

April 28, 2010

**UNDERGRADUATE
Research & Creative
Achievement Day**



Master Roster of Presenters

University Center 3rd Floor

Scroll down to see the presenters from these departments

American Studies

Ancient Studies

Biochemistry

Bioinformatics

Biological Sciences

Chemical Engineering

Chemistry

English

Environmental Science

Fine Arts Recital Hall

Fine Arts 221

Games and Virtual Reality

Gender and Women's Studies

Health Administration and Public Policy

History

Mathematics

Mechanical Engineering

Modern Languages and Linguistics

Music

Of Interest to English Language Center

Physics

Political Science

Psychology

Sociology

Theatre

Visual Arts

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Master Roster of Presenters

University Center 3rd Floor

Welcome

9:00 - 9:15 a.m.

UC 312

Remarks by Elliot Hirshman, Provost, and
Lasse Lindahl, Program Director, MARC U*STAR and
Chair, Department of Biological Sciences

American Studies

Oral Presentations

Student: **JoAnna Gavigan**
Mentor: **Dr. Carole McCann**

10:00 - 10:15 a.m.

UC 312

“Gender and Sexual Identity in the Pursuit of Asylum”

Student: **Katie Dix**
Mentors: **Dr. Nicole King**

Dr. Edward Orser

1:45 - 2:00 p.m.

FA 221

**“The Humane Metropolis: Using Environmental
Initiatives to Benefit Urban Neighborhoods”**

Student: **Cara Gibson**
Mentor: **Dr. Warren Belasco**

2:00 - 2:15 p.m.

FA 221

“Diet Coke: America on a Diet”

Ancient Studies

Student: **Jarrett Farmer**
Mentor: **Dr. Michael Lane**

Poster Presentation

12:30 - 3:00 p.m.

UC Second Floor

“The Megaron at Pylos: A New Interpretation”

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Student: **Catherine Pasqualoni,
Christina Ross, Katherine Bentz**
Mentor: **Dr. Richard Mason**

“New Perspectives on Old Views”

Oral Presentation

11:15 - 11:30 a.m.

UC 310

Exhibit and Discussion

12:00 a.m. - 1:00 p.m.

Library Rotunda

Poster Presentation

12:30 - 3:00 p.m.

University Center 2nd Floor

Biochemistry and Molecular Biology

Oral Presentations, UC 310

Student: **Igor Shusterman**
Mentor: **Dr. Patricio O'Donnell**
10:30 - 10:45 a.m.

“Prefrontal Cortex Deficits in a Value-Based Odor-Discrimination Task in a Rat Model of Schizophrenia”

Student: **Destiney Buelto**
Mentor: **Dr. Laundette Jones**
2:00 - 2:15 p.m.

“Identification of Brown Adipose Tissue in the Adult Mammary Gland of Brca1-mutant Mice”

Student: **Sunaina Khandelwal**
Mentor: **Dr. Alessio Fasano**
2:15 - 2:30 p.m.

“Gliadin is a Chemo-Attractant Factor for Neutrophils”

Poster Presentations, 10:00 a.m. - 12:30 p.m., UC Ballroom

Student: **Shawn Barton**
Mentor: **Dr. Michael Summers**

“Confirmation of a Long-Range Interaction in HIV-1 5'-UTR and its Effect on Dimerization”

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Poster Presentations, 10:00 a.m. - 12:30 p.m., UC Ballroom

- Student: **Richard Brown**
Mentor: **Dr. Paul Smith**
“Polymers for Long-Range Photoinduced Proton Transfer”
- Student: **Sai Sachin Divakaruni**
Mentor: **Dr. Michael Summers**
“HIV-1 Packaging is Regulated by Long-Range Interaction between the U5 and AUG Regions and its Effect on NC Binding Sites”
- Student: **Phillip Fitzgerald**
Mentor: **Dr. Suzanne Ostrand-Rosenberg**
“Inflammation Induces Myeloid-Derived Suppressor Cells in the C57BL/6 Mouse Model”
- Student: **Kimeya Ghaderi**
Mentor: **Dr. Daniele Fabris**
10:00 a.m. - 12:30 p.m.
“Development of an Isolation Protocol for in vivo Transcription and Recovery of RNA”
- Student: **Gowry Kulandaivel**
Mentor: **Dr. Michael Summers**
“Investigating the HIV-1 5'-UTR Structure via Nuclear Magnetic Resonance”
- Student: **Olivia Nwankwo**
Mentor: **Dr. Michael Donnenberg**
“Integration of GFP into the Chromosome of *E. coli* Bacteria”
- Student: **Kevin O'Malley**
Mentor: **Dr. Paul Smith**
“Synthesis of new Heterocyclic Inhibitors of the Helicase of Hepatitis C Virus”
- Student: **Elizabeth Plum**
Mentor: **Dr. Richard Karpel**
“Aggregation of Potential Drug Delivery Vehicle”
- Students: **Rashmi Singh,
Venkateswaran Ramakrishnan**
Mentor: **Dr. Michael Summers**
“Investigation of the Long-Range Interaction between the U5' and AUG Regions of the HIV-2 5'UTR”
- Student: **Regina Ullis**
Mentor: **Dr. Elsa Garcin**
“Optimizing *Escherichia coli* Expression and Solubility of Mammalian Soluble Guanylate Cyclase Constructs”
- Student: **Robert D. Wardlow II**
Mentor: **Dr. Terry B. Rogers**
“Mesenchymal Stem Cells Provide Protection of Cardiac Ventricular Myocytes by Paracrine Mechanism”

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Poster Presentations, 12:30 - 3:00 p.m., UC Ballroom

- Student: **Anissa Alexander**
Mentor: **Dr. Christopher Plowe**
“Microsatellite Analysis to Improve the Measurement of Efficacy of Sulfadoxine-Pyrimethamine for the Treatment of Malaria”
- Student: **Stephanie Battle**
Mentor: **Dr. Hua Lu**
“Structure-function Analysis of the Novel Defense Protein SUP3 in *Arabidopsis thaliana*”
- Student: **Mohsan Chaudhry**
Mentor: **Dr. Ramachandra Hosmane**
“Ring-Expanded Nucleotides/Nucleotides as Potential Anti-Viral and Anti-Cancer Agents”
- Student: **Laurette Femnou**
Mentor: **Dr. Daniele Fabris**
“Investigation of Structure-function Relationship of HIV-1 Reverse Transcriptions by Mass Spectrometry”
- Student: **Phillip Geter**
Mentor: **Dr. Daniele Fabris**
“Structure Elucidation of the HIV-1 5'-UTR Using MS3D”
- Student: **Sara Kibrom**
Mentor: **Dr. Richard Karpel**
“Ternary Complexes of Crotamine”
- Student: **Gabrielle McRae**
Mentors: **Dr. David Weber**
Dr. Kira Gianni
“The Correlation Between S100B and Cellular Damage”
- Student: **Brandon Nemieboa**
Mentor: **Dr. Angela Brodie**
“Growth Inhibitory Effect of Zoledronic Acid on Breast Cancer Cell Lines”
- Student: **Nicole Parker**
Mentor: **Dr. Jia Bei Wang**
“PKCI/HINT1 Involvement in Morphine Addiction Using Conditioned Place Preference Test”
- Student: **Dina Popovkina**
Mentor: **Dr. Scott Thompson**
“TrkB Receptor Downregulation Contributes to Dendritic Spine Density Decrease Due to Chronic Elevation of Corticosterone”
- Student: **Christelle Samen**
Mentor: **Dr. Violeta Rus**
“IL-21-IL-21R Interactions on Host B Cells, not Donor CD4 Cells, Is Critical for Development of Autoimmune Features in cGVHD”
- Student: **Patrice Starck**
Mentor: **Dr. Michael Summers**
“NMR Analysis of the Conserved Bulge in the Core Encapsidation Signal of Type-C Gammaretroviruses”

