

Poster Presentations

University Center Ballroom

10:00 A.M. – 12:30 P.M.

Dana Ansari	Psychology “Comparing Risk and Protective Factors for Smoking between White and other Adolescents” Professor Carlo DiClemente, Mentor	Poster # 49
Natalie Austin	Chemical, Biochemical, and Environmental Engineering “The Effects of Collagen 2D Substrates and 3D Matrices on Neuronal Precursor Cell Behavior” Professor Noshir Langrana, Mentor	Poster # 95
Chrysantus Bandon-Bibum II	Mechanical Engineering “Modeling Optical Stretching of a Malaria Infected Red Blood Cell” Professor Charles Eggleton, Mentor	Poster # 55
<i>Bartleby</i>: Laura Lefavor and Kayla Smith	English “Image Joins the Written Word: Artists Interpret <i>Bartleby</i> 2012” Professor Sally Shivnan, Mentor Professor Guenet Abraham, Mentor	Poster # 14
Pallavi Bhargava	Biochemistry and Molecular Biology “Inhibiting Matrix Targeting of the Gag Polyprotein towards the Plasma Membrane in HIV-1 Retrovirus Replication” Professor Michael Summers, Mentor	Poster # 82
Laura Blevins, Scott Forster, and Anastasia Sarioglou	Chemistry and Biochemistry “The UMBC Biodiesel Project: A Student Club for Exploring Alternative Fuels” Professor Stephen Mang, Mentor	Poster # 117
"Macy" Mysoon Bokhari	Political Science “Implications of the Arab Spring on Women's Rights” Professor Carolyn Forestiere, Mentor	Poster # 19
Kelin Brace	Biochemistry and Molecular Biology “Synthesis of Pyrrolopyrimidine Nucleosides Using Heck Methodology” Professor Katherine Seley-Radtke, Mentor	Poster # 21
Caroline Brunschwyler	Information Systems “Analysis Identifying the Challenges of Social Networking When Using Screen Readers” Professor Ravi Kuber, Mentor	Poster # 8

Poster Presentations

Mayukh Chakrabarti	Bioinformatics and Computational Biology “Determination of the Pharmacological Specificity of Sumanriole and its Analogs on Dopamine Receptor Subtypes” Dr. David Sibley, Mentor	Poster # 70
Brittany Cholakian and Jared Au Yeung	Psychology “The Games Children Play: Differences in Math Skills Fostered through Games” Professor Susan Sonnenschein, Mentor	Poster # 97
Mary Cole	Biological Sciences “Deletion of PKA Subunits Induces Novel Packing of Collagen Fibers and Regulates Mineralization in Bone Tumors” Dr. Edward Mertz, Mentor	Poster # 36
Juan Collazos	Economics “Digging Deeper: Sino-Sub-Saharan African Economic Relations” Professor Tim Gindling, Mentor	Poster # 50
Colleen Courtney and LaTonya Simon	Chemical, Biochemical, and Environmental Engineering “High Throughput Assay to Understand Gene Function Related to Cell Wall Development in <i>Aspergillus nidulans</i> ” Professor Mark Marten, Mentor	Poster # 34
Erica Dasi	Biological Sciences “Optimization of the Expression of Zebrafish PKR” Professor Rosemary Jagus, Mentor	Poster # 81
Teklu Dawit	Biological Sciences “Genetic Analysis of the Role of PHT4;6 in Regulating Innate Immunity of Arabidopsis” Professor Hua Lu, Mentor	Poster # 32
Payal Daya	Biological Sciences “Does Variation in Feeding Rate Influence Genetic Differences in Lifespan and Fecundity of <i>Drosophila</i> ?” Professor Jeff Leips, Mentor	Poster # 39
Sai Sachin Divakaruni	Biological Sciences “HIV-1 Diploid Genome Selection is Mediated By a Novel Dimerization-Dependent RNA Structural Switch Mechanism” Professor Michael Summers, Mentor	Poster # 88
Christopher Ecker	Biological Sciences “A Novel Mechanism of Resistance to Apoptosis in Immune Suppressive Cells in the Inflammatory Tumor Environment” Professor Suzanne Ostrand-Rosenberg, Mentor	Poster # 11

