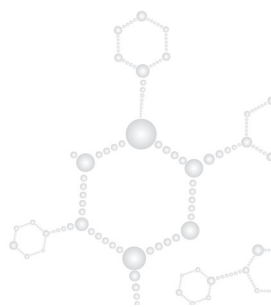


HOWARD UNIVERSITY

RESEARCH WEEK

April 8 – 12, 2019

PROGRAM BOOK



HOWARD UNIVERSITY RESEARCH WEEK 2019

ACTIVITIES AT A GLANCE

MONDAY, APRIL 8

Research Week Kickoff

10:00AM - 12:00PM

NIH 101: An Introduction to the NIH and Grant Writing Best Practices

Multipurpose Room, Interdisciplinary Research Building

10:00 AM - 12:00PM

NEH 101: An Introduction to the NEH and Grant Writing

148/150 Armour J. Blackburn Center

12:00PM - 2:00PM

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

Gallery Lounge, Armour J. Blackburn University Center

1:00PM - 3:00PM

**National Academies of Science, Engineering & Medicine
Town Hall Meeting**

Multipurpose Room, Interdisciplinary Research Building

2:00PM - 4:00PM

**Addressing Health Disparities Together: A Networking
Session for Building Community-Academic Partnerships**

148/150, Armour J. Blackburn University Center

TUESDAY, APRIL 9

Engaging Faculty In Research

9:00AM - 4:00PM

Howard University Research Retreat

Multipurpose Room, Interdisciplinary Research Building

9:30AM - 12:30PM

**Ryoichi Sasakawa Young Leaders Fellowship Fund
(SYLFF) Session**

Graduate School, Room 101

10:00AM - 12:00PM

The History Makers Digital Archive

Gallery Lounge, Armour J. Blackburn University Center

WEDNESDAY, APRIL 10

Research Discussion

9:00AM - 3:00PM

**RCMI Ingenuity Pathway Analysis (IPA)
Training**

Multipurpose Room, Interdisciplinary Research Building

10:00AM - 3:00PM

**Global Fables, Folklore and Fantasy in Children's & Youth
Literature**

*Ralph J. Bunche International Affairs Center at Howard
University (first floor)*

HOWARD UNIVERSITY RESEARCH WEEK 2019

ACTIVITIES AT A GLANCE

THURSDAY, APRIL 11

Showcasing Research & Scholarly Activities

7:30AM	Research Symposium Registration & Continental Breakfast
9:00AM	Oral & Poster Presentations
12:00PM	Lunch
1:15PM	Oral & Poster Presentations
4:30 PM	Closing
4:30 PM	Sigma Xi, The Scientific Research Society Dr. Percy Julian Memorial Lecture Invited Guest: Dr. Jose Rodriguez, Brookhaven National Laboratory <i>Gallery Lounge, The Armour J. Blackburn Center</i>

FRIDAY, APRIL 12

Celebrating Research at Howard University

8:00AM	Research Symposium Registration & Continental Breakfast
9:00AM	Second Session Oral & Poster Presentations
12:00PM	Lunch
1:15PM	Second Session Oral & Poster Presentations
4:30PM	Closing
10:00AM - 1:00PM	Environmental Studies Research Symposium <i>Multipurpose Room, Interdisciplinary Research Building</i>
2:00 PM - 9:00PM	Sigma Xi, The Scientific Research Honor Society <i>Multipurpose Room, The Interdisciplinary Research Building</i> Hawthorne Lecture & Sigma Xi Initiation Banquet Invited Guest: Dr. Rodolfo Llinas, Neuroscience Institute, NYU Langone Health

HOWARD UNIVERSITY

Office of the Vice President for Research

April 8, 2019

Greetings Howard University Family and Friends:

The Office of Research is proud to welcome you to Research Week 2019, April 8-12. The research community response to HU Research Week has been and continues to overwhelmingly supportive. This support is critical to our research mission, which centers on the promotion, development and implementation of research to advance the quality of life of our citizens, individuals and communities around the world. Faculty, students and research staff who exhibit their research during HU Research Week and participate in the array of research-related events are continuing the legacy of Howard University as a preeminent institution of higher education. In this respect, the Office of Research extends its eternal thanks.

Over 550 faculty, students, and postdocs from the thirteen schools and colleges comprise this year's Research Symposium participants. I congratulate each of the presenters for their excellent presentations, as well as for their willingness to share their accomplishments. I hope that the Research Symposium will strengthen current partnerships, and spark new and further collaborations among your colleagues in the coming years.

Monday, April 8th kicks off a week of research related activities. The National Academies and Howard University will host a town hall to discuss the report titled, *Minority Serving Institutions, America's Underutilized Resources for Strengthening the STEM Workforce*, as well as current opportunities and strategies to strengthen Science and Technology research initiatives.

As part of this kickoff, the Department of Anatomy in the College of Medicine will host a workshop on the best practices to pursue NIH grant opportunities and the National Endowment of the Humanities will also present a workshop on the best practices for grant writing in the humanities. In the afternoon, The Georgetown-Howard Universities Center for Clinical and Translational Sciences (GHUCCTS) will host a workshop and networking session on the value of community engaged research (CEnR) with faculty/students as an approach for building community-academic partnerships in research.

To strengthen faculty engagement in research, The HU Research Centers in Minority Institutions (RCMI) program and The Office of Research have partnered to host the Howard University Research Retreat on Tuesday, April 9th focused on expanding current research initiatives. Additionally, The History Makers, the nation's largest African American video oral history archive will lead an interactive session on the resources available to faculty and students.

Over 600 faculty, students, and postdocs from the thirteen schools and colleges will present their research at the symposium on Thursday and Friday. This will be held in the Interdisciplinary Research Building. Included on Friday is an Environmental Studies Research Symposium designed to highlight Environmental and Sustainability activities occurring across campus. Culminating the events of Research Week, Sigma Xi, the Scientific Research Society will a Dr. Percy Julian and Hawthorne Lecture, followed by an initiation banquet.

Sincerely,



Bruce A. Jones, Ph.D.
Vice President for Research



2201 Georgia Avenue, N.W., Room 421E
Washington, DC 20059

(T) 202 806 4759
(F) 202 483 8042
www.howard.edu

HOWARD UNIVERSITY RESEARCH WEEK 2019

ACTIVITIES IN DETAIL

MONDAY, APRIL 8

Research Week Kickoff

10:00AM - 12:00PM **NIH 101: An Introduction to the NIH and Grant Writing Best Practices**
Multipurpose Room, Interdisciplinary Research Building

Dr. Timothy A Gondré-Lewis, Program Officer, The National Institutes Allergy and Infectious Diseases who provide an overview of the structure and function of the NIH, funding opportunities, and best practices for grant writing success. Graduate Students, Postdoctoral Fellows, Clinicians and Faculty will benefit from this interactive presentation followed by a Q&A session.

10:00 AM - 12:00PM **NEH 101: An Introduction to the NEH and Grant Writing Best Practices**
148/150 Armour J. Blackburn Center

Program Directors from the National Endowment for the Humanities workshop will provide an Overview of their grant programs and best practices for grant writing success.

12:00PM - 2:00PM **Fulbright Research Panel & Merit Awards Reception**
National Merit Award Recognition Reception
Gallery Lounge, Armour J. Blackburn University Center

Howard University seniors selected semi-finalists for the U.S. Fulbright Student Program will present their proposed research and planned academic studies abroad for the 2019-2020 academic year. Presentations include research sites in India, Malawi, Poland and South Africa. Following the research presentations, all 2019 Howard University national prestigious scholarship award winners and finalists will receive award recognition for their upcoming research and studies abroad, including graduating senior recipients and finalists of the Fulbright, Payne, Pickering, Rangel, Rhodes and Schwarzman Scholarships. Food and refreshments will be provided for lunch, buffet-style, throughout the research presentations and awards ceremony.

