#### **Research Symposium 2017 Winners**

#### **Overall Winners**

Alleviating City's Environmental Impacts and Revitalizing Its Urban Fabric Through Green Roofs – A Case Study In Ho Chi Minh, Vietnam

Huy Bui Undergraduate Student Poster Presentation Creative Arts & Design

Lyme: An Insidious Disease

Dymond Burnette
Undergraduate Student
Poster Presentation
Biological & Biomedical Sciences

## Disincentivized and Demobilized: An Olsonian interpretation of the 2013 Shahbag Movement

Anupam Roy Undergraduate Student Poster Presentation Social Sciences

## **Graphene-based Tunable Terahertz Metasurfaces**

Erin Strickland Undergraduate Student Poster Presentation Physical Sciences & Engineering

## The missing landscape of human genomic diversity in the Arabian Peninsula

Njlaa Bakhsh Graduate Student Poster Presentation Biological & Biomedical Sciences

# Metabotropic glutamate receptors and GABA receptors regulate firing properties in mitral cells of the mouse main olfactory bulb

Eugene Park Professional Student Poster Presentation **Biological & Biomedical Sciences** 

#### Effect on Oligosaccharide Grafing on the Polyelectrolyte and Protonation Dynamics of Polyethylenimine

Saswati Basu
Post Doc/Resident/Fellow/Research Associate
Poster Presentation
Biological & Biomedical Sciences

# The impact of the US Preventive Task Force recommendations against prostate screening on utilization of the Howard University Cancer Center's "Men Take Ten" prostate cancer screening program

Clinton Burnside
Staff
Poster Presentation
Education & Outreach

## Color, Caste, and the Public Sphere: A study of black journalists who joined television networks from 1994-2014

Indira Somani
Junior Faculty/ Lecturer/ Instructor
Oral Presentation
Social Sciences

## Reversible Firing Pattern Transformation in Central Olfactory Neurons

Thomas Heinbockel
Senior Faculty
Oral Presentation
Biological & Biomedical Sciences

#### Why Cancer Prevention and Early Detection Must be Priority

Bernard Kwabi-addo Senior Faculty Oral Presentation Education & Outreach

# Biological & Biomedical Sciences

Lyme: An Insidious Disease

Dymond Burnette Undergraduate Student Poster Presentation

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# Metabotropic glutamate receptors and GABA receptors regulate firing properties in mitral cells of the mouse main olfactory bulb

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Saswati Basu Post Doc/Resident/Fellow/Research Associate Poster Presentation

## Specific Interaction of Amphiphiles with Sodium Channels

Ze-jun Wang Junior Faculty/ Lecturer/ Instructor Poster Presentation

### Sex differences in fear conditioning following footshock stress in mice

Mark Hatcher Staff Poster Presentation

## Reversible Firing Pattern Transformation in Central Olfactory Neurons

Thomas Heinbockel Senior Faculty Oral Presentation

#### **Business**

## How Consumerism Caused (and Can End) the Plastic Plague

Jordan Mcrae Undergraduate Student Poster Presentation

## Are Economic Development Projects Tipping Points for Their Neighborhoods?

Amira Alghumgham Graduate Student Poster Presentation

#### Audit Fee Trends from 2000 to 2014

Lucy Lim
Junior Faculty/ Lecturer/ Instructor
Poster Presentation

#### In Pursuit of Greater Social Capital: Customizing Online Relationships for a Return on Investment

Rajni Goel Senior Faculty Oral Presentation

#### **Creative Arts & Design**

Alleviating City's Environmental Impacts and Revitalizing Its Urban Fabric Through Green Roofs – A Case Study In Ho Chi Minh, Vietnam

Huy Bui Undergraduate Student Poster Presentation

#### **Education & Outreach**

Small-group instruction, specifically differentiated learning increases students instructional reading levels.

Nykia Singletary Undergraduate Student Poster Presentation

## Strengthening the Academy: Scholarly Productivity of Black Ph.D. Students

Rhonda Celey Graduate Student Oral Presentation

# An Undifferentiated Intern Readiness Course for Fourth Year Medical Students Prepares for the Transition to Internship

Ladonna Kearse Professional Student Poster Presentation

#### Exploring the Efficacy of International Service Learning to U.S. College Student Development and Community Needs in Ghana among Students of Color

Beverly Booker ammah
Junior Faculty/ Lecturer/ Instructor
Oral Presentation

# The impact of the US Preventive Task Force recommendations against prostate screening on utilization of the Howard University Cancer Center's "Men Take Ten" prostate cancer screening program

