

April 25, 2007

**UNDERGRADUATE
Research & Creative
Achievement Day**



Presenters by Department

University Center 3rd Floor

American Studies

**Student: Meghan DeVore
Mentor: Nicole King
Oral Presentation, UC 310
11:15 - 11:30 AM**

**“Fan Tourism: Exploring the Creation of Religious
Experience and the Deprivation of Culture”**

**Student: Maddy Fickes
Mentor: Kathy Bryan
Oral Presentation, UC 310
11:00 - 11:15 AM**

**“How Momma Raised Me: Understanding the Upbringing of
Rural and Urban Students and its Relation to College
Attendance”**

**Student: Alison Gottschalk
Mentor: Nicole King
Poster Presentation, UC Ballroom
1:00 – 3:00 PM**

“Gender Shift From Spider-Man to Spider-Girl”

**Student: Charlene Kuo
Mentor: Warren Belasco
Oral Presentation, UC 310
9:15 - 9:30 AM**

**“Dare for More: Analysis of Pepsi’s Global Television
Marketing Campaign”**

Ancient Studies

**Student: Cally Brandt
Mentor: Richard Mason
Poster Presentation, UC Ballroom
9:30 – 11:30 AM**

**“Curating a Museum Exhibit: The Glory in Ruins Display in
the A.O.K. Library Rotunda, January 31-March 24, 2007”**

**Student: Morgan Little
Mentor: Richard Mason
Poster Presentation, UC Ballroom
1:00 – 3:00 PM**

**“Curating a Museum Exhibit: The Glory in Ruins Display in
the A.O.K. Library Rotunda, January 31-March 24, 2007”**

Biochemistry and Molecular Biology

**Student: Nerg AchiriMofor
Mentor: Michael Summers
Oral Presentation, UC 312
10:30 - 10:45 AM**

**“Studying the Protein-Protein Interactions Involved in HIV-1
Assembly”**

Student: Haroon Ahmad
Mentor: C. Allen Bush
Poster Presentation, UC Ballroom
9:30 – 11:30 AM

“High Pressure Anion-Exchange Chromatography of Carbohydrates”

Student: Olufolakemi Awe
Mentor: Colin Garvie
Poster Presentation, UC Ballroom
9:30 – 11:30 AM

“Investigation of the Interaction between RFX5 and CREB: Implications for the Regulation of MHC II Gene Expression”

Student: Sarah Bourdon
Mentor: Phyllis Robinson
Poster Presentation, UC Ballroom
9:30 – 11:30 AM

“Sequencing Melanopsin from the Bovine Retina”

Student: Andrew Ciupek
Mentor: Janice Zengel
Poster Presentation, UC Ballroom
9:30 – 11:30 AM

“Analysis of Mutations in Ribosomal Proteins L4 and L22 in Spiramycin-Resistant Deinococcus Radiodura”

Student: Rasheeda Johnson
Mentor: Michael Summers
Poster Presentation, UC Ballroom
1:00 – 3:00 PM

“Elucidating the BLV Encapsidating psi-site in the 5' Noncoding Region Of Gag”

Student: Candace Mainor
Mentor: Laundette Jones
Poster Presentation, UC Ballroom
9:30 – 11:30 AM

“In vivo Effects of Bisphenol A on the Expression of BRCA1 in the Mouse Mammary Gland”

Student: Donnetta McFadden
Mentor: Jai Bei Wang
Poster Presentation, UC Ballroom
9:30 – 11:30 AM

“Studying the effect of PKCI on the behavior on mice using the tail suspension test”

Student: Jessica McGrath
Mentor: Michael Summers
Poster Presentation, UC Ballroom
9:30 – 11:30 AM

“The Relationship Between the Structure of the FIV Matrix Protein and its Ability to Target the Plasma”

Student: Stephanie Núñez
Mentor: Anandarup Gupta
Oral Presentation, UC 312
9:30 - 9:45 AM

“Characterization of the Focal Adhesion-associated Protein Leupaxin in Prostate Cancer Cells”

Student: Irene Pastis
Mentor: Ramachandra Hosmane
Poster Presentation, UC Ballroom
1:00 – 3:00 PM

**“Synthesis of Ring Expanded Nucleoside Analogues for
Inhibition of the Hepatitis B and C Viruses”**

Student: Sean Patro
Mentor: Michael Summers
Poster Presentation, UC Ballroom
9:30 – 11:30 AM