1:00PM - 3:00PM

National Academies of Science, Engineering & Medicine Town Hall Meeting
Multipurpose Room, Interdisciplinary Research Building

The National Academies of Science, Engineering and, Medicine's Board on Higher Education and Workforce released *Minority Serving Institutions: America's Underutilized Resource for Strengthening the STEM Workforce*, a consensus study highlighting the promising practices established at MSIs to educate STEM students of color. **The National Academies, in conjunction with Howard University**, are hosting a **town hall meeting** to discuss the findings of the report, as well as discuss current opportunities and strategies to strengthen Science and Technology research initiatives in Washington DC, including local and federal partnerships and STEM education at Howard and surrounding HBCUs.

Registration Link: https://howard.az1.qualtrics.com/jfe/form/SV_eaE5i4zjwjiMraJ

Goals of The Town Hall Meeting:

- Convene faculty and key administrators from MSIs and key federal and local agency officials to discuss concrete strategies for enabling stronger, more productive partnerships between government agencies and underrepresented higher education institutions;
- Examine the evidence-based models, programs, and strategies at MSIs that are effective in increasing STEM workforce preparation, and the potential impact for the federal research agencies;
- To raise awareness among policymakers, the media, and the public of the vital role of MSIs in supporting the economic growth of the nation, and to showcase the research talent at MSIs

Q & A /Networking

2:00PM - 4:00PM

Addressing Health Disparities Together: A Networking Session for Building Community-Academic Partnerships
148/150, Armour J. Blackburn University Center

Increasingly researchers are seeking community partners to collaborate on health disparities research. During this moderated poster session, four community organizations from the DC Metropolitan area will present their organization's work and research interests. Their areas of interest are cancer, diabetes and other chronic disease, asthma, and sickle cell disease. A networking session will follow to stimulate possible research collaborations or internship opportunities. This event is hosted by the Georgetown-Howard Universities Center for Clinical and Translational Science (GHUCCTS)

TUESDAY, APRIL 9

Engaging Faculty in Research

9:00AM - 4:00PM

Howard University Research Retreat

Multipurpose Room, Interdisciplinary Research Building

The HU RCMI Program in conjunction with the HU Office of Research invite you to the Howard University Research Retreat. The research retreat will function as a vehicle to better understand the footprint of ongoing research across the HU disciplines by shedding new light on what research is being done at HU, who the investigators are that are doing the research, where the research is being conducted, and what are some of the discipline-based assets and consensus needs that help maintain investigator productivity and enhance competitiveness for external support. It is believed that many of societal issues and challenges will require the integration of the humanities, arts, and the sciences to forge comprehensive and enduring solutions. This retreat brings together HU investigators from all these areas to learn about the research efforts of their colleagues and to explore opportunities for new collaborative efforts. The outcomes of this retreat will also assist both the **HU RCMI Program and the HU Office of research** fulfill their shared goal of enhancing and stimulating research at HU.

Registration link: <https://www.eventbrite.com/e/howard-university-retreat-research-tickets-55533113036>

9:30AM - 12:30PM

Ryoichi Sasakawa Young Leaders Fellowship Fund (SYLFF) Session

Graduate School, Room 101

The SYLFF is a competitive and merit-based prestigious award designed to provide full financial support to our outstanding Ph.D. students admitted to candidacy with a research concentration in international affairs and world peace. The SYLFF 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. In this session, current SYLFF fellows will present their research and talk about their experience as a SYLFF fellow. Presentations will be followed by discussion with the audience. Dr. Mika Kato (Department of Economics) will moderate the session.

10:00AM - 12:00PM **The History Makers Digital Archive**
Gallery Lounge, Armour J. Blackburn University Center

The History Makers, the nation's largest African American video oral history archive, will lead an interactive session on the uses and features of The History Makers Digital Archive. Truly a unique resource for both faculty and students, The History Makers Digital Archive was developed over the past nineteen years with thousands of hours of videotaped first-person testimony of both well-known and unsung African Americans from 413 cities and towns across the United States as well as places like Norway, Mexico and the Caribbean. Searchable by subject and keyword, The History Makers Digital Archive, and it's easy to use Google search and inferential indexing section, currently places more than 9,000 hours of first-person testimony in the hands of students and teachers, with dynamic transcripts and curated story segments to aid in searching. **Mr. Dionti Davis, Director of Education at The History Makers** will present the workshop.

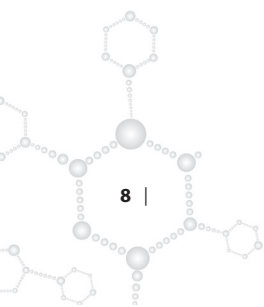
WEDNESDAY, APRIL 10

Research Discussion

9:00AM - 3:00PM **CMI Ingenuity Pathway Analysis (IPA) Training**
Multipurpose Room, Interdisciplinary Research Building

The HU RCMI Ingenuity Pathway Analysis (IPA) workshop will provide attendees with an introduction to the Qiagen Knowledgebase and how it can be leveraged to gain biological insights. This hands-on session will train attendees on how to query comprehensive information for genes, drugs, and phenotypes, and build networks in silico for hypothesis generation. In addition, the workshop will teach participants to understand the biological significance of their own data through the identification of relevant pathways, regulators, phenotypes, and biological functions. Utilizing Analysis Match, we will demonstrate how one's own data can subsequently be compared with tens of thousands of public data sets to identify similarities and dissimilarities at the biological level.

Registration Link: <https://www.eventbrite.com/e/ingenuity-pathway-analysis-ipa-seminar-hands-on-training-registration-56056573721>



10:00AM - 3:00PM **Global Fables, Folklore and Fantasy in Children's & Youth Literature**
Ralph J. Bunche International Affairs Center at Howard University (first floor)

Join us for the **5th Annual Children and Youth Literature Workshop at Howard University**, co-sponsored by CCAS Georgetown University, the Center for African Studies at Howard University, the Howard University School of Education, and the Institute for Middle East Studies at George Washington University. The workshop will explore the enjoyment of these three genres of literature for children and youth, and discover deeper aspects of the stories that teach about geography, socio-economic issues, politics, and universal wisdom that have made these narrations durable staples in literature for young and old alike. Speakers include Animal Village author **Nelda Latif** and children's literature expert and reviewer for the MEOC book awards **Dr. Roberta Robinson**. Teachers will be able to pick from a selection of books to take home, and resources add to their store of ideas and research. Lunch will be served. This program is made possible by a Title VI grant from the United States Department of Education, which is funding National Resource Centers on Africa at Howard University and on the Middle East at Georgetown University and by support from the Center for Contemporary Arab Studies at Georgetown

THURSDAY, APRIL 11

Showcasing Research & Scholarly Activities

7:30AM	Research Symposium Registration & Continental Breakfast
9:00AM	Oral & Poster Presentations
12:00PM	Lunch
1:15PM	Oral & Poster Presentations
4:30 PM	Closing
4:30 PM	Sigma Xi, Dr. Percy Julian Memorial Lecture <i>Gallery Lounge, The Armour J. Blackburn Center</i> <i>Dr. Jose Rodriguez, Brookhaven National Laboratory</i>

FRIDAY, APRIL 12

Celebrating Research at Howard University

8:00AM	Research Symposium Registration & Continental Breakfast
9:00AM	Second Session Oral & Poster Presentations
12:00PM	Lunch
1:15PM	Second Session Oral & Poster Presentations
4:30PM	Closing
10:00AM - 1:00PM	Environmental Studies Research Symposium <i>Multipurpose Room, Interdisciplinary Research Building</i>

The Environmental Studies symposium will highlight the breadth of research in environmental studies and sustainability across campus. The symposium is composed of lightning talks from faculty and students from a broad array of exciting topics, a plenary speaker on the local environmental justice movement, and a reception.

2:00 PM - 9:00PM	Sigma Xi Scientific Research Honor Society <i>Multipurpose Room, The Interdisciplinary Research Building</i>
-------------------------	--

Hawthorne Lecture & Sigma Xi Initiation Banquet

Invited Guest: Dr. Rodolfo Llinas, Neuroscience Institute, NYU Langone Health

HOWARD UNIVERSITY RESEARCH SYMPOSIUM

Blackburn Center

Thursday, April 11 -12, 2019

PROGRAM

7:30AM - 8:30AM

Registration & Continental Breakfast

1st Floor, Interdisciplinary Research Building

8:30AM - 8:50AM

Greetings

Anthony K. Wutoh, Ph.D., R.Ph.

