Paul Weisko  
Mentor: Dr. Devin Hagerty  
Oral Presentation  
UC 312  
2:30 p.m.

“People's Liberation Army Navy- Can it Defeat the U.S. Navy?”

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April 24, 2013

Presenters by Department

Psychology

Student: Kathryn Benson
Mentor: Dr. Robin Barry
Poster Presentation
UC Ballroom
10:00 a.m. - 12:30 p.m

“The Role of Positive Temperament in Promoting Intimacy and Overcoming Avoidant Attachment”

Student: Grace Calvin
Mentor: Dr. Charissa Cheah
Poster Presentation
UC Ballroom
10:00 a.m. - 12:30 p.m

“Acculturative Experiences, Psychological Well-being, and Parenting among Chinese Immigrant Families”

Student: Arielle Dolegui
Mentor: Dr. Karen Watkins-Lewis
Oral Presentation
UC 312
2:15 p.m.

“The Effect of Listening to Different Genres of Music on Cognitive Processing Outcomes”

Student: Casey Dubac
Mentor: Dr. Robin Barry
Poster Presentation
UC Ballroom
10:00 a.m. - 12:30 p.m

“Mood Disorders and Romantic Relationships”

Student: Briana Garrett
Mentor: Dr. Diane Alonso
Poster Presentation
UC Ballroom
10:00 a.m. - 12:30 p.m

“Horror Movies and Emotional Calibration: How Revulsion Heightens Fear”

Student: Sam Kott
Mentor: Dr. Robin Barry
Poster Presentation
UC Ballroom
10:00 a.m. - 12:30 p.m

“Do You See What I See?: Self-Partner Agreement for Disengaged and Engaged Behavior During Couple's Communication”

Back to Top
Student: **Kristen R. Kreider, Samantha M. Braatz**  
Mentor: Dr. Lynnda Dahlquist  
**Poster Presentation**  
UC Ballroom  
12:30 p.m. - 3:00 p.m.  

“The Effects of Virtual Reality Distraction and Background Noise on Pain Tolerance in College Students”

Student: **Catherine Krynick**  
Mentor: Dr. Nicole Else-Quest  
**Poster Presentation**  
UC Ballroom  
10:00 a.m. - 12:30 p.m  

“Ethnic Differences in Gender-Role Attitudes”

Student: **Karah Kuczarski**  
Mentor: Dr. Robin Barry  
**Poster Presentation**  
UC Ballroom  
12:30 p.m. - 3:00 p.m.  

“The Influence of Social Anxiety Symptoms on Perceptual Bias during Couple Conflict”

Student: **Stephanie McKenney**  
Mentor: Dr. Carlo DiClemente  
**Poster Presentation**  
UC Ballroom  
10:00 a.m. - 12:30 p.m  

“How Sports and Exercise Affect Tobacco and Alcohol Use Risks Among Maryland High School Students”

Student: **Megan Megan C. Pejsa**  
Mentor: Dr. Lynnda Dahlquist  
**Poster Presentation**  
UC Ballroom  
10:00 a.m. - 12:30 p.m  

“Video Game Distraction for Acute Pain: The Effects of Pre-Trial Training”

Student: **Megan Pejsa**  
Mentor: Dr. Maureen Black  
**Poster Presentation**  
UC Ballroom  
12:30 p.m. - 3:00 p.m.  

“Detecting Unhealthy Eating Attitudes and Behaviors among African-American Girls of Varying Weight Status”
April 24, 2013

Presenters by Department

University Center 3rd Floor

Student: Megan Powell
Mentor: Dr. Christopher Murphy
Poster Presentation
UC Ballroom
12:30 p.m. - 3:00 p.m.

“Motivational Interviewing and Intimate Partner Violence: An Eight-Year Follow-Up on Men Who Batter”

Student: Dana Robinson
Mentor: Dr. Diane Alonso
Oral Presentation
UC 312
3:30 p.m.

