



HOWARD UNIVERSITY
RESEARCH WEEK
PROGRAM BOOK

APRIL 9 – 13, 2018



HOWARD UNIVERSITY

RESEARCH WEEK

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PROGRAM BOOK

HOWARD UNIVERSITY

Office of Research Development

April 9, 2018

Greetings Howard University Family and Friends:

With immense pleasure, we welcome you to Howard University's Research Week 2018, April 9-13. This week provides a wonderful opportunity for us to engage our stakeholders, and to showcase the multiplicity of cross-disciplinary and groundbreaking research that has earned the University its unique reputation among institutions of higher education for many years.

Monday, April 9th kicks off a week of research related activities. The Cobb Research Laboratory will host its symposium featuring projects ranging from African American health and wellbeing to African burial ground populations in New York City and St. Helena (South Atlantic). The same day, the Office of Undergraduate Studies will have a Fulbright Research Panel & Merit and National Merit Award Reception recognizing senior undergraduate and graduate students for their upcoming research and studies abroad.

Dr. Hakeem Oluseyi, an Astrophysicist and the Space Sciences Education Lead for the Science Mission Directorate at NASA Headquarters will give the keynote address at 1:00PM on Tuesday, April 10th in the multipurpose room of the Interdisciplinary Research Building. Immediately following, Howard University (HU) faculty from various disciplines will share how they are pushing the boundaries of knowledge by creating new frontiers in their fields.

This year's HU Research Centers in Minority Institutions (RCMI) symposium scheduled for Wednesday will focus on the development of HU researcher's readiness to compete for early-stage SBIR/STTR grants. Included on Wednesday, April 11th are presentations from the fellows of the Ryoichi Sasakawa Young Leaders Fellowship Program designed to identify and nurture leaders who will address global issues with high integrity and drive that will make a real difference. Later in the day, School of Business will facilitate a discussion on the social responsibilities of businesses to people, the planet, and profit grounded in the research findings of HU School of Business scholars and more.

Over 550 faculty, students, and postdocs from the thirteen schools and colleges will present their research at the symposium on Thursday. This will be held in the Armour J. Blackburn Center.

We would also like to acknowledge the generous support and partnership of our sponsors, the National Science Foundation's HU ADVANCE-IT and the Georgetown-Howard Universities Center for Clinical and Translation Science (GHUCCTS).

Join us on Friday to celebrate our collective research efforts, the 2018 research symposium winners, and to award the 2018 Women in STEM Researcher of the Year.

Sincerely,

Research Week Committee 2018

KEYNOTE SPEAKER:

HAKEEM OLUSEYI, PH.D.

Dr. Oluseyi serves as an Astrophysicist and the Space Sciences Education Lead for the Science Mission Directorate at NASA Headquarters. He also holds the title of Distinguished Research Professor of Physics & Space Sciences at the Florida Institute of Technology.



Dr. Oluseyi is an internationally recognized astrophysicist, educator, inventor, author, humanitarian, and TV personality. He's made research contributions across diverse fields including astrophysics, cosmology, semiconductors, astronomical detectors and instruments, time-domain informatics, ion propulsion, and science education. He's authored more than 70 scholarly articles, six books, and is the inventor of seven US patents and four EU patents. He's supervised 10 PhD degrees, 33 Masters degrees, and a host of undergraduate researchers.

Moreover, Dr. Oluseyi is a renowned science communicator who currently hosts several shows on the Science Channel including *Outrageous Acts of Science* and *How the Universe Works*. He has made numerous appearances as an expert on CNN, MSNBC, ABC News, NBC News, HBO, Fox News, and more. He's worked tirelessly over two decades to improve lives through extending educational and scientific opportunities and fostering understanding between people. To achieve these goals he's partnered with the U.S. government and its agencies, foreign governments, national laboratories, philanthropic organizations, non-governmental organizations, private companies, and foundations. He has received several honors including selections as an MIT Faculty Fellow, TED Fellow, NASA faculty fellow, and induction into the National Black College Alumni Hall of Fame.

HOWARD UNIVERSITY RESEARCH WEEK

April 9 – 13, 2018

ACTIVITIES AT A GLANCE

MONDAY, APRIL 9

Research Week Kickoff

- 12:00 PM - 5:00 PM Cobb Research Laboratory Symposium
Interdisciplinary Research Building, Multipurpose Room
- 12:00 PM - 2:00 PM Fulbright Research Panel & Merit Awards Reception
National Merit Award Recognition Reception
Gallery Lounge, Armour J. Blackburn University Center

TUESDAY, APRIL 10

Engaging Faculty in Research

- 1:00 PM - 2:00 PM Keynote Address: Hakeem Oluseyi, Ph.D.
Interdisciplinary Research Building, Multipurpose Room
- 2:00 PM - 3:30 PM Research Week 2018 Speakers:
Exploring New Frontiers

WEDNESDAY, APRIL 11

Research Discussion

- 9:00 AM - 12:00 PM Ryoichi Sasakawa Young Leaders Fellowship
Fund (SYLFF) Session
Room 101, Annex III Graduate School
- 9:00 AM - 3:00 PM RCMI Team Science Symposium
Multipurpose Room, Interdisciplinary Research Building
- 12:30 PM - 2:30 PM Faculty Mentoring Faculty
Gallery Lounge, Armour J. Blackburn University Center
- 3:30 PM - 5:30 PM The Social Responsibilities of Business to People, Planet,
and Profit: Highlights from the Research of School of
Business Faculty
Gallery Lounge, Armour J. Blackburn University Center

HOWARD UNIVERSITY RESEARCH WEEK

April 9 – 13, 2018

ACTIVITIES AT A GLANCE

THURSDAY, APRIL 12

Showcasing Research & Scholarly Activities

7:30 AM Research Symposium Registration & Continental Breakfast
Ballroom, Armour J. Blackburn University Center

8:30 AM Remarks

9:00 AM Oral and Poster Presentations

12:00 PM Lunch

1:15 PM Oral and Poster Presentations

4:30 PM Closing

11:00 AM A Celebration of Howard University ADVANCE-IT (HU ADVANCE-IT)
Multipurpose Room, Interdisciplinary Research Building

FRIDAY, APRIL 13

Celebrating Research at Howard University

1:00 PM Research Poster Session II
Multipurpose Room, Interdisciplinary Research Building

3:00 PM Research Awards & 2018 Women in STEM
Researcher of the Year Award
Multipurpose Room, Interdisciplinary Research Building

ACTIVITIES IN DETAIL

MONDAY, APRIL 9

Research Week Kickoff

12:00 PM - 5:00 PM

Cobb Research Laboratory Symposium

Interdisciplinary Research Building, Multipurpose Room

Howard University's W. Montague Cobb Research Laboratory is a unique campus facility that provides research opportunities for faculty and students in diverse aspects of biological anthropology and human biology. This year, the on-going research activities of 28 award-winning graduate students and undergraduates in the beginnings of their research careers will be highlighted during four sessions. Registration for lunch should be made at CRLSymposium2018@gmail.com.

12:25pm - 1:05 pm:

General African American Health and Well-Being

1:05 pm - 2:05 pm:

African Burial Ground Populations in New York City & St. Helena (South Atlantic)

2:15 pm - 3:35 pm:

Cardiovascular Disease in The Cobb Collection

3:35 pm - 5:00 pm:

Ancestry, Health Disparities and Chronic Disease in Historic and Contemporary Populations.

12:00 PM - 2:00 PM

Fulbright Research Panel & Merit Awards Reception National Merit Award Recognition Reception

Gallery Lounge, Armour J. Blackburn University Center

Howard University seniors and graduate students selected as winners and semi-finalists for the U.S. Fulbright Student Program will present their proposed research and planned academic studies abroad for the 2018-2019 academic year. Following the research presentations, all 2018 Howard University national prestigious scholarship award winners and finalists will receive award recognition for their upcoming research and studies abroad, including recipients and finalists of the Fulbright, Marshall, Rangel, Rhodes, Schwarzman and Truman Scholarships. Food and refreshments will be provided for lunch, buffet-style, throughout the research presentations and awards ceremony.

ACTIVITIES IN DETAIL

TUESDAY, APRIL 10

Engaging Faculty in Research

1:00 PM - 3:00 PM

Keynote Address: Hakeem Oluseyi, Ph.D.

Interdisciplinary Research Building, Multipurpose Room

BIOGRAPHY

Dr. Hakeem Oluseyi serves as an Astrophysicist and the Space Sciences Education Lead for the Science Mission Directorate at NASA Headquarters. He also holds the title of Distinguished Research Professor of Physics & Space Sciences at the Florida Institute of Technology. Dr. Oluseyi is an internationally recognized astrophysicist, educator, inventor, author, humanitarian, and TV personality. He's made research contributions across diverse fields including astrophysics, cosmology, semiconductors, astronomical detectors and instruments, time-domain informatics, ion propulsion, and science education. He's authored more than 70 scholarly articles, six books, and is the inventor of seven US patents and four EU patents. He's supervised 10 PhD degrees, 33 Masters degrees, and a host of undergraduate researchers. Dr. Oluseyi is a renowned science communicator who currently hosts several shows on the Science Channel including *Outrageous Acts of Science* and *How the Universe Works*. He has made numerous appearances as an expert on CNN, MSNBC, ABC News, NBC News, HBO, Fox News, and more. He's worked tirelessly over two decades to improve lives through extending educational and scientific opportunities and fostering understanding between people. To achieve these goals, he's partnered with the U.S. government and its agencies, foreign governments, national laboratories, philanthropic organizations, non-governmental organizations, private companies, and foundations. He has received several honors including selections as an MIT Faculty Fellow, TED Fellow, NASA faculty fellow, and induction into the National Black College Alumni Hall of Fame.

Research Week 2018 Speakers: Exploring New Frontiers

As part of this year's Research Week, researchers and faculty will share how they are pushing the boundaries of knowledge by creating new frontiers in their fields. The speakers will give an engaging TED-style talk. The goal of this activity is to inspire and to ultimately foster new collaborations and investigations, advance knowledge and pose problems whose solutions are beyond the scope of a single discipline.

ACTIVITIES IN DETAIL

WEDNESDAY, APRIL 11

Research Discussion

9:00 AM - 12:00 PM **Ryoichi Sasakawa Young Leaders Fellowship Fund (SYLFF) Session**
Room 101, Annex III Graduate School

The Ryoichi Sasakawa Young Leaders Fellowship Fund (SYLFF) at Howard is designed to provide full financial support to outstanding Ph.D. students admitted to candidacy with a research concentration in international affairs and/or world peace. The program aims to identify and nurture leaders who will overcome differences such as nationality, language, ethnicity, religion, and political systems to tackle global issues, and whose high integrity and drive in addressing the issues unique to their respective countries can make a real difference. This merit-based prestigious fellowship is offered upon recommendation by the SYLFF Advisory Committee. In this session, current SYLFF fellows will present their research and talk about their experience as a SYLFF fellow.