Provost & Chief Academic Officer

Opening Remarks

Bruce Jones, Ph.D.

Vice President for Research

Presentations

9:00AM - 12:00PM

Poster Presentations

Physical Sciences &

Engineering

Translational & Clinical

Sciences

Biological & Biomedical

Sciences

Environmental Sciences

Oral Presentations

Humanities

Social Sciences

Business

Creative Arts & Design

Ethics, Law & Religion

Education & Outreach

12:00PM - 1:15PM

Lunch

1:30PM - 4:30PM

Poster Presentations

Humanities

Social Sciences

Business

Creative Arts & Design

Ethics, Law & Religion

Education & Outreach

Oral Presentations

Physical Sciences &

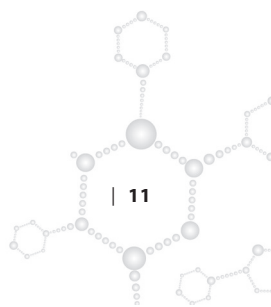
Engineering

Translational & Clinical

Sciences

Biological & Biomedical

Sciences



ORAL PRESENTATIONS

APRIL 11, 2019

SESSION I

9:00AM-10:00AM | 2ND FLOOR CONFERENCE ROOM | BUSINESS

Hind Alnafisah, Graduate Student

Would Energy Tax Policy Significantly Influence the Diffusion Rate of The Renewable Energy Portfolio in The United States?

Rajni Goel, Senior Faculty

Cyber Crime: Devastating Impact on Small Businesses Relative to Large Enterprises

Angela Jones, Junior Faculty/ Lecturer/ Instructor

The Moderating Effect of Channel Switching on How the Retailing Experience Relates to Satisfaction, Loyalty, and Positive Word of Mouth Intentions

Narendra Rustagi, Senior Faculty

Pluralism, Entrepreneurship and Growth

9:00AM-10:00AM | 3RD FLOOR CONFERENCE ROOM | EDUCATION & OUTREACH & HUMANITIES

Nea Maloo, Junior Faculty/ Lecturer/ Instructor

Biophillic Architecture- for better outcomes

Wendy Mcburney, Junior Faculty/ Lecturer/ Instructor

Traditional Rhythms of the African Diasporan Culture in the Spanish Language Classroom

Carol Porter, Senior Faculty

Improving patient referral linkages for HIV care and treatment through the implementation of a National Sample Transportation Program in 7 districts in Malawi

Charles Verharen, Senior Faculty

An African Model for Solving Global Existential Poverty Through Ethical Education

Forrest Yerman, Graduate Student

Collections & Connections: Reading the Archive of Africana Literature at the MSRC

9:00AM-10:00AM | FACULTY LOUNGE | CREATIVE DESIGN & HUMANITIES

Jasmin Goodman, Graduate Student

A Segregated Sisterhood? A Critical Discourse Analysis of 'The Racial Divide: Women of Color and White Women'

Ollie I. Jefferson, Graduate Student

The Oprah Winfrey Network's Queen Sugar Television Series: A Case Study on African-American Women Exemplary Representations On-Screen and Behind-the-Scenes

Leelanee Malin, Junior Faculty/ Lecturer/ Instructor

In Flo Jo Fashion: The Cultural Appropriation of Sportswoman Apparel

SESSION II

10:05AM -11:05AM | 2ND FLOOR CONFERENCE ROOM | SOCIAL SCIENCES

Karen Kolivoski, Junior Faculty/ Lecturer/ Instructor

Black and White Youths' Pathways from Child Welfare to Juvenile and Criminal Justice System Contact

Ivan Naumov, Post Doc/Resident/Fellow/Research Associate

Graphene-Bi (111) interface: atomic structure and electronic properties

Tracy Perkins, Junior Faculty/ Lecturer/ Instructor

Wikipedia and the Outsider Within: Teaching the Politics of Knowledge with Black Feminism and Wikipedia

Shameka Stanford, Junior Faculty/ Lecturer/ Instructor

The Effects of Cognitive-Communicative Disorders on Academic Success and Juvenile Delinquency in Low Socioeconomic Standing-Minority Youth

10:05AM -11:05AM | 3RD FLOOR FACULTY LOUNGE | SOCIAL SCIENCES & HUMANITIES

Deniz Baglan, Senior Faculty

How Did the Innovative Rental Housing Program in Montgomery County, Maryland Affect Access to Affordable Housing?

Carolyn Byerly, Senior Faculty

The Nexus between Women's Position in Newsrooms and News about Women

Janeen Cross, Junior Faculty/ Lecturer/ Instructor

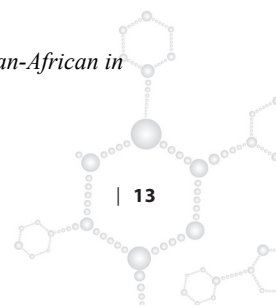
Incarcerated pregnant and parenting women: An analysis of criminal justice and health care

Nia Wilson, Professional Student

Control and Education in Black and Latinx Communities

Catherine Saunders, Graduate Student

Georgia Douglas Johnson and Eva B. Dykes: An Integrative Archive of the American-African in 20th Century America



Aleena Aspervil, Professional Student

If the Feds Watching: The FBI's Use of a "Black Identity Extremist" Domestic Terrorism Designation to Target Black Activists

Cecil Duffie, Staff

The Uncaptured Voice: Examining the role of Religion, and College & University Black Women Chaplaincy Leadership in the 21st Century

Quiana Harris, Professional Student

"Fed Up!": The Consent Decree as An Unlikley Resolve for Black Men Targeted by Criminal (In)Justice in Baltimore

Jordan Lewis, Undergraduate Student

The relationship between Agents, Principles, and Corporate Bond Holders

SESSION III

Kenneth Anderson, Senior Faculty

Does Increased Policing Improve Safety Outcomes in the Middle Grades?

Barbara Boakye, Graduate Student

Ingenuity Out of Necessity: Short Term Research Abroad in Developing Countries

Kendra Delaine, Graduate Student

"If My Teacher Believes it, I Can Achieve it!": The Power of Teacher Expectations in African American Middle School Students' Academic Efficacy in Mathematics

Lesley Edwards-gaither, Graduate Student

An Ethnographic Investigation of Telepractice: How Culture is Built Between Speech-Language Pathologists and eHelpers in the Online Environment

Richmond Danso, Graduate Student

Understanding The Effects of The Twin Sins

Kiara Davis, Graduate Student

Publish or Perish: Understanding Academic Overproduction

Bahareh Eftekhari, Graduate Student

Payday Loan Use Among Older Lower Income Population

Britany Gatewood, Graduate Student

Black Female Resistance Behind Bars: Centering The Voices of Incarcerated Black Women

Alysa Herrera Taylor, Graduate Student

Do You Know Who You Are? The Effects of Ethnic/Racial Identity on Exposure to Racism and Stress

Brittany Hinkle, Graduate Student

The Psychological Effects of Success Guilt in the Black Student

Jacqueline Jackson, Graduate Student

Gentrification and New Narratives of "South L.A." A critical analysis of Los Angeles tourism campaigns and Issa Rae's "Insecure"

Cassandra Jean, Graduate Student

Silenced Pain: The Unspoken Truth About Intimate Partner Violence Within Same-Sex African American Male Couples

Arvin Jundoria, Professional Student

Is there a difference in outcomes in lower extremity vascular trauma (LEVT) on the weekday vs. weekend?

