Research Day 2013 Awards

Awards – Undergraduate Student

Bio & Biomedical
The Integrity of the Hippocampus in SIV-Infected Infant Primates
Kimberly Curtis
College of Arts and Sciences, Biology
Poster Presentation

Impact of Prenatal Nicotine on Synaptic Plasticity in the Developing Rat Prefrontal Cortex
Rodneysha Brown
College of Arts and Sciences, Biology
Oral Presentation

Education & Outreach
Predictors of Weapon Carrying Among District of Columbia Youth Ages 14-18 Years
Ashley Clark
College of Arts and Sciences, Health Human Performance and Leisure Studies
Oral Presentation

Health Sciences
The Nutritional Care Process of the metabolic syndrome within the African American Population
Shaunice Wall
College of Nursing and Allied Health Sciences, Nutritional Sciences
Poster Presentation

The Provision of Health Education to Patients With Diabetes: Are Clinicians Doing Their Job?
Diamond D. Hanson
College of Arts and Sciences, Health Human Performance and Leisure Studies
Oral Presentation

Humanities & Social Sciences
Sasha Hunte
School of Communications, Radio, TV and Film
Poster Presentation
Black Aesthetics, Mass Media Messaging, and its Effect on Academic Achievement in African-American Youth
Sheneese Thompson
College of Arts and Sciences, Afro American Studies
Oral Presentation

Physical Science & Engineering
Graphs of Triangulated n-gons: Connectivity and Diameter Bounds
Kerisha Burke
College of Arts and Sciences, Mathematics
Poster Presentation

Biodiesel from Algae Oil
Nadjitade Aristide Badje
College of Engineering, Architecture and Computer Sciences, Chemical Engineering
Oral Presentation

Awards – Professional Student

Bio & Biomedical
Glycosylceramide Expression in the miR-200b and miR-429 Transfected Cisplatin Resistant Cancer Cell Lines
Kevin Vakani
College of Dentistry
Poster Presentation

Neurturin Improves Neuronal Survival After Irradiation of Mouse Submandibular Glands
David V. Abdelmalak
College of Dentistry
Oral Presentation

Computation & Bio-Modeling
Ligand and Decoy Sets for Drug Discovery to Human Sirtuins Enzyme
Piere Ndje
College of Pharmacy
Poster Presentation

Education & Outreach
Pharmacy Students’ Attitudes and Beliefs Toward the Use of ExamSoft® as the Primary Assessment Tool in an Integrated Therapeutics Course
Mark Wadley
College of Pharmacy
Poster Presentation
Health Sciences
Surgical Management of Esophageal Diverticulum: A Review of the Nationwide Inpatient Database
Michael Onwugbufor
College of Medicine
Poster Presentation

Characterizing Lobular Carcinoma of the Male Breast using the SEER Database
Ambria Moten
College of Medicine
Oral Presentation

Humanities & Social Sciences
The Convergence Crisis
Joanna Jenkins
School Of Communications, Mass Communications And Media Studies
Poster Presentation

Minorities and Homelessness in the United States and Europe
Carmen Radu
School of Social Work, Community, Administration, and Policy Practice
Oral Presentation

Translational & Clinical
Generation of Human HDACs Specific Benchmarking Datasets to Assist Ligand-Based and Structure-Based Drug Discovery
Napoleon Manian
College of Pharmacy
Poster Presentation

Awards – Graduate Student

Bio & Biomedical
Antidepressant-like Effects of AMPA and Ketamine Combination is Associated with an Increase in Hippocampal BDNF
Luli Akinfiresoye
Graduate School, Pharmacology
Poster Presentation

Micro-RNA-128 Mediates Head and Neck Squamous Cell Carcinoma (HNSCC) Proliferation in vitro and in vivo
Belinda Hauser
Graduate School, Genetics and Human Genetics
Oral Presentation
Computation & Bio-Modeling
A Graph Approach to Bridge the Gaps in Volumetric Electron Cryo- Microscopy Skeletons
Kamal Al Nasr
College of Engineering, Architecture and Computer Sciences, Systems and Computer Science
Poster Presentation

Computation & Modeling (Non-Bio)
Severe Non-Severe and Asymptomatic Malaria Cases among Pregnant Women in Nigeria
Moussa Doumbia
College of Arts and Science, Mathematics
Oral Presentation

Education & Outreach
Our Students Voices: The Value of Teacher-Student Relationship Quality & Social Support on the Persistence of African American Male STEM Majors
Lamar White
Graduate School
Poster Presentation

Health Sciences
pH-Responsive Polymeric Nanoparticles Fabricated By Dispersion Polymerization As A Platform For The Delivery Of Anticancer Drugs
Reema Puri
College of Pharmacy, Pharmaceutical Sciences
Poster Presentation