9:00 AM - 3:00 PM **RCMI Team Science Symposium**
Multipurpose Room, Interdisciplinary Research Building

The Howard University Research Centers in Minority Institutions (RCMI) will host the 2018 Team Science Symposium during Howard University's Research Week on Wednesday, April 11, 2018. This year's symposium will focus on the development of Howard University researcher's readiness to compete for early-stage SBIR/STTR grants. In addition, the symposium will focus on connecting the Howard research community to venture capitalists, incubator communities, markets, and industries interested in partnerships to accelerate development of commercially relevant technologies.

12:30 PM - 2:30 PM **Faculty Mentoring Faculty**
Gallery Lounge, Armour J. Blackburn University Center

The Office of Faculty Development in the Office of the Provost will present a discussion on the benefits of mentoring programs in the institution. Emphasis will be placed on the mentoring relationship between junior faculty and senior faculty and also, we will examine different mentoring models or programs. Some focus will also be given to the mentoring relationship between faculty and student. The discussion will identify some of the current mentoring initiatives and best practices being undertaken at the University and will provide research on the benefits of mentoring.

3:30 PM - 5:30 PM **The Social Responsibilities of Business to People, Planet, and Profit: Highlights from the Research of School of Business Faculty**
Gallery Lounge, Armour J. Blackburn University Center

This forum will facilitate discussion of the social responsibilities of businesses to people, the planet, and profit based on the research findings of Howard University School of Business scholars and more. A panel of School of Business faculty will highlight key findings from his/her research that can be applied to businesses across industries. The panel of scholars will include the following faculty: Dr. Michael N. Ogbolu, Associate Professor Management; Dr. Anupam Kumar, Assistant Professor, Information Systems and Supply Management and Dr. Denise W. Streeter, Assistant Professor, Finance & International Business. The event will conclude with a presentation on the PhD Project. The PhD Project is an organization dedicated to increasing the diversity of business school faculty.

ACTIVITIES IN DETAIL

THURSDAY, APRIL 12

Showcasing Research & Scholarly Activities

7:30 AM **Research Symposium Registration & Continental Breakfast**
Ballroom, Armour J. Blackburn University Center

The Annual Research Symposium is the highlight of Howard University Research Week 2018. During the research symposium, students, faculty, and research staff will discuss their research findings with each other, external visitors from various federal agencies, private industry, and surrounding universities. Prizes will be awarded for winning presentations in several categories.

8:15 AM Remarks
9:30 AM Oral and Poster Presentations
12:00 PM Lunch
1:15 PM Oral and Poster Presentations
4:30 PM Closing

11:00 AM **A Celebration of Howard University ADVANCE-IT**
Multipurpose Room, Interdisciplinary Research Building

Howard University has been an NSF ADVANCE institution since 2012. This symposium celebrates HU ADVANCE-IT's impact on the careers of and climate for women in STEM at the University. Institutional indicators showing progress since 2012 will be presented as well as the areas where more work is required. A panel consisting of mini-grant recipients, experience study participants, and male champions will reflect on their participation in HU ADVANCE-IT and the benefits of the program. A networking reception follows the panel.

FRIDAY, APRIL 13

Celebrating Research at Howard University

1:00 PM **Research Poster Session II**
Multipurpose Room, Interdisciplinary Research Building

The Howard University PHAGES program student presentations.

3:00 PM **Research Awards & 2018 Women in STEM Researcher of the Year Award**
Multipurpose Room, Interdisciplinary Research Building

Announcement of 2018 Research Award Winners and the 2018 Women in STEM Researcher of the Year Award.

Howard University Research Symposium

Blackburn Center

Thursday, April 12, 2018

PROGRAM

7:30 AM - 8:30 AM **Registration & Continental Breakfast**
2nd Floor of Blackburn Center

8:30 AM - 8:50 AM **Greetings**
Anthony K. Wutoh, Ph.D., R.Ph.
Provost & Chief Academic Officer

Opening Remarks
Bruce Jones, Ph.D.
Vice President for Research

Presentations

9:00 AM - 12:00 PM	<i>Poster Presentations</i>	<i>Oral Presentations</i>
	Physical Sciences & Engineering Translational & Clinical Sciences Biological & Biomedical Sciences	Humanities Social Sciences Business Creative Arts & Design Ethics, Law & Religion Education & Outreach

12:00 PM - 1:15 PM **Lunch**

1:30 PM - 4:30 PM	<i>Poster Presentations</i>	<i>Oral Presentations</i>
	Humanities Social Sciences Business Creative Arts & Design Ethics, Law & Religion Education & Outreach	Physical Sciences & Engineering Translational & Clinical Sciences Biological & Biomedical Sciences

ORAL PRESENTATIONS

SESSION I

9:00 AM - 10:00 AM | GALLERY LOUNGE | BUSINESS

Amira Alghumgham, Graduate Student

Do the District 2012 Income Tax Policy Increase Tax Revenue? Evidence from a Regression Discontinuity Design

Hind Alnafisah, Graduate Student

Would Crude Oil Prices More Significantly Influence the Diffusion Rate of The Renewable Energy Portfolio in The United States?

Amanda Hinojosa, Junior Faculty/ Lecturer/ Instructor

Cognitive Dissonance and the Job Interview: Helpful or hurtful?

Maryam Khan, Senior Faculty

Dietary Attitude and Criteria for Food Selection Among African-American College Students

9:00 AM - 10:00 AM | FORUM | EDUCATION & OUTREACH

Joanna Jenkins, Junior Faculty/ Lecturer/ Instructor

A Qualitative Study of College Millennials' Career Preparedness to the Workforce: They Say They Are Ready

Adrienne Perkins, Undergraduate Student

The Increased Social & Educational Effect of the Internet & Social Media on the Modern College Freshman

Charles Verharen, Senior Faculty

A New Orientation Toward Howard University's Research Mission: George Washington Williams and W.E.B Du Bois on Undergraduate Research

Imani Wiltshire, Professional Student

Doing Right by Our Black Girls: How can pre-service teacher training programs challenge white feminism and promote Black womanist critical literacy?

9:00 AM - 10:00 AM | AUDITORIUM | ETHICS, LAW & RELIGION SOCIAL SCIENCES

Justin Hansford, Junior Faculty/ Lecturer/ Instructor

The First Amendment Freedom of Assembly as a Racial Project

Natalie Hopkinson, Senior Faculty

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

Karen Kolivoski, Junior Faculty/ Lecturer/ Instructor
Predictors of Attitudes Toward Legal Authorities and Satisfaction with Outcome of Their Case Among Juvenile Offenders in Residential Settings

Assya Pascalev, Senior Faculty
Ethical Considerations in the Use of Social Media for Clinical Trial Recruitment

9:00 AM - 10:00 AM | ROOM 148 | HUMANITIES

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

Asiah Cauley, Undergraduate Student
Beyond the Música: How Brazilian Hip Hop Sparked Change and Uplifted the Afro-Brazilian Voice

Kyrionna Golliday, Undergraduate Student
The Drug Epidemic in Brazil

9:00 AM - 10:00 AM | READING ROOM | SOCIAL SCIENCES

Deja Logan, Undergraduate Student
Mask On, Mask Off: Performance of American Beauty Standards among Second-Generation West African Women

Danielle Mondesir, Undergraduate Student
Chronological versus Cognitive Age: How it Impacts Criminal Justice System's Decision to Trial Low-SES Youth of Color as Adults

Judayah Murray, Undergraduate Student
Etymology in Nomenclature: Call Me By My Name

Ibrahim Onafeko, Undergraduate Student
The Vehicles of Communication: To What Extent Do They Affect Comprehension

Session II

10:15 AM - 11:15 AM | ROOM 148 | CREATIVE ARTS & DESIGN

Ravyn Cotton, Undergraduate Student
An Exploration of the Thoughts and Feelings Associated with Freehand Drawing with Colored Pencils

Mary Morris, Undergraduate Student
Breaking the Cycle: An Investigation of Drama Therapy as an Intervention on the School to Prison Pipeline and At-Risk Youth

Adanna Paul, Undergraduate Student
Bound to Post-Black: Examining and Redefining Tenets of the Post-Black Art Movement

10:15 AM - 11:15 AM | FORUM | EDUCATION & OUTREACH

Lesley Edwards-gaither, Graduate Student

An Investigation of Speech-Language Pathologists' Use of Telepractice with Culturally Diverse Populations

Churchill Ihentuge, Graduate Student

Synergistic Effects of Traditional and Simulation methods to Enhance Clinical Skills Acquisition of Medical Students at Howard University

Bernard Kwabi-addo, Senior Faculty

A Role for Gene-Environment Interaction in Health Disparities

Alexis Silva, Graduate Student

The Use of Training Modules to Increase Culture Competency for Assessment and Treatment of Speech and Language Disorders

10:15 AM - 11:15 AM | AUDITORIUM | ETHICS, LAW & RELIGION

Cecil Duffie, Staff

Where Do We Go from Here: Existence or Extinction? Exploring College & University Black Chaplaincy in the 21st Century

Brandon Greene, Professional Student

A Phenomenological Pedagogy of the Black Church Experience

Johanna Hollingsworth, Professional Student

Telemedicine and the Internet: Why Broadband Access is Key for Improving Healthcare in Rural Communities

Fleur Oke, Professional Student

From the Doctor's Office to the Palm of Your Hands: Data Privacy and Safety Issues Facing Mobile Health and Medical Apps

10:15 AM - 11:15 AM | READING ROOM | ETHICS, LAW & RELIGION

Ayana Albertini-fleurant, Undergraduate Student

Transferring the Techniques of Transpersonal Psychology to Sustainability to End Environmental Degredation

Lilah Evans, Undergraduate Student

Mental Privacy Today

Ogechi Onwuemenyi, Undergraduate Student

The Philosophy of Akhenaten: Precursor of the Ubermensch

10:15 AM - 11:15 AM | GALLERY LOUNGE | SOCIAL SCIENCES

Judy Lubin, Junior Faculty/ Lecturer/ Instructor

A Tale of Two Malcolm X Parks: How Gentrification is Shaping Green Spaces in Washington, DC

Gishawn A. Mance, Junior Faculty/ Lecturer/ Instructor

Environmental stress and socioeconomic status: Does parent and adolescent stress influence executive functioning in urban youth?

