

<b>Name/Program</b>	<b>Poster Title/Mentor/Department</b>	<b>Institution/Major</b>	<b>Poster</b>
<b>Yoftahe Abebe</b> Independent Research	Dissecting APOBEC3G protein interactions Reuben Harris / BMBB	University of Minnesota- Twin Cities Biochemistry	7
<b>Jonathan Brestoff</b> Molecular Biology	Regulation of Epithelial-FABP expression by Nrf2 David Bernlohr / BMBB	Skidmore College Chemistry / Exercise Science	8
<b>Alissa Carrow</b> Molecular Biology	Chemical Methods for the Detection of Carcinogen DNA Adducts: Progress Toward the Synthesis of Benzo-[a]pyrene-modified Oligonucleotides Shana Sturla / Medicinal Chemistry	College of St. Benedict's Biochemistry	9
<b>Theresa Dorsey</b> Molecular Biology	Rapamycin enhances IGF-I mediated activation of the AKT pathway in MCF-7 breast cancer cells Douglas Yee / Medicine	Wilberforce University Biology	10
<b>Noelle Ekwochi</b> Neuroscience	The Role of Kainate Receptors in the Off Response of the Salamander Retina Robert Miller / Chemistry	College of St. Scholastica Biochemistry	24
<b>Odalys Gonzalez-Rodriguez</b> Neuroscience	Safety and Efficacy Testing of a Novel Patient Warming System Paul Iaizzo / Anesthesiology	Univ. of Puerto Rico- Mayaguez Biology	25
<b>Jessica Hanson</b> Ecology & the Environment	The Effect of Food Delivery Rates on Choice Latency David Stephens / Ecology, Evolution and Behavior	Clemson University Biological Sciences	1
<b>Katherine Hicks</b> Neuroscience	A Study in Human Psychophysics: Bayesian Inference and Learning During Visual Discrimination Tasks Geoff Ghose / Neuroscience	Clemson University Biosystems Engineering	26
<b>Esther (Nicole) Hunt</b> Ecology & the Environment	Quantifying the expression of pathogenesis-related genes in the model legume <i>Medicago truncatula</i> Deborah Samac / Plant Pathology	Fort Valley State University Plant Science / Biotechnology	2
<b>Josephine Iacarella</b> Ecology & the Environment	Are microbial fitness and competition enhanced by antibiotic production? Linda Kinkel / Plant Pathology	University of Wisconsin- Madison Biology	3
<b>Lei Ke</b> Molecular Biology	The Effect of DAPT Treatment and Sppl2b Morpholino Knockdown on Somitogenesis in Zebrafish ( <i>Danio rerio</i> ) Stephen Ekker / Genetics, Cell Biology and Development	Edinboro University of Pennsylvania Pre-Medical Studies	11
<b>Maxwell Leither</b> Molecular Biology	Mapping Fructose-2,6-Bisphosphate Induced Signaling Alex Lange / BMBB	Gustavus Adolphus College Biology / Chemistry	12
<b>Lauren Lewis</b> Molecular Biology	The Role of ADAP Tyrosine Phosphorylation in T-cell/APC Conjugate Formation Yoji Shimizu / Laboratory Medicine and Pathology	University of Missouri- Columbia Biological Sciences	13
<b>Ikenna Madueke</b> Molecular Biology	Characterization of eIF4E-Binding Protein 1 and 2 Knock-Out Mouse Embryo Fibroblasts Peter Bitterman / Medicine	Chicago State University Biological Sciences	14
<b>Ian-James Malm</b> Molecular Biology	Subcloning and Evaluating Functionality of Estrogen and Androgen Responsive Positive Controls Michel Sanders / BMBB	Macalester College Biology	15