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Student: **Elliot White**

Mentor: **Dr. Phyllis Robinson**

Megan Porter

“Grizzled Opsins”

Student: **Melanie Wiley**

Mentor: **Dr. Erik Lillehoj**

**“The Role of Human Endogenous Retroviruses (HERVS)
in the Pathogenesis of Acute Onset Schizophrenia”**

Student: **Breanne Wright**

Mentor: **Dr. Andrea Meredith**

**“The Effect of Transgenic Manipulation of the BK
Channel (Kcnma1) on Circadian Rhythmicity”**

Bioinformatics and Computational Biology

Poster Presentations, 12:30 - 3:00 p.m., UC Ballroom

Student: **Asa Adadey**

Mentor: **Dr. Maricel Kann**

**“Bioinformatics Study of Cancer Mutations: Using
Protein Domains to Link Diseases and Mutations”**

Student: **Joseph Cornish**

Mentor: **Dr. Ivan Erill**

**“Computational Methods for the Making of
Transcription Factor Binding Sites in Genomic
Sequences”**

Student: **Emily Doughty**

Mentor: **Dr. Maricel Kann**

**“Semi-Automatic Method for Mutation Extraction of
Cancer Mutations from the Literature”**

Student: **Gary Thompson**

Mentor: **Dr. Maricel Kann**

**“An Improved Approach to Extracting Disease-Related
Mutations from Biomedical Literature”**

Biological Sciences

Oral Presentations, UC 310

Student: **Rachana Haliyur**

Mentor: **Dr. Margaret McCarthy**

10:15 - 10:30 a.m.

**“Identifying the Role of Microglia in Sexual
Differentiation of the Brain”**

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Student: **Anupama Divakaruni**
Mentor: **Dr. Kaveh Ashrafi**
10:45 - 11:00 a.m.

“Identifying Components of the AMPK Pathway in *C. elegans*”

Student: **Ruby Jackson-Atogi**
Mentor: **Dr. Jeff Leips**
11:00 - 11:15 a.m.

“The Effect of Prior Experience on Host Foraging Behaviors of a *Drosophila* Parasitoid”

Student: **Priyanka Bushana**
Mentors: **Dr. Gary Gallia**
Dr. Avadhut Joshi
1:45 - 2:00 p.m.

“Small Molecule Inhibitor of Anti-apoptotic Proteins, ABT-737, in GBM Stem Cells”

Student: **Lydia Grmai**
Mentor: **Dr. Suzanne Ostrand-Rosenberg**
2:30 - 2:45 p.m.

“Effect of Inflammation on Apoptosis in Myeloid-Derived Suppressor Cells (MDSC) in Breast Cancer”

Poster Presentations, 10:00 a.m. - 12:30 p.m., UC Ballroom

Student: **Mikhael Bekkerman**
Mentor: **Dr. Weihong Lin**

“Developmental Occurrence of Solitary Chemosensory Cells in the Airway of Mice”

Student: **Ashleigh Bouchelion**
Mentor: **Dr. Lasse Lindahl**

“Implication of Ribosomal Protein on Tubulin Formation”

Students: **Stephanie Chan,**
Asante Hatcher
Mentor: **Dr. Weihong Lin**

“Effects of Zinc Sulfate Intranasal Irrigation on Semiochemical Sensing in the Mouse”

Student: **Kimberly Daniels**
Mentor: **Dr. Suzanne Ostrand-Rosenberg**

“The Role of Interferon Gamma on the Induction and Suppressive Activity of Myeloid-Derived Suppressor Cells”

Student: **Asmara Qamar**
Mentor: **Dr. Janice Zengel**

“Isolation and Characterization of Mutations in Ribosomal Proteins L4 and L22 that Confer Ketolide Resistance”

Student: **Alexandria Scott**
Mentor: **Dr. Tamra Mendelson**

“Estimating Phylogenic Divergence Time Between Populations of Western Cutthroat Trout”

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- Student: **Lana Zhang**
Mentor: **Dr. Weihong Lin** “TRPM5 Expressed in SCCs is Important in Regulating Chemical Access to the Vomeronasal Organ”
- Student: **Albert Zhou**
Mentor: **Dr. Charles Bieberich** “Characterization of Prostate Specific Regulatory Elements in Transgenic Mice”

Poster Presentations, 12:30 - 3:00 p.m., UC Ballroom

- Student: **Yohance Allette**
Mentor: **Dr. Lasse Lindahl** “Bioinformatics Study of Cancer Mutations: Using Protein Domains to Link Diseases and Mutations”
- Student: **Erwin Cabrera**
Mentor: **Dr. Phyllis Robinson** “Analyzing and Expressing the Visual Pigment Genes of the *Astyanax mexicanus*”
- Student: **Patricia Castillo**
Mentor: **Dr. Alessio Fasano** “Infant Nutrition and Risk of Celiac Disease”
- Student: **Elisia Clark**
Mentor: **Dr. Charles Bieberich** “Effect of Protein Kinase CK2 Blockade on Prostate Cancer Progression in a Mouse Model”
- Students: **Christopher Ferguson, Michael Topper, Arunkumar Junuthula, Sameen Raza, Won Woo**
Mentor: **Dr. Jeff Leips** “Genome Wide Association Tests for Age-Specific Immunocompetence in *Drosophila*”
- Student: **Irma Hashmi**
Mentor: **Dr. Philip Farabaugh** “Role of Ribosomal Protein rps9B in Translational Accuracy”
- Student: **Lucas Horn**
Mentors: **Dr. Jeff Leips**
Dr. Michelle Starz-Gaiano “Genetic Controls of Age-Related Phagocytic Ability in *Drosophila melanogaster*”
- Student: **Chioma Ihekweazu**
Mentor: **Dr. Tamra Mendelson** “Evolutionary Patterns of Ultraviolet Reflectance in the genus *Etheostoma*”
- Student: **Ammar Jaber**
Mentor: **Dr. Tatsuya Ogura** “Umami and Bitter Taste Perception in Acetylcholine Receptor M3 Knockout Mice”