Bahiyyah Muhammad, Junior Faculty/ Lecturer/ Instructor

Policing Inside Out: Experiential Learning and Transformation Among Law Enforcement and Black Student Citizens at Howard University

Session III

11:30 AM - 12:00 PM | FORUM | ETHICS, LAW & RELIGION, SOCIAL SCIENCES

Quiana Harris, Professional Student

A Pleas to Federal Judges: Combatting Prosecutorial Misconduct in the Cliven Bundy Era

Niciah Petrovic, Graduate Student

The Vitalizing Role of Education in Islam's Prophetic Model

Marie Plaisime, Graduate Student

Redlining and Low Birthweight in Black Infants: A Systematic Review of Maternal Exposure to Residential Segregation

11:30 AM - 12:00 PM | ROOM 148 | ETHICS, LAW & RELIGION, SOCIAL SCIENCES

David Belton II, Graduate Student

Islamic Prophetic Models of Public Service for Community Building

Jasmin Goodman, Graduate Student

Doing their jobs: The persistence of women journalists in the face of danger

Vanessa Stephens, Professional Student

A Prescription to States for Comprehensive Legislative Solutions to the Opioid Crisis

11:30 AM - 12:00 PM | AUDITORIUM | SOCIAL SCIENCES

Arelia Johnson, Graduate Student

"Sister, Remember Your Name:" Male-female Relationships, Social Institutions, and Black Women in Alice Walker's The Color Purple

Faun Rockcliffe, Graduate Student

Adaptive Combinations of Academic Self-Beliefs and Approaches for Academic Success for Black Undergraduate Women

Warren Scott, Graduate Student

More than Looks: Corrected Teeth indicate Competence which translates to increased job salary

Session IV

1:15 PM - 2:15 PM | AUDITORIUM | BIOLOGICAL & BIOMEDICAL SCIENCES

Nowah Afangbedji, Graduate Student

Ceruloplasmin, Orosomuroid and Hepatocyte Growth Factor-like are Associated with Progressive Chronic Kidney Disease Stage in Patients with Sickle Cell Anemia

Megan Huizenga, Graduate Student

Age-Dependent Anti-seizure and Neuroprotective Effect of Cannabidiol in Neonatal Rats

Maria Nunez, Post Doc/Resident/Fellow/Research Associate

Trends in Socioeconomic Disparities of Hernia Presentations at Emergency Departments

Kevin Scriber, Graduate Student

*The trophic position of apple snails (*Pomacea* spp.) in native and non-native habitats*

1:15 PM - 2:15 PM | FORUM | PHYSICAL SCIENCES & ENGINEERING

Preethi Chandran, Junior Faculty/ Lecturer/ Instructor

Deconvolving single species behavior from correlation data on group dynamics

Andre Clayborne, Junior Faculty/ Lecturer/ Instructor

Understanding Nanoscale Materials using Computational Methods

Francois Ramarosan, Senior Faculty

On a character sum associated to a curve of the form $f(y)=\lambda f(x)$

Thomas A. Searles, Junior Faculty/ Lecturer/ Instructor

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

1:15 PM - 2:15 PM | READING ROOM | PHYSICAL SCIENCES & ENGINEERING

Damon Gresham-chisolm, Graduate Student
Optimization of EV Battery Thermal Management Simulations

Gulriz Kurban, Post Doc/Resident/Fellow/Research Associate
Probing Allosteric Binding Sites for the Chemokine Receptor Family using Pharmacophoric Conformers

Farinre Olasunbo, Graduate Student
Strain Effects: Properties of Deep Defects in Hexagonal Boron Nitride

1:15 PM - 2:15 PM | ROOM 148 | TRANSLATIONAL & CLINICAL SCIENCES

Nkechi Enwerem, Junior Faculty/ Lecturer/ Instructor
Momordica charantia Linn: Safety and Efficacy during Pregnancy and Lactation

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

Gbeminiyi Samuel, Post Doc/Resident/Fellow/Research Associate
Efficacy of Ledispavir-Sofosbuvir and other direct-acting antiviral therapies (DAAs) in the treatment of Chronic HCV: A retrospective study in African Americans

Session V

2:30 PM - 3:30 PM | GALLERY LOUNGE | BIOLOGICAL & BIOMEDICAL SCIENCES

Paulette Harris, Senior Faculty
Behavior of Eosinophils in The Tumor Microenvironment

Namita Kumari, Junior Faculty/ Lecturer/ Instructor
Restriction of ex vivo HIV-1 Infection in SCD Trait is Mediated by HO-1, IKB α and RNR2

Priscilla Okunji, Junior Faculty/ Lecturer/ Instructor
Racial Composition of Hospital and Myocardial Infarction: Inpatient Outcomes

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

2:30 PM - 3:30 PM | READING ROOM | BIOLOGICAL & BIOMEDICAL SCIENCES

Kortland Casselberry, Undergraduate Student
Let's Not Get Physical: Evidence for a Defense Tradeoff in a Ni-Hyperaccumulator Plant

Monique Harvey, Undergraduate Student
Authentication of Uncaria tomentosa in Herbal Supplements

Morinne Osborne, Undergraduate Student
The Authenticity of the World's Most Expensive Spice, Crocus sativus (Saffron)

Mahtab Waseem, Undergraduate Student
A Small-Molecule Compound Modulating Bacterial Biofilm Formation by Vibrio cholerae and Staphylococcus aureus

2:30 PM - 3:30 PM | FORUM | PHYSICAL SCIENCES & ENGINEERING

Irima Ajang, Undergraduate Student
Remote observations of the Lunar Sodium Corona

Laxman Dahal, Undergraduate Student
Magnetic Levitation System to Achieve Ideal Seismic Isolation

Delaney Ramalho, Undergraduate Student
Enhancing the Performance of the Wi-Fi Network of Howard University

2:30 PM - 3:30 PM | ROOM 148 | TRANSLATIONAL & CLINICAL SCIENCES

Maxwell Anderson, Graduate Student
Sleep-Disordered Breathing and Posttraumatic Stress Disorder

Ilan Layman, Professional Student
What is the impact of cephalad venous drainage on complications in neonatal venovenous ECMO?

Xionghao Lin, Post Doc/Resident/Fellow/Research Associate
Mapping Potential Binding Sites of Ebola Inhibitory Small Molecule 1E7-07 on Protein Phosphatase 1 with Protein Painting

Kwame Sarpong, Professional Student
The Impact of Clinical Pharmacogenomics on Diabetes Management Outcomes in Accra, Ghana: A Cohort Study

Session VI

3:45 PM - 4:30 PM | GALLERY LOUNGE | BIOLOGICAL & BIOMEDICAL SCIENCES

Olubukola Banmeke, Graduate Student
A Comparison of Wing Development Genes in Deformed and Asymptomatic Honey Bees

Amber Durand, Undergraduate Student
The Howard University Mid-Atlantic Megalopolis Education Module

Lourds Fernando, Graduate Student
Novel regulatory roles of 19S RP components of the 26S proteasome in C. elegans reproduction

3:45 PM - 4:30 PM | READING ROOM | PHYSICAL SCIENCES & ENGINEERING

Adewale Adepoju, Graduate Student

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

Alejandro Pardo-ramos, Graduate Student

Enhancing energy dissipation capacity of wire rope isolators

3:45 PM - 4:30 PM | FORUM | PHYSICAL SCIENCES & ENGINEERING

Tafadzwa Chigumira, Graduate Student

Microbial Reduction of Iodate for Bioremediation at the Hanford Site

Sola Famakin, Graduate Student

Investigating Seismic Energy Harvesting for Mitigation of Seismic Effects on Equipment

Sirak Mekonen, Graduate Student

Toroidal Response of Asymmetric Metasurfaces with Multiple High Q-Factor Resonances

3:45 PM - 4:30 PM | ROOM 148 | PHYSICAL SCIENCES & ENGINEERING

Kirsten Lovelace-sims, Graduate Student

Characterization of Microchip Packaging Electro-Thermal Material Properties: Quantitative Analysis of Niobium, Copper, Sapphire, and Silicon Nitride using Cyclic Voltammetry

Pheona Williams, Graduate Student

Temperature-dependent Raman Spectroscopy of Doped and Undoped Topological Insulators

Riad Yahiaoui, Post Doc/Resident/Fellow/Research Associate

Tunable optical activity in ultrathin and highly flexible terahertz metasurfaces

3:45 PM - 4:30 PM | AUDITORIUM | TRANSLATIONAL & CLINICAL SCIENCES

Alana Lelo, Graduate Student

STAG2 as a Prognostic Biomarker in Papillary Non-Muscle Invasive Urothelial Carcinoma

Adaku Ofoegbu, Graduate Student

Clinical Pharmacogenomics Testing in Opioid Use Disorder Management: A Retrospective Cohort Study

Connor Smith, Professional Student

Improved Outcomes of Patients with Gastroschisis: Advances in Surgery and Critical Care

POSTER EXHIBITION

Riham Abbas, Undergraduate Student,
Biological & Biomedical Sciences
The Race to Find TayK47

Yvonne Abbey, Graduate Student,
Translational & Clinical Sciences
*The Effect of Process and Formulation
Variables on the Synthesis of Nanoparticles
Suitable for Combination Chemotherapy*

Heran Abiye, Professional Student, Biological
& Biomedical Sciences
*Comparative analysis of PSA, T2:ERG and
PCA3 screening markers among African
American Men for Prostate Cancer Risk*

Jaquesta Adams, Undergraduate Student,
Physical Sciences & Engineering
*On the Geometry of $Si_3(NH)_3R_6$ ($R = H, CH_3$)
Clusters*

Gabby Addane, Undergraduate Student,
Physical Sciences & Engineering
Is Europa Next?