Poster Presentations

Chad Elkins	Bioinformatics and Computational Biology “CollecTF: A Database of Experimentally Verified Prokaryotic Transcription Factor Binding Sites” Professor Ivan Erill, Mentor	Poster # 68
Cristobal Fernandez	Psychology “Spiritual Music and its Relation to Personality” Professor Diane Alonso, Mentor	Poster # 120
Xuan Ge and David Stonko	Biological Sciences “Characterizing the Cellular Responses to a Molecular Gradient: a Mechanistic Mathematical Model” Professor Michelle Starz-Gaiano, Mentor Professor Bradford E. Peercy, Mentor	Poster # 90
Phillip Geter	Chemistry and Biochemistry “Synthesis of a Gemcitabine Functionalized Dendron for Improvement of Advanced Pancreatic Cancer Treatment” Professor Marie-Christine Daniel, Mentor	Poster # 112
Manroop Gill	Biological Sciences “Investigate Cell Fate Determination in Arabidopsis during <i>Erwinia amylovora</i> Infection” Professor Hua Lu, Mentor	Poster # 122
Daniel Graham	History “The Rising Tides: A Comparative Study of the North Sea Floods of 1953 and the Hurricane Katrina Disaster of 2005” Professor Terry Bouton, Mentor	Poster # 75
Courtney Green	Psychology “Adolescent Mothers' Parenting Perceptions and their Children's Negative Temperament” Professor Charissa Cheah, Mentor	Poster # 67
Seghen Haile	Biological Sciences “Genetic Manipulation of an Oyster Larvae Probiotic Bacterium to Study Host-Bacterial Interactions” Professor Harold Schreier, Mentor	Poster # 13
Irma Hashmi	Modern Language, Linguistics, and Intercultural Communication “Iqbal's Vision Realized: The Youth of the Arab Spring Take Action” Professor Phillip Seng, Mentor	Poster # 41
Joshua Hooks	Mechanical Engineering “A Heating and Cooling Technology Suitable for Pyroelectric Energy Generation” Professor Anthony Farquhar, Mentor	Poster # 83

Poster Presentations

Dalton Hughes	Chemical, Biochemical, and Environmental Engineering "Signaling Response of Neuronal Cells to 3D Tissue Scaffolds" Professor Jennie Leach, Mentor	Poster # 15
Shadab Hussain	Psychology "Ethnic Majority and Minority Emerging Adults' Well-being: The Roles of Beliefs and Parents" Professor Charissa Cheah, Mentor	Poster # 28
Janelle Ikard	Biochemistry and Molecular Biology "Determining Structural Requirements for Heme Stability in H-NOX Regulatory Domain of Soluble Guanylate Cyclase" Professor Elsa Garcin, Mentor	Poster # 43
Scott Johnson	Chemistry and Biochemistry "Understanding the Lipid Biosynthetic Pathway in <i>Chlamydomonas reinhardtii</i> with Deterministic Kinetic Modeling" Professor Ian Thorpe, Mentor	Poster # 92
Jasmine Jones, Chitra Gadwal, and Steven Hall	Information Systems "Visualizations for Self-Analysis of Performance for Older Adults" Professor Amy Hurst, Mentor	Poster # 106
Alpana Kaushiva	Health Administration and Policy "The Impact of Climate Change on Air Quality and Respiratory Disease: Maryland/DC Metropolitan Area" Professor Luis Pinet-Peralta, Mentor Dr. Shadrian Strong, Mentor	Poster # 3
Hamed Kharazi	Political Science "The Role of Historical and Rational Choice Institutionalism in Egypt's Current Political Phenomenon" Professor Carolyn Forestiere, Mentor	Poster # 30
Mary Li	Chemistry and Biochemistry "Development of New Methods for the Estimation of Dissociation Energies between Isoelectronic Pairs" Professor Joel Liebman, Mentor	Poster # 35
Morgan Madeira	Computer Science and Electrical Engineering "Analyzing Social Media Data" Professor Anupam Joshi, Mentor	Poster # 6
Carmen Matos	Chemical, Biochemical and Environmental Engineering "Fluorescent Glucose Biosensor from a Glucose Binding Protein" Professor Leah Tolosa, Mentor	Poster # 60