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- Student: **Benyam Kinde**
Mentor: **Dr. Andrea Meredith** “Insights into the Molecular Mechanisms of Circadian Rhythm”
- Student: **Margaret Kott**
Mentor: **Dr. Thomas Cronin** “Sequencing of *Callinectes sapidus* Opsins”
- Student: **Sonia Metangmo**
Mentor: **Dr. John McLenithan** “The Role of Altered Omentin Expression in the Mesothelial Cell Inflammatory Response”
- Student: **Archana Murali**
Mentor: **Dr. Michelle Starz-Gaiano** “Apontic, a Novel Regulator of the JAK/STAT Pathway in *Drosophila* Testis”
- Student: **Matthew Murphy**
Mentor: **Dr. Kevin Omland** “Which Blackbirds Are Black? The Evolution of Countershading and Temperate Breeding”
- Students: **Willis Ochieng, Xin Ma**
Mentor: **Dr. Jeff Leips** “Genetic Basis of Natural Variation in a Novel Phenotype in *Drosophila melanogaster*”
- Student: **Nana Owusu-Boaitey**
Mentor: **Dr. David Scott** “The Utilization of CD20-Specific Lentiviruses for Tolerance Induction”
- Student: **Kaitlyn Sadtler**
Mentor: **Dr. Charles Young** “An Isotachophoretic Method for the Separation and Concentration of DNA and RNA in Food Matrices”
- Student: **Lael Scarborough**
Mentor: **Dr. Tom Blanchard** “Identifying Difference in Murine TLR Stimulation Between *H. pylori* and *H. felis*”
- Student: **Christy Thai**
Mentor: **Dr. Weihong Lin** “Mouse Olfactory Bulb Activation Evoked by Ferret Odors”
- Student: **Margarita Tsionsky**
Mentor: **Dr. Hua Lu** “Characterization of SUP3 Homologues in Arabidopsis defense”
- Student: **Devyani Ujla**
Mentor: **Dr. Phyllis Robinson** “The Development of a Phospho-null Melanopsin Mutant”
- Student: **Aminah Wali**
Mentor: **Dr. Charles Bieberich** “Developing a System to Regulate Gene Expression in the Mouse Prostate”

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Chemical Engineering

Student: **Brian Cottrell,
Jon Bollinger, Akanska Raja,
Benjamin D'Alessio, Amy Tsai**
Mentor: **Dr. Mariajose Castellanos**
Oral Presentation
1:00 -1:15 p.m.
UC 310

**“Development and Optimization of an Iso-octene
Production Scheme”**

Poster Presentations, 10:00 a.m. – 12:30 p.m., UC Ballroom

Student: **Rohan Durbal**
Mentor: **Dr. Jennie Leach**

**“Influence of Adhesive Ligand on Mechanical Properties
of Polyethylene glycol Hydrogels”**

Student: **John Haser,
Zach Vonder Haar, Neil Agarwal,
Colin Kelly, Kevin Poff**
Mentor: **Dr. Mariajose Castellanos**

**“Iso-octene Production through MTBE Decomposition
and Isobutene Dimerization”**

Student: **Phillip Kang**
Mentor: **Dr. Leah Tolosa**

**“The Development of a Biological Antioxidant Capacity
Assay Using Green Fluorescent *E. coli*”**

Student: **Dominique Monteil,
Phil Cutler, Rohan Durbal,
Imhotep Jackson, Hanna Worku,
Hannah Wilson**
Mentor: **Dr. Mariajose Castellanos**

**“Design of an Ethylbenzene Production Scheme of a
Styrene Chemical Plant by Innobox Engineering, Inc.”**

Student: **Stephanie Pubill**
Mentor: **Dr. Jennie Leach**

**“Polyethylene glycol Hydrogels as an *in-vitro* Model for
Neural Tissue Engineering”**

Poster Presentations, 12:30 – 3:00 p.m., UC Ballroom

Student: **Keisha Carr**
Mentor: **Dr. Julia Ross**

**“Analysis of Polymorphonuclear Leukocyte Penetration
in *Staphylococcus aureus* Biofilms”**

Student: **Ryan Connor**

“Modeling the Impact of CNS-derived HIV-1 in the

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Mentor: **Dr. Mariajose Castellanos**

Emergence of Anti-Retroviral Drug Resistance”

Student: **Brittany Earnest**
Mentor: **Dr. Theresa Good**

**“Analysis of the Formation, Stability and Toxicity of
Myoglobin Amyloid Fibrils”**

Student: **Evelyn Ojo**
Mentor: **Dr. Jennie Leach**
Dr. Julia Ross

**“Effect of Substrate Patterning on *S. aureus* Biofilm
Formation”**

Student: **Michael Pacella,
Jason Loiland, Brooke Liebforth,
Chijioke Irrechukwu, Fabiola
Rincon**
Mentor: **Dr. Mariajose Castellanos**

**“Production of Styrene Monomer from Ethylene and
Benzene”**

Student: **Shelby Vargo**
Mentor: **Dr. Jennie Leach**

**“Effects of Environment Dimensionality on Sensory
Neurons Process Outgrowth: 3D Better Mimics in vivo
Features”**

Student: **Melissa Velasquez**
Mentor: **Dr. Julia Ross**
Dr. Jennie Leach

**“Analysis of Oxygen Levels within *S. aureus* Biofilms
Using Fluorescent Microparticles”**

Student: **Hannah Wilson**
Mentor: **Dr. Julia Ross**

**“The Role of *Staphylococcus aureus* Soluble Biofilm
Proteins in Inhibiting Neutrophil Migration”**

Chemistry

Student: **Nathaniel Kim**
Mentor: **Dr. Katherine L. Seley-Radtke**
Oral Presentation
1:30 - 1:45 p.m.
UC 310

**“Extended Pyrimidine Nucleoside Analogues:
Investigations into DNA Structure and Function”**

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Poster Presentations, 10:00 a.m. – 12:30 p.m., UC Ballroom

- Student: **Maria Bednarek**
Mentor: **Dr. Marie-Christine Daniel**
“Optimization of Drug Nanocarriers via the Construction of a Stealth Dendron”
- Student: **George Cutsail III**
Mentor: **Dr. Veronika Szalai**
“Copper Amyloid-beta Complex in Alzheimer's Disease”
- Student: **Cameron Johnson**
Mentor: **Dr. Katherine Seley-Radtke**
“Design and Synthesis of Unnatural DNA Containing Expanded Purine Analogues”
- Student: **Nicholas Pinkin**
Mentor: **Dr. Ramachandra Hosmane**
“Synthesis of Potential Inhibitors of Thymidylate Synthase Based on Quinazoline Structural Skeleton”
- Student: **Cristina Teixeira**
Mentors: **Dr. William LaCourse**
Dr. Aristotle Kalivretenos
“Development of a Food Quality Indicating Sensor”
- Student: **Melvin Velasquez**
Mentor: **Dr. Katherine Seley-Radtke**
“Developing a New Class of Chemotherapeutic Drugs: 2`Deoxy Proximal Flexible Nucleosides”

Poster Presentations 12:30 – 3:00 p.m.