**“Structural Analysis of the Myristoylated Matrix Protein of
the Feline Immunodeficiency Virus”**

Student: Brittany Richardson
Mentor: A-Lien Lu-Chang
Poster Presentation, UC Ballroom
1:00 – 3:00 PM

**“Interactions Between DNA Repair Enzyme Thymine-DNA
Glycosylase and Cell Cycle Checkpoint Protein
Hus 1”**

Student: Maryann Salib
Mentor: Antonino Passaniti
Poster Presentation, UC Ballroom
1:00 – 3:00 PM

**“Metabolic Regulation of RUNX2 Transcription Factor
Expression in Endothelial Cells”**

Student: Sasan Salimian
Mentor: Hua Lu
Poster Presentation, UC Ballroom
9:30 – 11:30 AM

**“Characterization of HTA8, a Histone H2A Gene, in
Arabidopsis Defense Regulation”**

Student: Adjoa Smalls-Mantey
Mentor: Michael Summers
Poster Presentation, UC Ballroom
9:30 – 11:30 AM

**“Characterization of Nucleocapsid Protein Binding to the Psi-
Site of the Moloney Murine Leukemia Virus Genome”**

Student: Jeannie Yoon
Mentor: Lynn Cazabon
Poster Presentation, UC Ballroom
1:00 – 3:00 PM

“Transitions: Photographs by Robert Creamer”

Bioinformatics

Student: Ivette Santana-Cruz
Mentor: Stephen Freeland
Poster Presentation, UC Ballroom
1:00 – 3:00 PM

**“Evaluating the Performance of the BLAST Sequence
Similarity Searching Algorithm”**

Biological Sciences

Student: Manar Abdelkader
Mentor: Steve Miller
Poster Presentation, UC Ballroom
9:30 – 11:30 AM

“Analysis of Transposon Mobility and Identification of Additional gls genes in *Volvox carteri*”

Student: Anthony Agyapong
Mentor: Renty Franklin
Poster Presentation, UC Ballroom
9:30 – 11:30 AM

“Activity of Promoter Regions Critical in hZip1’s Role in Prostate Cancer”

Student: Roderick Bautista
Mentor: Renty Franklin
Poster Presentation, UC Ballroom
1:00 – 3:00 PM

“Localization of an Inhibitory Region in the *hZIP1* Promoter”

Student: Christopher Bednarek
Mentor: Stephen Miller
Poster Presentation, UC Ballroom
9:30 – 11:30 AM

“CR-nitA: the Synthesis of a Selectable Marker for *Volvox carteri* Transformations ”

Student: LaToia Bryant
Mentor: Janice Zengel
Poster Presentation, UC Ballroom
1:00 – 3:00 PM

“Characterizing L4 and L22 Mutations in *E. coli* Strains Resistant to Oleandomycin Triacetate”

Student: Ramon Cabrera
Mentor: Mauricio Bustos
Poster Presentation, UC Ballroom
9:30 – 11:30 AM

“A Genetic Approach to Identify Targets of Ubiquitin Ligases from Animals and Plants”

Students: Nancy Chiles and Sarah M. Bourdon
Mentor: Phyllis Robinson
Poster Presentation, UC Ballroom
9:30 – 11:30 AM

“Sequencing the Melanopsin Gene from Bovine Retina”

Student: Jenéle Dowling
Mentor: Kevin Omland
Poster Presentation, UC Ballroom
1:00 – 3:00 PM

“Low Return Rates and Pairing Infidelity in Two Maryland Oriole Species”

Student: Ejiofor Ezekwe
Mentor: Weihong Lin
Poster Presentation, UC Ballroom
1:00 – 3:00 PM

“Olfactory Epithelial Cell Degradation in Mice with Surgically Occluded Nostrils”

Student: Foyin Fasanmi
Mentor: Steven Johnson
Poster Presentation, UC Ballroom
9:30 – 11:30 AM

“Comparison of Markers of Disease Severity in Patients with Sepsis and Matched Controls”

Student: Adrian Feijoo
Mentor: Weihong Lin
Poster Presentation, UC Ballroom
9:30 – 11:30 AM

“Phosphodiesterase 2-Labeled Atypical Glomeruli and Sensory Neurons in the Olfactory System”

Student: Whitney Fields
Mentor: Janice Zengel
Oral Presentation, UC 310
2:45 – 3:00 PM