Abdulhamid Adebayo, Graduate Student,
Physical Sciences & Engineering
*Group-Query-as-a-Service with Mobile
Edge Computing for Opportunistic Radio
Frequency Spectrum Access in Wireless
Networks*

Oluwakemi Adeola, Graduate Student,
Translational & Clinical Sciences
*Assessing Nutrition Risk and Utilization of
the Nutrition Care Process in Patients with
Obesity*

Olaoluwa Adeoye, Post Doc/Resident/Fellow/
Research Associate, Translational & Clinical
Sciences
*Identification and Documentation of Adult
Malnutrition in Patients with HIV/AIDS*

Oluwatobi Aderotoye, Undergraduate
Student, Physical Sciences & Engineering
3-Zebra Trees

Ali Afsari, Post Doc/Resident/Fellow/Research
Associate, Biological & Biomedical Sciences
*HPV, HIV and male gender as major risk
factors for anal neoplastic transformation in
African Americans*

Ngozi Agwuenu, Graduate Student,
Education & Outreach
*The Effectiveness of Virtual Classrooms in
Professional Occupational Therapy Education
and Training at Colleges and Universities in
Ghana*

Asrar Ahmad, Post Doc/Resident/Fellow/
Research Associate, Biological & Biomedical
Sciences
*HIV-1 Restriction Factors TRIM, APOBEC, MX2
and RSAD2 Contribute to HIV-1 Inhibition in
Sickle Cell Disease*

Ann-marie Ako-adounvo, Graduate Student,
Translational & Clinical Sciences
*Formulation and Evaluation of Brinzolamide
Nanoparticles - in situ Gelling System
containing a combination of Efflux
Transporter Modulators.*

Ammar Al jawhar, Graduate Student,
Physical Sciences & Engineering
*Investigating Wire Rope Isolator for Seismic
Protection of Floor-Mounted Equipment in a
Low-Rise Hospital Building*

Ashley Alexander, Graduate Student,
Biological & Biomedical Sciences
*Ecomorphotypes In The Family Phocidae
(True Seals) Supported by Evidence From
Other Terrestrial and Marine Vertebrates*

Malak Alghamdi, Graduate Student,
Biological & Biomedical Sciences
*Understanding the Development, Variations
and Defects of the Muscular System in Normal
Human Embryos, Fetuses and Newborns*

Rafil Ali, Professional Student, Education &
Outreach
*Evaluation of Public Oral Health in Islamabad,
Pakistan*

Rachelle Allen-mcfarlane, Graduate Student,
Biological & Biomedical Sciences
*Inhibition of Extreme Drug-Resistance
Acinetobacter baumannii by Isolates of
Lactobacillus rhamnosus and paracasei*

Nujud Almuzaini, Graduate Student,
Biological & Biomedical Sciences
*Role of E4orf3 in Cell Cycle Progression,
Immune Response and Cell Death*

Dema Alorini, Graduate Student, Physical Sciences & Engineering
Translating Gulf Dialectical Arabic to English

Abrrar Aloufi, Graduate Student, Biological & Biomedical Sciences
Identifying Single Nucleotide Polymorphism in Vitamin D Receptor (VDR) gene that is relevant to Breast Cancer Risk in African American(AA) Women

Yahya Alqahtani, Graduate Student, Physical Sciences & Engineering
Lithium-ion batteries (LIBs)

Reham Alsabet, Graduate Student, Physical Sciences & Engineering
Performance Analysis of Cognitive Radio Enabled Internet-of-Vehicles

Amani Alshaikhi, Graduate Student, Physical Sciences & Engineering
"Distributed Blockchain-based Scheme for Securing Wireless Network Virtualization"

Ghadi Alsharif, Graduate Student, Biological & Biomedical Sciences
miRNA 144 and miRNA 451 as Biomarkers of Human Red Blood Cell Aging in African American Adults.

Areej Alyahyawi, Graduate Student, Biological & Biomedical Sciences
Single nucleotide polymorphism in the serotonin receptor 2A gene and its association with C-reactive protein in African Americans

Tatiana Ammosova, Junior Faculty/ Lecturer/ Instructor, Biological & Biomedical Sciences
Protein Phosphatase-1 as a Target for Antiviral Small Molecules against Ebola and Marburg Infections

Derrick Anderson, Professional Student, Translational & Clinical Sciences
Assessing the Correlation Between Point of Care and Laboratory INR Results

Gabrielle Anderson, Undergraduate Student, Biological & Biomedical Sciences
Discovery of Bangtan

Blake Archer, Undergraduate Student, Biological & Biomedical Sciences
Geospatial analysis of arterial disease in the Cobb Collection

Imer Arnautovic, Graduate Student, Social Sciences
A Brief Mindfulness Induction May Reduce Impersonal Moral Judgment Extremity Through Moral Decision Seriousness

Alexander Asemota, Undergraduate Student, Physical Sciences & Engineering
Experimental data analysis for determination of seismic energy dissipation of computer server frames

Rouzbeh Asghari shirvani, Graduate Student, Physical Sciences & Engineering
Extraction of Social Meaning from Natural Language Using Statistical Approaches

Hassan Ashktorab, Senior Faculty, Biological & Biomedical Sciences
Sporadic Colonic Neoplasia in IBD and Non-IBD/Noninfectious Colitis in Minority Patients

Sofiat Atoba, Undergraduate Student, Biological & Biomedical Sciences
Identifying ETR-1 as a novel player in the engulfment of physiological germline apoptotic cells

Sajith Ayyiliath meleveetil, Post Doc/ Resident/Fellow/Research Associate, Biological & Biomedical Sciences
Development of Protein Phosphatase 1 Inhibitors as Inhibitors of the Ebola Virus

Francis Badejoko, Post Doc/Resident/Fellow/ Research Associate, Translational & Clinical Sciences
Accessibility and Funding for Dental Care for Autism Spectrum Disorder Patients in the DMV Area - A Caregiver's Perspective.

Diwash Bajracharya, Undergraduate Student, Physical Sciences & Engineering
Numerical modeling for predicting failure mode in lattice transmission towers using non-linear String of Continuous Beams (SOCB) formulation

Njlaa Bakhsh, Graduate Student, Biological & Biomedical Sciences
Molecular analysis of the Qahtani and Adnanite Tribes: Tracing Ancestry and Reconstructing Migration Patterns in the Arabian Peninsula

Garima Bansal, Graduate Student, Biological & Biomedical Sciences
Clonality, Virulence and Integron Characterization of VIM Metallo- β -lactamase Producing Isolates of Acinetobacter baumannii From Washington DC Hospitals

Megan Barnes, Undergraduate Student, Social Sciences
Help Me! What Black College Students Do When Having Academic Difficulties

Michele Basden, Undergraduate Student, Biological & Biomedical Sciences
Analysis of the MFSD12 Skin Pigmentation Gene

Rosemary Bassey, Junior Faculty/ Lecturer/ Instructor, Translational & Clinical Sciences
Maternal deprivation stress induces gender-dependent alterations in resilience to chronic restraint stress in adult rats

Edward Bauer, Graduate Student, Biological & Biomedical Sciences
Comparative Analysis of Black Males vs. Black Females after Bariatric Surgery

Anjerrika Bean, Graduate Student, Social Sciences
Gender, Power, Intimate Partner Violence and the Faith-Based Community (A Theoretical Analysis of the Social Construction of Gender as it relates to Women Reporting Domestic Intimate Partner Violence to the Black Church)

Janiah Beazer, Undergraduate Student, Education & Outreach
The Effects of Math Intervention on Student Achievement

Fikru Bedada, Junior Faculty/ Lecturer/ Instructor, Biological & Biomedical Sciences
Maturation of HIPSC-CMs Using ECM Proteins and Genome Editing

Raina Bembrly, Professional Student, Translational & Clinical Sciences
Deep Phenotyping of Patients With Trichothiodystrophy or Xeroderma Pigmentosum

Milan Benn, Undergraduate Student, Social Sciences
Aesthetic Orthodontic Treatment Directly Influences Employment Judgments

Mia Blocker, Undergraduate Student, Biological & Biomedical Sciences
Lauriel-Sky

Kristodea Boadum, Graduate Student, Biological & Biomedical Sciences
Computational analysis of the disease-causing mutations in Phosphodiesterases

Ruby Boateng, Graduate Student, Biological & Biomedical Sciences
Elucidating the mRNA targets of ETR-1 utilizing RNA Immunoprecipitation coupled with deep sequencing

Nivedita Bondhu, Graduate Student, Biological & Biomedical Sciences
Potential Novel Therapeutic Targets for Trypanosoma cruzi Parasitic Infection

Imani Boykin, Undergraduate Student, Biological & Biomedical Sciences
Investigation on the Increase of Obesity in South Africa Following the Apartheid

Premjeet Brar, Post Doc/Resident/Fellow/ Research Associate, Biological & Biomedical Sciences
An assessment of the treatment of special needs adults by pediatric dentists

Hassan Brim, Junior Faculty/ Lecturer/ Instructor, Biological & Biomedical Sciences
Is Short Interval Colonoscopy at the Discretion of the Gastroenterologist?

Brianna Brower, Graduate Student, Social Sciences
The Mediating Effect of Depression on the Relationship between Trauma and Oppositional Defiant Disorder

Celeste Brown, Graduate Student, Physical Sciences & Engineering
Effect of Air Gap and Layer Thickness on Dynamic Response of Additively Manufactured Components

Danielle Brown, Undergraduate Student, Translational & Clinical Sciences
Personality traits related to exercise

Imani Brown, Staff, Translational & Clinical Sciences
Clinicians' perspectives on barriers to employment for clients enrolled in a supported employment program

Nina Brown, Undergraduate Student,
Biological & Biomedical Sciences
*The Isolation and Purification of BlueLam0831
a Bacteriophage that Infects Mycobacterium
smegmatis*

Abbi-h-gail Browne, Undergraduate Student,
Biological & Biomedical Sciences
*Cosmos: A Mycobacteriophage isolated in
Washington DC*

Marlon Brutus, Undergraduate Student,
Biological & Biomedical Sciences
*An analytical Method to Study the Effect of
Fluid Shear Rates and Media Strength on
Kinetics of Biofilm Formation*

Dwayne Bryant, Graduate Student,
Education & Outreach
*Adjusting the Scope: Exploring the use of
Periscope in Academic Instruction.*

Jeffery Bullock, Graduate Student, Biological
& Biomedical Sciences
*Structure-based Drug Discovery of Human
C-C Chemokine Receptor 4(CCR4) Ligands*

Clinton Burnside, Staff, Education &
Outreach
*Prostate cancer screening: All men may not
be equal.*

Claudia Byer-tyre, Undergraduate Student,
Social Sciences
*Support & Optimism in Relation to Depressive
Symptoms*

Naji Cameron, Undergraduate Student,
Biological & Biomedical Sciences
*Bacteriophage Research as an Undergraduate
Student*

Kinshasa Campbell, Undergraduate Student,
Creative Arts & Design
*Co-Living, A solution to
the growing housing deficit in the U.S.*

Ashley Cannon, Undergraduate Student,
Biological & Biomedical Sciences
*Protocol Development for The Collection of
Cytokines*

Marius Chukwurah, Professional Student,
Translational & Clinical Sciences
*Two Tumors, Three Decades Apart: A Rare
Case of Wilms Tumor (Nephroblastoma) and
Bladder Paraganglioma*

Alston Clark, Undergraduate Student,
Physical Sciences & Engineering
*Taking Our Breath Away: The Effects of Social
Media Usage and Breathing Quality*

Delaena Cline, Professional Student,
Biological & Biomedical Sciences
*The Development & Evolution of the Multi-
Chambered Heart in Vertebrates*

Sarah Cooke, Graduate Student, Education &
Outreach
*Culturally Responsive Assessment Practices
for Underrepresented Gifted Populations*