- Students: **Thomas Dakermanji,**
Maria Vitery
Mentor: **Dr. Richard Karpel**
“Development of an Assay to Determine the Affinity of the Snake Venom Protein Crotamine for Heparin”
- Student: **Kedy Edme**
Mentor: **Dr. Michael Summers**
“NMR Structure of the Core Packaging Signal of HIV-1”
- Student: **Nyonsuatee Kollue**
Mentor: **Dr. Daniel Fabris**
“The Development and Purification of Isotopically Enriched NTPs for Structure Elucidation via Mass Spectrometry”
- Student: **Richard Maduka**
Mentor: **Dr. Veronika Szalai**
“The Affinity of Cu¹⁺ for the Amyloid-Beta Peptide of Alzheimer's Disease”
- Student: **Chikezie Okoro**
Mentor: **Dr. Katherine Seley-Radtke**
“Carbocyclic Fleximers as Anti-Trypanosomal Agents”

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Student: **Daryl Omire-Mayor**
Mentor: **Dr. William LaCourse**

“The Effect of Molecular Characteristics on Sugar Recovery Using *in-vitro* Microdialysis”

Student: **Joseph Ring**
Mentor: **Dr. Daniele Fabris**

“Creation and Screening of Second-Generation Peptide Library Targeting HIV-1 Packaging Signal”

Student: **Onajite Shemi**
Mentor: **Dr. James Polli**

“An Apical Sodium Bile Acid Transporter (ASBT) Targeted Prodrug Design for Sustained Release of Niacin”

English

Student: **Stephanie Tkaczyk**
Mentor: **Dr. Lucille McCarthy**
Poster Presentation
10:00 a.m. - 12:30 p.m
UC Second Floor

“Comparing Cognitive Writing Processes Across the World”

Student: **Danielle Viens-Payne**
Mentors: **Dr. Thomas Field**
Dr. Ana Oskoz
Oral Presentation
11:15 - 11:30 a.m., UC 312

“Crossing Boundaries: Foreign Language Learning for Learning-Disabled Students”

Students: **Kant Klingenstein**
Jamyla Williams
Mentors: **Ms. Sally Shivnan**
Ms. Guenet Abraham
10:15 – 11:45 a.m.
Fine Arts 107

“Bartleby 2010: Image Joins the Written Word in a Convergence of Creative Writing and Art”

Student: **Elizabeth Lynch**
Mentor: **Ms. Mary Hickernell**
Poster Presentation
12:30 - 3:00 p.m., UC 2nd Floor

“The Challenged Identities of Speakers of World Englishes: Identity Validation as a Strategy to Encourage Bidialectalism”

Student: **Susan Wilmes**
Mentor: **Dr. Michele Osherow**
Oral Presentation
2:15 - 2:30 p.m., UC 312

“Lemony Snicket as a Gateway to Children's Holocaust Literature”

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Environmental studies

Student: **Katherine Melocik**
Mentor: **Dr. Eugene Parker**
Poster Presentation
10:00 a.m. - 12:30 p.m
UC Ballroom

“Archival and Analysis of Sea Ice Thickness in the Arctic Ocean Based on On-Ice *in situ* Historical Measurements”

Oral Presentations, UC 312

Student: **Brandon Cottom**
Mentors: **Dr. Ali Tokay**
Dr. Eric Wilcox
3:15 - 3:30 p.m.

“Driving Forces Behind Himalayan Glacial Melt”

Student: **Rebecca Reeves**
Mentor: **Dr. Christopher Swan**
3:30 - 3:45 p.m.

“Spatial Dynamics of the Eastern Mud Turtle *Kinosternon subrubrum* in a Freshwater Tidal Marsh”

Fine Arts Recital Hall

Theatre and Music

Student: **Sarah Paquette**
Mentor: **Dr. Airi Yoshioka**
Artistic Performance
9:30 - 9:50 a.m.

**“Back to Bach: A
Historically Informed
Interpretation of a Gavotte”**

Department of Music

Student: **Ellen Line**
Mentor: **Ms. Lynn Watson**
9:50 - 10:10 a.m.

“Getting over Tom”

Department of Theatre

Student: **Jessica Baker**
Mentor: **Dr. Alan Kreizenbeck**
10:10 - 10:40 a.m.

“Nuns and Sex”

Department of Theatre

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Student: **Michal Levitas**
Mentor: **Mr. David Smith**
10:40 - 11:00 a.m.

**“Learning the Essence of
German Leider and
Introducing it to the UMBC
Community”**

Department of Music

Students: **Omar Said,
Jessica Baker**
Mentor: **Dr. Alan Kreizenbeck**
11:00 - 11:15 a.m.

“Edwin and His Associates”

Department of Theatre

Fine Arts 221

Film, Animation, and Oral Presentations

Student: **Steven Logue**
Mentor: **Ms. Cathy Cook**
Film
1:30 - 1:45 p.m.

**“Heinrich Schliemann:
Odyssey of the Mind”**

Department of Visual Arts

Student: **Katie Dix**
Mentor: **Dr. Nicole King Dr.
Edward Orser**
Oral
1:45 - 2:00 p.m.

**“The Humane Metropolis:
Using Environmental
Initiatives to Benefit Urban
Neighborhoods”**

*Department of American
Studies*

Student: **Cara Gibson**
Mentor: **Dr. Warren Belasco**
Oral
2:00 - 2:15 p.m.

**“Diet Coke: America on a
Diet”**

*Department of American
Studies*

Student: **Patrick Rife**
Mentor: **Mr. Steve Bradley**
Film
2:30 - 2:45 p.m.

**“The Cyclical Nature of
Obsolescence”**

Department of Visual Arts

Student: **Glen Fortner**
Mentor: **Mr. Fred Worden**
Film
2:45 - 3:00 p.m.

