## **Research Symposium 2018 Winners**

## **Overall Winners**

#### Establishing a model to study the Entry and Transport of Pseudorabies Virus Infection in Central Nervous System Neurons

Rukia Henry Undergraduate Student Poster Presentation Facutly Advisor: Clarence Lee Biological & Biomedical Sciences

#### Bridging the gap between Western and Modern Medicine: An examination of the health benefits of integrated medicine in Zanzibar, Tanzania

Natazah O'neil Undergraduate Student Poster Presentation Facutly Advisor: Alem Hailu Social Sciences

#### Bound to Post-Black: Examining and Redefining Tenets of the Post-Black Art Movement.

Adanna Paul Undergraduate Student Oral Presentation Faculty Advisor: Abiola Ofosuwa Creative Arts & Design

#### The Vitalizing Role of Education in Islam's Prophetic Model

Niciah Petrovic Graduate Student Oral Presentation Faculty Advisor: Zainab Alwani Ethics, Law & Religion Patient Related Limitations of Computed Tomography Angiography for Pulmonary Embolism Diagnosis Hamza Raja Professional Student Poster Presentation Faculty Advisor: Andre Duerinckx Translational & Clinical Sciences

#### Efficacy of Ledispavir-Sofosbuvir and other direct-acting antiviral therapies (DAAs) in the treatment of Chronic HCV: A retrospective study in African Americans

Gbeminiyi Samuel Post Doc/Resident/Fellow/Research Associate Oral Presentation Faculty Advisor: Charles Howell Translational & Clinical Sciences

#### The Merger That Shook Jamaica

Mark Beckford Junior Faculty/ Lecturer/ Instructor Oral Presentation Humanities

#### Screening for lysosomal storage disorders in African-Americans shows higher incidence rates – A possible link to ancestry-specific genetic variations Marjorie Gondré-lewis Senior Faculty Oral Presentation Translational & Clinical Sciences

## **Biological & Biomedical** Sciences

Establishing a model to study the Entry and Transport of Pseudorabies Virus Infection in Central Nervous System Neurons

Rukia Henry Undergraduate Student Poster Presentation Facutly Advisor: Clarence Lee

Inhibition of Extreme Drug-Resistance Acinetobacter baumannii by Isolates of Lactobacillus rhamnosus and paracasei Rachelle Allen-Mcfarlane Graduate Student Poster Presentation Faculty Advisor: Broderick Eribo

#### Development of an EGFR and EGFRvIII-

Facutly Advisor: Liang Shan

*targeted Recombinant Immunotoxin for Cancer Treatment* Kulsoom Naqvi Professional Student Poster Presentation

## Sexually Dimorphic Ethanol Consumption and Behavior Among P Rats

Philippe Darius Post Doc/Resident/Fellow/Research Associate Poster Presentation Facutly Advisor: Marjorie Gondré-Lewis

**Towards the Creation and Characterization of an Effective Prophylactic Zika Vaccine** Kadijah Dansby

Staff Poster Presentation Facutly Advisor: Michael Thomas

#### Protein Phosphatase-1 as a Target for Antiviral Small Molecules against Ebola and Marburg Infections Tatiana Ammosova Junior Faculty/ Lecturer/ Instructor Poster Presentation Facutly Advisor: Sergei Nekhai

**Omics Approach to the Identification of Race-Specific Biomarkers for Cirrhosis and HCC** Zaki Sherif Senior Faculty Oral Presentation

## **Business**

Do the District 2012 Income Tax Policy Increase Tax Revenue? Evidence from a Regression Discontinuity Design Amira Alghumgham Graduate Student Oral Presentation Faculty Advisor: Omari Swinton

Cognitive Dissonance and the Job Interview: Helpful or hurtful? Amanda Hinojosa Junior Faculty/ Lecturer/ Instructor Oral Presentation

Dietary Attitude and Criteria for Food Selection Among African-American College Students Maryam Khan Senior Faculty Oral Presentation

## **Creative Arts & Design**

Bound to Post-Black: Examining and Redefining Tenets of the Post-Black Art Movement. Adanna Paul Undergraduate Student Oral Presentation Faculty Advisor: Abiola Ofosuwa

## **Education & Outreach**

*Is the French or Spanish language more effective in developing early English literacy skills in Kindergarten Students?* 

Sajela Harlow Undergraduate Student Poster Presentation Facutly Advisor: Gerunda Hughes

#### An Exploratory Study: Teachers' Decision Making Process to Apply Sensory-Based

Interventions in Mainstream Classrooms Aisha Crowley-hall Graduate Student Poster Presentation Facutly Advisor: Jessica Alden

## Prostate cancer screening: All men may not be

*equal.* Clinton Burnside Staff Poster Presentation Facutly Advisor: Pamela Coleman