Aisha Crowley-hall, Graduate Student,
Education & Outreach
*An Exploratory Study: Teachers' Decision
Making Process to Apply Sensory-Based
Interventions in Mainstream Classrooms*

Jarrett Cunningham, Undergraduate
Student, Physical Sciences & Engineering
*Detecting Heart Rate from Microscopic
Movements Abstract*

Elbethel Damtae, Graduate Student, Physical
Sciences & Engineering
*A Microfluidic Approach for the Analysis of
Small-Molecule Compounds Modulating
Bacterial Biofilm Formation*

Mercy Daniel-aguebor, Undergraduate
Student, Physical Sciences & Engineering
*Physics of Failure for Reliability of Power
Electronics - Impedance Spectroscopy*

Mercy Daniel-aguebor, Undergraduate
Student, Physical Sciences & Engineering
*Control Strategies of Optimization for
Renewable Energy Sources on a Scale*

Kadijah Dansby, Staff, Biological &
Biomedical Sciences
*Towards the Creation and Characterization of
an Effective Prophylactic Zika Vaccine*

Philippe Darius, Post Doc/Resident/Fellow/
Research Associate, Biological & Biomedical
Sciences
*Sexually Dimorphic Ethanol
Consumption and Behavior Among P Rats*

Jasmine Davis, Undergraduate Student,
Creative Arts & Design
*Of Zannis and Zip Coons: The Effects of
Commedia dell'arte and Minstrelsy on
Theatre and Performance*

Aktiv Dawson, Graduate Student, Social Sciences
"Like animals, they lock us in cages!": Portrayals of the Criminal Justice System in Southern Gangsta Rap

Kendra Delaine, Graduate Student, Education & Outreach
Contextualizing Achievement Goal Theory: A Narrative Review of the Interrelationships among Microaggressions, Competence Perceptions, and Goal Orientations for African Americans in Undergraduate STEM Programs

Don Delker, Senior Faculty, Biological & Biomedical Sciences
Clinical and molecular genetic characteristics of Sessile Serrated Adenomas and Polyps

Emanuel Demissie, Undergraduate Student, Biological & Biomedical Sciences
Identifying Single Nucleotide Polymorphisms (SNPs) in the SIRT1 Gene and its Potential Role in the Inflammatory Response

Sydney Dixon, Undergraduate Student, Biological & Biomedical Sciences
Assessment of Bacteriophages, Extraction, and DNA Sequencing of MaryLola

Dameel Edwards, Professional Student, Biological & Biomedical Sciences
Exploring the Role of Nkx2.5 & Islet1 during Development of Cardiopharyngeal Mesoderm

Shuhab Elhag, Undergraduate Student, Biological & Biomedical Sciences
The Future Implications of Bacteriophage Research on Global Crisis Agenda: Discovery of Exodus-0, a Bacteriophage Isolated from the Campus of Howard University Utilizing Bacterial Host Mycobacterium smegmatis MC 2155

Gabrielle Emilien, Undergraduate Student, Education & Outreach
The Impact of Dual Language Pedagogy on Student Learning in Mathematics

Shalom Entner, Undergraduate Student, Biological & Biomedical Sciences
Isolation of Phage Umami, a Mycobacteriophage Discovered on the Campus of Howard University

Canice Enyiaka, Graduate Student, Social Sciences
Faith and the Future of Sustainable Peace in Nigeria

Otega Esegine, Professional Student, Translational & Clinical Sciences
Rare Cases of Solitary Axillary Lymph Nodule

Behailu Eshetea, Graduate Student, Biological & Biomedical Sciences
Non- Culture Based Approach for Taxonomic and Resistome Profiling of 'Kitfo', an Ethiopian Beef Steak Tartar

Tamara Evans, Post Doc/Resident/Fellow/ Research Associate, Translational & Clinical Sciences
Incisal Buttons Deterred the Deleterious Effects of Nail Biting

Hope Ezemobi, Undergraduate Student, Biological & Biomedical Sciences
Evaluating the Efficacy of Tilia americana and Convolvulus spp. (bindweed) Extracts on the growth of Multiresistant Bacteria

Haley Ferguson, Undergraduate Student, Social Sciences
Guardian Willingness to Access Child and Adolescent Care in Ibadan, Nigeria

Tajahane Francis, Undergraduate Student, Biological & Biomedical Sciences
Isolating Phage FEST, a Virus that Infects Mycobacterium smegmatis

Kelly Garrett, Undergraduate Student, Social Sciences
Examining Stressful Life Events, Socioeconomic Status, and Anxiety Among Urban Adolescents

Hamid Ghasemi, Graduate Student, Physical Sciences & Engineering
Atomistic insight into corrosion of metals coated with graphene

Naveen Ghuman, Professional Student, Translational & Clinical Sciences
Acute Sigmoid Diverticulitis: Overview of Imaging, Classifications and Controversies

Honesti Gittens, Undergraduate Student, Physical Sciences & Engineering
Science, Technology, Engineering and Mathematics in the African World: Shared Heritages and Contemporary Lessons

Kenya Goods, Graduate Student, Social Sciences
Investigating the Impact of W.E.B Du Bois' Initial Expectations for the Talented Tenth Among Black Millennials

Kirstie Grant, Graduate Student, Biological & Biomedical Sciences

Investigation of sexual systems associated with species of the genus Rumex using compared reconstructed molecular phylogenies

Natasha Graves, Undergraduate Student, Social Sciences

The New Studio: The Application of a Field Studio in a Disadvantaged Community

Kiyana Grimes, Undergraduate Student, Social Sciences

Globalization of South Africa's Economy

Madiha Gul, Graduate Student, Physical Sciences & Engineering

Pipelined Joint Crosstalk Aware Burst Error Fault Tolerance Mechanism for Reliable on-Chip Communication

Nicholas Guthrie, Professional Student, Biological & Biomedical Sciences

Presence of Rib Notching as an indicator of Cardiovascular Disease in Skeletal samples

Naomi Haddock, Undergraduate Student, Biological & Biomedical Sciences

Role of Allograft Inflammatory Factor-1 in Directing Inflammatory Responses of Macrophages to Leishmaniasis Infection

Sajela Harlow, Undergraduate Student, Education & Outreach

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

Trey Hawkins, Undergraduate Student, Education & Outreach

Exploring Pedagogical Possibilities for Transformative Approaches to Academic Literacies in Undergraduate Mathematics through Semantic Profiling: A South African Case Study

Cyerra Haywood, Undergraduate Student, Humanities

From Cleopatra to Olivia Pope: Your Majesty to Your Mistress

Thomas Heinbockel, Senior Faculty, Education & Outreach

Building neurons and the brain: Explaining the structure and function of nerve cells and the brain to elementary school children at St Paul's School

Rukia Henry, Undergraduate Student, Biological & Biomedical Sciences

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

Quinlyn Highsmith, Undergraduate Student, Biological & Biomedical Sciences

Isolation and Sequencing of Mycobacteriophage Mecca

Nile Hodges, Undergraduate Student, Biological & Biomedical Sciences

Documenting and identifying invasive snails in the Hawaiian Archipelago

Kaila Holloway, Undergraduate Student, Physical Sciences & Engineering

Synthesis and Characterization of Bovine Serum Albumin (BSA) Conjugated Silver Phosphate Nanoparticles Encapsulated Hydrogel

Nikeshia Holt, Graduate Student, Education & Outreach

'Teacher-proofing' the Classroom: A Mediation Model Towards Increased Math Performance Through Student Control Techniques

Dilbi Hussein, Graduate Student, Translational & Clinical Sciences

Targeting HIV-associated inflammation with small molecules

Ifeanyi Ifeduba, Graduate Student, Physical Sciences & Engineering

Study of the Thermoelectric Properties of Cobaltite Systems that contains various amount of Rare-Earth Element Ions and Transition Metal Ions

Esohe Irabor, Graduate Student, Biological & Biomedical Sciences

More the Meets the Eye: Tracing Ancestry, Demography, and Population Substructure in South Carolina

Kareem Ishmail, Graduate Student, Education & Outreach

Social-Emotional Learning in Racial and Ethnic Minority Youth

Andrey Ivanov, Post Doc/Resident/Fellow/ Research Associate, Biological & Biomedical Sciences

Ebola Virus Nuclear Capsid Protein (NP) Binds Host Protein Phosphatase 1

Latifa Jackson, Post Doc/Resident/Fellow/
Research Associate, Biological & Biomedical
Sciences
*Epigenetic manifestations of slavery-
associated trauma and chronic
institutionalized racism*

Marcy Jagdeo, Graduate Student, Social
Sciences
*Managing Migration in the Age of
Globalization*

Aida Jaldi, Graduate Student, Biological &
Biomedical Sciences
*Effects of Metformin in Combination with
Voluntary Exercise in a Female Transgenic
Mouse Model of Alzheimer's Disease*

Denise Johnson, Undergraduate Student,
Social Sciences
*Afrofuturism in Reality?: Capitalism,
Globalism, and the Future of Technological
Advancements in Africa*

Ke Vaughn Johnson, Undergraduate Student,
Physical Sciences & Engineering
*Raman Spectroscopy of Bi₂Se₃: Lineshape
Analysis*

Omri Johnson, Undergraduate Student,
Social Sciences
*Relationship between Adverse Childhood
Experiences and Environmental Mastery*

Alexis Jones, Undergraduate Student,
Physical Sciences & Engineering
*Design, Construction and Analysis of Low
Speed Open-Loop Blow-Down Weather
Tunnel Optimized for Hover Performance
Testing of Nano Quadcopters*

Whitney Jones, Professional Student,
Biological & Biomedical Sciences
*Influence of genetic variation in SNP
rs2854464 within the ACVR1B gene on
muscle strength in Caucasian cohorts*

Parnika Kadam, Graduate Student, Biological
& Biomedical Sciences
*Disruption of a Short Open Reading Frame
(sORF) In The mRNA 5' Leader Sequence (5'LS)
of the Type 1 Angiotensin Receptor (AT1R)
Increases Angiotensin II (Ang II)-Induced AT1R
Internalization and Signaling through the
Extracellular Signal-Regulated Kinases*

Youness Karodeh, Senior Faculty, Education
& Outreach
*Importance of leadership skills among
pharmacy students; a review of the PILS
Program*

Arshdeep Kaur, Graduate Student, Social
Sciences
*Quality of Life, Patient Satisfaction, and
Psychological Distress in Women with
Hormone Receptor Positive (HR+) Breast
Cancer*

Grace Kenlaw, Undergraduate Student,
Physical Sciences & Engineering
*An Analysis of the Correlation between
Electron Temperature and Geomagnetic
Activity in the Plasma Sheet Associated
with the Magnetotail of the Earth's
Magnetosphere*