Nicotine Mitigates Depressogenic Effects of Alcohol in Wistar Rats
Olubukola Kalejaiye
College of Medicine, Pharmacology
Oral Presentation

Humanities & Social Sciences
Protective Action and Evacuation Responses During Hurricane Katrina: A Gendered Analysis Using the Protective Action Decision Model
Michelle Dovil
Graduate School, Sociology and Anthropology
Poster Presentation

An Exploratory Study of Latin American Public Relations Literature: A Textual Analysis of Latin American Scholarship Published in Spanish
Tiphane P. Turpin
Graduate School, Mass Communication and Media Studies
Oral Presentation
Physical Science & Engineering

Heteroepitaxial Growth of Diamond on 6H and 3C Silicon Carbide Substrates for Device Applications
Bokani Mtengi
College of Engineering, Architecture and Computer Sciences, Electrical Engineering
Poster Presentation

*A Physicochemical Investigation of the Localized Surface Plasmon Resonance of Silver Nanoparticles
Felicia A. McClary
Graduate School, Chemistry
Oral Presentation

*Studies of Catalysis of Hydrolysis by Zinc II Complexes
Ugochukwu OkKeke
Graduate School, Chemistry
Oral Presentation

Translational & Clinical

The Quest of CXCR4/CCR2 Dual-targeted Fusion Inhibitors by Structure-based Drug Design
Jie Xia
College of Pharmacy, Pharmaceutical Sciences
Poster Presentation

Novel Structure-based Approaches toward Highly Selective HDAC2 Inhibitors to Treat Alzheimer's Disease
Terry-Elinor Reid
College of Pharmacy, Pharmaceutical Sciences
Oral Presentation

Awards – Post-Doc/Resident

Bio & Biomedical

Phosphorylation of HIV-1 Tat on Ser46 Increases its Ubiquitination and Binding to TAR RNA and Upregulates HIV-1 Transcription
Andrey Ivanov
College of Medicine, Center for Sickle Cell Disease
Poster Presentation

Education & Outreach

Preparing STEM Students for Success: The Global Education, Awareness, and Research Undergraduate Program
Jennifer O. Burrell
Health Sciences

Clinical Vignette: Intercostal Lung Herniation after Surgical Lung Biopsy
Amruta Muley
College of Medicine, Internal Medicine
Poster Presentation

A Review of Autopsy Findings in Sickle Cell Disease at Howard University Hospital
Mariette Asare
College of Medicine, Pathology
Oral Presentation

Translational & Clinical

Acute Respiratory Failure can Unmask Undiagnosed Myasthenia Gravis
Rachel Jeanty
College of Medicine, Internal Medicine
Poster Presentation

Awards – Faculty

Bio & Biomedical

Resveratrol Supplementation Shows Potential for Neuroprotective Effects in Cortical Brain Tissue of Rhesus Macaques
Joanne S. Allard
College of Medicine, Physiology & Biophysics
Poster Presentation

New Dinosaurs from the Early Jurassic Hanson Formation of Antarctica, and Patterns of Diversity and Biogeography in Early Jurassic Sauropodomorphs
Nathan Smith
College of Arts and Sciences, Biology
Oral Presentation

Business

Not So Fast: One Size Does Not Fit All! Exploring the Relationship between Socio-economic Status and Emotional Intelligence amongst African-Americans
Rayshad A. Holmes
School of Business, Management
Oral Presentation
Education & Outreach

Use of Propensity Score Matching to Improve Covariate Information to a Scalar Value
Garnett Henley
College of Dentistry, Assessments
*Poster Presentation*

Health Sciences

Discovery of Drug Efflux Transporters on Cornea – Molecular, Functional Screening and Drug-HPLC Method Validation
Pradeep Karla
College of Pharmacy, Pharmaceutical Sciences
*Poster Presentation*

Microbiomic Analysis of Colon Cancer Tumors and their Matched Normal Reveals Distinct Gut Floras
Hassan Brim
College of Medicine, Pathology
*Oral Presentation*

Humanities & Social Sciences

A Study of Knowledge, Awareness, Practice and Recommendations among Minority Kindergarten to Second Grade Students in Baltimore on Eating from All Five Food Groups using the New MyPlate
Nkechi M. Enwerem
College of Nursing and Allied Health Sciences, Nursing
*Poster Presentation*

The African Diaspora in Western Europe: (Re) searching African Socio-Political Identity Formation in Literary Writings from Spain
Annette Ivory Dunzo
College of Arts and Science
*Oral Presentation*

Physical Science & Engineering

What is Nano about the Raspberry Pi $35 computer?
Gary Harris
College of Engineering, Architecture and Computer Sciences, Electrical Engineering
*Oral Presentation*