April 22, 2009

Master Roster of
Presenters by Department

Scroll down for all URCAD 2009 presentations by department or program in alphabetical order

American Studies
Ancient Studies
Biochemistry
Bioinformatics
Biological Sciences
Chemical Engineering
Chemistry
Computer Engineering
Computer Science
Dance
English
Environmental Science
Health Administration and Policy
History
Information Systems
Inter-Disciplinary Studies
Mathematics
Mechanical Engineering
Modern Languages and Linguistics
Music
Philosophy
Physics
Political Science
Psychology
Social Work
Visual Arts

Scroll down to see individual department and program listings.
April 22, 2009

Master Roster of Presenters by Department

American Studies

Student: Susan Kane
Mentor: Dr. Kathy Bryan
UC 312
1:45 - 2:00 p.m.

“Designing Culturally-Sensitive Curricula in Native American Reservation Schools: The Seminole Nation”

Student: Alexandra Hyland
Mentor: Dr. Jason Loviglio
UC 312
2:00 p.m. - 2:15 p.m.

“The Baltimore Girl: An Experiment in Sustainable Living”

Ancient Studies

Students: Cally Brandt and Sarah Ryan
Mentor: Dr. Richard Mason
UC Ballroom
12:30 - 3:00 p.m.

"Ways of Seeing" - Looking at The Creative Photograph in Archaeology Exhibit in the Albin O. Kuhn Library Gallery"

Biochemistry

Oral Presentations

Student: Dina Popovkina
Mentor: Dr. Scott Thompson
11:00 - 11:15 a.m. in UC 312

“The Effect of Corticosterone and trkB Receptor Downregulation on Dendritic Spine Density”

Student: Olufolakemi Awe
Mentor: Dr. Michael Donnenberg
1:30 - 1:45 p.m. in UC 310

“Analyzing the Interaction Partners, BfpU and BfpA, of the Bundlin Forming Pilus of Enteropathogenic E. coli (EPEC)”

Student: Sunaina Khandelwal
Mentor: Dr. Alessio Fasano
1:45 - 2:00 p.m. in UC 310

“PBMC from a Subpopulation of Celiac Patients Respond to Gliadin with Interleukin-8 Production that is CXCR3-Dependent”

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

Student: Maria Beckford
Mentor: Dr. Katherine Radtke

“Synthesis of a Flexible Carboxycyclic Nucleoside”

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Master Roster of Presenters by Department

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Student: Sara Kibrom
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“Crotamine Interaction with Polysaccharides and Ternary Complex Formation”

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“The Effect of Toll-Like Receptors on Dendritic Cell Activity and T-Cell Activation”

Student: Nirav Shelat
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Student: Tesia Stephenson
Mentor: Dr. Orna Cohen-Fix
“Identifying Novel Cell Cycle Regulators in Budding Yeast”

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

Student: Anissa Alexander
Mentor: Dr. Christopher Plowe
“The Serine Repeat Antigen5: A Promising Malaria Vaccine Candidate”

Student: Stephanie Battle
Mentor: Dr. Hua Lu
“Structure-Function Analysis of the Novel Defense Protein SUP3 in Arabidopsis thaliana”

Student: Destiney Buelto Nkechinyere A. Emeghienna
Mentor: Dr. Laundette Jones
“Characterization of Brown Adipose Tissue in the Adult Mammary Gland of Brca1-Mutant Mice”

Student: Mohsan Chaudhry
Mentor: Dr. Ramachandra Hosmane
“Ring-Expanded Nucleotides/Nucleosides as Potential Anti-Viral and Anti-Cancer Agents”

Student: Nwamaka Dike
Mentor: Dr. Bret Hassel
“Regulation of the Antiviral Tumor Suppressor RNase-L by MicroRNAs”

Student: Monique Foster
Mentor: Dr. Veronika Szalai
“Impact of Cu(I) Binding to Amyloid-beta in Alzheimer's Disease”

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Master Roster of Presenters by Department

University Center 3rd Floor

Student: Benyam Kinde
Mentor: Dr. Michael Summers
“An NMR Protocol for the High-Resolution Structure Determination of Large RNAs”