Daniel Koennemann, Graduate Student,
Biological & Biomedical Sciences
*Trees, Traffic, and Health: An Analysis of
Aerial Particulate Matter on Four Streets in
Washington DC*

Dinara Konakbayeva, Graduate Student,
Physical Sciences & Engineering
*Protein Enrichment of Oat Flour via Dry
Electrostatic Separation*

Amol Kulkarni, Junior Faculty/ Lecturer/
Instructor, Translational & Clinical Sciences
*Design, Synthesis and Biological Screening of
NOX4 Inhibitors*

Erika Ladd, Undergraduate Student,
Education & Outreach
*The Benefits of Music on Second Language
Acquisition*

Camryn Lam, Undergraduate Student,
Biological & Biomedical Sciences
*Isolation and Characterization of
Mycobacteriophage CamL*

Jhevanae Langley, Undergraduate Student,
Biological & Biomedical Sciences
Characterization of the Bacteriophage Imani

Arden Leblanc, Undergraduate Student,
Biological & Biomedical Sciences
The Characterization of Phage NEDRA12

Lakai Legg, Undergraduate Student,
Biological & Biomedical Sciences
*Utilizing CRISPR/Cas9 genome editing system as a tool to generate exon-specific GFP-tagged *etr-1* strains for investigation of novel roles of *ETR-1* in *C. elegans**

Elton Levingston, Graduate Student, Social Sciences
Evaluating the Effects of Race and Class in Law Enforcement Policy Change in Ferguson, Missouri

Lucy Lim, Junior Faculty/ Lecturer/ Instructor, Business
Have Second-Tier Auditors Impacted Auditor Concentration? Analysis of Changes from 2002 to 2014

Najjah Lindsey, Undergraduate Student, Biological & Biomedical Sciences
The Life of Kahirah: Phage Discovery, Purification and Characterization

Katherine Lloyd, Graduate Student, Education & Outreach
Impact of Embedding Professional Political Engagement Activities and Service Learning in Curriculum on Student Knowledge and Attitudes

Felicia Long, Undergraduate Student, Physical Sciences & Engineering
Nano Multi-Copter Frame Design for Hover Optimization

Briana Louis, Undergraduate Student, Biological & Biomedical Sciences
Bacteriophage Isolation, Purification, and Analyzation : Charge21

Haley Lowe, Undergraduate Student, Biological & Biomedical Sciences
Radioactive Iodine Bioremediation

Courtney Lynch, Graduate Student, Social Sciences
Modifying Juvenile and Criminal Justice Programs to the Unique Needs

Ebonee Major, Undergraduate Student, Biological & Biomedical Sciences
Analyzing Bacteriophage 'Basquiat'

Mohammed Malhani, Graduate Student, Translational & Clinical Sciences
Impact of the HITECH Act's Incentive Program on the Adoption of Drug-Drug Interaction Alerts and Electronic Prescribing in the Ambulatory Care Setting

Leelanee Malin, Junior Faculty/ Lecturer/ Instructor, Business
The OJ Effect: A case study on the intersection of race, activism and the business of sport

Marina Markous, Undergraduate Student, Physical Sciences & Engineering
Characterization of Graphene Grown by HFCVD on Silicon Carbide

Chloe Martin, Graduate Student, Social Sciences
Help-Seeking and Self-Efficacy in Black Female Students at Historically Black Colleges and Universities

Abdullah Mashraqi, Graduate Student, Biological & Biomedical Sciences
Antimicrobial Activities Associated with Lactic Acid Bacteria in Laban and Greek Yogurt

Eva Mayanja, Undergraduate Student, Translational & Clinical Sciences
Adverse Childhood Experiences and Decreased Self-Acceptance

Bryttany Mcclendon-weary, Undergraduate Student, Biological & Biomedical Sciences
Exploring SLC24A3 Association with Salt-Sensitivity in Various Populations

Zion Mccoy, Undergraduate Student, Biological & Biomedical Sciences
Characterization of Mycobacteriophage RoliPoli

Jamiela McDonnough, Graduate Student, Biological & Biomedical Sciences
Pediatric foreign body ingestion and aspiration trends and burden on United States Emergency Departments between 2006 and 2014

Alexia Moore, Undergraduate Student, Physical Sciences & Engineering
Raman and surface enhanced raman spectra analysis of 2-amino-3-chloro-1,4-naphthoquinone and derivatives

Madison Moore, Graduate Student, Biological & Biomedical Sciences
The Role of Adenovirus Type 5 E4orf 1 gene in inducing genome content >G2/M Via Rac1 P13Kinase and NFkB manipulation

Giovani Mowatt, Graduate Student, Translational & Clinical Sciences
Nutrition-related Knowledge Deficit in Patients with Chronic Kidney Disease

Nwerebuaku Mpi, Undergraduate Student,
Biological & Biomedical Sciences
*The Verification of Hawaiian Rumex
Reproductive System*

Abdullah Muhammad, Undergraduate
Student, Business
The Future of Energy Production

Eric Muhati, Graduate Student, Physical
Sciences & Engineering
Adaptive Security Through AutomotivePots

Kulsoom Naqvi, Professional Student,
Biological & Biomedical Sciences
*Development of an EGFR and EGFRvIII-
targeted Recombinant Immunotoxin for
Cancer Treatment*

Vishal Nathan, Undergraduate Student,
Biological & Biomedical Sciences
*Phage Nathani: a bacteriophage isolated
from the campus of Howard University*

Victoria Nguyen, Undergraduate Student,
Biological & Biomedical Sciences
*Characterization of a homozygous viable
proteasome mutant, rpn-12(av93), in C.
elegans*

Zarish Noreen, Post Doc/Resident/Fellow/
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Sciences
*Status of ARNT and CYP2D6 gene in
relation to Metabolic Dysfunction and
Neurobehavioral Disease in Pakistani
Participants: A quick look*

Ugonna Nwannunu, Undergraduate
Student, Biological & Biomedical Sciences
*Exploration of bacterial DNA from New York
African Burial Ground soil samples*

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Translational & Clinical Sciences
*Determining characteristics of patients
influenced by direct-to-consumer-advertising
(DTCA)*

Janet Nwokolo-aniekwu, Undergraduate
Student, Biological & Biomedical Sciences
*Inhibiting amyloid fibril formation using
phenothiazine derivatives to stabilize an
immunoglobulin light chain variable domain*

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*Paying it Forward: The Reciprocal Effect of
Service Quality on Charity at Checkout*

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*The Isolation, Purification and
Characterization of Phage Oleum*

Jason Ogato, Undergraduate Student,
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Supervised Classification of Cancer Groups

Eric Ogharandukun, Graduate Student,
Biological & Biomedical Sciences
Self-Interactions of a virus glycan shield

Blessing Ogunlade, Graduate Student,
Biological & Biomedical Sciences
*Fascin-1 interacts with Angiotensin
Converting Enzyme 2 and modulates its
enzymatic activity*

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Clinical Sciences
*Rare Case of Prostate Abscess in a Patient
After Brachytherapy*

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*A Brighter Future: How light pollution
influences the attraction or repulsion of
arthropods*

Boluwatito Oladeinde, Undergraduate
Student, Biological & Biomedical Sciences
*Journey of Characterizing Cluster B
Mycobacteriophage Omniscent*

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Student, Biological & Biomedical Sciences
*Evaluating the Activity of Community
31 Bacteria from the Hanford Site in the
Bioremediation of Iodate.*

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& Biomedical Sciences
*Nisin enhances uptake of RNA-DNA Hybrids
in Breast Cancer Cells*

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*Exposure to Interventional Radiology
Techniques at a University Clinical Simulation
Center*

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

Charity Onwuchekwa, Undergraduate Student, Biological & Biomedical Sciences
Phage Naija

Shyan Organ, Undergraduate Student, Biological & Biomedical Sciences
Detection and analysis of bacterial DNA from New York African Burial Ground soil samples to confirm causes of premature death

Adjoa Osei-ntansah, Undergraduate Student, Biological & Biomedical Sciences
Mycobacterium Smegmatis: The Discovery of Phage Koj

Esther Otu, Undergraduate Student, Physical Sciences & Engineering
Understanding bioaerosols in the atmosphere and their effects on human health in northern Ethiopia

Ositanachi Otugo, Undergraduate Student, Physical Sciences & Engineering
Is Europa Next?

Abdul-basit Oyefeso, Undergraduate Student, Biological & Biomedical Sciences
Isolation, Purification, and Characterization of Phage Demon

Salik Parwez, Graduate Student, Physical Sciences & Engineering
Resource Allocation in Virtualized Wireless Network with Mobile Edge Computing

Dhruba Paudel, Undergraduate Student, Physical Sciences & Engineering
Solubility Increase of Chlorinated Organics Using Cosolvents with Application to Site Remediation

Jerusha Perry, Undergraduate Student, Biological & Biomedical Sciences
Characterization of Mycobacteriophage Jerusha

Adrienne Perry, DDS, Post Doc/Resident/Fellow/Research Associate, Translational & Clinical Sciences
Malaligned Teeth Affect on Hiring Prospects and Higher Education Admissions

Melisa Philogene, Undergraduate Student, Biological & Biomedical Sciences
Evidence of contemporary diffusion of hemoglobin C gene in Ghana arising from regional North-South migration

Jessica Pinchinat, Professional Student, Biological & Biomedical Sciences
Evaluating Factors Associated with Interest in Healthcare or STEM Professions Among Rising 9th and 10th Graders

Serita Poindexter Pettegrue, Graduate Student, Education & Outreach
Health Communication, Diabetes, and African American Women: A Systematic Review

Samantha Powers, Junior Faculty/ Lecturer/ Instructor, Social Sciences
Burnout and Emotional Communication in the Practice of Law

Marchelle Putney, Junior Faculty/ Lecturer/ Instructor, Education & Outreach
The Perspective of Post Secondary Education Transition Planning and Occupational Therapy Among Persons Diagnosed with Several Disabilities

Hamza Raja, Professional Student, Translational & Clinical Sciences
Patient Related Limitations of Computed Tomography Angiography for Pulmonary Embolism Diagnosis

Rakib Rayhan, Graduate Student, Biological & Biomedical Sciences
Exercise challenge in Gulf War Illness alters task-related dynamics within the Default Mode Network.