Clinton Burnside Staff Poster Presentation

#### Why Cancer Prevention and Early Detection Must be Priority

Bernard Kwabi-addo Senior Faculty Oral Presentation

#### **Ethics, Law & Religion**

The Challenges Facing Our Nation: Providing Possible Solutions to Police Brutality Against Citizens in the United States

Donshaya Courts Undergraduate Student Oral Presentation

#### The Churches Role in Education Reforming

Andrew Lofton IV

Graduate Student Oral Presentation

#### Womanism & Advertising Ethics in a Converged Era (Poster Design or Oral Presentation)

Joanna Jenkins
Junior Faculty/ Lecturer/ Instructor
Poster Presentation

#### **Humanities**

New Master, Same House: The Paradox of Black Women's Self Ownership in Beyonce's Lemonade

Alexandra Green Undergraduate Student Oral Presentation

A Crowdsourced, Comprehensive Database of Rare Diseases Prevalent Predominant in People of African Descent: The Case Study of Noma

Noble Htar Professional Student Poster Presentation

# Physical Sciences & Engineering

## Graphene-based Tunable Terahertz Metasurfaces

Erin Strickland Undergraduate Student Poster Presentation

#### Effect of Sorted Single-Walled Carbon Nanotubes on Rate Capability of Lithium-ion Batteries

Adewale Adepoju Graduate Student Poster Presentation

#### Non-Linear Bending Mechanics of Threedimensional Slender Structures

Jyothirmai Simhadri
Post Doc/Resident/Fellow/Research Associate
Poster Presentation

# Theoretical/Virtual Synthesis of Ultra Thin Diamonds: Chemically Induced Phase-Change in Graphene

Pratibha Dev
Junior Faculty/ Lecturer/ Instructor
Oral Presentation

## Photocurrent in Bismuth Junctions with Graphene at Room Temperature

Tito Huber Senior Faculty Oral Presentation

## Framework Implementation for CPES on Micro-grid Test Bed

James Momoh Senior Faculty Oral Presentation

#### **Social Sciences**

## Disincentivized and Demobilized: An Olsonian interpretation of the 2013 Shahbag Movement

Anupam Roy Undergraduate Student Poster Presentation Social Sciences

### The Turning Point of Formerly Incarcerated African American Men

Zipporah Mccoy Graduate Student Oral Presentation

## Nana's Need: How to Protect the Baby Boomer Generation Now Eligible for Medicare

Heidi Thomas Professional Student Oral Presentation

#### Gender Differences and the Impact of Exposure to Violence on Alcohol, Drug Use, and HIV Risk Behaviors among African American Young Adults

Forough Saadatmand Staff Poster Presentation

## Color, Caste, and the Public Sphere: A study of black journalists who joined television networks from 1994-2014

Indira Somani
Junior Faculty/ Lecturer/ Instructor
Oral Presentation

# Translational & Clinical Sciences

#### Acute Aerobic Exercise Does Not Alter Heart Rate Variability During Mental Stress in Young Adult African Americans

Precious Ndukwe Undergraduate Student Poster Presentation

## A Historic African American Skeletal Collection Reveals Bacterial Infections

Christopher Cross Graduate Student Oral Presentation

# 30 day admissions in the Post-HAART era in a urban teaching institution: The impact of compliance and ART use

Detron Brown Professional Student Poster Presentation

## Does the location and histopathological status of colon polyps affect interval colonoscopy

Vamshi vasantha raya Gorantla Post Doc/Resident/Fellow/Research Associate Poster Presentation

# Perspectives on supported employment for dually diagnosed clients on medically assisted therapy for opioid use disorder

Imani Brown
Staff
Poster Presentation

## How Does the Estrous Cycle Influence Fear Conditioning in Female Mice?

Linda Boadi Staff Poster Presentation

## Small molecule development for innate immunity-derived inflammatory disorders

Amol Kulkarni Junior Faculty/ Lecturer/ Instructor Poster Presentation

#### Clinical Pharmacogenetic Testing in the Management of Opioid Use Disorder: A Case Series

Earl Ettienne
Junior Faculty/ Lecturer/ Instructor
Oral Presentation

#### Microenvironmental Responsive Polymeric Nanoparticles Fabricated By Dispersion Polymerization for The Delivery of Bioactive Agents

Emmanuel Akala Senior Faculty Oral Presentation

Knowledge, Attitudes, Experiences, and Willingness to Participate in Clinical Genetic Testing and Genetic Research Among Women of African Descent

Veronica Thomas Senior Faculty Poster Presentation

MiRNA-124 Mediates Sphingosine Kinase 1 Expression, Sphingosine-1-phosphate and Ceramide Signaling Pathways in Head and Neck Squamous Cell Carcinoma

Xinbin Gu Senior Faculty Oral Presentation
Translational & Clinical Sciences