Student: Gowry Kulandaivel
Mentor: Dr. Michael Summers
“Disproving the Existence of an Interaction Between the Primer Binding Site and the SL4 Stemloop of the HIV-1 RNA Genome”

Student: Jessica Michaels
Mentor: Dr. Ramachandra Hosmane

Student: Christelle Samen
Mentor: Dr. Violeta Rus
“IL-21 is Increased in CD4+ T Cells and Serum of Patients with SLE”

Student: Tanu Sharma
Mentor: Dr. Phyllis Robinson
“Searching for the Counterion to the Protonated Schiff Base in Melanopsin”

Student: Igor Shusterman
Mentor: Dr. Patricio O’Donnell
“Prefrontal Cortex Deficits in a Delay Odor Discrimination Task in a Rat Model of Schizophrenia”

Bioinformatics

Student: Mayukh Chakrabarti
Mentor: Dr. Tomoshige Kino
9:30 - 9:45 a.m. UC 312
“Mechanism of Action of the CDK5-GR-APP Pathway in Beta-Amyloid Production and Alzheimer's Disease Pathogenesis”

Student: Asa Adadey
Mentor: Dr. Maricel Kann
12:30 - 3:00 p.m.
UC Ballroom
“Computational Methods for Linking Domain Loss or Substitution in Alternative Splicing Variants with Diseases”

Student: Richard S.L. Blissett
Mentor: Dr. Maricel Kann
12:30 - 3:00 p.m.
UC Ballroom
“Optimization of Species Selection for Genome-Wide Application of the Mirrortree Method”

Student: Albert Kung
Mentor: Dr. Ivan Erill
12:30 - 3:00 p.m.
UC Ballroom
“Training a Neural Network to Detect Binding Sites Based on Bendability and Curvature Information”

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Master Roster of Presenters by Department

University Center 3rd Floor

**Biological Sciences**

**Oral Presentations**

10:30 - 10:45 a.m.
UC 312
Student: Jessica McGrath
Mentor: Dr. Michael Summers

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

10:45 - 11:00 a.m.
UC 312
Student: Tamika John
Mentor: Dr. Lasse Lindahl

“Investigating the Role of RORgammaT in Human Th17 Cell Differentiation”

11:00 - 11:15 a.m.
UC 312
Student: Dina Popovkina
Mentor: Dr. Scott Thompson

“The Effect of Corticosterone and trkB Receptor Downregulation on Dendritic Spine Density”

11:15 - 11:30 a.m.
UC 312
Student: Sasan Salimian
Mentor: Dr. Hua Lu

“Exploiting acd6-1 in Dissection of Defense Signaling Networks in Arabidopsis”

2:15 - 2:30 p.m.
UC 310
Student: Melissa Chapman
Mentor: Dr. Andrea Kalfoglou

“To Tell or not to Tell: The Ethical Dilemma of Carrier Testing for Gaucher's Disease”

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

Student: Brook Asamenew
Mentor: Dr. Charles Bieberich

“Analysis of the c-Myc Transcription Factor in Mouse Models of Prostate Cancer”

Student: Irene Cho
Mentor: Dr. Jeff Leips

“The Effects of S6K Gene on Immune Response in Drosophila melanogaster”

Student: Ejiofor Ezekwe and Ramon Cabrera
Mentor: Dr. Weihong Lin

“Irritant-Induced Proliferation of Presumed Solitary Chemosensory Cells in the Airway”

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

**Student:** Whitney Fields  
**Mentor:** Dr. Janice Zengel  
“Localization of Myo1 in *Saccharomyces cerevisiae* Mutants with a Multibudded Phenotype”

**Student:** Phillip Fitzgerald  
**Mentor:** Dr. William Reid  
“Increased Expression of SOCS1 by HIV-1 Transgenic Rats: A Mechanism for Dysregulated T Helper-1 Responses”

**Student:** Chioma Ihekweazu  
**Mentor:** Dr. Scott Strome  
“Production of an EMMPRIN Murine Immunoglobulin Fc Fusion Protein to Study Tumor Invasion”