“Water and Ruins”

Department of Visual Arts

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University Center 3rd Floor

Game Development and Virtual Reality

Students: **Amar Vadalia, Jon J**
Mentor: **Ms. May Chang**
10:00 a.m. - 12:30 p.m
UC Ballroom

**“An Interactive Digital Signage System using Windows7
and a Touch-screen Monitor”**

Game Demonstrations, 10:00 a.m. - 3:00 p.m., UC Ballroom: Stage

Students: **Juan Carlos Rivera,**
Derek Ragos, Teresa Oswald,
John Cservek
Mentor: **Mr. Neal McDonald**

“Akisakio”

Student: **Chris Cromwell**
Mentor: **Mr. Neal McDonald**

“Titan Climber”

Students: **John Perry, Alex**
Ehrensberger, Eric Wasser
Mentor: **Dr. Neal McDonald**

“Dead Fall”

Game Demonstrations, 10:00 a.m. - 3:00 p.m.

Students: **Eve Addison, Stephen**
Steinbach, Robert Donahue,
Mary Lewis, Nathaniel Wise
Mentor: **Mr. David McDonald**
UC 115

“Slug”

Students: **Timothy Bubb,**
Maxwell Hathaway, Rachel
Kreutzinger, Alex Ehrensberger,
Jenna Ullrich, Bradley Tinney,
Abby Salvo, Shane Logue, Elena
Debold
Mentor: **Mr. Neal McDonald**

“UMBC IRC Fellows iPhone Strategy Game”

April 28, 2010

**UNDERGRADUATE
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Master Roster of Presenters

University Center 3rd Floor

UC Ballroom Lobby

Game Demonstrations, 12:30 - 3:00 p.m.

Students: **Jonathan Merkle,
Matthew Song, Kevin Kemp,
Justin Wall**

Mentor: **Mr. Neal McDonald**

12:30 - 3:00 p.m.

UC Second Floor

“Brink of Reality: A Power Defense Game”

Student: **UMBC Game
Developer's Club**

Mentor: **Mr. Neal McDonald**

12:30 - 3:00 p.m.

UC Ballroom

“Video Game Development”

Gender and Women's Studies

Student: **Sabah Ghulamali**

Mentor: **Dr. Sarah Chard**

Poster Presentation

12:30 - 3:00 p.m.

UC Ballroom

**“Exploring Students' Knowledge and Perceptions of
Sexual Assault Resources On-Campus”**

Oral Presentations, UC 312

Students: **Abigail Granger,
Jennifer Keeter**

Mentor: **Dr. Jodi Kelber-Kaye**

9:30 - 9:45 a.m.

**“The Global Women's Health Action: Putting
Intersectionality into Practice”**

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Master Roster of Presenters

University Center 3rd Floor

Student: **JoAnna Gavigan**
Mentor: **Dr. Carole McCann**
10:00 - 10:15 a.m.

“Gender and Sexual Identity in the Pursuit of Asylum”

Student: **Sarah Solomon**
Mentor: **Dr. Gloria Chuku**
10:15 - 10:30 a.m.

**“No Development Without Girls: Gender, Development
and Youth Activism in Mali”**

Student: **Erick Geil**
Mentor: **Dr. Ilsa Lottes**
10:30 - 10:45 a.m.

**“Variations in Perceptions of Sexual Misconduct by
Gender”**

Student: **Scott Gautney**
Mentor: **Dr. Thomas Field**
10:45 - 11:00 a.m.

“Cultural Effects on the Gay Male Lexicon”

Student: **Avery Brow**
Mentor: **Dr. Ilsa Lottes**
11:00 - 11:15 a.m.

“Gay Male Domestic Violence: A Quantitative Analysis”

Health Administration and Public Policy

Student: **Danielle Chestang**
Mentor: **Dr. Judah Ronch**
Poster Presentation
10:00 a.m. - 12:30 p.m
UC Ballroom

“Impact of Images in Advertisements on Older Adults”

Poster Presentations, UC Second Floor

Students: **Shellon George,**
Stephanie Gitukui, Phillip-
Alexander Downie
Mentor: **Dr. Andrea Kalfoglou**

“Promoting Healthy Eating Among Children”

April 28, 2010

**UNDERGRADUATE
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Master Roster of Presenters

University Center 3rd Floor

10:00 a.m. - 12:30 p.m

Students: **Areej Kuraishi,
Phillips Khuu, Thy Ma**
Mentor: **Dr. Andrea Kalfoglou**
10:00 a.m. - 12:30 p.m

**“Port Discovery Exhibit: Promoting Sun Safety Among
Today's Youth”**

Student: **Sana Waheed**
Mentor: **Dr. Andrea Kalfoglou**
10:00 a.m. - 12:30 p.m

**“Should I Take my Meds or Not? : Pregnant Women's
Decision Making About the Use of Antidepressant
Drugs”**

Student: **Desiree Johnson**
Mentor: **Dr. Andrea Kalfoglou**
12:30 - 3:00 p.m.

“Hand Washing for Children”

Oral Presentations, UC 310 and 312

Student: **Melissa Chapman**
Mentor: **Dr. Andrea Kalfoglou**
UC 312
1:30 - 1:45 p.m.

**“Ashkenazi Young Adults' Knowledge, Attitudes, and
Beliefs about Carrier Testing”**

Student: **Richard Blissett**
Mentor: **Dr. Andrea Kalfoglou**
UC 312
1:45 - 2:00 p.m.

**“The Business of Marketing Preimplantation Genetic
Screening”**

Student: **Michael Jenkins**
Mentors: **Dr. Andrea Kalfoglou
Dr. Roland Thorpe
Dr. Thomas LaVeist**
UC 310
3:00 - 3:15 p.m.

**“Racial Disparties in Hypertension Awareness and
Management”**

History

Student: **Abigail Bratcher**
Mentor: **Dr. Anne Rubin**
Poster Presentation

**“Reclaiming Maryland: Confederate Nationalism in
Popular Print Culture”**

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Master Roster of Presenters

University Center 3rd Floor

10:00 a.m. - 12:30 p.m

UC Ballroom

Student: **Megan Hardy**
Mentor: **Dr. Michelle Scott**
Oral Presentation
11:30 - 11:45 a.m.
UC 310

**“Harlem at its Best: Popular Culture, Nightlife Venues
and Emergence of a Queer Subculture during the
Harlem Renaissance”**

Management of Aging Services

Student: **Danielle Chestang**
Mentor: **Dr. Judah Ronch**
Poster Presentation
10:00 a.m. - 12:30 p.m
UC Ballroom
Poster Presentation

“Impact of Images in Advertisements on Older Adults”

Mathematics

Poster Presentations, 10:00 a.m. - 12:30 p.m., UC Ballroom

Student: **Geoffrey Clapp**
Mentor: **Dr. Kathleen Hoffman**

“Modeling Sensory Input to the Lamprey Spinal Cord”