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<b>Miguel Ortiz-Bonilla</b> Neuroscience	Estradiol Phosphorylation of cAMP Response Element-Binding Protein in Striatal Neurons Paul Mermelstein / Neuroscience	Univ. of Puerto Rico-Cayey Biology	27
<b>Matt Peoples</b> Neuroscience	Prenatal Influenza Infection and Current Molecular Theories of Schizophrenia: A Putative Mouse Model Hossein Fatemi / Neuroscience	Earlham College Biochemistry	28
<b>Gabriela Quinones-Torres</b> Neuroscience	Gender differences in mouse response to acute and chronic stress in the FST LiLian Yuan / Neuroscience	Univ. of Puerto Rico-Rio Piedres Biology	29
<b>Daliris Ramirez-Burgos</b> Ecology & the Environment	Viability of the Native Macrophyte Seedbank in Eurasian Watermilfoil Infested and Uninfested Sediments. Ray Newman / Fisheries and Wildlife	Univ. of Puerto Rico-Rio Piedres Biology	4
<b>Trey Robinson</b> Neuroscience	Uncoupling Protein 3 mRNA in Selectively-Bred Obesity Prone and Resistant Rats Catherine Kotz / Food Science and Nutrition	Baylor University Biochemistry	30
<b>Somaris Roman-Segarra</b> Molecular Biology	Identify the Signaling Components in the Signal Transduction Pathway Min Ni / Plant Biology	Univ. of Puerto Rico-Arecibo Biology	16
<b>Julia Rood</b> Molecular Biology	Lysine to Alanine Mutations in Runx2 Increase its Transcriptional Activity and Convey p300 Independence Jennifer Westendorf / Orthopedic Surgery	St. Olaf College Biology / Mathematics	17
<b>Akeno Sadler</b> Ecology & the Environment	Do rhizosphere microbial communities differ in pathogen inhibitory activity among prairie plants? Linda Kinkel / Plant Pathology	Fort Valley State University Plant Science / Biotechnology	5
<b>Noelia Salaberrios-Vidro</b> Molecular Biology	The effect of infections by <i>Pseudomonas syringae</i> pv tomato when <i>Arabidopsis thaliana</i> is inoculated through the roots Jane Glazebrook / Plant Biology	Univ. of Puerto Rico-Arecibo Biology	18
<b>Fubuh Shitibonjuh</b> Molecular Biology	Analysis of Aromatase and Estrogen receptor mRNA expression in the spinal cord of mouse models of Inflammatory, Cancer and Multiple Sclerosis Alvin Beitz / Veterinary and Biomedical Sciences	Fort Valley State University Biology	19
<b>Wilfredo Soto-Fuentes</b> Molecular Biology	Analysis Gene Expression in the Glands of <i>Cannabis sativa</i> David Marks / Plant Biology	Univ. of Puerto Rico-Cayey Biology	20
<b>Jeffrey Stott</b> Neuroscience	Perturbation of Nocturnal Neural Activity and its Effect on Singing Behavior in the Zebra Finch Teresa Nick / Neuroscience	St. John's College-New Mexico Liberal Arts	31
<b>Luis Suarez-Rodriguez</b> Molecular Biology	The Effect of Brief Tetanic stimulation on Opioid-induced preconditioned Skeletal Muscle Paul Iazzo / Anesthesiology	Univ. of Puerto Rico-Cayey Natural Science	21
<b>Norbert Tavares</b> Molecular Biology	Diversity in Motility Among <i>E. coli</i> Strains Isolated from Various Animal Hosts and the Environment Michael Sadowsky / Soil, Water and Climate	Southern Connecticut State University Biology	22

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<b>Ashley Triplett</b> Molecular Biology	Identification of Antibiotic Resistance Genes in Citrobacter and Escherichia Jeffrey Gralnick / Microbiology, Biotechnology Institute	Tennessee State University Biology	23
<b>Elizabeth Tuck</b> Neuroscience	Effects of Disrupting Cytoskeletal Dynamics on Neurite Outgrowth and Morphology in Murine Embryonic Cortical Cultures Lorene Lanier / Neuroscience	Hanover College Biology / Psychology	32
<b>Jordan Wein</b> Ecology & the Environment	Tendencies of Impulsiveness in Foraging Behavior: The Value of an Extra Delivery and Its Magnitude David Stephens / Ecology, Evolution and Behavior	North Dakota State University Zoology	6
<b>Michael Wells</b> Neuroscience	Morphine activation of phospholipase C in dorsal root ganglion neurons Virginia Seybold / Neuroscience	University of Notre Dame Biological Sciences / Psychology	33
<b>Andy Wikenheiser</b> Neuroscience	Elucidating The Role Of HSC70 In SCA1 Pathogenesis Harry Orr / Laboratory Medicine and Pathology	University of Mary Biology	34
<b>David Zacharias</b> Neuroscience	Altered Circadian Rhythms in Neuronal Subpopulations of Hypothalamic Nuclei Reflect Stress Responses During Dietary Restriction William Engeland / Surgery	Trinity International Pre-Medical Biology / Pre- Medical Chemistry	35