**Student:** Ruby Jackson-Atogi  
**Mentor:** Dr. Jeff Leips  
“The Role of Prior Experience on Parasitoid Host Choice”

**Student:** Vovanti Jones  
**Mentor:** Dr. Tim Schedl  
“Using Next Generation Solexa Sequencing to Identify Genes that Regulate Stem Cell Proliferation in the *C. elegans* Germline”

**Student:** Sara Stockman  
**Mentor:** Dr. Greg Elmer  
“Assessment of Hippocampal Integrity In Development of Specific Anti-mitotic Lesion Model”

**Student:** Margarita Tsionsky  
**Mentor:** Dr. Hua Lu  
“Characterization of SUP3 Homologues in *Arabidopsis defense*”

**Student:** Steven Tuyishime  
**Mentor:** Dr. Janice Zengel  
“Myo1 Localization’s Effect on Multi-Budded Phenotype in *Saccharomyces cerevisiae*”

**Student:** Katherine Woronowicz  
**Mentor:** Dr. Phyllis Robinson  
“Investigating the Secondary Structure of the Mouse Melanopsin Carboxy-Tail”

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

**Student:** Yohance Allette  
**Mentor:** Dr. Rachel Brewster  
“Analysis of the MAP dclk1 and its Effect on Microtubule Stabilization During Neurulation in the Zebrafish”

**Student:** Ashleigh Bouchelion  
**Mentor:** Dr. David Eisenmann  
“The Wnt Pathway: Identification of Target Genes in *C. elegans*”

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

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<thead>
<tr>
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<tr>
<td>Erwin Cabrera</td>
<td>Dr. Phyllis Robinson</td>
<td>“Probing the Structure of Rhodopsin and Human Green Opsin Using Site Directed Spin Labeling”</td>
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<tr>
<td>Michael Castello</td>
<td>Dr. Jessica Mong</td>
<td>“Changes in MMP-9 Protein Levels as an Indicator of Brain Perturbation by Nicotine Exposure”</td>
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<tr>
<td>Nancy Chiles</td>
<td>Dr. Ann Gruber-Baldini</td>
<td>“Education and its Role in Recovery from a Hip Fracture”</td>
</tr>
<tr>
<td>Tyler Frankel</td>
<td>Dr. Tamra Mendelson</td>
<td>“Disassortative Mating Based On Color In the Freshwater Platypus Xiphophorus maculatus (Poeciliidae)”</td>
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<tr>
<td>Lydia Grmai</td>
<td>Dr. Suzanne Ostrand-Rosenberg</td>
<td>“Mechanisms of Suppression in Breast Cancer”</td>
</tr>
<tr>
<td>Nana Owusu-Boaitey</td>
<td>Dr. David Scott</td>
<td>“The Utilization of TAT Fusion Protein for Tolerance Induction in the EAE Model”</td>
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<tr>
<td>Nicole Parker</td>
<td>Dr. Jia Bei Wang</td>
<td>“PKCI/HINT1 Involvement in the Learning and Behavior of the Morris Water Maze Test Using Proximal Cues”</td>
</tr>
<tr>
<td>Alexandria Scott</td>
<td>Dr. Tamra Mendelson</td>
<td>“Using Phylogenetic Differences Between Species to Estimate Geological Timing”</td>
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### Chemical Engineering

**Oral Presentation, UC 312**

*11:30 - 11:45 p.m.*

Students: Rob Low, Fellipe F. Balieiro, Timothy D. Courtney, Thomas C. Hsu, and Khurram S. Mahmood

Mentor: Dr. Maria Jose Castellanos

“Design for Algae-Based Biodiesel and Ethanol Fuel Plant”
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Master Roster of Presenters by Department

University Center 3rd Floor

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

Student: Nizeet Aguilar, Robert P. Reeves, Robert J. Marino, Adebimpe D. Oyede, and Jessica DeWitt
Mentor: Dr. Mariajose Castellanos

“Feasibility Study of the Design of Artovastatin Calcium (Lipitor®) Pharmaceutical Plant”

