

**Congratulations to all 2013 winners!**

# **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*

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**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*

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**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**

**Rap & Hip-Hop and Transformation and Social Change: The Global Impact of Art in Social Media**

Sasha Hunte

School of Communications, Radio, TV and Film

*Poster Presentation*

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**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*

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## **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*

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### **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*

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**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*

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## **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*

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#### **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**

Geremew Benga

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*

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**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*

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**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*

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**\*A Physicochemical Investigation of the Localized Surface Plasmon Resonance of Silver Nanoparticles**

Felicia A. McClary

Graduate School, Chemistry

*Oral Presentation*

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**\*Studies of Catalysis of Hydrolysis by Zinc II Complexes**

Ugochukwu OKeke

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*

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**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

College of Engineering, Architecture, and Computer Sciences, Civil Engineering

*Poster Presentation*

## Health Sciences

**Clinical Vignette: Intercostal Lung Herniation after Surgical Lung Biopsy**

Amruta Muley

College of Medicine, Internal Medicine

*Poster Presentation*

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**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*

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**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*

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**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*

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**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*

\* One or more ties in the category resulted in multiple awards for this category