SESSION IV

Tomilowo Abijo, Post Doc/Resident/Fellow/Research Associate

Reducing Binge Alcohol Drinking in Rats

Bajwa Asima, Post Doc/Resident/Fellow/Research Associate

Pseudoexfoliation Syndrome in Patients of Ethiopian Descent - An Initial Report

Fikru B Bedada, Junior Faculty/ Lecturer/ Instructor

FBXO32 and FOXO1 are coordinately expressed in a one-to-one stoichiometric pattern at baseline, during exercise and in both gender in elderly African American with MCI

Angel S. Byrd, Junior Faculty/ Lecturer/ Instructor

From bank to bedside - Neutrophil extracellular traps and Type 1 Interferons contribute to immune dysregulation in Hidradenitis Suppurativa

Terri Adams, Senior Faculty

Returning Home: A Cross-Cultural Analysis of the Experiences of Displaced Victims of Hurricane Katrina

Zizwe Chase, Post Doc/Resident/Fellow/Research Associate

Broadband Terahertz Polarizer in the Transmission Mode

Samaresh Guchhait, Junior Faculty/ Lecturer/ Instructor

Evidence of transition between Heisenberg and Ising-like phases in mesoscale Ge:Mn spin glass

Carolyn Stroman, Senior Faculty

Climate Change Knowledge and Perceptions: Exploring the Influence of Race and Ethnicity on Environmental Prediction Information

Zizwe Chase, Post Doc/Resident/Fellow/Research Associate
Broadband Terahertz Polarizer in the Transmission Mode

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

Carolyn Stroman, Senior Faculty
Climate Change Knowledge and Perceptions: Exploring the Influence of Race and Ethnicity on Environmental Prediction Information

1:15 PM-2:15PM | FACULTY LOUNGE | TRANSLATIONAL & CLINICAL SCIENCES

Emmanuel Akala, Senior Faculty
Design and Fabrication of Polymer-Monoclonal Antibody Conjugates for the Development of Targeted Nanoparticles for HER2-Positive Breast Cancer Treatment

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

Pradeep Karla, Senior Faculty

Drug Efflux Modulation for Prevention of HIV Sexual Transmission

Brian Laurence, Senior Faculty

Hospital-based visits for dental conditions in Prince George's county, Maryland

SESSION IV

2:20PM-3:20PM | 2ND FLOOR CONFERENCE ROOM | BIOLOGICAL & BIOMEDICAL SCIENCES

Martha Dávila-garcía, Senior Faculty
Development and Nicotine Regulation of $\alpha 7$ -containing nAChRs in Respiratory Centers of the Brainstem

Enrique De La Cruz, Post Doc/Resident/Fellow/Research Associate
The Impact of Obesity on Injury Severity and Outcomes in Penetrating Abdominal Trauma

Katrina Foster, Post Doc/Resident/Fellow/Research Associate
*Evaluating the dose-dependent antibacterial effects of *Nigella sativa* extract against intraoral *Streptococcus mutans**

Haijun Gao, Junior Faculty/ Lecturer/ Instructor
Reduced AMPK Signaling Impairs Placental Mitophagy In Women with Gestational Diabetes Mellitus

Katharine Gurski, Senior Faculty

A Casual and Long-term Partnership Disease Model for HIV and HSV-2

Henok Mawi, Junior Faculty/ Lecturer/ Instructor

On Geometric Optics Problem involving Refraction

Timothy Myers, Junior Faculty/ Lecturer/ Instructor

Constructing a Clifford Graph Algebra from a Classical Clifford Algebra of Higher Dimension

John Tharakan, Senior Faculty

Educating Engineers To Meet Grand Challenges (GC's) And Address Sustainable Development Goals (SDG's)

Magdalena Misiak, Junior Faculty/ Lecturer/ Instructor

The mechanism of olfactory dysfunction in APOE-associated dementia: Olfactory study in human APOE4 carriers

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

Contemporary trends in the use of Partial Nephrectomy

Marcus Yarbrough, Post Doc/Resident/Fellow/Research Associate

Implementation of the Critical view of safety during laparoscopic cholecystectomy complicated by cholelithiasis and empyema of the gallbladder

Adewale Adepoju, Graduate Student

Influence of Functionalized Carbon Nanofibers on the Electrochemical Performance of LiFePO₄ Cathode for Li-ion Batteries

SESSION V

Thomas Heinbockel, Senior Faculty

Cannabinoid Receptor-Mediated Changes of Mitral Cell Activity through Modification of Synaptic Input in the Main Olfactory Bulb

Chao-hsiung Hsu, Post Doc/Resident/Fellow/Research Associate

Glucocorticoid MRI detects metabolic degradation in the mouse brain after rapid microwave fixation

Yeona Kang, Junior Faculty/ Lecturer/ Instructor

Alteration of Blood-Brain permeability during Neuroinflammation using multi-ligands with PET: [⁶⁸Ga]EDTA, [¹¹C](R)PK11195, and [¹¹C]DPA713

Xionghao Lin, Post Doc/Resident/Fellow/Research Associate

Novel Inhibitor of Tat-dependent HIV-1 Transcription that Targets RACK1 Protein

2:20PM-3:20PM | FACULTY LOUNGE | BIOLOGICAL & BIOMEDICAL SCIENCES,
PHYSICAL SCIENCES & ENGINEERING

Barry Pass, Senior Faculty

Micro-CT Imaging and Molecular Spectroscopy of Dental Remains from 1607 Jamestown, Virginia

Zaki Sherif, Senior Faculty

Epigenetic Regulation of TP73 Expression in Hepatocellular Carcinoma of Racially Diverse Patients

Shaolei Teng, Junior Faculty/ Lecturer/ Instructor

Big Data Analytics of Sequence Variations Associated with Mental Disorders

Su Yan, Junior Faculty/ Lecturer/ Instructor

All-Frequency Stable Finite-Element Formulation and Application in Electromagnetic Multiscale Problems

APRIL 12, 2019

SESSION I

9:00AM-10:00AM | MULTIPURPOSE ROOM | BIOLOGICAL & BIOMEDICAL SCIENCES

Claudia Adomah, Professional Student

Socioeconomic Predictors of Utilizing Chronic Disease Management Services Provided by Community Pharmacies: A Cross-Sectional Study"

Ateq Alsaadi, Graduate Student

Qualitative analysis of generalized Volterra` models "two preys-one predator" by the Newton polyhendon method.

Thomas Boddie, Graduate Student

Leishmania parasites suppress Allograft Inflammatory Factor-1 in macrophages as a mechanism for immune escape

Bayan Bokhari, Graduate Student

Transcriptome-Guided Investigation of RECQ1 in Breast Cancer Tumorigenesis

9:00AM-10:00AM | 2ND FLOOR CONFERENCE ROOM | ETHICS, LAW & RELIGION

Jamila Cambridge, Graduate Student

Land of the Free? An Examination of the Constitutionality of Forced Labor in U.S. Immigrant Detention Centers

Aja Johnson, Graduate Student

From Pushout To All In: An Excellence Framework For Supporting Young Black Girls In School

Meschelle Noble, Graduate Student

Income Share Agreements: A Solution to the Student Loan Debt Crisis or a Welcome Mat for Discrimination?

Elijah Porter, Graduate Student

The Future of Legal Work: Autonomous Artificial Intelligence Replacing Lawyers in the Workplace

9:00AM-10:00AM | 3RD FLOOR CONFERENCE ROOM | HUMANITIES

Kenya Goods, Graduate Student

A Literary Analysis of Black Female Controlling Images in African American Churches

9:00AM-10:00AM | FACULTY LOUNGE | SOCIAL SCIENCES

Anas Askar, Graduate Student

Understanding the Public's Response to Uncertainty Through an Interdisciplinary Analysis

Kadee Atkinson, Graduate Student

Preparing Students for Practice and Medically Underserved Areas

Angela Carter, Graduate Student

My Skin As My Logo: The History of Ideas of Identity Construction Among Americans of African Descent in Negro World/Black World Publications

Monyai Chavers, Graduate Student

Land for Food: The Case of Liberia

SESSION II

10:05AM -11:05AM | 2ND FLOOR CONFERENCE ROOM | SOCIAL SCIENCES

Tiffany Copeland, Graduate Student

WHY DO THE FRENCH TWEET #BLACKLIVESMATTER IN ENGLISH?