Student: Ryan Connor
Mentor: Dr. Mariajose Castellanos

“Poor Drug Penetration into the Central Nervous System and its impact on HIV-1 Pathogenesis: A Mathematical Model”

Student: Timothy Courtney
Mentor: Dr. Mark Marten

“Efficacy of Protein Quantitation Assays Compatible with Two Dimensional Gel Electrophoresis”

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

Student: Jonathan Bollinger, Goncalo Maia, Michael Pacella, and Michael German
Mentor: Dr. Mariajose Castellanos

“In silico Modeling and Optimization of Algal Biomass Production”

Student: Robert Henderson
Mentor: Dr. Mariajose Castellanos

“HIV Dynamics: Infection Kinetics”

Student: Paula McCusker
Mentor: Dr. Mariajose Castellanos

“A Mathematical Model of the HPV Infection Mechanism”

Student: Oluwaseun Olayiwola
Mentor: Dr. Mariajose Castellanos

“GTPases Mathematical Framework Dynamics”

Student: Michael Pacella
Mentor: Dr. Mariajose Castellanos

“Creating a Mathematical Model of Chlamydomonas Reinhardtii Metabolism”
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**University Center 3rd Floor**

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<td>Ryan Park, Ryan Connor, Benjamin Link, and Joel Gwinn</td>
<td>Dr. Mariajose Castellanos</td>
<td>“Industrial Production of Aspartame: Economic Feasibility Study on Entering the Market”</td>
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<td>Aileen Richards, Mike S. German, Ashrith Mathias, Olu Olayiwola, and Benjamin Schultz</td>
<td>Dr. Mariajose Castellanos</td>
<td>“The Economic Feasibility of Algae as a Green Energy Source”</td>
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<td>Melissa Santos</td>
<td>Dr. Leah Tolosa</td>
<td>“Development of Intuitive Fluorescent Biosensor for Glucose”</td>
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<td>Hannah Wilson</td>
<td>Dr. Julia Ross</td>
<td>“Effect of Nutrient Conditions on Staphylococcus aureus Biofilm Formation”</td>
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**Chemistry**

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“Self-Reporting Fluorescent Nanogels”

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Student: **Nathaniel Kim**  
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Student: Jessica Michaels
Mentor: Dr. Ramachandra Hosmane
"Novel Site Directed Affinity Reagent for Cross-Linking Human Hemoglobin: A Tetra-Aldehyde Cross-Linking Reagent"

Student: Nick Pinkin
Mentor: Dr. Ramachandra Hosmane
"Synthesis of Potential Inhibitors of Thymidylate Synthase Based on Quinazoline Structural Skeleton"

Student: Christelle Samen
Mentor: Dr. Violeta Rus
"IL-21 is Increased in CD4⁺ T Cells and Serum of Patients with SLE"

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Student: Igor Shusterman
Mentor: Dr. Patricio O'Donnell
“Prefrontal Cortex Deficits in a Delay Odor
Discrimination Task in a Rat Model of Schizophrenia”

Student: Melvin Velasquez
Mentor: Dr. Katherine Seley-Radtke
“Design and Synthesis of Flexible 2'-Deoxy Nucleoside
Analogs (Fleximers) As Potential Chemotherapeutic
Agents”

Computer Engineering

Student: Aurelius Graninger
Mentor: Dr. Fow-Sen Choa
University Center Ballroom
10:00 a.m. - 12:30 p.m.
“Stand-Off Chemical Detection Using Acoustic
Beamforming and Photoacoustic Sensing”

Student: Joseph Hyman
Mentor: Dr. James Oates
University Center Ballroom
10:00 a.m. - 12:30 p.m.
“Development of an Algorithm to Allow Robots to
Objectively Analyze Causally Relevant Objects in the
Environment”

Computer Science

U.C. Ballroom 10:00 a.m. – 12:30 p.m.