“Isolation of Mutations in L4 and L22 That Confer Resistance to the Antibiotic Tylosin”

Student: Tiffany Fleet
Mentor: Lasse Lindahl
Poster Presentation, UC Ballroom
1:00 – 3:00 PM

“Analyzing the Interactions between RNase MRP and XRN-1 in Order to Further Investigate RNA Metabolism

Student: Ayanna Flegler
Mentor: Abdu Azad
Poster Presentation, UC Ballroom
9:30 – 11:30 AM

“Differential Gene Expression in Cultured Rodent Malaria Parasite”

Student: Shilpa Gadwal
Mentor: Janice Zengel
Poster Presentation, UC Ballroom
1:00 – 3:00 PM

“The Effects of High-Level Troleandomycin Resistance Mutations in rRNA of *Deinococcus radiodurans* on Ribosome Function”

Student: Darryl Gaines
Mentor: Nicholas Carbonetti
Poster Presentation, UC Ballroom
1:00 – 3:00 PM

“Novel Protein Secretion Systems in *Bordetella parapertussis*”

Student: Amber Gaither
Mentor: Christopher Plowe
Oral Presentation, UC 312
11:30 – 11:45 AM

“Nested PCR to Amplify the *Plasmodium falciparum* Chloroquine Resistance Transporter (PfCRT) in Samples from Clinical Trials in Malawi”

Student: Marcus Gillis
Mentor: Paul Yarowsky
Poster Presentation, UC Ballroom
9:30 – 11:30 AM

“Parkinsonism Development in Cycad-Fed Rats”

Student: Jamie Heard
Mentor: Charles Bieberich
Poster Presentation, UC Ballroom
1:00 – 3:00 PM

“A Novel System for Inducible Gene Expression in the Prostate”

Student: Uzoma Iheagwara
Mentor: Suzanne Ostrand-Rosenberg
Oral Presentation, UC 312
9:45 - 10:00 AM

“Uveal Melanoma Vaccines Express Major Histocompatibility Class II Molecules in the Absence of Invariant Chain”

Student: Tamika John
Mentor: David Scott
Poster Presentation, UC Ballroom
1:00 – 3:00 PM

“B-Cell Delivered Gene Therapy for Tolerance”

Student: Vovanti Jones
Mentor: Daphne Blumberg
Poster Presentation, UC Ballroom
1:00 – 3:00 PM

“Investigating Potential Second Site Suppressors in the Amp A Pathway in *Dictyostelium discoideum*”

Student: Lynna Kiere
Mentor: Kevin Omland
Poster Presentation, UC Ballroom
9:30 – 11:30 AM

“Reconstructing Carotenoid Color Evolution in Caciques”

Student: Bettel Mussie
Mentor: Margaret McCarthy
Poster Presentation, UC Ballroom
1:00 – 3:00 PM

“Sex Differences in the Expression of Calcium Transporters in the Hypothalamus”

Student: Kelechi Ndubuizu
Mentor: John McLenithan
Poster Presentation, UC Ballroom
1:00 – 3:00 PM

“Gene Expression of Omentin 1/2 in Stromal Vascular Cells of Adipose Tissue”

Student: Chinyere Nwaneri
Mentor: Rosalinda Roberts
Poster Presentation, UC Ballroom
9:30 – 11:30 AM

“The Localization of Parvalbumin in the Human Prefrontal Cortex: A Light and Electron Microscopic Study”

Student: Frances Onyimba
Mentor: Margaret McCarthy
Poster Presentation, UC Ballroom
9:30 – 11:30 AM

“The Neurotoxic Effects of Glutamate on Neonatal Rats”

Student: Peter Parker
Mentor: Lasse Lindahl
Poster Presentation, UC Ballroom
1:00 – 3:00 PM

“Visualization and Analysis of RNase MRP in *Saccharomyces cerevisiae* using Optimized Tetracycline Tagging of SNM1p”

Student: Carlita Phillip
Mentor: David Eisenmann
Poster Presentation, UC Ballroom
9:30 – 11:30 AM

“Determination of Spatial and Temporal Location of Candidate Bar-1 Target Genes in *Caenorhabditis elegans* during Development”

Student: Charles Rutter
Mentor: Angelika Burger
Poster Presentation, UC Ballroom
9:30 – 11:30 AM

“Detection of Circulating Hsp90 α in Plasma from Tumor-Bearing Mice and Patients”