Imari Red-bingley, Undergraduate Student, Education & Outreach
Using the Results of Cognitive Labs to Improve Students' Performance in Mathematics

Sierra Reese, Undergraduate Student, Biological & Biomedical Sciences
Identifying Sierra the Phage

Nicole Retland Moreland, Graduate Student, Translational & Clinical Sciences
Human 5HTR-2A gene implicated in Breast Cancer: An In silico Analysis of Genetic Variation

Raina Rhoades, Graduate Student, Biological & Biomedical Sciences
Analysis of Rare Mutations in the Regulatory Regions of DISC1 Pathway Genes

Zakiyah Riddick, Undergraduate Student, Education & Outreach
Benefits of Implementing Engineering in Math

David Roberts, Post Doc/Resident/Fellow/
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Engineering
*Singlet Oxygen Chemistry and the Search for
a Low-Cost Pathway to an Anti-Malaria Drug*

Briana Robinson, Graduate Student,
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*The Effects of Video-Based Cooking and Meal
Preparation on Self-Efficacy Type II Among
African Americans with Diabetes*

Chloe Robinson, Undergraduate Student,
Biological & Biomedical Sciences
The Life of Phage ChloKe

Anupam Roy, Undergraduate Student, Ethics,
Law & Religion
*Saving What Never Was: Legal Frameworks
for Protecting Indigenous Land in the
Chittagong Hill Tracts from Further
Appropriation*

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Biomedical Sciences
*Reduced Migration of HIV-positive
Macrophages Associated with Increased
Neutrophil Infiltration*

Forough Saadatmand, Senior Faculty,
Biological & Biomedical Sciences
*Gender Differences in Buccal Telomere
Length and Exposure to Violence among
African American Young Adults*

Noor Saeed, Graduate Student, Translational
& Clinical Sciences
*A Cross Sectional Study of the Factors that
Affect Therapy Adherence in Children with
Attention Deficit Disorder/ Attention Deficit/
Hyperactivity Disorder*

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Student, Ethics, Law & Religion
Women in Islam Reclaiming Their Religion

Aadarsh jung Shah, Undergraduate Student,
Physical Sciences & Engineering
*Hexavalent Chromium Reduction by Zero
Valent Iron in the Presence and Absence of
TCE and CCl4*

Afnan Shakoori, Graduate Student, Biological
& Biomedical Sciences
*In silico Analysis of Single Nucleotide
Polymorphisms in Human 5HT7 Gene that
Potentially Implicated in Breast Cancer in
African American Women*

Samara Silver, Undergraduate Student,
Biological & Biomedical Sciences
Discovery of the Bacteriophage Samaymay

Jyothirmai Simhadri, Post Doc/Resident/
Fellow/Research Associate, Physical Sciences
& Engineering
*Development of Shewanella Oneidensis MR-1
Biofilms for Iodate Reduction in Groundwater*

Jamaica Simmons, Undergraduate Student,
Biological & Biomedical Sciences
Characterization of JamaicaS Phage

Sigmund Skinner, Undergraduate Student,
Physical Sciences & Engineering
*Developing an Integrated Materials Design
Paradigm using Artificial Intelligence*

Ronald Smith, Professional Student,
Education & Outreach
*A Survey of Students' Opinion of Job and
Residency Opportunities Upon Graduation*

Ajani Smith-washington, Undergraduate
Student, Physical Sciences & Engineering
*Analysis of Low SNR Data from LADEE
Spacecraft UVS-VIS Spectrometer for
Chemical Species in the Lunar Exosphere*

Adebiyi Sobitan, Graduate Student,
Biological & Biomedical Sciences
*Machine learning approaches for post-translational
modification site prediction*

Eduardo Somoza, Professional Student,
Translational & Clinical Sciences
*Characteristic Findings on Transvaginal
Ultrasound in Different Presentations of
Ectopic Pregnancy*

Alexander Song, Professional Student,
Translational & Clinical Sciences
*Biomedical Technology and Design:
Educating Medical Students*

Simran Soni, Professional Student, Biological
& Biomedical Sciences
*Urinary Oroscomuicoid Concentration
Correlates with Chronic Kidney Disease in
Sickle Cell Disease Patients*

Abiel Spencer, Undergraduate Student,
Biological & Biomedical Sciences
*Alderia willowi Larval Responses to Hormonal
Stimuli*

Tara Spencer, Undergraduate Student,
Biological & Biomedical Sciences
Detection of adenovirus in the midgut and salivary gland microbiota of Anopheles arabiensis

Lindsey Squirewell, Undergraduate Student,
Creative Arts & Design
Effects of Environmental Racism: The Food Desert Dilemma

Dominique Stephens, Graduate Student,
Biological & Biomedical Sciences
The trafficking and exocytosis behavior of MMP-9 during PMA-induction in MCF-7 breast cancer cells

Sydney Stephens, Undergraduate Student,
Biological & Biomedical Sciences
Understanding LittleRed

Jeva Sftorf, Graduate Student, Social Sciences
Personality Assessment for College Students Path to Company Fit and Satisfaction

Tamara Sullivan, Undergraduate Student,
Biological & Biomedical Sciences
Screening Bacterial Isolates for Iodine Transformation Abilities

Shirin Sultana, Graduate Student, Social Sciences
Stigma and Women Living with HIV/AIDS in Bangladesh: A Double Burden of Disease and Disparity

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

Delaram Taghipour, Post Doc/Resident/
Fellow/Research Associate, Translational & Clinical Sciences
The Impact of Age on Septic Shock and Multiple Organ Failure

Shaolei Teng, Junior Faculty/ Lecturer/
Instructor, Biological & Biomedical Sciences
A Random Forest Approach for Predicting Protein Stability upon Missense Mutations

Sterlyn Termine, Undergraduate Student,
Biological & Biomedical Sciences
Isolation, Purification and Characterization of Phage Termine

Laurie Thomas, Undergraduate Student,
Biological & Biomedical Sciences
Characterization of Prostate-Associated Microsminoprotein (MSMP) in Prostate Cancer

Zack Thomas, Undergraduate Student,
Biological & Biomedical Sciences
Characterization of the Zacknotzachary Phage

Linda Thompson, Junior Faculty/ Lecturer/
Instructor, Education & Outreach
Assessing Food Insecurity Among Students at a HBCU and Its Relationship to Fruit and Vegetable Intake and Overweight/Obesity

Sage Timberline, Graduate Student,
Biological & Biomedical Sciences
Angioedema: Rare Side Effect of Hydrochlorothiazide and Triamterene Treatment

Eyrie Toliver, Undergraduate Student,
Biological & Biomedical Sciences
The Journey Of A Phage

Viet Tran, Undergraduate Student, Physical Sciences & Engineering
Fano-fitting for extraction of Q-factor of Planar Terahertz Metamaterials

Nancy Trang, Professional Student, Physical Sciences & Engineering
Controlled Biomimetic Remineralization for Enamel Repair

Tsang-wei Tu, Junior Faculty/ Lecturer/
Instructor, Biological & Biomedical Sciences
On the detection of metabolic disorders in experimental TBI by glucoCEST weighted MRI

Safaa Turkistani, Graduate Student,
Translational & Clinical Sciences
Determination of a miRNA Signature in Triple Negative Breast Cancer African American Women from Howard University Hospital in Comparison to Non-Hispanic White Triple Negative Breast Cancer Patients

Ikemefuna Uba, Graduate Student, Physical Sciences & Engineering
"Complex Impedance-based Reliability Monitoring and Modeling of In-operation GaN Transistors"

Delecia Utley, Undergraduate Student,
Biological & Biomedical Sciences
Sex Determination and Resource Allocation in Dioecious Rumex acetosa and Related Species

Nancy Varice, Undergraduate Student,
Biological & Biomedical Sciences
*Methodology of DNA extraction and
quantification of post-colonial New York
African Burial Ground soil samples*

Glenn Vaulx III, Undergraduate Student,
Creative Arts & Design
*The Use of Art and Design to Positively
Impact the Perceptions and Environment of
Black Neighborhoods*

Camille Wallace, Undergraduate Student,
Physical Sciences & Engineering
*Atomistic insight into mechanical properties
of nanocarbon-filled polymer composites*

Nina Wallace, Undergraduate Student,
Biological & Biomedical Sciences
*Analysis of transigrations in and out of
the Arabian Peninsula: Impact on genetic
diversity of the Arabs*

Willis Walter, Undergraduate Student,
Physical Sciences & Engineering
*Evaluating Usafiri Dar Es Salaam Rapid
Transit*

Alanna Walton, Undergraduate Student,
Physical Sciences & Engineering
The Science of Curl Detection

Shengfeng Wan, Post Doc/Resident/Fellow/
Research Associate, Biological & Biomedical
Sciences
*Generation of a mammalian cell-specific
growth-restricted Zika virus: a novel vaccine
approach*

Simon Wang, Senior Faculty, Physical
Sciences & Engineering
*Artificial Intelligence to Improve Scoring
Functions for Structure-based Drug Discovery*

Ze-jun Wang, Junior Faculty/ Lecturer/
Instructor, Biological & Biomedical Sciences
*GABAergic and Dopaminergic Synaptic
Transmission Display Similar Regulation of
Mitral Cell Activity in the Olfactory Bulb*

Jean Wells, Senior Faculty, Business
*Did Federal Income Tax Laws Promote
Segregation in Education? A Historical
Review: 1954-1983*

Mya Wells, Undergraduate Student,
Biological & Biomedical Sciences
Collecting, Isolating, and Purifying Bacteriophage Myadw

Whitney White, Undergraduate Student,
Biological & Biomedical Sciences
Root Foraging Behavior in Serpentine Plants

Jonathan Willard, Undergraduate Student,
Biological & Biomedical Sciences
*Sequencing Text Analytics Tool (STAT): Big
Data Analytical Tool to Recover Genomic Data
from Historic African Americans*

Candace Williams, Undergraduate Student,
Physical Sciences & Engineering
*Safe Space: Using Gamification to Provide
Medical Recommendations for Sickle Cell
Patients in Preadolescence*

Lucretia Williams, Undergraduate Student,
Physical Sciences & Engineering
*Datamining Uncomfortable Conversations
on Social Media: Investigation of
Microaggressions in Tweets*

Macey Williams, Undergraduate Student,
Biological & Biomedical Sciences
In-Situ Spargel Expression

Tamea Williams, Undergraduate Student,
Social Sciences
*Innovative Approach to Improving Diabetes
Self Management among Black Patients*

Tia Williams, Undergraduate Student,
Physical Sciences & Engineering
*The comparable effects of anti-gravity
in resistance training to gravity bound
resistance training*

Vanessa Williams, Undergraduate Student,
Biological & Biomedical Sciences
Bacteriophage Characterization of Quib21

Wheeler Winstead, Staff, Business
*African Youth Entrepreneurship: Dividend or
Ticking Time Bomb?*

Julia Woods, Professional Student, Biological
& Biomedical Sciences
*Novel Enaminones and their Effects on
Neurons in the Brain*

Terrell Wyche, Graduate Student, Education
& Outreach
*The Benefits of Telepsychology in School
Consultations and Interventions*