Natasha Jean-Pierre, Graduate Student

White Writers, White Rooms, and Colorless Women: An Examination of Colorblind Casting's Impact on the Black Female Narrative on 21st Century Television

Natalie Munoz, Graduate Student

United States Immigration Policy and Latinx Migrant Children Trauma

Keadrick Peters, Graduate Student

Bougie While Black: An Exploratory Study of the Significance of Race Among the Black Middle Class 2009-2016

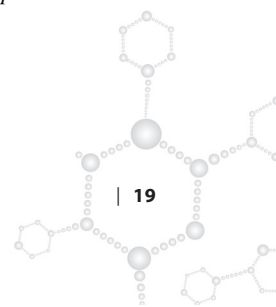
10:05AM -11:05AM | 3RD FLOOR CONFERENCE ROOM | SOCIAL SCIENCES

Erica Roberson, Graduate Student

An Analysis of Speech-Language Pathologists' Knowledge of the Sociolects in African American iGeneration Teens'

Shannell Thomas, Graduate Student

Arrested Femininity: Print Constructions of the Black Female Victims of Police-Perpetrated Homicides, 2000-2019.



10:05AM -11:05AM | FACULTY LOUNGE | PHYSICAL SCIENCES & ENGINEERING & ENVIRONMENTAL SCIENCES

Hind Aljaddani, Graduate Student

Adsorption and Separation of CO₂ and CH₄ Gas Mixture in a Graphene Layer and a Graphite Surface

Yahya Alqahtani, Graduate Student

Rate Performance of Carbon Nanofiber Anode for Lithium Ion Batteries

Daniel Yeager, Graduate Student

Radiative Forcing Properties of Aging Saharan Dust Storms Entering the Tropical Atlantic

10:05AM -11:05AM | MULTIPURPSE ROOM | BIOLOGICAL & BIOMEDICAL SCIENCES

Carter Clinton, Graduate Student

Geospatial distributions of trace metals found in 17th and 18th Century New York African Burial Ground grave soil samples using XRF technology

Gretchen Johnson, Graduate Student

Molecular Genomic Diversity of mid-19th Century Liberated Enslaved Africans from St. Helena Island, South Atlantic

Harry Nonez, Professional Student

Trends in Firearm Injuries among Children and Teenagers in the United States

Md Rahman, Graduate Student

Rice Receptor for Activated C Kinase1B (OsRACK1B) negatively regulates chlorophyll degradation and salinity induced senescence through interaction with Stay-green (SGR) in rice

SESSION III

11:10AM-12:20PM | FACULTY LOUNGE | PHYSICAL SCIENCES & ENGINEERING

Craig Battle, Graduate Student

Analysis of aqueous surface tension change with various mixing ratios and fatty acid chain length from 5°C - 30°C

Tafadzwa Chigumira, Graduate Student

Shewanella Oneidensis MR-1 and Community 31 for Microbial Reduction of Iodate at the Hanford Site

Hamid Ghasemi, Graduate Student

Validated Numerical Modeling of Wire Rope Isolators under Dynamic Excitations: Nonlinear Finite Element Analysis

Ifeanyi Ifeduba, Graduate Student

Effects of Dy and Fe ions on Misfit-layered Calcium Cobaltite as a promising thermoelectric material for high temperature application

11:10AM-12:10PM | MULTIPURPOSE ROOM TRANSLATIONAL & CLINICAL SCIENCES,
BIOLOGICAL & BIOMEDICAL SCIENCES, ENVIRONMENTAL SCIENCES

Edmund Ameyaw, Graduate Student

A Bivariate Model for Clustered Binary Data: Joint Modelling of Systolic and Diastolic Hypertension in Ghana

Kevin Scriber, II, Graduate Student

The trophic Ecology of Pomacea spp. in Hawaii.

Michael Smith, Graduate Student

Identifying Schistosome ESPs effect on BGE cells using luciferase to measure Hsp70 Levels and BDM treatment on susceptible snails lowers stress

Rolanda Willacy, Graduate Student

The Role of Albumin Levels and BMI on Postoperative Outcomes in Patients Undergoing Total Knee Arthroplasty

Michael Wright, Graduate Student

Can Social Media Enhance Disaster Literacy? #TheMoreYouKnow

11:10AM-12:10PM | 3RD FLOOR CONFERENCE ROOM | PHYSICAL SCIENCES & ENGINEERING

Eric Ogharandukun, Graduate Student

Role of self-sugar in host virus binding

Daniel Plummer, Graduate Student

Bitcoin, Blockchain Technology: Why Cryptocurrencies are Still Secure Assets

Hossein Safa, Graduate Student

Transport and fate of CeO₂ nanoparticles in saturated sand; Effects of sand grain size distribution

Pheona Williams, Graduate Student

Tungsten di Telluride and the effect of Metallic Dopants on its Magnetic and Structural Characteristics

11:10AM-12:10PM | 2ND FLOOR CONFERENCE ROOM | PHYSICAL SCIENCES & ENGINEERING

Chan Kyaw, Graduate Student

Plasmon-Induced Transparency in Photonic Crystal Slab Coupled to Terahertz Metasurface

Arielle Miller, Graduate Student

Investigation of proton radiation damage effects on the mechanical and chemical properties of 3D printed acrylonitrile butadiene styrene for in-space manufacturing and application purposes

Tigist Mohammed, Graduate Student

Exploiting Real Time Simulation to Study Load Frequency Control in Distribution Generation Based Power System

Sharah Yasharahla, Graduate Student

study of the energy capacity of lithium iron phosphate batteries versus the addition of varied weight percentages of reduced graphene oxide

SESSION IV

1:15PM-2:15PM | 2ND FLOOR CONFERENCE ROOM | EDUCATION & OUTREACH

Mikaela Armstead, Undergraduate Student
Exploring a Teachers Believed Success of a Classroom

Oriana Hondras, Undergraduate Student
Technology Integration in the Classrooms

Ke'era Ingram, Undergraduate Student
Education Injustice in Contemporary South Africa

Anna Mitchell, Undergraduate Student
Skiing the Skies: The Power of Twitter, Instagram and Facebook to Eradicate the African-American Financial Literacy Crisis

1:15PM-2:15PM | 3RD FLOOR CONFERENCE ROOM | CREATIVE ARTS & DESIGN, ETHICS,
LAW & RELIGION

Allison Burns, Undergraduate Student
A Case for Lifting the Cuban Embargo: A Comparative Study

Ashley Colvin, Undergraduate Student
"The Lack of Diversity in the Legal Profession: Is Race Above the Law?"

Ashli Ferguson, Undergraduate Student
Trump vs. Twitter: The Interconnection Between Politics & Social Media Focusing on Donald Trumps twitter

Jaylen Wilson, Undergraduate Student
Theatre is a Weapon: The Efficacy of Theatrical Presentation as a Device for Combating Systemic Racism

1:15PM-2:15PM | FACULTY LOUNGE | BIOLOGICAL & BIOMEDICAL SCIENCES

Jaquesta Adams, Undergraduate Student
Messenger RNA Capture with Designer DNA Nanoparticles

Jerrell Atwater, Undergraduate Student
Collecting Mouthrinse Samples to Test Different Human Papillomavirus (HPV) Primers

Sherese Brown, Undergraduate Student
The Quest for a West Nile Virus Vaccine

Taylor Phillips-jones, Undergraduate Student
Differences in neuronal activation within different regions of the paraventricular nucleus of the thalamus in binge eating prone and binge eating resistant rats

SESSION IV

2:20PM-3:20PM | 2ND FLOOR CONFERENCE ROOM | PHYSICAL SCIENCES & ENGINEERING

Iman Ahmed, Undergraduate Student

Characterization of Functionalized Graphene Nanoplatelets using Scanning Electron Microscopy and Raman Spectroscopy