Student: Shayla Shorter
Mentor: Violeta Rus
Oral Presentation, UC 310
1:45 - 2:00 PM

“Role of TRAIL in Induced and Spontaneous Murine Lupus Models”

Student: Steven Tuyishime
Mentor: Janice Zengel
Poster Presentation, UC Ballroom
1:00 – 3:00 PM

“Spiramycin-resistant Mutations in *Escherichia Coli* L4 and L22”

Chemical Engineering

Student: Izath Aguilar
Mentor: Theresa Good
Poster Presentation, UC Ballroom
1:00 – 3:00 PM

“Prevention of A β Cell Interaction Using Sialic Acid Analogues”

Student: William Becker
Mentor: Theresa Good
Poster Presentation, UC Ballroom
9:30 – 11:00 AM

“Developing a Platform for the Detection of Beta Amyloid Protein, a Protein Associated with the Development of Senile Plaques Found in Alzheimer’s Disease”

Student: Abraham Beyene
Mentor: Mariajose Castellanos
Poster Presentation, UC Ballroom
1:00 – 3:00 PM

“Calcium Dynamics in the Extra-Cellular Space of Neural Tissue”

Students: Ryan Connor and Khadijatou Kjimouluh
Mentor: Michael Summers
Poster Presentation, UC Ballroom
9:30 – 11:00 AM

“Analysis of HIV-1 SL4-U5 Binding Region”

Student: Debora Lin
Mentor: Theresa Good
Poster Presentation, UC Ballroom
1:00 – 3:00 PM

**“The Effects of Osmolytes on A β Oligomer and Fibril Stability
in Physiological Buffers”**

Student: Jacob McGill
Mentor: Mariajose Castellanos
Poster Presentation, UC Ballroom
9:30 – 11:00 AM

**“Structured Stochastic Model of Influenza A Virus in a Host
Cell ”**

Student: Oluwaseun Olayiwola
Mentor: Mariajose Castellanos
Poster Presentation, UC Ballroom
1:00 – 3:00 PM

“ A Quantitative Model of the Rho GTPases Network”

Student: Akanksha Raja
Mentor: Govind Rao
Poster Presentation, UC Ballroom
1:00 – 3:00 PM

**“Fluorescent Fluoride Ion Detection in Drinking Water Based
on Alizarin Red S- Al(III) Complex ”**

Student: Robert Reeves
Mentor: Jennie Leach
Poster Presentation, UC Ballroom
1:00 – 3:00 PM

**“Drug Delivery Devices Based on Hydrogels of Naturally-
Derived Biopolymers”**

Student: Erin Voss
Mentor: Jennie Leach
Poster Presentation, UC Ballroom
9:30 – 11:00 AM

**“Neurite Outgrowth and Integrin Signaling Pathways in 3D
Systems”**

Chemistry

Student: Caryn Bell
Mentor: William LaCourse
Poster Presentation, UC Ballroom
9:30 – 11:00 AM

“Development of a Novel Food Spoilage Sensor”

Student: Jonathan Bryant-Genevier
Mentor: Colin Garvie
Poster Presentation, UC Ballroom
9:30 – 11:00 AM

“Structural Analysis of RFX5 Dimerization Domain”

Student: Luis Cocka
Mentor: Katherine Seley-Radtke
Poster Presentation, UC Ballroom
9:30 – 11:00 AM

**“Synthesis of Carbocyclic Nucleoside Analogues as Potential
Inhibitors of SAHase and Adenosine Deaminase”**

Student: Joy Ihekweazu
Mentor: Lisa Kelly
Poster Presentation, UC Ballroom
1:00 – 3:00 PM

**“Non-Covalent Interactions Between 1,8-Naphthalimide
Compounds and Amino Acids”**

Student: Matthew Loftus
Mentor: Lisa Kelly
Oral Presentation, UC 312
10:15 - 10:30 AM

**“Laser-Stimulated Raman Spectroscopy as a Method for
Remote Atmospheric Sensing Technology”**

Computer Engineering

Student: Askia Hill
Mentor: Fow-Sen Choa
Poster Presentation, UC Ballroom
1:00 – 3:00 PM

“Autonomous Flying Control Systems for Mini-flying Robots”

Student: Albert Hsu
Mentor: Yordan Kostov
Poster Presentation, UC Ballroom
9:30 – 11:00 AM