Student: **Gregory Handy**
Mentor: **Dr. Bradford Peercy**

**“Extending the IP3 Receptor Model to Include
Competition with Partial Agonists”**

Student: **Immanuel Williams**
Mentor: **Dr. Jinglai Shen**

“An Approach to Lowering Gang Levels”

Oral Presentation

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University Center 3rd Floor

Student: **Alexandria Volkening**
Mentor: **Dr. Jonathan Bell**
Oral Presentation
1:15 - 1:30 p.m.
UC 312

“A Mathematical Model of Vulnerable Plaque Growth and Rupture”

Mechanical Engineering

Poster Presentations, 10:00 a.m. - 12:30 p.m., UC Ballroom

Student: **Timi Fadiran**
Mentor: **Dr. Timmie Topoleski**

“Characterizing Fracture Force of Hyoid Bone: Investigation of Suicides and Homicides”

Student: **Joshua Francois**
Mentor: **Dr. Chalres Eggleton**

“Computational Modeling of Atomic Force Microscopy Tip Loading and Unloading on a Biological Cell”

Student: **Jessandra Hough**
Mentor: **Dr. Liang Zhu**

“Temperature Elevations in Extracted Teeth Induced by a System B Heating Catheter”

Student: **Anand Patel**
Mentor: **Dr. Timmie Topoleski**

“Friction Testing of Materials Used in Artificial Joints”

Modern Language and Linguistics

Oral Presentations, UC 312

Student: **Scott Gautney**
Mentor: **Dr. Thomas Field**
10:45 - 11:00 a.m.

“Cultural Effects on the Gay Male Lexicon”

Student: **Danielle Viens-Payne**
Mentors: **Dr. Thomas Field**
Dr. Ana Oskoz
11:15 - 11:30 a.m.

“Crossing Boundaries: Foreign Language Learning for Learning-Disabled Students”

Music

April 28, 2010

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Master Roster of Presenters

University Center 3rd Floor

Music Presentations, Fine Arts Recital Hall

Student: **Sarah Paquette**
Mentor: **Dr. Airi Yoshioka**
9:30 - 9:50 a.m.

**“Back to Bach: A Historically Informed Interpretation
of a Gavotte”**

Student: **Michal Levitas**
Mentor: **Mr. David Smith**
10:40 - 11:00 a.m.

**“Learning the Essence of German Leider and
Introducing it to the UMBC Community”**

Oral Presentations, UC 312

Student: **Shane Parks**
Mentor: **Dr. Anna Rubin**
Susan McCully
9:15 - 9:30 a.m.

**“A Thematic Analysis of Stephen Schwartz Children of
Eden”**

Student: **Meghan Sommers**
Mentor: **Dr. Joseph Morin**
2:45 - 3:00 p.m.
UC 312

**“Medieval and Renaissance Shawms: An Exploration of
Embouchure”**

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Master Roster of Presenters

University Center 3rd Floor

Of

Interest to the ELC

Music Presentations, Fine Arts Recital Hall

Student: **Sarah Paquette**
Mentor: **Dr. Airi Yoshioka**
9:30 - 9:50 a.m.

**“Back to Bach: A Historically Informed Interpretation
of a Gavotte”**

Film Screening, Fine Arts 221

Student: **Glen Fortner**
Mentor: **Mr. Fred Worden**
2:45 - 3:00 p.m.

“Water and Ruins”

Artistic Exhibits, 10:00 a.m. - 3:00 p.m., UC 115

Student: **Sara Allen**
Mentor: **Dr. Preminda Jacob**

“The Art of Biology”

Students: **Benjamin Hong,
Sarah Carney**
Mentor: **Dr. Preminda Jacob**

**“Virtual Museum: Glass: The Transparent Connection
Between Art and Science”**

Students: **Franki Trout, Daniell-
Vines Payne, Kelly-Lynne Russell**
Mentor: **Dr. Preminda Jacob**

“Virtual Museum: Life as a Dance”

Poster Presentations, UC Second Floor

Student: **Gillian Yeadon**
Mentor: **Dr. Carolyn Forestiere**

**“Why Ethnic Diversity Matters and its Impact on
Universal Health Care in the United States”**

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Master Roster of Presenters

University Center 3rd Floor

10:00 a.m. - 12:30 p.m

Student: **Stephanie Tkaczyk**
Mentor: **Dr. Lucille McCarthy**
10:00 a.m. - 12:30 p.m.

“Comparing Cognitive Writing Processes Across the World”

Student: **Elizabeth Lynch**
Mentor: **Ms. Mary Hickernell**
12:30 - 3:00 p.m.

“The Challenged Identities of Speakers of World Englishes: Identity Validation as a Strategy to Encourage Bidialectalism”

Poster Presentations, 10:00 a.m. - 12:30 p.m., UC Ballroom

Student: **Annah Seo**
Mentor: **Dr. Charissa Cheah**

“Examining Parental Acculturation, Socialization Goals, and the Development of Korean Immigrant Children”

Student: **Immanuel Williams**
Mentor: **Dr. Jinglai Shen**

“An Approach to Lowering Gang Levels”

Student: **Rebecca Zia**
Mentor: **Dr. Charissa Cheah**

“Maternal Depressive Symptoms, Parent-Child Relationships, and Children's Peer Problems in Chinese Immigrants”

Poster Presentations, 12:30 - 3:00 p.m., UC Ballroom

Student: **Momoka Watanabe**
Mentor: **Dr. Charissa Cheah**

“An Ecological Examination of Psychological Control in Korean Immigrant Families”

Oral Presentations, UC 310 and UC 312

Student: **Victory Mohamed**
Mentor: **Dr. Devin Hagerty**
9:30 - 9:45 a.m., UC 310

“The Rise of China and India: What do Possible New Superpowers Mean for the United States?”

Student: **Megan Hardy**
Mentor: **Dr. Michelle Scott**
Oral Presentation
11:30 - 11:45 a.m., UC 310

“Harlem at its Best: Popular Culture, Nightlife Venues and Emergence of a Queer Subculture during the Harlem Renaissance”

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Master Roster of Presenters

University Center 3rd Floor

Student: **Sarah Solomon**
Mentor: **Dr. Gloria Chuku**
10:15 - 10:30 a.m., UC 312

“No Development Without Girls: Gender, Development and Youth Activism in Mali”

Student: **Danielle Viens-Payne**
Mentors: **Dr. Thomas Field**
Dr. Ana Oskoz
11:15 - 11:30 a.m., UC 312

“Crossing Boundaries: Foreign Language Learning for Learning-Disabled Students”

Student: **Vivian Ekey**
Mentor: **Dr. Sara Poggio**
11:30 - 11:45 a.m., UC 312

“Afro-Porteño Identity Today”

Student: **Christa Kizito**
Mentor: **Dr. Carolyn Forestiere**
2:00 - 2:15 p.m., UC 312

“Women's Representation in sub-Saharan Africa”

Student: **Michael Jenkins**
Mentors: **Dr. Andrea Kalfoglou**
Dr. Roland Thorpe
Dr. Thomas LaVeist
3:00 - 3:15 p.m., UC 310

“Racial Disparities in Hypertension Awareness and Management”

Student: **Tahira Mahdi**
Mentor: **Dr. Shawn Bediako**
3:30 - 3:45 p.m., UC 310

“Deconstructing the Nerd: Visual Acuity and Need for Cognition in Adults”

Oral Presentations, FA 221

Student: **Katie Dix**
Mentors: **Dr. Nicole King**
Dr. Edward Orser
1:45 - 2:00 p.m.