Student: Roger Guseman
Mentor: Dr. Marie desJardins
“Probabilistic Constrained Relational Clustering with an
Application to Facebook”

Student: Peter Hamilton
Mentor: Dr. Marie desJardins
“Applying Swarm Rule Abstraction to a Wireless Sensor
Network Domain”

Student: Michael Lombardi
Mentor: Dr. Marie desJardins
“Measuring General Relational Structure Using the
Block Modularity Clustering Objective”

Students: UMBC Game
Development Club
Mentor: Dr. Marc Olano
10:00 a.m. - 12:30 p.m.
“Explorations in Game Development: Creating 2D and
3D Worlds”

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U.C. Ballroom 12:30 p.m. – 3:00 p.m.

Students: UMBC Game Development Club
Mentor: Dr. Marc Olano
10:00 a.m. - 12:30 p.m.

“Explorations in Game Development: Creating 2D and 3D Worlds”

Dance

Dance Studio, Fine Arts 317

9:50 - 10:10
Student: Joshua Barnard
Mentor: Mr. Doug Hamby

“Something Like It”

10:10 - 10:30
Student: Hannah Rzasa
Mentor: Mr. Doug Hamby

“Enraptured”

10:30 - 10:50
Student: Tania Knight
Mentor: Mr. Doug Hamby

“passIoNate eMOTION”

10:50 - 11:10
Student: Hannah Rzasa
Mentor: Mr. Doug Hamby

“Letters from Jane: A Tribute to Jane Austen”

11:10 - 11:30
Student: Mya Ajanku
Mentor: Mr. Doug Hamby

“From Chaos”

11:30 - 11:50
Student: Angel Chinn
Mentor: Mr. Doug Hamby

“Pluto 2086”

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**English**

Student: Nikoletta Gjoni  
Mentor: Dr. Raphael Falco  
10:15 - 10:30 a.m. UC 310

“Communism and Censorship: A Stunting of Albania's Literary Culture or the Birthing of a Unique National Movement?”

**Environmental Science**

Student: Jessica Childs  
Mentor: Dr. Laura Lewis  
10:00 a.m. - 12:30 p.m.  
UC Ballroom  
Poster Presentation

“Food Deserts and their Presence in a Southwest Community of Baltimore City”

Student: Daniel Jones  
Mentor: Dr. Junmei Tang  
12:30 - 3:00 p.m.  
UC Ballroom  
Poster Presentation

“3D Tour of an Urban Environmental Research Site Using Google Earth and KML”

**HAPP**

Student: Richard Blissett  
Mentor: Dr. Andrea Kalfoglou  
10:00 a.m. - 12:30 p.m.  
UC Ballroom  
Poster Presentation

“PGS: A Fishy Business”

Student: Mary Rhee  
Mentor: Dr. Andrea Kalfoglou  
10:00 a.m. - 12:30 p.m.  
UC Ballroom  
Poster Presentation

“Ethical Issues Unique to Facial Transplantation”

Student: Melissa Chapman  
Mentor: Dr. Andrea Kalfoglou  
2:15 - 2:30 p.m.  
UC 310

“To Tell or not to Tell: The Ethical Dilemma of Carrier Testing for Gaucher's Disease”

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University Center 3rd Floor

Student: Esther Lei
Mentor: Ms. Danika Rockett
2:30 - 2:45 p.m.
UC 310
Oral Presentation

“Re-evaluating Malaria Prevention Techniques in Zambia”

Student: Neal Karkhanis
Mentor: Dr. Andrea Kalfoglou
2:45 - 3:00 p.m.
UC 310

“Survey of UMBC Students' Knowledge, Attitudes, and Beliefs about Seeking Care for Emotional and Mental Health Problems”

History

Student: Alexander Bush
Mentors: Dr. Rebecca Boehling and Dr. Constantine Vaporis
2:15 p.m. - 2:30 p.m. UC 312


Student: Teresa Bass Foster and Vicki M. Heath
Mentor: Dr. Amy Froide
2:30 - 2:45 p.m. UC 312

“Using Court Records as Historical Sources: A Study of Infanticide in 18th-century London's Old Bailey Criminal Court”

Student: Maureen C. Maselko
Mentor: Dr. Amy Froide
3:15 - 3:30 p.m. UC 310

“'Under the Colour of Religion': The Formation of Group Identity in Early Modern Ireland”