Keona Wynne, Undergraduate Student,
Biological & Biomedical Sciences
*Development of Tear Proteomics Method for Analysis of
Sickle Cell Retinopathy*

Sharah Yasharahla, Graduate Student,
Physical Sciences & Engineering
*A study of the energy capacity of lithium iron
phosphate batteries versus the addition of
varied weight percentages of graphene oxide*

Cherinet Yigrem, Graduate Student,
Biological & Biomedical Sciences
*Prevalence of multi-drug resistance
Staphylococci in vegetables and clinical
isolates in Gondar, Ethiopia*

Royyanna Young, Graduate Student, Social
Sciences
*Sentencing Disparities Among African
American Juvenile Delinquents*

Kweli Zukeri, Graduate Student, Social Sciences
*Exploring an African-centered intervention's
impact on American African high school
student Africana Attainment Heritage
Culture (AAHC), racial identity, and academic
engagement*

POSTER EXHIBITION

Friday, April 13, 2018

Opeoluwa Abiona, Undergraduate Student,
Biological & Biomedical Sciences
Finding Razza: The Journey

Ashley Achonye, Undergraduate Student,
Biological & Biomedical Sciences
*The Isolation and Purification of Phage
Babatunde using Mycobacterium smegmatis*

Comfort Adegbeye, Undergraduate Student,
Biological & Biomedical Sciences
*Isolation and Purification of
Actinobacteriophage Kenji8*

Ifeoluwakiiisi Adejoorin, Undergraduate
Student, Biological & Biomedical Sciences
*Isolation and Characterization of Phage
Ifeoluwakiiisi*

Beloved Adenuga, Undergraduate Student,
Biological & Biomedical Sciences
The Discovery of Bacteriophage Bell07

Alexandria Adigun, Undergraduate Student,
Biological & Biomedical Sciences
The Characterization of Phage Adigun

Joy Adigwe, Undergraduate Student,
Biological & Biomedical Sciences
Understanding The BabyBlue Phage

Tosin Aluko, Undergraduate Student,
Biological & Biomedical Sciences
*Isolating and
Characterizing Aluko1021*

Aliyah Anderson, Undergraduate Student,
Biological & Biomedical Sciences
*Isolation and Characterization of
Bacteriophage KillBill*

Danielle Britt, Undergraduate Student,
Biological & Biomedical Sciences
*Bacteriophage Research as an Undergraduate
Student: Finding Ammo the Phage*

Jordyn Britton, Undergraduate Student,
Biological & Biomedical Sciences
Jordyn1999 Bacteriophage Research

Cynymon Colebrook, Undergraduate
Student, Biological & Biomedical Sciences
Bacteriophages

Aniya Crocker, Undergraduate Student,
Biological & Biomedical Sciences
*The Characterization of Bacteriophage Elusiva
to Infect Bacterial Host Mycobacterium
Smegmatis*

Chance Davenport-mills, Undergraduate
Student, Biological & Biomedical Sciences
Bacteriophage Discovery

Arielle Downes, Undergraduate Student,
Biological & Biomedical Sciences
*Isolating and Extracting the DNA of
Bacteriophages*

Desiree Duncan, Undergraduate Student,
Biological & Biomedical Sciences
Bacteriophage Research

Adaora Ekwunife, Undergraduate Student,
Biological & Biomedical Sciences
Just Ha;

Abimbola Falana, Undergraduate Student,
Biological & Biomedical Sciences
Observing Falana

Torian Guillory, Undergraduate Student,
Biological & Biomedical Sciences
*The Isolation and Purification of Christophori
with the Host Bacteria of Mycobacterium
Smegmatis*

Kenya Hall, Undergraduate Student,
Biological & Biomedical Sciences
*Animal
Research in the Modern Era: Productive or
Pointless?*

Thomas Heslop, Undergraduate Student,
Biological & Biomedical Sciences
*Characterizing Patterns of Phage the Phage
from Howard University, with host bacterium:
Mycobacterium smegmatis mc2 155*

Joy Howard, Undergraduate Student,
Biological & Biomedical Sciences
The Process of the bacteriophage TryAgain

Lauren Jackson, Undergraduate Student,
Biological & Biomedical Sciences
*The Extraction, Isolation, and Purification
of phage Firefly12 with the Host Bacteria of
Mycobacterium smegmatis*

Jalen Jean-baptiste, Undergraduate
Student, Biological & Biomedical Sciences
*Investigation of Bacteriophage Populations
on the Campus of Howard University*

Coralie Jean-mary, Undergraduate Student,
Biological & Biomedical Sciences
*Analyzing of Bacteriophages KodakB at
Howard University in Washington D.C*

Jenita Joe, Undergraduate Student,
Biological & Biomedical Sciences
*The Isolation and Characterization of
Chimchim Phage*

Camille King, Undergraduate Student,
Biological & Biomedical Sciences
*Isolating, Purifying and Characterizing of
Phage Amadi*

Deasia Lamar, Undergraduate Student,
Biological & Biomedical Sciences
*Isolation, Purification and characterization of
Phage Rayel*

Chioma Madu, Undergraduate Student,
Biological & Biomedical Sciences
Extraction and Characterization of Phages

Janella Maloney, Undergraduate Student,
Biological & Biomedical Sciences
*Analyzing Of Bacteriophages PrincessA at
Howard University in Washington, D.C*

Allana Matthews, Undergraduate Student,
Biological & Biomedical Sciences
Phage Isolation and Purification

Maya Mayfield, Undergraduate
Student, Biological & Biomedical
Sciences *Bacteriophage Research: Isolation,
Amplification, Genome Sequencing and Gene
Identification*

Alyssa McCall, Undergraduate Student,
Biological & Biomedical Sciences
*Assessment of Bacteriophages, Extraction,
and Purification*

Coby Mcelrath, Undergraduate Student,
Biological & Biomedical Sciences
*Effect of Mycobacterium smegmatis on
Bacteriophages*

Kyle Mells, Undergraduate Student,
Biological & Biomedical Sciences
Phages Abstract

Jes-rite Michaels, Undergraduate Student,
Biological & Biomedical Sciences
*Isolation, Purification, Amplification, Analysis,
and Characterization of Bacteriophage
Jamaina*

Kayla Moody, Undergraduate Student,
Biological & Biomedical Sciences
*Isolation, Purification, and Genome
Sequencing of Bacteriophages*

Sarai Mosby, Staff, Biological & Biomedical
Sciences
Chewing Gum and Mouth Temperature

Desiree Nwanze, Undergraduate Student,
Biological & Biomedical Sciences
*Bacteriophage Research an Undergraduate
Student: SEA-Phages: Casca*

Chidera nwamaka Nwude-jacobs,
Undergraduate Student, Biological &
Biomedical Sciences
Bacteriophage Research of DeepSoil15

Cleyuna Parrish, Undergraduate Student,
Biological & Biomedical Sciences
Evolutionary of Phages

Kimberly Pierre, Undergraduate Student,
Biological & Biomedical Sciences
*The Discovery and Characterization of
Lillileputain*

Sabrina Pierre, Undergraduate Student,
Biological & Biomedical Sciences
*Exploration of Sabrina Phage Genome
Collected from a Soil Sample on Howard
University's Campus*

Erin Pruitt, Undergraduate Student,
Biological & Biomedical Sciences
The discovery of bacteriophage 'Ford'

Twishi Puri, Undergraduate Student,
Biological & Biomedical Sciences
Isolating and analysing Twish - abstract

Cary Robinson jr., Undergraduate Student,
Biological & Biomedical Sciences
*The Journey of Discovering Bacteriophage
Disappointment*

Mischael Saint-sume, Undergraduate
Student, Biological & Biomedical Sciences
*Assessment, Isolation, and Purification of
Bacteriophage Politics*

Kambria Sanders, Undergraduate Student,
Biological & Biomedical Sciences
*Queen P's Isolation, Purification,
Amplification, Microscopy, Extraction and
Characterization Abridge*

Mykal Savage, Undergraduate Student,
Biological & Biomedical Sciences
Phage Abstract

Rajon Scott, Undergraduate Student,
Biological & Biomedical Sciences
*The Isolation, Purification, and
Characterization of Bacteriophage RazzleDazzle*

Maya Senior, Undergraduate Student,
Biological & Biomedical Sciences
Discovering Phinx

Charise Simpson, Undergraduate Student,
Biological & Biomedical Sciences
*Exploring the Life Journey of Phage
Peyton3000*

Alexander Slaughter, Undergraduate
Student, Biological & Biomedical Sciences
*Characterization of Unnetta128
Bacteriophage*

Idalis Sosa, Undergraduate Student,
Biological & Biomedical Sciences
*The Isolation and Purification of
Mycobacteriophage Steppo*

Najah Walker, Undergraduate Student,
Biological & Biomedical Sciences
*Bacteriophage Research as an Undergraduate
Student*

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Howard University ADVANCE-IT: Women of Color Faculty in STEM as Change Agents aims to develop an innovative and strategic model for institutional transformation at Howard University that increases the number of female faculty and academic leaders in the STEM disciplines. The program plans to increase diversity through education, advocacy, and empowerment while simultaneously making a significant contribution to strengthening the nation's STEM workforce. The portfolio of

activities and outcomes will also benefit other non-STEM academic areas by supporting general policies and establishing practices reflective of the University's commitment to diversity.



Georgetown-Howard Universities Center for Clinical and Translational Science

GHUCCTS is a multi-institutional consortium of medical research institutions forged from a desire to promote clinical research and translational science. The members of the GHUCCTS consortium are: Georgetown

University (GU), Howard University (HU), MedStar Health Research Institute (MHRI), Oak Ridge National Laboratory (ORNL), and the Washington Veteran's Affairs Medical Center (VAMC). Through multiple partnerships and collaborations among the member institutions, GHUCCTS is transforming clinical research and translational science in order to bring new scientific advances to health care.



*GEORGETOWN-HOWARD UNIVERSITIES CENTER
FOR CLINICAL AND TRANSLATIONAL SCIENCE*

REQUEST FOR PRE-AND POST- DOCTORAL TRAINEE APPLICATIONS IN TRANSLATIONAL BIOMEDICAL SCIENCE

Funding:

Predocutorial student stipends will follow individual PhD program levels; Postdoctoral fellow salaries will follow NIH guidelines.

When:

Pre-Applications due **Tuesday, May 1, 2018**

Final Applications due **Sunday, July 1, 2018**

Who:

Predocutorial students who have completed their qualifying exams in PhD programs at Howard or Georgetown Universities or Postdoctoral fellows who have a primary appointment at Georgetown or Howard Universities, a MedStar Institution, or the Washington DC VAMC.

Complete RFA and directions can be found on our website:

www.translationalbiomediscience.org

For questions contact Emily Bujold at tbsprogram@ghuccts.org



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