#### Assessing Food Insecurity Among Students at a HBCU and Its Relationship to Fruit and Vegetable Intake and Overweight/Obesity

Linda Thompson Junior Faculty/ Lecturer/ Instructor Poster Presentation

A new orientation toward Howard University's Research Mission: George Washington Williams and W.E.B Du Bois on Undergraduate Research Charles Verharen Senior Faculty Oral Presentation

## **Ethics, Law & Religion**

Saving What Never Was: Legal Frameworks for Protecting Indigenous Land in the Chittagong Hill Tracts from Further Appropriation Anupam Roy Undergraduate Student Poster Presentation Faculty Advisor: John Cotman

### The Vitalizing Role of Education in Islam's

**Prophetic Model** Niciah Petrovic Graduate Student Oral Presentation Faculty Advisor: Zainab Alwani

#### A Pleas to Federal Judges: Combatting

Prosecutorial Misconduct in the Cliven Bundy Era Quiana Harris Professional Student Oral Presentation Faculty Advisor: Sarah Vanwye

#### Where Do We Go from Here: Existence or Extinction? Exploring College & University Black Chaplaincy in the 21st Century Cecil Duffie Staff Oral Presentation Faculty Advisor: Bernard Richardson

#### Ethical Considerations in the Use of Social Media for Clinical Trail Recruitment

Assya Pascalev Senior Faculty Oral Presentation

## **Humanities**

#### The Drug Epidemic in Brazil

Kyrionna Golliday Undergraduate Student Oral Presentation Faculty Advisor: Jacob Eliseo

The Merger That Shook Jamaica Mark Beckford Junior Faculty/ Lecturer/ Instructor Oral Presentation

# Physical Sciences & Engineering

Safe Space: Using Gamification to Provide Medical Recommendations for Sickle Cell Patients in Preadolescence

Candace Williams Undergraduate Student Poster Presentation Faculty Advisor: Gloria Washington

#### Free-Standing LiFePO4/Sorted Single-Walled Carbon Nanotubes Composite Cathode for Lithium-Ion Batteries

Adewale Adepoju Graduate Student Oral Presentation Faculty Advisor: Quinton Williams

#### Controlled Biomimetic Remineralization for Enamel Repair

Nancy Trang Professional Student Poster Presentation Faculty Advisor: Tongxin Wang

#### Development of Shewanella Oneidensis MR-1 Biofilms for Iodate Reduction in Groundwater

Jyothirmai Simhadri Post Doc/Resident/Fellow/Research Associate Poster Presentation Faculty Advisor: Patrick Ymele-Leki

# Dynamic control and switching of electromagnetically induced transparency in ultrathin highly flexible terahertz metasurfaces

Thomas A. Searles Junior Faculty/ Lecturer/ Instructor Oral Presentation

#### Artificial Intelligence to Improve Scoring Functions for Structure-based Drug Discovery Simon Wang Senior Faculty Poster Presentation

# **Social Sciences**

Bridging the gap between Western and Modern Medicine: An examination of the health benefits of integrated medicine in Zanzibar, Tanzania Natazah O'neil Undergraduate Student Poster Presentation Facutly Advisor: Alem Hailu

Help-Seeking and Self-Efficacy in Black Female Students at Historically Black Colleges and Universities Chloe Martin Graduate Student Poster Presentation Facutly Advisor: Veronica Thomas

#### Narrative and Interactional Analysis on GoFundme's Breast Cancer Campaign: The Effectiveness and the Power of Social Media Crowdfunding Wei Sun Junior Faculty/ Lecturer/ Instructor

Inter-Media Agenda Setting Effects: The Case of #BlackLivesMatter, Black-ish and Network TV News Natalie Hopkinson

Senior Faculty Oral Presentation

**Poster Presentation** 

# Translational & Clinical Sciences

#### Personality traits related to exercise

Danielle Brown Undergraduate Student Poster Presentation Faculty Advisor: Jules Harrell

#### STAG2 as a Prognostic Biomarker in Papillary

Non-Muscle Invasive Urothelial Carcinoma Alana Lelo Graduate Student Oral Presentation Faculty Advisor: Todd Waldman

### Clinicians' perspectives on barriers to employment for clients enrolled in a supported employment program Imani Brown Staff Poster Presentation Faculty Advisor: Tanya Alim

#### MDR Efflux Transporters - New Drug Targets for HIV Drug Delivery Pradeep Karla Junior Faculty/ Lecturer/ Instructor Oral Presentation

#### Patient Related Limitations of Computed Tomography Angiography for Pulmonary Embolism Diagnosis Hamza Raja Professional Student Poster Presentation Faculty Advisor: Andre Duerinckx

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