Information Systems

Student: Matthew Schultz
Mentor: Dr. Roy Rada
10:00 - 10:15 a.m. UC 312

“Knowledge-Supported Evolutionary Computation in Financial Investing”

INDS

Student: Theresa Columbus
Mentor: Mr. Steven Bradley
9:45 - 10:00 a.m. UC 310
Oral Presentation

“Fear and Wisdom and Others”
Student: Yelena Dewald  
Mentor: Dr. Devin Hagerty  
10:00 - 10:15 a.m. UC 310  
Oral Presentation  
“The Internet and Iranian Youth Culture”

Student: Samantha Bier  
Mentor: Dr. Bambi Chapin  
12:30 - 3:00 p.m.  
UC Ballroom  
Poster Presentation  
“Perspectives in Global Health: Working with Survivors of Torture and Trauma”

Mathematics

Student: Immanuel Williams  
Mentor: Dr. Natalie Eddington  
10:15 - 10:30 a.m. UC 312  
“Pharmacokinetics of D3 Receptor Analogs: Potential Drug Therapy for Cocaine Addiction”

Student: Geoffrey Clapp  
Mentor: Dr. Kathleen Hoffman  
10:00 a.m. - 12:30 p.m.  
UC Ballroom  
“Modeling Sensory Input to the Lamprey Spinal Cord”

Student: Alison Ebaugh  
Mentor: Dr. Jonathan Bell  
10:00 a.m. - 12:30 p.m.  
UC Ballroom  
“A Biophysical Model of Synaptic Plasticity”

Student: Michael Reid  
Mentor: Dr. Matthias Gobbert  
12:30 - 3:00 p.m.  
UC Ballroom  
“Parallel Performance Studies for a Numerical Simulator of Atomic Layer Deposition”

Mechanical Engineering

Student: Jason VerHoef, Brian Steele, and Yakubu Wanka  
Mentor: Mr. Richard Wilson  
UC 201B 2:15 - 3:30 p.m.  
“Analysis of the South Korean Sampoong Department Store Collapse From An Engineering Ethics Prospective”
April 22, 2009

Master Roster of Presenters by Department

Student: Deanna Easley
Mentor: Dr. Timmie Topoleski
UC Ballroom
10:00 a.m. - 12:30 p.m.

“Investigation on the Creation of a More Efficient Wear Test Machine with Controlled Environments”

Student: Brandon Borde and Oluwatimilehin Fadiran
Mentor: Dr. Timmie Topoleski
UC Ballroom
12:30 - 3:00 p.m.

“Analysis of the Mechanical Behavior of Bovine Descending Aorta Under Various Conditions”

Modern Languages and Linguistics

Student: Valerie Lagrome
Mentor: Dr. Thomas Field
UC 312 2:45 - 3:00 p.m.

“Linguistic Norm Enforcement on the Internet: Chatspeak in Forum Communities”

Student: Holly-Catherine Britton
Mentor: Dr. Thomas Field
UC 312 3:00 - 3:15 p.m.

“Lexical Variations in Telling Clock Time: A Study of Age and Style Differences”

Student: Kristina Gaddy
Mentor: Ms. Susanne Sutton
UC 312 3:15 - 3:30 p.m.

“Creating National Identity and Memory: The German Historical Museum”

Music

Students: Jacob Jensen, Danielle Durbin, Kimberly Patrick, and Una Petrovic
Mentor: Dr. Anna Rubin
10:00 – 11:30 a.m. and 1:30 – 3:00 p.m.
Fine Arts Building Stairwell

“What's Inside a Rose?: A Presentation of Dada and Surrealist Inspired Art”

Student: Marcus Simmons
Mentor: Mr. David Smith
1:15 - 1:30 p.m. UC 312
Demonstration and Oral Presentation

“If You Can Talk, You Can Sing”
April 22, 2009

Master Roster of Presenters by Department
University Center 3rd Floor

Student: Danielle Durbin
Mentor: Dr. Lisa Cella
1:30 - 1:45 p.m. UC 312
Demonstration and Oral Presentation

Student: Barbara Scheffter
Mentor: Dr. Airi Yoshioka
12:30 - 3:00 p.m.
UC Ballroom
Poster Presentation