“The Humane Metropolis: Using Environmental Initiatives to Benefit Urban Neighborhoods”

Student: **Cara Gibson**
Mentor: **Dr. Warren Belasco**
2:00 - 2:15 p.m.

“Diet Coke: America on a Diet”

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Master Roster of Presenters

University Center 3rd Floor

Physics

Poster Presentations, 10:00 a.m. - 12:30 p.m., UC Ballroom

Student: **David Mason**
Mentors: **Dr. Zaven
Arzoumanian,
Dr. Keith Gendreau**

**“Simulation Software for the Chromatic Mineral
Identification and Surface Texture (CMIST) Instrument”**

Student: **Naomi Wolford**
Mentors: **Dr. Manfredo Tabacniks
Dr. J. Vanderlei Martins**

**“Examining Cloud Microphysics and Thermodynamics
in the Laboratory”**

Poster Presentation, 12:30 - 3:00 p.m., UC Ballroom

Student: **Jaime Compton**
Mentor: **Mr. Ruben Delgado**

**“Determination of Planetary Boundary Layer for Air
Quality Forecasting”**

Students: **James Gerity,
Tyler Schmitz**
Mentor: **Dr. J. Vanderlei Martins**

“Cloud-CubeSat - Designing a Picosatellite”

Political Science

Oral Presentations, UC 310 and UC 312

Student: **Sonia Siddiqui**
Mentor: **Dr. Brigid Starkey**
9:15 - 9:30 a.m.
UC 310

**“The Tunisian Paradox - the Exceptional Case of
Stability in the Middle East and North African Region”**

Student: **Victory Mohamed**
Mentor: **Dr. Devin Hagerty**
9:30 - 9:45 a.m.
UC 310

**“The Rise of China and India: What do Possible New
Superpowers Mean for the United States?”**

Student: **Gavin Way**
Mentor: **Dr. Brian Grodsky**

**“The Erosion of Control: The Effects of Duration of
Conflict on a State's Human Rights Policy”**

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Master Roster of Presenters

University Center 3rd Floor

9:45 - 10:00 a.m.

UC 310

Student: **Gabrielle Wyatt**
Mentor: **Dr. George La Noue**

10:00 - 10:15 a.m.

UC 310

**“Homeless Children and the Foreclosure Crisis:
Implications of the McKinney-Vento Act”**

Student: **Christa Kizito**
Mentor: **Dr. Carolyn Forestiere**

2:00 - 2:15 p.m.

UC 312

“Women's Representation in sub-Saharan Africa”

Poster Presentations, 10:00 a.m. - 12:30 p.m., UC Ballroom

Student: **Wayne Heavener**
Mentor: **Dr. Jeffrey Davis**

“Consensus and Legitimacy in Supreme Court Opinions”

Student: **Christopher O'Reilly**
Mentor: **Dr. Simon Stacey**

“Nightingales”

Student: **Kathryn Papagjika**
Mentor: **Dr. Thomas Schaller**

**“Sociodemographics and their Influence on Voting
Behavior on Abortion Policy at the Maryland General
Assembly”**

Poster Presentations, University Center Second Floor

Student: **Betty Irungu**
Mentor: **Dr. Tyson King-Meadows**
10:00 a.m. - 12:30 p.m.

**“An Analysis of Ethnic Identity in the 2007 Kenyan
General Election”**

Student: **Gillian Yeadon**
Mentor: **Dr. Carolyn Forestiere**
10:00 a.m. - 12:30 p.m.

**“Why Ethnic Diversity Matters and its Impact on
Universal Health Care in the United States”**

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Master Roster of Presenters

University Center 3rd Floor

Student: **David Pourshoushtari**
Mentor: **Dr. Tyson King-Meadows**
12:30 - 3:00 p.m.

“Justice Sotomayor and the Legitimacy of the Supreme Court”

Psychology

Oral Presentations, UC 310 and 312

Student: **Rebecca Mullan**
Mentor: **Dr. Diane Alonso**
2:45 - 3:00 p.m.
UC 310

“Conquering Visual Perceptions: An Exploration in Effective Media Literacy Strategies for Pre-Adolescents”

Student: **Michael Jenkins**
Mentors: **Dr. Andrea Kalfoglou**
Dr. Roland Thorpe
Dr. Thomas LaVeist
3:00 - 3:15 p.m.
UC 310

“Racial Disparities in Hypertension Awareness and Management”

Student: **Areej Kuraishi**
Mentor: **Dr. Charissa Cheah**
3:15 - 3:30 p.m.
UC 310

“Adolescent Father's Parenting: Effects of the Mother-Father and Mother-Grandmother Relationships”

Student: **Tahira Mahdi**
Mentor: **Dr. Shawn Bediako**
3:30 - 3:45 p.m.
UC 310

“Deconstructing the Nerd: Visual Acuity and Need for Cognition in Adults”

Student: **Melissa Chapman**
Mentor: **Dr. Andrea Kalfoglou**
1:30 - 1:45 p.m.
UC 312

“Ashkenazi Young Adults' Knowledge, Attitudes, and Beliefs about Carrier Testing”

Poster Presentations, 10:00 a.m. - 12:30 p.m., UC Ballroom

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Master Roster of Presenters

University Center 3rd Floor

- Student: **David Chen**
Mentor: **Dr. Anne Brodsky**
“Beyond the Sophistication of Advanced Statistical Procedures in Psychology”
- Student: **Wendy Gaultney**
Mentor: **Dr. Lynnda Dahlquist**
“A Review of Educational Materials for Parents of Food Allergic Children”
- Student: **Lauren Hall**
Mentor: **Dr. Lynnda Dahlquist**
“Peer Interactions and Social Competence of Young Food-Allergic Children”
- Student: **Annah Seo**
Mentor: **Dr. Charissa Cheah**
“Examining Parental Acculturation, Socialization Goals, and the Development of Korean Immigrant Children”
- Student: **Rebecca Zia**
Mentor: **Dr. Charissa Cheah**
“Maternal Depressive Symptoms, Parent-Child Relationships, and Children's Peer Problems in Chinese Immigrants”
- Student: **Lauren Long**
Mentor: **Dr. Bernard Rabin**
“Effects of Exposing Rats to Types of Radiations Encountered in Space on Cognitive Performance”

