# Research Symposium 2018 Winners

## Overall Winners

<table>
<thead>
<tr>
<th>Title</th>
<th>Author/Sponsor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Establishing a model to study the Entry and Transport of Pseudorabies Virus Infection in Central Nervous System Neurons</td>
<td>Rukia Henry</td>
</tr>
<tr>
<td></td>
<td>Undergraduate Student</td>
</tr>
<tr>
<td></td>
<td>Poster Presentation</td>
</tr>
<tr>
<td></td>
<td>Faculty Advisor: Clarence Lee</td>
</tr>
<tr>
<td></td>
<td>Biological &amp; Biomedical Sciences</td>
</tr>
<tr>
<td>Bridging the gap between Western and Modern Medicine: An examination of the health benefits of integrated medicine in Zanzibar, Tanzania</td>
<td>Natazah O’neil</td>
</tr>
<tr>
<td></td>
<td>Undergraduate Student</td>
</tr>
<tr>
<td></td>
<td>Poster Presentation</td>
</tr>
<tr>
<td></td>
<td>Faculty Advisor: Alem Hailu</td>
</tr>
<tr>
<td></td>
<td>Social Sciences</td>
</tr>
<tr>
<td>Bound to Post-Black: Examining and Redefining Tenets of the Post-Black Art Movement.</td>
<td>Adanna Paul</td>
</tr>
<tr>
<td></td>
<td>Undergraduate Student</td>
</tr>
<tr>
<td></td>
<td>Oral Presentation</td>
</tr>
<tr>
<td></td>
<td>Faculty Advisor: Abiola Ofosuwa</td>
</tr>
<tr>
<td></td>
<td>Creative Arts &amp; Design</td>
</tr>
<tr>
<td>The Vitalizing Role of Education in Islam’s Prophetic Model</td>
<td>Niciah Petrovic</td>
</tr>
<tr>
<td></td>
<td>Graduate Student</td>
</tr>
<tr>
<td></td>
<td>Oral Presentation</td>
</tr>
<tr>
<td></td>
<td>Faculty Advisor: Zainab Alwani</td>
</tr>
<tr>
<td></td>
<td>Ethics, Law &amp; Religion</td>
</tr>
<tr>
<td>Patient Related Limitations of Computed Tomography Angiography for Pulmonary Embolism Diagnosis</td>
<td>Hamza Raja</td>
</tr>
<tr>
<td></td>
<td>Professional Student</td>
</tr>
<tr>
<td></td>
<td>Poster Presentation</td>
</tr>
<tr>
<td></td>
<td>Faculty Advisor: Andre Duerinckx</td>
</tr>
<tr>
<td></td>
<td>Translational &amp; Clinical Sciences</td>
</tr>
<tr>
<td>Efficacy of Ledispavir-Sofosbuvir and other direct-acting antiviral therapies (DAAs) in the treatment of Chronic HCV: A retrospective study in African Americans</td>
<td>Gbeminiyi Samuel</td>
</tr>
<tr>
<td></td>
<td>Post Doc/Resident/Fellow/Research Associate</td>
</tr>
<tr>
<td></td>
<td>Oral Presentation</td>
</tr>
<tr>
<td></td>
<td>Faculty Advisor: Charles Howell</td>
</tr>
<tr>
<td></td>
<td>Translational &amp; Clinical Sciences</td>
</tr>
<tr>
<td>The Merger That Shook Jamaica</td>
<td>Mark Beckford</td>
</tr>
<tr>
<td></td>
<td>Junior Faculty/ Lecturer/ Instructor</td>
</tr>
<tr>
<td></td>
<td>Oral Presentation</td>
</tr>
<tr>
<td></td>
<td>Humanities</td>
</tr>
<tr>
<td>Screening for lysosomal storage disorders in African-Americans shows higher incidence rates – A possible link to ancestry-specific genetic variations</td>
<td>Marjorie Gondré-lewis</td>
</tr>
<tr>
<td></td>
<td>Senior Faculty</td>
</tr>
<tr>
<td></td>
<td>Oral Presentation</td>
</tr>
<tr>
<td></td>
<td>Translational &amp; Clinical Sciences</td>
</tr>
</tbody>
</table>
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
Faculty 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-targeted Recombinant Immunotoxin for Cancer Treatment
Kulsoom Naqvi
Professional Student
Poster Presentation
Faculty Advisor: Liang Shan

Sexually Dimorphic Ethanol Consumption and Behavior Among P Rats
Philippe Darius
Post Doc/Resident/Fellow/Research Associate
Poster Presentation
Faculty Advisor: Marjorie Gondré-Lewis

Towards the Creation and Characterization of an Effective Prophylactic Zika Vaccine
Kadijah Dansby
Staff
Poster Presentation
Faculty 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
Faculty Advisor: Sergei Nekhai

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

Business

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
Faculty 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
Faculty Advisor: Jessica Alden

Prostate cancer screening: All men may not be equal.
Clinton Burnside
Staff
Poster Presentation
Faculty 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

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

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
Faculty Advisor: Alem Hailu

Help-Seeking and Self-Efficacy in Black Female Students at Historically Black Colleges and Universities
Chloe Martin
Graduate Student
Poster Presentation
Faculty 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
Poster Presentation

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

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

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