**“Cost Effective Wireless Sensor Network for Environmental
Sensing”**

Student: Hasina Jamal
Mentor: Fow-Sen Choa
Poster Presentation, UC Ballroom
1:00 – 3:00 PM

**“Fabrication and Characterization of Quantum Cascade
Lasers”**

Computer Science

Demonstrations in UC Ballroom
9:30 – 11:30 AM and 1:00 – 3:00 PM

UMBC Game Development Club

Mentor: Penny Rheingans

President/Programmer: *Eric Jordan*

Programming: *Josh Allen, Chris Conley, Charles Lohr, Paul Oliver, Elliot Paige*

**Art: *Micha Betts, Arthur Gould, Robert Jones, Marcus Lepage, Kiran Sudhakar,
Lesa Wilcox***

Web Design/Art: *Katie Chrzanowski*

Sound Effects/Music: *George Aninwene II, Andrew Garrahan*

Dance

Student: Mya Ajanku
Mentor: Carol Hess
Dance Performance, FA 317
11:00 - 11:15 AM

“My Feet Speak My Words”

Student: Lisa Fecteau
Mentor: Doug Hamby
Dance Performance, FA 317
10:15 - 10:30 AM

“Slipping Away”

English

Student: Elisa Frantz
Mentor: Orienne Smith
Oral Presentation, UC 312
10:45 - 11:00 AM

“Richard Bentley's Edition of Paradise Lost”

Student: Christopher Paul
Mentor: Jennifer Maher
Poster Presentation, UC Ballroom
1:00 – 3:00 PM

**“The Cyberpeople Jack Implant: A Study of Remediation,
Ethics, and Technology”**

Environmental Science

Student: Crystal Healy
Mentor: Christopher Swan
Poster Presentation, UC Ballroom
9:30 – 11:30 AM

**“The Interaction between Resource Quality, Invertebrate
Density and Microbial Contributions to Leaf Litter Decay in a
Stream Food Web”**

Student: Aaron Stoler
Mentor: Christopher Swan
Oral Presentation, UC 310
2:00 - 2:15 PM

**“Microbial Respiration on Mixed Leaf Substrates Mediated by
Insect Feeding”**

Student: Ryann Williams
Mentor: Christopher Swan
Poster Presentation, UC Ballroom
9:30 – 11:30 AM

**“The Effect of Leaf Litter Species on Tri-trophic Interactions
in a Detritus-based Stream Ecosystem”**

Financial Economics

Student: Kyle Clelan
Mentor: Douglas Lamdin
Oral Presentation, UC 310
10:30 - 10:45 AM

**“Are Super Bowl Betting Markets Informationally Efficient?
The Time-Series Evidence”**

History

Student: Dorothy Kenny
Mentor: Daniel Ritschel
Oral Presentation, UC 312
1:45 - 2:00 PM

“Seeing Through Smoke: The Role of Science in Public Health Policy Following the 1952 London Fog”

Student: Jenny Parish
Mentor: Amy Froide
Oral Presentation, UC 312
1:30 - 1:45 PM

“Outcomes of Female Patriotism: The Women of the WAVES during and after WWII”

Information Systems

Student: Sumita Das
Mentor: Carolyn Seaman
Poster Presentation, UC Ballroom
9:30 – 11:30 AM

“Improving Software Maintenance Through Better Documentation”

Interdisciplinary Studies

Student: DeLeon Gray
Mentor: Charissa Cheah
Oral Presentation, UC 310
10:00 - 10:15 AM

“Enhancing the Educational Outlooks of Adolescent Mothers through Social Relationships”

Student: Simonne-Michelle Jones
Mentor: Cindy Schaeffer
Poster Presentation, UC Ballroom
1:00 - 3:00 PM

“Bridging the Gap Between HIV/AIDS and Awareness in Ghana, Africa”

Student: Louis Leibowitz
Mentor: Ilsa Lottes
Oral Presentation, UC 310
2:30 - 2:45 PM

“Evaluating the Fiscal Effects of Same-Sex Marriage in Maryland”

Student: Truc Nguyen
Mentor: Christopher Peregoy
Oral Presentation, UC 310
11:30 - 11:45 AM

“Call Me Brother: A Collection of American Immigration Stories”

Mathematics

Student: Clifford Bridges
Mentor: Muddappa Gowda
Poster Presentation, UC Ballroom
1:00 – 3:00 PM