Irima Ajang, Undergraduate Student

Significance of Remote Observations of the Lunar Sodium Corona

Bipul Poudyal, Undergraduate Student

Investigating Deep Defects in Cubic Boron Nitride for quantum applications

2:20PM-3:20PM | 3RD FLOOR CONFERENCE ROOM | HUMANITIES

Jyohomson Dawadi, Undergraduate Student

The Metempsychosis of Ideas : The Transmigration of Souls in Greek and Indic thought

Aidan Keys, Undergraduate Student

Flamenco and the Appropriation of Global Black Cultures in the Construction of Spain's National Brand

Jessica O'Donnell, Undergraduate Student

Viral Violence: The Effects of Viral Tragedy and Trauma on American Blacks' Mental Health Born Between 1995-1999

Janelle Williams, Undergraduate Student

The Deconstruction of Pygmalion

2:20PM-3:20PM | 3RD FLOOR CONFERENCE ROOM | BIOLOGICAL & BIOMEDICAL SCIENCES,
ENVIRONMENTAL SCIENCES

Amber Durand, Undergraduate Student

A Digital Flora Checklist of Wheaton Regional Park in Wheaton, MD

Kristian Harris, Undergraduate Student

Functional root traits differ in congeneric serpentine-specialist and generalist plants

Nia Sweatt, Undergraduate Student

Topographical Differences in Orexin Activation after Pain Assessments in HbAA-BERK and HbSS-BERK Mice

Jasmine Tutson, Undergraduate Student

Characterization of an E1B55K and E4orf1 Deleted Adenovirus

SESSION V

3:25PM-4:25PM | 2ND FLOOR CONFERENCE ROOM | HUMANITIES & SOCIAL SCIENCES

Natalie Hopkinson, Junior Faculty/ Lecturer/ Instructor

Freeways: The Cultural Politics of Contemporary Emancipation Day Celebrations Across the Black Diaspora

Leondre Ramsay, Undergraduate Student

The Florida Project

Quinn Williamson, Undergraduate Student

The Conflation of Ethnocentricity and Moral Objectivism

3:25PM-4:25PM | 3RD FLOOR CONFERENCE ROOM | SOCIAL SCIENCES

Kaalex Ash-Green, Undergraduate Student

The effect of time on the creative process

Scarlett Dejean, Undergraduate Student

The Effectiveness of Gun Regulations in Correlation to Death by Firearms

Jayda Farmer, Undergraduate Student

Adverse Childhood Experiences and Psychological Well-Being: The Moderating Effects of Family and Social Support for Black Young Adult Survivors of Childhood Sexual Abuse

Troi Henderson, Undergraduate Student

You Are What You Watch: Examining the effects of media consumption during childhood on psychological distress experienced in adulthood in African-Americans

Jelani Lyda, Undergraduate Student

Root Exploration and Exploitation in Serpentine Soil Environments

3:25PM-4:25PM | 3RD FACULTY LOUNGE | ENVIRONMENTAL SCIENCES,
PHYSICAL SCIENCES & ENGINEERING

Esther Otu, Undergraduate Student

Understanding bioaerosols and their effect on human health in an open-air hospital in northern Ethiopia

Ajani Smith-Washington, Undergraduate Student

Searching for Ion & Neutral Emissions from the Lunar Atmosphere

Camille Wallace, Undergraduate Student

Investigating the dynamic properties of computer server frames using experimental and numerical analysis.

Poster Exhibition

Yvonne Abbey, Graduate Student,
Development of Combination Drug Loaded Nanoparticles for Breast Cancer

Brianna Adams, Undergraduate Student,
The purification and isolation of a bacteriophage's DNA

Erin Adams, Professional Student
Exploring the Morphology of a Chimpanzee Head: A Cadaveric Study of the Muscles, Nerves, Arteries, and Veins.

Adebola Adeagbo, Undergraduate Student,
Theoretical Characterization of Ligated Copper Clusters

Deborah Adu, Undergraduate Student,
Abstract

Wefag Ahmed, Post Doc/Resident/Fellow/
Research Associate,
Contrast induced Encephalopathy: a case report

Mousab Ahmed, Graduate Student,
Investigation of Temperature-Sensitive Nanofluid Gels

Sirri Akaya, Undergraduate Student,
Isolation and Characterization of the phage Oracle at Howard University

Colette Akhimien, Undergraduate Student,
Abstract

Anne-marie Ako-adouno, Post Doc/
Resident/Fellow/Research Associate,
Thermoreversible Tenofovir Nano Gel for HIV Drug Delivery

Rabita Alamgir, Professional Student,
Dihydrotestosterone Does Not Modulate Key Lipogenesis Regulator in Skeletal Muscle from Female Mice

Awadh Alanazi, Graduate Student,
Novel HIV-1 Transcription Inhibitors Targeting TAR RNA

Navid Alavi, Post Doc/Resident/Fellow/
Research Associate,
Acquired Amegakaryocytic Thrombocytopenia in Relation to Pernicious Anemia: a Case Report

Hawazin Alghamdi, Graduate Student,
Thermal Effects Associated with the Raman Spectroscopy of Tin Dioxide

Rasha Alhazzaa, Graduate Student,
The Role of Epigenetic Changes in Pancreatic Beta Cells in the Etiology of Diabetes

Rawan Almaghrabi, Graduate Student,
Using the Cobb Collections to Understand Historical TB Infections in African-Americans

Mariam Almedwah, Graduate Student,
Thermal Decomposition of Ozone on Regional Samples of African Mineral Dust

Nujud Almuzaini, Graduate Student,
Role of E4orf3 in Cell Cycle Progression

Hussian Alsaadi, Undergraduate Student,
Ravenrwd Abstract

Miaoun Alsebaei, Graduate Student,
Facebook as a Safe Sphere: The Influence of Facebook Intergroup Activities on Reducing Islamophobia in the US

Akiria Anderson, Undergraduate Student,
Isolation and Characterization of Midoriya

Selina Anosike, Graduate Student,
Comparative Antimicrobial Activity of Lactic Acid Bacteria against Food Spoilage and Pathogenic Microorganisms

Ahlna Archibald, Undergraduate Student,
Phage Finding: Hangry at Howard University

Miranda Armour-Chelu, Junior Faculty/
Lecturer/ Instructor,
The decline and extinction of the Steller's sea cow (Hydrodamalis gigas)

Kedus Ashagre, Undergraduate Student,
Finding Kboogie

Hassan Ashktorab, Senior Faculty,
Association of Colon Sessile Serrated Polyps with Endometrial Polyps

Hassan Ashktorab, Senior Faculty,
Molecular Markers, MLH1 and MSI Status Differentiate Hyperplastic Polyps from Sessile Serrated Adenoma/Polyps Among African American Patients

Kadee Atkinson, Graduate Student,
*The Influence of Child Maltreatment on
Pregnancy Outcomes in Adult Women*

Sofiat Atoba, Undergraduate Student,
*Identifying the Functions of ETR-1 in Male
Fertility and in the Engulfment of Physiological
Germline Apoptosis in *Caenorhabditis elegans**

Michael Atwater, Undergraduate Student,
*Characterization of Bovine Serum Albumin
capped Silver Chloride and Silver Phosphate
Nanoparticles filled Biodegradable Polymer
Composites*

Khukheper Awakoaiye, Undergraduate
Student,
*The Caging of Phage *Kajamane**

Nur shaina Ayers, Graduate Student,
*Muslim-American Mental Health: Islamic
Framework, More Than Just Prayer*

Sajith Ayyiliath Meleveetil, Post Doc/
Resident/Fellow/Research Associate,
*Development of Novel Small Molecule Inhibitors
of Ebola Virus Infection*

Hamed Azimi, Junior Faculty/ Lecturer/
Instructor,
*Assessment of risk of developing Pancreatic risk
with ATM gene mutation based on the genetics of
hereditary pancreatitis by using Saliva: A Multi-
Center evaluation.*

Hamed Azimi, Junior Faculty/ Lecturer/
Instructor,
*Knowledge and Attitude of Gastroenterologist
and Fellows in training in accredited programs
towards Nutritional training.*