“Flute Lineage”

“Getting a Handel on Bells: Designing a Summer Music Camp that ‘Rings True’ with Music Education Theories”

Philosophy

Students: Bryan Clark and Harshavardhan Bambawale
Mentor: Mr. Richard Wilson
2:15 - 3:30 p.m. UC 201B
Panel Discussion

Students: Clayton Day, Jay Chung, and Thaha Shafi
Mentor: Mr. Richard Wilson
2:15 - 3:30 p.m. UC 201B
Panel Discussion

“Identity Theft”

“The Wall Street Shadow Market”

Physics

Student: Stephanie Ferrone
Mentor: Dr. Todd Pittman
UC 310 1:15 - 1:30 p.m.

Student: Joseph Dulny, III
Mentor: Dr. L. Michael Hayden
UC Ballroom
10:00 a.m. - 12:30 p.m.

Student: Aaron Pearlman
Mentor: Dr. Robin Corbet
UC Ballroom
10:00 a.m. - 12:30 p.m.

“Quantum Interference Effects with Multimode Fibers”

“Effects of a Dipolar Polymer Host Matrix on the Poling Efficiency of Guest Chromophores”

“A Model for Iron K Absorption in the Low-Mass X-ray Binary GX 13+1”

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Master Roster of Presenters by Department

Student: Ian Nolen
Mentor: Dr. Michael Hayden
UC Ballroom
12:30 - 3:00 p.m.

“Ellipsometric Measurements of the Electro-Optic Coefficient”

Political Science

Student: H. Saeed
Mentor: Dr. Jeffrey Davis
9:15 - 9:30 a.m.
UC 310

“Ending the Cycle of Violence: The Role of a Truth Commission”

Student: Sharanya Ravichandran
Mentor: Dr. Devin Hagerty
10:00 a.m. - 12:30 p.m.
UC Ballroom

“The Caste System and its Prevalence in Contemporary Indian Society”

Students: Priya Tiwari, Betty Irungu, Gillian Yeadon, and Katie Papagjika
Mentor: Dr. Tyson King-Meadows
12:30 - 3:00 p.m.
UC Ballroom

“Delegated to Represent? Exploring the Racial and Gender Differences in Delegate Demographics at the 2008 Democratic National Convention”

Psychology

Oral Presentations, UC 310

Student: Scott Murdock
Mentor: Dr. Charissa Cheah
10:30 - 10:45 a.m.

“Autonomy Development, Support, and Future Orientation in Adolescent Mothers”

Student: Sadaf Siddiqi and Elizabeth A. Fitzgerald
Mentor: Dr. Charissa Cheah
10:45 - 11:00 a.m.

“Dual Identity Formation Among Adolescent Mothers”

Student: Doha Chibani
Mentor: Dr. Diane Alonso
11:30 - 11:45 a.m.

“Effects of Apparent Ethnicity in an Individual's Name on Perceived Qualifications in the Professional Service Industry”

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Master Roster of Presenters by Department

Student: Tahira Mahdi
Mentor: Dr. Shawn Bediako
11:45 - 12:00 p.m.

“It’s Written All Over Your Face: Perceptions of Genetic Illnesses”

Student: Dhivya R. Pahwa
Mentor: Dr. Shawn Bediako
2:00 - 2:15 p.m.

“Categorical Person Perception in Sickle Cell Disease”

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

Student: Bridget Armstrong and Craig Whitten
Mentor: Dr. Lynnda Dahlquist
“Effects of Using Head Mounted Display Helmet for Virtual Reality Distraction on Cold Pressor Pain in College Students”

Student: Jessica M. Griffith
Mentor: Dr. Lynanne M. McGuire
“Sex Differences in Pain Responses: Do Men and Women Experience Pain Differently?”

Student: Alexandra Psihogios
Mentor: Dr. Lynnda Dahlquist
“The Effects of Age Differences in Preschool Children on Help-Seeking Behaviors During Easy and Difficult Puzzle Tasks”

Student: Elizabeth Silberholz
Mentor: Dr. Lynnda Dahlquist
“The Relation Between Pediatric Food Allergy Severity, Peer Interactions, and Report of Child Behavioral Problems”

Student: Rebecca Zia
Mentor: Dr. Charissa Cheah
10:00 a.m. - 12:30 p.m.

