Research Symposium 2019 Winners

Overall Winners

A Pedagogy Learned
Adanech Makey
Undergraduate Student
Poster Presentation
Faculty Advisor: Wade Boykin
Social Sciences

The Moderating and Mediating Effects of Gender and Race-Based Traumatic Stress on the Physiological Outcomes of Viewing Videos of Police Killings of African American Men
Brianna Brower
Graduate Student
Poster Presentation
Faculty Advisor: Hope Hill
Social Sciences

Black Female Resistance Behind Bars: Centering the Voices of Incarcerated Black Women
Britany Gatewood
Graduate Student
Oral Presentation
Faculty Advisor: Bahiyyah Muhammad
Social Sciences

The “Turning Point” Generation: An Assessment of Ethnic Identity and Achievement Among Third-Generation West Indians in the United States
Dana McCalla
Graduate Student
Poster Presentation
Faculty Advisor: Marie Jipguep-Akhtar
Social Sciences

Dihydrotestosterone Lowers Cytosolic Sterol Regulatory Element-Binding Protein-1 in Adipose Tissue from Female Mice
Tina Seidu
Professional Student
Poster Presentation
Faculty Advisor: Stanley Andrisse
Biological & Biomedical Sciences

Reducing Binge Alcohol Drinking in Rats
Tomilowo Abiyo
Post-Doc/Resident/Fellow/Research Associate
Oral Presentation
Faculty Advisor: Marjorie Gondre-Lewis
Biological & Biomedical Sciences

The Effects of Cognitive-Communicative Disorders on Academic Success and Juvenile Delinquency in Low Socioeconomic Standing-Minority Youth
Shameka Stanford
Junior Faculty/Lecturer/Instructor
Oral Presentation
Social Sciences

GlucoCEST MRI reveals decreases of glucose uptake and metabolism in perinatal brain injury
Tsang-wei Tu
Junior Faculty/Lecturer/Instructor
Oral Presentation
Biological & Biomedical Sciences

Induction of specific carcinogenic miRNAs expression as a potential mechanism by which Streptococcus sp. VT_162 infection contributes to colorectal cancer
Hassan Brim
Senior Faculty
Poster Presentation
Translational & Clinical Sciences

Design and Fabrication of Polymer-Monoclonal Antibody Conjugates for the Development of Targeted Nanoparticles for HER2-Positive Breast Cancer Treatment
Emmanuel Akala
Senior Faculty
Oral Presentation
Translational & Clinical Sciences
Research Symposium 2019 Winners

Research Symposium Category Winners

Biological & Biomedical Sciences

Role of Distal Enhancer Regulatory Elements in Altered NIPBL Gene
Nina Wallace
Undergraduate Student Poster Presentation
Faculty Advisor: Ronald Smith

Elucidating novel roles of the 19S regulatory particle subunits of the 26S proteasome in C. elegans gametogenesis and fertilization
Loursds Fernando
Graduate Student Poster Presentation
Faculty Advisor: Anna Allen

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Tina Seidu
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Tomilowo Abijo
Post Doc/Resident/Fellow/Research Associate Poster Presentation
Faculty Advisor: Marjorie Gondré-Lewis

GlucoCEST MRI reveals decreases of glucose uptake and metabolism in perinatal brain injury
Tsang-wei Tu
Junior Faculty/ Lecturer/ Instructor Poster Presentation

Cannabinoid Receptor-Mediated Changes of Mitral Cell Activity through Modification of Synaptic Input in the Main Olfactory Bulb
Thomas Heinbockel
Senior Faculty Oral Presentation

Business

The relationship between Agents, Principles, and Corporate Bond Holders
Jordan Lewis
Undergraduate Student Oral Presentation
Faculty Advisor: Charles Verharen

Would Energy Tax Policy Significantly Influence the Diffusion Rate of The Renewable Energy Portfolio in The United States?
Hind Alnafisah
Graduate Student Faculty Advisor: Mika Kato

The Moderating Effect of Channel Switching on How the Retailing Experience Relates to Satisfaction, Loyalty, and Positive Word of Mouth Intentions
Angela Jones
Junior Faculty/ Lecturer/ Instructor Oral Presentation

Cyber Crime: Devastating Impact on Small Businesses Relative to Large Enterprises
Rajni Goel
Senior Faculty Oral Presentation

Pluralism, Entrepreneurship and Growth
Narendra Rustagi
Senior Faculty Oral Presentation
Creative Arts & Design

Mitigating the Affordable Housing Crisis through Shipping Containers
Justina Starrad
Undergraduate Student
Poster Presentation
Faculty Advisor: Nea Maloo

The Oprah Winfrey Network’s Queen Sugar Television Series: A Case Study on African-American Women Exemplary Representations On-Screen and Behind-the-Scenes
Ollie Jefferson Graduate Student
Oral Presentation
Faculty Advisor: Tia Tyree

Community Revitalization – Public Housing: Designing Social Equity to Build Community.”
Jacqueline Carmichael Junior
Faculty/Lecturer/Instructor
Poster Presentation

Education & Outreach

How Does Literacy Fit In?
Symone Odoms
Undergraduate Student Poster Presentation
Faculty Advisor: Marilyn Irving

A “Food as Medicine” Program and Its Effects on Healthy Eating and Cooking Confidence
Deanna Nara
Graduate Student
Poster Presentation
Faculty Advisor: Linda Thompson

Contrast induced Encephalopathy: a case report
Wefag Ahmed
Post Doc/Resident/Fellow/Research Associate
Poster Presentation
Faculty Advisor: Eyasu Mekonen

Biological Transformation of Hexavalent Chromium using ES6 and MR1 in a Sustainable System
Michelle Cole
Graduate Student
Poster Presentation
Faculty Advisor: Ramesh Chawla