Kela Bakari, Undergraduate Student,
*Tracking Alzheimer's Progression Through the
Morris Water Maze (Kela Bakari and Juan-
Pablo Palavicini)*

Kaleb Barnes, Undergraduate Student,
*The Isolation and Characterization of Alcazar
Phage*

Anjerrika Bean, Graduate Student,
*Out of darkness let there be light: The
relationship between the Black Church and
Black Women Reporting IPV to the Black Church*

Kaylon Beck, Graduate Student,
*Welcome Home: Revitalizing the community, one
black-owned business at a time*

Keishonna Belcher, Undergraduate Student,
*The infection of *Mycobacterium* spp. by phage
*Kaleidoscopic**

Chynere Best, Graduate Student,
*Parent-Adolescent Communication and Risk
Behaviors among HBCU Students*

Francia Bissereth, Graduate Student,
*Evaluation and Investigation of Air Pollution
via Bacteria Appearance and Frequency in the
Washington DC Region*

Amia Black, Undergraduate Student,
*The Isolation, Purification, Amplification, and
Characterization of Bacteriophage Abinghost
and its Effect on *Mycobacterium smegmatis*
MC²155*

Asia Blackman, Undergraduate Student,
*Dry Separation of Agro-materials for Enrichment
of Proteins at their Native States*

Ashley Blackwell, Graduate Student,
*Reconfigurable graphene-based dual-band
rectenna for terahertz energy harvesting*

Eunice Blemahdo, Graduate Student,
*The Assessment of Conduct Disorder for
Culturally and Linguistically Diverse Children: A
Preliminary Review*

Celecia Blyden, Undergraduate Student,
*Simulating Surface Enhanced Raman
Spectroscopy Using COMSOL Multiphysics*

Marjorie Bowen-Kauth, Undergraduate
Student,
*The Isolation and Characterization of Ashe,
a Bacteriophage that Infects *Mycobacterium
smegmatis* mc2155*

Kevin Boyd, Graduate Student,
*Cultural Orientation as a Moderator of the
Relationship between Perceived Racism and
Self-Rated Physical Health of African Americans*

Imani Boykin, Undergraduate Student,
*Motor-Driven (passage) Cycling on Cerebral
Blood Flow and Mood Response*

India Bradley, Undergraduate Student,
*Characterizing vet expression in *Caenorhabditis
elegans* utilizing RNA in situ hybridization of
dissected gonads and a GFP reporter strain*

Denia Breaux, Undergraduate Student,
Sequencing and Annotating of Phage Labreaux host specific to the host bacterium Mycobacterium Smegmatis.

Hassan Brim, Senior Faculty,
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,
Potential Novel Serological miRNA Markers of Colon Carcinogenesis in Obese and Diabetic African Americans

Brielle Brookins, Graduate Student,
Who measures up? An Examination of Teachers' Perceptions and Beliefs of Student Success in Diverse and Minority-Majority Schools

Victoria Brooks, Graduate Student,
Genetic mapping and immunological profiling of red blood cell alloimmunization in adults with sickle cell disease

Jacob Brooks, Undergraduate Student,
A Look at the Isolation and Analysis of Jellybean114 Bacteriophage

Brianna Brower, Graduate Student,
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

Nina Brown, Undergraduate Student,
Group Housing of Male Mice Causes a Significant Decrease in Day to Night Time Mean Arterial Pressure Change and is Indicative of Hypertension and Cardiovascular Disease.

Kaija Brown, Undergraduate Student
Identification and Characterization of Mycobacteriophage Kbreezy from the Environment

Imani Brown, Staff,
Relationship between PTSD and Recovery in a Sample of Dually Diagnosed Individuals on Medication-Assisted Treatment for Opioid Use Disorder

Kellon Bubb, Graduate Student,
Communicating the Health Implications of Climate Change in Communities of Color: What We Know and What We Need to Know

Clinton Burnside, Staff,
Age, Ethnicity and serum PSA Results for Men Participating in Prostate Cancer Screening

Ralonda Butler, Undergraduate Student,
Isolation and Characterization of Bacteriophage Esther

Claudia Byer-Tyre, Undergraduate Student,
Associations between Cytokine-Induced Inflammation, Loneliness, and Depression in Elderly Populations

Khadija Callender, Undergraduate Student,
The implementation of drainage design methods can help resolve the flooding issues in Trinidad and Tobago

Jacqueline Carmichael asid, Junior Faculty/
Lecturer/ Instructor,
Community Revitalization - Public Housing: Designing Social Equity to Build Community."

Alexandra Carter, Professional Student,
Drug-Induced Lingual Ulcer: A Novel Case of A Post-Renal Transplant Patient with An Tacrolimus Induced Lingul Ulceration

Elijah Catalan, Undergraduate Student,
Modeling Neon Density Fluctuations in the Lunar Exosphere (A comparison to LACE Data)

Jeffrey Chang, Graduate Student,
The Significance of Concussion Education in Mixed Martial Arts Athletes

Olivia Charles, Undergraduate Student,
Aniella

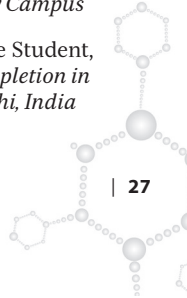
Gracie Charles, Undergraduate Student,
extraction of bacteriophage gracie

Christina Charmant, Undergraduate Student,
Characterization of Delaneub, A Phage Isolated From Soil Collected on Howard University's Campus

Zhenhong Chen, Undergraduate Student,
Factors influencing the release of BSA conjugated Ag (Ag/BSA) nanoparticles from nanocomposite hydrogel

Laraine Cheung, Undergraduate Student,
Isolation of Phage Bananafish, a Mycobacterium Discovered on Howard University Campus

Jacquelyn Chin, Undergraduate Student,
Layered Stigma and Cognitive Depletion in Third-Generation Community of Delhi, India



Jirachat Chinboot, Undergraduate Student,
Discovery, Isolation, and Characterization of bacteriophage, HaroldIII

Apurva Chopade, Professional Student,
Can Improved Access to Neuroimaging Help Decrease Disparities in Stroke Treatment?

Narica Clarke, Graduate Student,
Lower Socioeconomic Status May Increase the Risk of Pediatric Osteomyelitis

Lauren Clayton, Undergraduate Student,
Bison Hack the Yard

James Clemmons, Graduate Student,
ACA's Impact on an Academic Medical Center's Orthopaedic Surgery Department

Michelle Cole, Graduate Student,
Biological Transformation of Hexavalent Chromium using ES6 and MRI in a Sustainable System

Robert Coleman, Undergraduate Student,
Investigation of Solar Electron Hysteresis Event in June 2011 as Observed by STEREO-B IMPACT

Mira Coleman, Graduate Student,
A content analysis to examine the Mindful Eating to address obesity in College students

Jennifer Collins, Post Doc/Resident/Fellow/
Research Associate,
"The Relationship Between Foreign Trained Dentist and International Dental Students and the Acceptance to Treat Underserved Populations Post Residency"

Robert Cosby, Senior Faculty,
Identifying Social Isolation and Dementia Among Older Adults in Senior Housing in Washington, DC

April Covington, Undergraduate Student,
How interior design and art can impact the well being of people lives.