Poster Presentations

Rajashree Mishra	Bioinformatics and Computational Biology “A Text Mining Approach to Extract Protein-Protein Interactions of Orthologous Proteins from Literature” Professor Maricel Kann, Mentor	Poster # 72
Jamie Nguyen	Biochemistry and Molecular Biology “Design and Synthesis of Chlorin Arrays For Two-Photon Excited Fluorescence” Professor Marcin Ptaszek, Mentor	Poster # 17
Ribe Ninan	Biochemistry and Molecular Biology “Improved Measurement System for Experimental Wounds” Professor John Harmon, Mentor	Poster # 114
Joyce Ohiri	Biological Sciences “Characterizing the AC1-Exemestane Resistant Cell Line in Estrogen-Dependent Breast Cancer with Aromatase Inhibitors” Professor Angela Brodie, Mentor	Poster # 12
Ugonna Ohiri	Computer Science and Electrical Engineering “Standoff Chemical Detection Using Quantum Cascade Lasers and Microphone Arrays” Professor Fow-Sen Choa, Mentor	Poster # 48
Christina Parker	Chemistry and Biochemistry “Synthesis of a Transferrin Functionalized Dendron for Targeting Advanced Stages of Cancer” Professor Marie-Christine Daniel, Mentor	Poster # 66
Shyam Patel and Samantha M. Braatz	Psychology “The Relationship Between Maternal Perceived Illness Severity and Child's Peer Interactions” Professor Lynnda Dahlquist, Mentor	Poster # 73
Janell Payano Sosa	Biological Sciences “The Role of Solitary Chemosensory Cells in Limiting Access of Toxicants to the Vomeronasal Organ and Maintaining Sexual Behaviors” Professor Weihong Lin, Mentor	Poster # 110
Linh Pham	Computer Science and Electrical Engineering “Photon Excitations and Inhibitions of Cultured Neurons” Professor Fow-Sen Choa, Mentor	Poster # 62

Poster Presentations

Alec Pulianas	Information Systems “AccessMT: A Multi-touch Tabletop Built with Accessibility in Mind” Professor Shaun Kane, Mentor	Poster # 4
Matthew Rapp	Biochemistry and Molecular Biology “Opsin Adaptation to High Pressure in the Deep-sea Fish <i>Gonostoma elongatum</i> ” Professor Phyllis Robinson, Mentor	Poster # 108
Abigail Rein	Psychology “Changes in Spirituality, Optimism and Self-esteem among Participants in a Women-Centered Wellness Program” Professor Kenneth Maton, Mentor Magda Permut, Mentor	Poster # 46
Eric Reitz	Political Science “The Effects of International Law on Civilian Populations” Professor Jeffrey Davis, Mentor	Poster # 40
Rachel Robinson	Modern Languages, Linguistics, and Intercultural Communication “Introduction to a Language Acquisition Model” Professor German Westphal, Mentor	Poster # 23
Lara Seidman	Biological Sciences “Effect of Estrogen on Murine Model of Light Induced Retinal Degeneration” Dr. Mausumi Bandyopadhyay, Mentor Professor Baerbel Rohrer, Mentor	Poster # 58
Jinal Sheth	Biological Sciences “A Role for Prolyl-4-Hydroxylase Alpha in Cell Migration in <i>Drosophila melanogaster</i> ” Professor Michelle Starz-Gaiano, Mentor	Poster # 27
Patrice Starck	Biochemistry and Molecular Biology “Obtaining the Structure of the Monomeric Form of the 5'-UTR of HIV-1” Professor Michael Summers, Mentor	Poster # 64
Blossom Tewelde	Biochemistry and Molecular Biology “Effects of Prolonged Sweetener Exposure on Taste Receptor Expression and Satiety Hormone Release in STC-1 Cells” Professor Steven Munger, Mentor	Poster # 24
Robby Tietz	Chemical, Biochemical, and Environmental Engineering “Investigation of Poly(N-Isopropylmethacrylamide) Hydrogels” Professor Lisa Kelly, Mentor	Poster # 124