“Moderating and Mediating Factors in the Association Between Maternal Psychological Control and Child Aggression in Chinese Immigrants”

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

Student: Penina Backer
Mentor: Dr. Mariano Sto. Domingo
“The Effects of Educational Content and Gender on the Perception of Individuals with Schizophrenia”

Student: Elizabeth Lamontagne
Mentor: Dr. Lynanne McGuire
“Pain-Related Anxiety Correlates with Sensory Aspects of Pain”

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Master Roster of Presenters by Department

Social Work

Student: Rhonda Bavis
Mentor: Dr. Shelly Wiechelt
11:00 - 11:15 a.m. UC 310
“The Effects of Parental Substance Abuse on Children and Families”

Students: April Melton and Monica Talcott
Mentor: Dr. Laura Ting
11:15 - 11:30 a.m. UC 310
“Volunteerism in the Aging Population”

Student: Samantha Watts
Mentor: Dr. Tiffany Baffour
12:30 - 3:00 p.m.
“Examining the Barriers and Facilitators to Breastfeeding in Women Attending a Post-Secondary Educational Institution”

Visual Arts

Film Presentations, Fine Arts 221

Student: Glen Fortner
Mentor: Mr. Fred Worden
1:15 - 1:25 p.m.
“The Real World”

Student: Raychyl Segovia
Mentor: Mr. Fred Worden
1:25 - 1:35 p.m.
“Path to Perception”

Student: David Hernandez
Mentor: Mr. Fred Worden
1:35 - 1:50
“Just Beyond the Bridge”

Student: Brendan Huza
Mentor: Mr. Fred Worden
1:50 - 2:05 p.m.
“Aliens Love Cheerleaders”

Student: Matthew Szychowski
Mentor: Mr. Fred Worden
2:05 - 2:15 p.m.
“Escape from Ping Island”
And
“Cold Lady”
April 22, 2009

Master Roster of Presenters by Department

University Center 3rd Floor

Student: Megan Zlock
Mentor: Mr. Eric Dyer
2:20 - 2:30 p.m.

“Visual Symphony: Try to Believe”

Student: Agnes Asplund Leslie
Bristow
Mentor: Ms. Cathy Cook
2:30 - 2:40 p.m.

“Our Own World”

Student: Jonathan Widmer
Mentor: Mr. Fred Wordon
2:40 - 2:55 p.m.

“Movement”

Student: Jessica Hale
Mentor: Mr. Fred Worden
2:55 - 3:05

“Growth”

Student: Matthew J. Szychowski
Mentor: Mr. Fred Worden
3:05 - 3:25 p.m.

“Blue Duck”

Artistic Installations, Fine Arts First Floor Hallway Gallery

Student: Samantha Song
Mentor: Mr. Franc Nunoo-Quarcoo

“Child Brides, Stop Child Brides NOW!”

Student: Sarah Fry Jenna Ullrich
Mentor: Mr. Franc Nunoo-Quarcoo

“Female Genital Cutting”

Student: Belen Getahun
Mentor: Mr. Franc Nunoo-Quarcoo

“Gender Issues in Ethiopia”

Student: Jesse Vaughan and
Emma Rava
Mentor: Mr. Franc Nunoo-Quarcoo

“Rape”

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Master Roster of Presenters by Department
University Center 3rd Floor

Student: Terry Von Hagel
Mentor: Mr. Franc Nunoo-Quarcoo
“Same Sex Union Laws”

Student: Jesse Vaughan
Mentor: Ms. Lynn Cazabon
“In Bed”

Student: Sean Heavey and Adam Utapat
Mentor: Dr. Franc Nunoo-Quarcoos
“900,000: An Exploration of the International Human Trafficking Epidemic”
12:30 - 3:00 p.m.

Student: Alexandra Seley
Mentor: Ms. Lynn Cazabon
“Constructed Landscapes”
10:00 a.m. - 11:30 a.m.

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