“Study of Quaternions and Their Uses”

Mechanical Engineering

Student: Brandon Johnson
Mentor: Tim Topoleski
Oral Presentation, UC 310
1:30 - 1:45 PM

**“Improving Mechanical Properties of PMMA Bone Cement
with Nano and Micro Particles”**

Student: Stephen Pirpiris
Mentor: Tony Farquhar
Poster Presentation, UC Ballroom
1:00 – 3:00 PM

“The Feasibility of Biodiesel from Phytoplankton”

Student: Astin Ross
Mentor: Dawn Bennett
Poster Presentation, UC Ballroom
1:00 – 3:00 PM

“Design and Fabrication of a Dielectrophoretic Device”

Student: Dianne Weeks
Mentor: Liang Zhu
Poster Presentation, UC Ballroom
1:00 – 3:00 PM

**“Investigations of the Temperature Elevation and
Nanoparticle Distribution during Magnetic Fluid
Hyperthermia”**

Music

Student: Christie Finn
Mentor: David Smith
Oral and Vocal Presentation, UC 312
11:15 - 11:30 AM

“Movement and the Singer”

**Students: Rachele Sills, *violin*; Anna
An, *violin*; Michael Herder, *violin*;
Megumi Mizumoto, *violin*; Talya
Schenk, *viola*; Matthew Poloncha,
viola; Dami Soh, *cello*; Joe Martone,
double bass; Grace Kim, *piano***
Mentor: Airi Yoshioka
Musical Performance, UC 312
11:00 - 11:15 AM

“Baroque String Ensemble ”

Student: Trevor Simpson
Mentor: David Kim-Boyle
Poster Presentation, UC Ballroom
1:00 – 3:00 PM

“Study and Archiving of Impulses for Convolution Reverb”

Philosophy

Student: Joseph Krylow
Mentor: Susan Dwyer
Poster Presentation, UC Ballroom
9:30 – 11:30 AM

“Noam Chomsky's View of the Mind: Its Philosophical Implications and Antecedents”

Student: John Weller
Mentor: Susan Dwyer
Oral Presentation, UC 310
9:45 - 10:00 AM

“Stages of Ethical Thought”

Physics

Student: Philip Graff
Mentor: Markos Georganopoulos
Oral Presentation, UC 312
10:00 - 10:15 AM

“A State-of-the-Art Numerical Code for Probing the Workings of Quasar Jets”

Students: Serina Jensen, Daniel Staples, and Jonathan Williams
Mentor: Lynn Sparling
Poster Presentation, UC Ballroom
9:30 – 11:30 AM

“Evaluating the Predictive Accuracy of the WRF Model in Assessing Wind Resource at High Resolution”

Student: Lidiya Mishchenko
Mentor: Todd Pittman
Oral Presentation, UC 310
2:15 - 2:30 PM

“Production of Tapered Optical Fibers”

Political Science

Student: Caroline Andes
Mentor: Carolyn Forestiere
Poster Presentation, UC Ballroom
9:30 – 11:30 AM

“Facebook Me: The Facebook(TM) and Social Capital”

Student: Christina Stanley
Mentor: Cynthia Hody
Oral Presentation, UC 310
9:30 - 9:45 AM

“Perceptions (or Misperceptions) and the Troubled State of US-Iranian Relations”

Psychology

Student: Megan Anders
Mentor: Laura Ting
Oral Presentation, UC 312
2:15 - 2:30 PM

**“Survivors of Domestic Violence: Violence Acceptance,
Cultural Factors, and Self Esteem”**

Students: Jenny Ficco and Stefanie Kirk
Mentor: Stanley Feldstein
Poster Presentation, UC Ballroom
9:30 – 11:30 AM

“The Reliability and Internal Consistency of the Revised Dyad Adjustment Scale for a Sample of Young Romantic Couples”

Student: Jessica Folk
Mentor: Lynanne McGuire
Poster Presentation, UC Ballroom
9:30 – 11:30 AM

“Sex Differences in the Influence of Resting Blood Pressure, Pain Catastrophizing, and Fear of Pain on Pain Outcomes”

Student: Jonathan Grabe
Mentor: Lisa Jordan
Poster Presentation, UC Ballroom
1:00 – 3:00 PM

“Relationships and Interactions with Family and Peers as Predictors of Adolescent Substance Use and Depression”