Poster Presentations

Dagmawi Tilahun	Chemical, Biochemical, and Environmental Engineering “Low Cost Incubator/Warmer/Cooler/Transporter Design for Neonates” Professor Govind Rao, Mentor	Poster # 47
Jared Utley	Psychology “The Impact of Mentoring on Baltimore City Girls' Academic Achievement” Professor Kenneth Maton, Mentor	Poster # 94
Ajay Vaghasia and Divya Patel	Biochemistry and Molecular Biology “Binding Studies of T4 Gene 32 Protein with dsDNA and a Sliding Model of Interaction” Professor Richard Karpel, Mentor	Poster # 98
Claudia Valenzuela	Biological Sciences “Detection of Attaching/Effacing <i>E. coli</i> in Human Tissue” Professor Michael Donnenberg, Mentor	Poster # 85
Daniel Veizaga-Udaeta	Biochemistry and Molecular Biology “Elevated IL-21 Expression in Serum and Peripheral Blood Mononuclear Cells from Lupus Patients” Professor Violeta Rus, Mentor	Poster # 86
UMBC Computer Game Development Club	Computer Science and Electrical Engineering “Experiences in Group Game Development” Professor Neal McDonald, Mentor	Poster # 1
Maria Vitery	Biochemistry and Molecular Biology “Two Cell Penetrating Peptides, Crotonamine and SNARE, and their Binding to DNA over Different Ionic Conditions” Professor Richard Karpel, Mentor	Poster # 77
Sharon Wall	Physics “Characterization of Femtosecond Pulses Using Interferometric Autocorrelation” Professor Michael Hayden, Mentor	Poster # 2
Brittany Wharton	Psychology “Investigating the Effects of Different Aspects of Couple Conflict” Professor Robin Barry, Mentor	Poster # 118
Isleen Wride	Biological Sciences “The Costly Tradeoff between Immune Response and Enhanced Lifespan in <i>Drosophila melanogaster</i> ” Professor Jeffery Leips, Mentor	Poster # 103
Rachel Youngmans	Geography and Environmental Systems “Where Matters: Geography and the Internet” Professor Fred Worden, Mentor	Poster # 45

Poster Presentations

Ye Sol Yun	Biological Sciences “Annotation of Mutations using Crowdsourcing Extractor of MUtations (CEMU)” Professor Maricel G Kann, Mentor	Poster # 74
Julia Zeroth and Manroop Singh	Psychology “Auditory Background Noise and the Efficacy of Virtual Reality Distraction on Pain Tolerance in College Students” Professor Lynnda Dahlquist, Mentor	Poster # 51
Weipeng Zhuo	Chemical, Biochemical, and Environmental Engineering “Difference in Key Neuronal Adhesion Protein Expression under Two- Versus Three- Dimensional Environment” Professor Jennie Leach, Mentor	Poster # 107

University Center Ballroom

12:30 – 3:00 P.M.

Aleeza Abbasi	Biological Sciences “Genetic Analysis of Translational Accuracy using the Dual Luciferase Reporter System in <i>E. coli</i> and HeLa Cells” Professor Philip Farabaugh, Mentor	Poster # 42
Danielle Adekunle	Biological Sciences “IL-1Beta Induced Inflammation and MYC Oncogene Activation: A New Model for Colon Carcinogenesis” Professor Charles Bieberich, Mentor	Poster # 101
Kyle Althoff	Information Systems “Improving Augmented and Alternative Communication (AAC) Software via Context- Aware Computing” Professor Shaun Kane, Mentor	Poster # 7
Chinwendu Amazu and Kwadwo Owusu-Boaitey	Biochemistry and Molecular Biology “Using the BRCA1 Mutant Mouse Model to Understand How Changes in Mammary Adipose Can Promote Tumor Growth” Professor Laundette Jones, Mentor	Poster # 99
Alexander Ballard	Biological Sciences “Combining Oncogene Activation and Tumor Suppressor Loss: A New Model for Prostate Carcinogenesis” Professor Charles Bieberich, Mentor	Poster # 96
Bartleby: Laura Lefavor and Kayla Smith	English “Image Joins the Written Word: Artists Interpret <i>Bartleby</i> 2012” Professor Sally Shivnan, Mentor Professor Guenet Abraham, Mentor	Poster # 14

Poster Presentations

Nayaba Bawa	Political Science “Investigating Human Rights Abuses of Children: Regimes and the Application of Law” Professor Cynthia Hody, Mentor	Poster # 115
Niambi Brewer	Biological Sciences “Role of Collective Cell Migration in <i>Drosophila</i> ” Professor Michelle Starz-Gaiano, Mentor	Poster # 76
Alexis Brown	Marine Biotechnology “Inducers of Tropodithietic Acid Production in <i>Silicibacter</i> sp. TM1040” Professor Robert Belas, Mentor	Poster # 69
Tania Chatterjee	Biological Sciences “TIMP-2 Overexpression Alters the Transcriptional Profile of Human Adenocarcinoma A549 Cells” Dr. William Stetler-Stevenson, Mentor	Poster # 63
John Chavis	Biochemistry and Molecular Biology “Determining the Effect of Dithiolethione Compounds on the Activity of Human Glyceraldehyde-3-Phosphate Dehydrogenase” Professor Elsa Garcin, Mentor	Poster #61
Elisia Clark	Biological Sciences “Targeting Bone Metastasis in Hi-Myc Mouse Model to Recapitulate Human Prostate Cancer” Professor Charles Bieberich, Mentor	Poster # 109
Rebecca Couch	Political Science “The Expression of Aristotelian Theory in Tolkien's Writings” Professor Lisa Vetter, Mentor	Poster # 113
Sonia Dalal	Biological Sciences “Production of Soluble Costimulatory Molecule CD80 to Determine the Mechanism CD80 Uses to Restore T-Cell Activation” Professor Suzanne Ostrand-Rosenberg, Mentor	Poster # 53
Korine Duval	Mechanical Engineering “The Effect of Needle Gauge on Ferrofluid Nanoparticle Concentration Patterns in Agarose Gels” Professor Liang Zhu, Mentor	Poster # 10
Veer Gariwala	Bioinformatics and Computational Biology “Creating a Semi-Automatic Pipeline to Incorporate New Species Data into Mirrortree Database” Professor Maricel Kann, Mentor	Poster # 65