Poster Presentations, 12:30 - 3:00 p.m., UC Ballroom

- Student: **Angelica Alexander**
Mentors: **Ms. Laura Scaletti**
Maureen Black
“Parental Sense of Competence at Two-years of Age and Child Internalizing and Externalizing Behavior Problems at Age Four”
- Student: **Anu Aluvathingal**
Mentor: **Dr. Laura Stapleton**
“The Relation of the Response Distribution to Self-Report Questionnaires and Cognitive Ability among Children”
- Student: **Anna Ramirez**
Mentors: **Ms. Laura Scaletti**
Maureen Black
“Parental Depression in Toddlerhood and Child Growth from Two to Four Years of Age”
- Student: **Carrie Strachan**
Mentors: **Ms. Laura Scaletti**
Maureen Black
“Toddler Temperament and Parental Depression: Predictors of Poor Emotional Functioning at Age Seven”
- Student: **Monica Tith**
“Caregiver Negative Life Events and Coping with Stress”

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Master Roster of Presenters

University Center 3rd Floor

Mentors: **Ms. Laura Scaletti**
Maureen Black

in Children”

Student: **Momoka Watanabe**
Mentor: **Dr. Charissa Cheah**

**“An Ecological Examination of Psychological Control in
Korean Immigrant Families”**

Student: **Crystal White**
Mentors: **Ms. Laura Scaletti**
Maureen Black

**“Father Absence: A Risk Factor for Developing Behavior
Problems in Childhood”**

Sociology

Poster Presentations

Students: **Areej Kuraishi, Philips
Khuu, Thy Ma**
Mentor: **Dr. Andrea Kalfoglou**
10:00 a.m. - 12:30 p.m
UC Second Floor

**“Port Discovery Exhibit: Promoting Sun Safety Among
Today's Youth”**

Student: **Maria Beckford**
Mentor: **Dr. Ilsa Lottes**
12:30 - 3:00 p.m.
UC Ballroom

**“Low-Income Women's Perceptions of the Quality of
Their Infant Care: Supports and Barriers”**

Oral Presentations, UC 312

Student: **Erick Geil**
Mentor: **Dr. Ilsa Lottes**
10:30 - 10:45 a.m.

**“Variations in Perceptions of Sexual Misconduct by
Gender”**

Student: **Avery Brow**
Mentor: **Dr. Ilsa Lottes**
11:00 - 11:15 a.m.

“Gay Male Domestic Violence: A Quantitative Analysis”

Student: **Richard Blissett**
Mentor: **Dr. Andrea Kalfoglou**
1:45 - 2:00 p.m.

**“The Business of Marketing Preimplantation Genetic
Screening”**

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University Center 3rd Floor

Theatre

Theatre Presentations, Fine Arts Recital Hall

Student: **Ellen Line**
Mentor: **Ms. Lynn Watson**
9:50 - 10:10 a.m.
FA Recital Hall

“Getting over Tom”

Student: **Jessica Baker**
Mentor: **Dr. Alan Kreizenbeck**
10:10 - 10:40 a.m.

“Nuns and Sex”

Student: **Omar Said,**
Jessica Baker
Mentor: **Dr. Alan Kreizenbeck**
11:00 - 11:15 a.m.

“Edwin and His Associates”

Visual Arts

Bartleby, 10:15 - 11:45 a.m., Fine Arts 107

Students: **Kant Klingenstein,**
Jamyla Williams
Mentor: **Ms. Sally Shivnan**
Ms. Guenet Abraham

**“Bartleby 2010: Image Joins the Written Word in a
Convergence of Creative Writing and Art”**

Student: **Amar Vadalia,**
Jon J. Schubbe
Mentor: **Ms. May Chang**
10:00 a.m. - 12:30 p.m.

**“An iKiosk System Using Windows7 and a
Touch-screen Monitor”**

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Master Roster of Presenters

University Center 3rd Floor

UC Ballroom

Game Demonstrations, 10:00 a.m. - 3:00 p.m., University Center

Students: **Eve Addison, Stephen Steinbach,
Robert Donahue, Mary Lewis, Nathaniel Wise**
Mentor: **Mr. David McDonald**
UC 1st Floor

“Slug”

Students: **Timothy Bubb, Maxwell Hathaway,
Rachel Kreutzinger, Alex Ehrensberger, Jenna
Ullrich, Bradley Tinney, Abby Salvo, Shane
Logue, Elena Debold**
Mentor: **Mr. Neal McDonald**
UC Ballroom Lobby

**“UMBC IRC Fellows iPhone Strategy
Game”**

Game Demonstrations, 10:00 a.m. - 3:00 p.m., UC Ballroom: Stage

Student: **Chris Cromwell**
Mentor: **Mr. Neal McDonald**

“Titan Climber”

Students: **John Perry, Alex Ehrensberger,
Eric Wasser**
Mentor: **Dr. Neal McDonald**

“Dead Fall”

Students: **Juan Carlos Rivera, Derek
Ragos, Teresa Oswald, John Cservek**
Mentor: **Mr. Neal McDonald**

“Akisakio”

Artistic Exhibits, 10:00 a.m. - 3:00 p.m., UC 115

Student: **Sara Allen**
Mentor: **Dr. Preminda Jacob**

“The Art of Biology”

Students: **Benjamin Hong, Sarah
Carney**
Mentor: **Dr. Preminda Jacob**

**“Virtual Museum: Glass: The Transparent Connection
Between Art and Science”**

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Master Roster of Presenters

University Center 3rd Floor

Students: **Franki Trout, Daniell-
Vines Payne, Kelly-Lynne Russell**
Mentor: **Dr. Preminda Jacob**

“Virtual Museum: Life as a Dance”

Poster Presentation, 12:30 - 3:00 p.m. UC Ballroom

Student: **Michelle Renay Wilson**
Mentor: **Ms. Calla Thompson**

“Male Breast Cancer: Three Portraits”

Film and Animation, Fine Arts 221

Student: **Steven Logue**
Mentor: **Ms. Cathy Cook**
1:30 - 1:45 p.m.

“Heinrich Schliemann: Odyssey of the Mind”

Student: **Patrick Rife**
Mentor: **Mr. Steve Bradley**
2:30 - 2:45 p.m.

“The Cyclical Nature of Obsolescence”

Student: **Glen Fortner**
Mentor: **Mr. Fred Worden**
2:45 - 3:00 p.m.

“Water and Ruins”

Oral Presentation, UC 312

Student: **Elizabeth Scott**
Mentor: **Mr. Joseph Coates**
3:00 - 3:15 p.m.

“The Effect of Nationalism on Czech Design”