Environmental Studies

Bringing Clarity to Artemisia L. by Categorizing Moroccan Species
Paige Hodges
Undergraduate Student
Poster Presentation
Faculty Advisor: Janelle Burke

The deadline and extinction of the Steller’s sea cow (Hydrodamalis gigas)
Miranda Armour-Chelu
Poster Presentation
Junior Faculty/Lecturer/Instructor
Research Symposium 2019 Winners

**Humanities**

Flamenco and the Appropriation of Global Black Cultures in the Construction of Spain's National Brand
Aidan Keys
Undergraduate student
Oral Presentation
Faculty Advisor: Mercedes Tibbits

How Queer Folks Contributed to the Black Panther Party
Carrie Morris
Graduate Student
Poster Presentation
Faculty Advisor: Carolyn Byerly

Freeways: The Cultural Politics of Contemporary Emancipation Day Celebrations Across the Black Diaspora
Natalie Hopkinson
Junior Faculty/ Lecturer/ Instructor
Oral Presentation

**Ethics, Law & Religion**

A Case for Lifting the Cuban Embargo: A Comparative Study
Allison Burns
Undergraduate Student
Oral Presentation
Faculty Advisor: Clement Akassi

Land of the Free? An Examination of the Constitutionality of Forced Labor in U.S. Immigrant Detention Centers
Jamila Cambridge
Graduate Student
Oral Presentation
Faculty Advisor: Mariela Olivares

If the Feds Watching: The FBI’s Use of a “Black Identity Extremist” Domestic Terrorism Designation to Target Black Activists
Aleena Aspervil
Professional Student
Oral Presentation
Faculty Advisor: Lisa Crooms

The Uncaptured Voice: Examining the role of Religion, and College & University Black Women Chaplaincy Leadership in the 21st Century
Cecil Duffie
Staff
Oral Presentation
Faculty Advisor: Bernard Richardson

**Physical Sciences & Engineering**

Theoretical Characterization of Ligated Copper Clusters
Adebola Adeagbo
Undergraduate Student
Poster Presentation
Faculty Advisor: Andre Clayborne

Shewanella Oneidensis MR-1 and Community 31 for Microbial Reduction of Iodate at the Hanford Site
Tafadzwa Chigumira
Graduate Student
Oral Presentation
Faculty Advisor: Patrick Ymele-Leki
Research Symposium 2019 Winners

Blockchain Technology in Pharmacy:
Developing a Public Drug Safety Database
Nkiruka Emezienna
Professional Student
Poster Presentation
Faculty Advisor: Xiang Wang

Cocrystals Formed by Combining Major Therapeutic Drugs with the Bioavailability Enhancer Piperine
David Roberts
Post Doc/Resident/Fellow/Research Associate
Poster Presentation
Faculty Advisor: Joseph Fortunak

Evidence of transition between Heisenberg and Ising-like phases in mesoscale Ge:Mn spin glass
Samaresh Guchhait
Junior Faculty/ Lecturer/ Instructor
Oral Presentation

Development of Palladium-catalyzed dicobalt octacarbonyl-mediated carbonylation reaction
Amol Kulkarni
Senior Faculty
Poster Presentation

Social Sciences

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Adanech Makey
Undergraduate Student
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Graduate Student
Poster Presentation
Faculty Advisor: Marie Jipguep-Akhtar
Social Sciences

The Impact on Language Development in African American Children Exposed to Intimate Partner Violence
Dorian Harris
Professional Student
Poster Presentation
Faculty Advisor: Silvia Martinez

Graphene-Bi (111) interface: atomic structure and electronic properties
Ivan Naumov
Post Doc/Resident/Fellow/Research Associate
Oral Presentation
Faculty Advisor: Pratibha Dev

The Effects of Cognitive-Communicative Disorders on Academic Success and Juvenile Delinquency in Low Socioeconomic Standing-Minority Youth
Shameka Stanford
Junior Faculty/ Lecturer/ Instructor
Oral Presentation

The Nexus between Women's Position in Newsrooms and News about Women
Carolyn Byerly
Senior Faculty
Oral Presentation
Research Symposium 2019 Winners

Translational & Clinical Sciences

The Role of Social Media and Mobile App on Weight Management of Overweight/Obese
Hoang Tong
Undergraduate Student
Poster Presentation
Faculty Advisor: Chimene Castor

Metastatic Prostate Adenocarcinoma to the Left Subclavian Lymph Node
Anish Jain
Graduate Student
Poster Presentation
Faculty Advisor: Pamela Coleman

Preliminary Ecological Evaluations of Cannabis Use and Sleep
Tisa Thomas
Professional Student
Poster Presentation
Faculty Advisor: Thomas Mellman

The HEART Score in Blacks with Emergency Presentation of Chest Pain: A Performance Test and Risk Analysis
Olusayo Fadiran
Post Doc/Resident/Fellow/Research Associate
Poster Presentation
Faculty Advisor: Daniel Larbi

Relationship between PTSD and Recovery in a Sample of Dually Diagnosed Individuals on Medication-Assisted Treatment for Opioid Use Disorder
Imani Brown
Staff
Poster Presentation
Faculty Advisor: Tanya Alim

The mechanism of olfactory dysfunction in APOE-associated dementia: Olfactory study in human APOE4 carriers
Magdalena Misiak
Junior Faculty/ Lecturer/ Instructor
Oral Presentation

Induction of specific carcinogenic miRNAs expression as a potential mechanism by which Streptococcus sp. VT_162 infection contributes to colorectal cancer
Hassan Brim
Senior Faculty
Poster Presentation
Translational & Clinical Sciences