Poster Presentations

Nikodimos Gebreselassie	Chemical, Biochemical, and Environmental Engineering “Modeling Oxygen Concentration Profile within a Biofilm Layer” Professor Julia Ross, Mentor	Poster # 104
Hamsa Gowda	Chemical, Biochemical, and Environmental Engineering “Dual Fluorescent Glutamine Sensor Based on Glutamine Binding Protein” Professor Leah Tolosa, Mentor Professor Hung Lam, Mentor Professor Yordan Kostov, Mentor	Poster # 52
Sarah Grimes and Kelly Jeon	Psychology “The Role of Relationship Quality and Paternal Involvement in Adolescent Parenting” Professor Charissa Cheah, Mentor	Poster # 33
Tehmeena Hassan	Psychology “Does Employment Status Influence Partner-Violent Men’s Response to Counseling?” Professor Christopher Murphy, Mentor	Poster # 26
Shadab Hussain	Psychology “The Role of Religious Involvement on Parenting Styles of Korean and Chinese Immigrant Mothers” Professor Charissa Cheah, Mentor	Poster # 29
Aymen Hussein	Biological Sciences “Song Characteristics of the Critically Endangered Florida Grasshopper Sparrow (<i>Ammodramus savannarum floridanus</i>)” Professor Bernard Lohr, Mentor	Poster # 102
Sheriff Jolaoso	Computer Science and Electrical Engineering “Spatial and Temporal Analysis of Brain Electrical Activity Mapping” Professor Fow-Sen Choa, Mentor Professor Elliot Hong, Mentor	Poster # 80
Ki Jung, Oliver Muellerklein, and Angela Trenkle	Biological Sciences “Song Patterning, Organization, and Output in the Grasshopper Sparrow (<i>Ammodramus savannarum</i>)” Professor Bernard Lohr, Mentor	Poster # 78
Maithri Kondapaka	Biological Sciences “The Effect of Erythromycin on Ribosomal Pausing and Activity” Professor Janice Zengel, Mentor	Poster # 54

Poster Presentations

Alex MacDonald	Computer Science and Electrical Engineering “Using Sample Distributions to Accurately Calibrate Model Confidence” Professor Marie desJardins, Mentor	Poster # 116
Lisa Macfarlane	History “We Hold a Banner for a Sword till All Oppression Ceases: The Activism of Lucy Burns and Alice Paul” Professor Michelle Scott, Mentor	Poster # 38
Adam Mayer	Chemistry and Biochemistry “The Development of Optimized SERS Nanosensors for Intracellular Analyses” Professor Brian Cullum, Mentor	Poster # 25
Margaret Mburu	Biological Sciences “The Role of Syndecan in Lifespan of <i>Drosophila melanogaster</i> ” Professor Jeff Leips, Mentor	Poster # 87
Saloni Mehta	Biological Sciences “qPCR Analysis of G-Protein Beta and Gamma Subunits in the Main Olfactory Epithelium of Mice” Professor Weihong Lin, Mentor	Poster # 105
Jacquelyn Meisel and Kimberly Daniels	Biological Sciences “A Mathematical Model of the Inactivation of Melanopsin” Professor Kathleen Hoffman, Mentor Professor Phyllis Robinson, Mentor	Poster # 57
Kenneth Miner, Mallorie Ortega, and Lorenzo Lalimarmo	Computer Science and Electrical Engineering “Evolving User Interaction Paradigms in Games and Storytelling” Professor Neal McDonald, Mentor	Poster #5
Chatura Nagaradona	Biological Sciences “Translational Misreading in rbfA Compensatory Mutants” Professor Philip Farabaugh, Mentor	Poster # 31
Oseogie Okojie	Biological Sciences “Characterization of the Role of the L4 Tentacle in the Process of Translation” Professor Janice Zengel, Mentor	Poster # 79
Chikezie Okoro	Chemistry and Biochemistry “Reverse Carbocyclic Fleximers as a Means of Overcoming Drug Resistance” Professor Katherine Seley-Radtke, Mentor	Poster # 20