Student: Joseph Keller
Mentor: Lynnda Dahlquist
Poster Presentation, UC Ballroom
1:00 – 3:00 PM

“Age and Gender Effects in Pain Distraction Intervention”

Students: Leila King and Debbie Potts
Mentor: Diane Alonso
Poster Presentation, UC Ballroom
1:00 – 3:00 PM

“Creating Academic Success Through Guided Study Sessions”

Student: Kelly Kovack
Mentor: Christopher Murphy
Poster Presentation, UC Ballroom
9:30 – 11:30 AM

“Domestic Violence: Risks of Contact and Restraining Orders”

Student: Anna Kuklova
Mentor: Charissa Cheah
Oral Presentation, UC 310
2:00 - 2:15 PM

“Parental Autonomy Development in Immigrants from the Former Soviet Union”

Student: Charles Rutter
Mentor: Lynnda Dahlquist
Poster Presentation, UC Ballroom
1:00 – 3:00 PM

“Habituation to the Distractive Properties of Virtual Reality in Pain Analgesia”

Student: Jaclyn Samek
Mentor: Shari Waldstein
Poster Presentation, UC Ballroom
1:00 – 3:00 PM

“Endorsement of BRIEF Validity Items May Identify Low Participant Investment in Behavioral Research”

Social Work

Student: Durell Callier
Mentor: Laura Ting
Oral Presentation, UC 312
2:30 - 2:45 PM

“Analyzing Predictors of Academic Success among African American Adolescents within an Urban Charter”

Student: Jacqueline Redmond
Mentor: Tiffany Sanders Baffour
Poster Presentation, UC Ballroom
1:00 – 3:00 PM

“Barriers to Optimal Health and Social Services Provision among Rural African American Women”

Sociology and Anthropology

Student: Robin Cagey
Mentor: Ann Frankowski
Poster Presentation, UC Ballroom
1:00 – 3:00 PM

“The African American Experience at Eastern State Penitentiary: Insight into Prison Life and the History of Corrections”

Student: Julie Fields
Mentor: Jessica Kelley-Moore
Poster Presentation, UC Ballroom
1:00 – 3:00 PM

“Is Socioeconomic Status Health Protective? Exploring the Mediating Role of Psychosocial Factors among African Americans”

Student: Eric Grollman
Mentors: Ilsa Lottes
and Fred Pincus
Oral Presentation, UC 310
10:45 - 11:00 AM

“Traditional and Modern Homophobia”

Theatre

Student: Jessica Dulaney
Mentor: Colette Searls
Dance Performance, FA 317
10:45 - 11:00 AM

“Acting from a Musical Approach”

Visual and Performing Arts

Students: Danielle Durbin, Erin Terwilliger, Jake Jensen, Jon Pack, Kim Patrick, Una Petrovic
Mentor: Anna Rubin
Dance Performance, FA 344
11:35 - 11:50 AM

“Miracle”

Visual Arts

Student: Irene Colorado
Mentor: Cathy Cook
Video Exhibition, FA 317
9:30 - 9:45 AM

“BODY”

Student: Glen Fortner
Mentor: Frederic Worden
Video Exhibition, FA 317
9:45 - 10:00 AM

“The Beast and Dragon, Adored”

Student: Strider Jordan
Mentor: Frederic Worden
Video Exhibition, FA 317
10:00 - 10:15 AM

“Being Human”

Student: Kelly Driscoll and Brian Curlee
Mentor: Frederic Worden
Video Exhibition, FA 317
10:30 - 10:45 AM

“Tag!”

Student: Katie Chrzanowski
Mentor: Frederic Worden
Video Exhibition, FA 317
11:15 - 11:30 AM

“Who Says the Old Can't Move?”

Student: Stephanie Potter
Mentor: Calla Thompson
Artistic Exhibition, Fine Arts Building
First Floor Hallway Gallery
9:30 – 11:30 AM

“Recollections of Katrina: A Visual Exploration of the Subjectivity of Memory”

Student: Andrew Shoenfeld
Mentor: Lynn Cazabon
Artistic Exhibition, Fine Arts Building
First Floor Lighting Studio
9:30 – 11:30 AM

“The Seven Deadly Sins”

**Students: Christina Ralls
and Katie Better
Mentor: Steve Bradley
Artistic Exhibition, UC Ballroom
9:30 – 11:30 AM**

**“"Traum Baum" Public Art as Catharsis: Interactive
Sculpture and Community Outreach”**