“Multi-modal Learning with Tablet Computers”

Student: Caitlin Rush
Mentor: Dr. Robin Barry
Poster Presentation
UC Ballroom
10:00 a.m. - 12:30 p.m

“The Development of a Coding System to Measure Memory for Conversation”

Student: Keena Santos
Mentor: Dr. Mariano Sto. Domingo
Poster Presentation
UC Ballroom
10:00 a.m. - 12:30 p.m

“Does Sense of Belonging Affect One's Perception of Community?”

Student: Sabrina Shah
Mentor: Dr. David Schultz
Poster Presentation
UC Ballroom
10:00 a.m. - 12:30 p.m

“Designing Online Content to Involve Parents in School-Based Prevention Programming”

Student: Melissa Zarger
Mentor: Dr. Lynnda Dahlquist
Poster Presentation
UC Ballroom
10:00 a.m. - 12:30 p.m

“The Effect of Minority and Socioeconomic Status on Parental Involvement”

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Presenters by Department

University Center 3rd Floor

Social Work

Student: Kathleen Algire-Fedarcyk
Mentor: Dr. Jessica Guzman-Rea
Poster Presentation
UC Ballroom
10:00 a.m. - 12:30 p.m

“Promoting Social Change through Service-Learning”

Sociology and Anthropology

Student: Timileyin Adediran
Mentor: Dr. Angelica Herrera
Poster Presentation
UC Ballroom
10:00 a.m. - 12:30 p.m

“Cross-sectional Analysis of Cognitive Impairment and Depression Among Older Hispanics in Washington, D.C.”

Theatre

Student: Christopher Dews, Samrawit Belai
Mentor: Ms. Eve Muson
Artistic Performance
Presentation
FA 317
10:30 a.m.

“The Irene Ryan Acting Competition: Practical Process for Performance”

Student: Mabelle Fomundam
Mentor: Dr. Alan Kreizenbeck
Artistic Performance
Presentation
FA 317
11:30 a.m.

“Storytelling”
April 24, 2013

Presenters by Department

University Center 3rd Floor

Student: Daniel Roeder
Mentor: Dr. Susan McCully
Artistic Performance Presentation
FA 317
10:45 a.m.

"Terms of Art": Interpreting Mamet's Oleanna for the Stage

Visual Arts

Student: Pierre Andre
Mentor: Mr. Frederic Worden, Dr. John Sturgeon
Film Presentation
FA 221
1:30 p.m.

"Media Crisis"

Student: Ronald Blevins
Mentor: Mr. Frederic Worden
Film Presentation
FA 221
1:15 p.m.

"Portraying the Sea in Two Dimensions"

Student: Maxx Gaigler
Mentor: Mr. Steven Silberg
Artistic Exhibit Presentation
Lobby Wall
10:00 a.m. - 12:30 p.m.

"A Photographic Study of Motion"

Student: Anne Gray, Wesley Lok, Kameron Pyron, John Ford, Timothy McFadden, Samuel Parrish, Andrew Yoell
Mentor: Dr. Marc Olano
Poster Presentation
UC Ballroom
10:00 a.m. - 12:30 p.m.

"Earn Your Wings"

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April 24, 2013

Presenters by Department

Student: **Deon Griffin**
Mentor: **Mr. Fred Worden**
Film Presentation
FA 221
2:00 p.m.

Student: **Steven P. Hart, Shing-Ling Huang, Alisa Burdeyny, Kyle Conway, Thomas Brickwedde, Isaac Sohn**
Mentor: **Dr. Marc Olano**
Oral Presentation
UC 310
2:30 p.m.

Student: **David Harton**
Mentor: **Mr. Frederic Worden**
Film Presentation
FA 221
1:45 p.m.

“Economical Method of Developing a Short Film”

“Umbrella - Charisma as Gameplay in Modern Videogames”

“Perspective”