Poster Presentations

Uchenna Okoro	Chemistry and Biochemistry “Flexible Carbocyclic Nucleosides as Antiviral Agents” Professor Katherine Seley-Radtke, Mentor	Poster # 18
Royce Onyimba	Chemical, Biochemical, and Environmental Engineering “Antimicrobial, Non-Contact, Fluorescence-Based Temperature Sensor for Newborns” Professor Hung Lam, Mentor	Poster # 16
Belita Opene	Chemistry and Biochemistry “Peptide Modification of 3D Surfaces to Enhance Cell Adhesion and Differentiation” Professor Ellen Gawalt, Mentor Professor Kacey Marra, Mentor Dr. Peter Rubin, Mentor	Poster # 59
Talmo Pereira	Aging Studies “Project 2061: Design for the Future of Aging” Professor Judah Ronch, Mentor Professor Amy Hurst, Mentor Professor Elizabeth Lunt, Mentor Professor Catherine Neylan, Mentor Professor Timmie Topoleski, Mentor	Poster # 125
Mercedes Randall	Psychology “Effects of Meditation on Memory, Learning, and Stress among College Students” Professor Shawn Bediako, Mentor	Poster # 22
Lena Salins	Theatre “Presentation of Stage Management Portfolio at the Kennedy Center American College Theatre Festival” Professor Alan Kreizenbeck, Mentor	Poster # 100
Reema Sharma	Biochemistry and Molecular Biology “Phosphorylation of RPS7A Protein: Impact on Ribosomal Structure and Function” Professor Lasse Lindahl, Mentor	Poster # 71
Hannah Skolnick	Visual and Performing Arts “A Digital Renaissance Experience” Professor Bodil Ottesen, Mentor	Poster # 47
David Sweigart	Physics “Field Assisted Charge Dynamics in P3HT and P3HT/PCBM” Professor Michael Hayden, Mentor	Poster # 121
James Taylor	Chemistry and Biochemistry “Monitoring Mixed Self-Assembled Monolayer Formation on Micro- and Nano-Electrodes for Electrochemical DNA-Based Sensors” Professor Ryan White, Mentor	Poster # 93

Poster Presentations

UMBC Computer Game Development Club	Computer Science and Electrical Engineering “Experiences in Group Game Development” Professor Neal McDonald, Mentor	Poster # 1
Laura Viar	Psychology “The Effects of Anger and Happiness on Preschoolers' Compliance to Peer Requests” Professor David Schultz, Mentor	Poster #123
Robert D. Wardlow II	Biochemistry and Molecular Biology “Mesenchymal Stem Cells Provide Protection of Cardiac Ventricular Myocytes by Paracrine Mechanism” Professor Terry Rogers, Mentor	Poster # 84
Kelsey Weaver	Geography and Environmental Systems “Stormflow Response to Precipitation in Urban and Forested Baltimore Watersheds” Ms. Aditi Bhaskar, Mentor	Poster # 44
Matt Wheeler	Information Systems “Determining the Efficacy of a Gestural Interaction Device for Communication” Professor Ravi Kuber, Mentor	Poster # 9
Breanne Wright	Biochemistry and Molecular Biology “Anti-phase Expression of the BK Channel (Kcnma1) Alters Circadian Locomotor Activity in Mice” Professor Andrea Meredith, Mentor	Poster # 56
Christopher Yankaskas	Chemical, Biochemical, and Environmental Engineering “Determining Growth and Branching Rates of Autophagy Mutants in <i>Aspergillus nidulans</i> ” Professor Mark Marten, Mentor	Poster # 89
Kojo Yeboa	Biochemistry and Molecular Biology “Chemical Imaging Using Surface-Enhanced Raman Scattering Nano-imaging Gold Probes” Professor Brian Cullum, Mentor	Poster # 37
Brandon Young	Biological Sciences “The Functional Analyses of a Mutated Tentacle within the L4 Protein” Professor Janice Zengel, Mentor	Poster # 91
Qianlan Zhang	Psychology “Understanding Parental Control in the Chinese Context” Professor Charissa Cheah, Mentor	Poster # 119