Aija Crawford, Graduate Student,
Utilizing Music Lyrics to Assess Abstract Language Skills in African American Young Adults

Ayza Croskey, Undergraduate Student,
Preparation of Pyrrolinones via 3-amino-3-butenamide Dimerization

Madelyn Crowell, Graduate Student,
Bone Density of Aquatic and Semiaquatic Animals Correlates to their Ecological and Dietary Specializations

Sanaz Dabiri, Graduate Student,
The mediating effect of inflammatory markers on the relationship between eating behavior and verbal learning among African Americans

Charline Dalmeida, Undergraduate Student,
Analyzing the Relationship between Diet and Mood among Howard University Students

Fabiane Dal-ri, Graduate Student,
Impact of Duration of Physical Activity on Glycated Hemoglobin (A1C) in Adults with Type 2 Diabetes Mellitus

Siara Davis, Undergraduate Student,
Exploring the life of Davis, a Bacteriophage isolated from soil

Gabrielle Davis, Undergraduate Student,
Presence of Rib Notching as an Indicator of Cardiovascular Disease in a historic African American skeletal population

Aktiv Dawson, Graduate Student,
"Build a Wall and Crime will Fall": Crimmigration, The Latino Threat Narrative, and Police Shootings of Hispanic People 2015-2018

Siobhan Delaney, Undergraduate Student,
The characterization of Browshid, a lytic phage which infects Mycobacterium smegmatis mc2155

Emanuel Demissie, Undergraduate Student,
In Silico Analysis of SIRT1 Genetic Polymorphisms And Its Potential Role in Inflammatory Response

Jielle Denton, Undergraduate Student,
Isolation, Purification, and Characterization of Phage Madea, a Mycobacteriophage Discovered at Howard University

Christian Diaz-Caez, Graduate Student,
Development of Web-Based Collaborative Platform for Human Terrain Data Analysis

Jade Dickenson, Undergraduate Student,
Investigation of bacterial DNA from New York African Burial Ground Soil Samples to explore evidence of cardiovascular disease

Tia Dickerson, Graduate Student,
How Does Media Imagery of Black Women Impact Black Men's Decision to Intermarry?

Ashlynn Donelson, Undergraduate Student,
Segregation of Education

Elan Donnellan, Graduate Student,
Correcting measures of heart rate variability for the confounding effects of heart rate.

Arielle Drye, Undergraduate Student,
Private or Public School Education: Which School System Teaches The Most Science Content Knowledge?

Huizhi Du, Post Doc/Resident/Fellow/
Research Associate,
Cannabinoid Receptor-Mediated Modulation of Interneurons in the Main Olfactory Bulb

Armando jr Ebbay, Professional Student,
The Barriers in the Effective Management of Alcohol Addiction: Implications on US Economy, Consumers' Health and Healthcare Professionals

Dameel Edwards, Professional Student,
Surgical Complications in Obese Patients Undergoing Hip Arthroscopy: A Propensity-Score Matched Study

Diana Effiom, Undergraduate Student,
Dallas: From Trials to Triumph

Osagie Ekue, Undergraduate Student,
Unhidden Figures: Increasing Visibility of Howard University's Botanists

Jeandele Elliot, Undergraduate Student,
The Role of RPN-12, a Subunit of the Proteasome's 19S Regulatory Particle, in C. elegans Male Fertility

Mona Elsayed, Graduate Student,
The Development and Reliability of the PRESS to Function Approach: A Systematic Method for Upper Extremity Assessment

Nkiruka Emezienna, Professional Student,
Blockchain Technology in Pharmacy: Developing a Public Drug Safety Database

Faith Englosh, Undergraduate Student,
Characterization of Medume, a bacteriophage which infects Mycobacterium Smegmatis mc² 155

Zhanna Ernest, Undergraduate Student,
Plasma Soluble Urokinase-type Plasminogen Activator Receptor (suPAR): An Early Indicator of Chronic Kidney Disease in Sickle Cell Disease.

Jayson Esdaille, Professional Student,
The Role of BMI in Perioperative Complications in Patients Undergoing Total Knee Arthroplasty

Behailu Eshetea, Graduate Student,
High Incidence of Antibiotic-Resistant Bacteria in Kitfo, an Ethiopian Beef Tartar

Anthony Eze, Professional Student,
Place of birth, educational status and colorectal cancer screening among US adults

Somadina Ezekwu, Undergraduate Student,
Life of a Phage

Uchenna Ezeobi, Graduate Student,
A Survey and Methodology for Internet-of-Things Security Testbed

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

Mayowa Fageyinbo, Undergraduate Student,
Self-Acceptance Mediating the Impact of Childhood Adversity on Relationship Quality

Makayla Fails, Undergraduate Student,
The Effect of a Social Media Cleanse on Young Adults Experiencing Negative Health Impacts Due to Excess Exposure to Social Media

Jia-fong Fan, Graduate Student,
The Characteristics of Radiosonde Data Under the Influence of the Saharan Air Layer during 2009 AEROSE Campaign

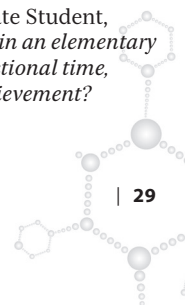
Olasunbo Farinre, Graduate Student,
Temperature-Dependent Raman Spectroscopy of Graphene and Graphene Nanoplatelets

Folasade Fashina, Undergraduate Student,
What's There To A Phage: The Isolation and Research of Jonghyun from a Soil Sample

Shamaia Ferguson, Undergraduate Student,
The Benefits of Culturally Relevant Practices in English Language Learner Classrooms: An Action Research and Analysis

Lourds Fernando, Graduate Student,
Elucidating novel roles of the 19S regulatory particle subunits of the 26S proteasome in C. elegans gametogenesis and fertilization

Epiphany Fields, Undergraduate Student,
Does playing background music in an elementary school classroom, during instructional time, improve student's academic achievement?



Carizma Forbes, Undergraduate Student,
The Characterization of Danielle15

Kirk Frederick, Undergraduate Student
Isolation and Characterization of Mycobacteriophage Xana from a Soil Mixture

Thomas Fungwe, Senior Faculty,
Silencing the Very low-density lipoprotein receptor (VLDLR) prevents Obesity associated with excess lipid deposition.

Carine Galvao, Staff,
A Clinical Study to Investigate Genetic Addiction Risk and Trauma in Opioid Use Disorder (OUD)

Kimberly Gardner, Undergraduate Student,
Efficacy of Different Pirenzepine Formulations Against Diabetic Neuropathy

Jarius Garner, Undergraduate Student
Isolation and characterization of phage Jarvis from a soil sample

Hamid Ghaffari Nazarlou, Graduate Student,
Direct observation of fouling behaviors in cross-flow membrane system and anti-fouling strategy development

Kyrionna Golliday, Undergraduate Student,
Generating endogenously GFP-tagged WEE-1.3 and transmembrane domain mutant strains in C. elegans using CRISPR-Cas9 gene editing

Boaz Gordon, Undergraduate Student,
Isolation of Bacteriophage BG Junior Using Bacterial Host Mycobacterium Smegmatis Mc2155

Johnny Graham, Junior Faculty/ Lecturer/
Instructor,
Consumer Response to Brand Appropriation

Skylar Grammas, Undergraduate Student,
Dust Density, Measured by Cassini's Radio Spectrum Analyzer

Oral Grant, Graduate Student,
Black Male Teachers' Practices and Experiences in K-12 Education

Kristen Greene, Graduate Student,
Knowledge, Access, & Utilization of Low Vision Assistive Technology

Ashley Grey, Post Doc/Resident/Fellow/
Research Associate,
Post Market Surveillance of Malaria Rapid Diagnosis Tests

Brittany Grossi, Undergraduate Student,
EGFR/EGFRvIII enhance the capability of tumor cells to escape immunosurveillance by upregulating PD-1/PD-L1 inhibitory checkpoint

Emilda Gwerengwe, Undergraduate Student,
Anisotropic dependency of tensile properties of hexagonal boron nitride to strain rate and temperature: an atomistic simulations study

Ahmad Haj-Assaad, Professional Student,
A Systematic Review of the Histological and Molecular changes in the Subacromial Bursa in Rotator Cuff Disease

Ashwaq Halawabi, Graduate Student,
Using symbolic cultural language to promote sustainable design in Saudi Arabia

Ashjan Halawani, Graduate Student,
The Impact of Islamic Religion on Residential Interior Design

Sanaa Haamen, Undergraduate Student
Extraction of bacteriophage "Blackbrain" from the soil sample in the environment using Myobacterium smegmatis

Abid Haque, Professional Student,
Fetal Growth Restriction: A Novel Case of A Small for Gestational Age Infant with An Inherited Xp Deletion

Steven Harris, Undergraduate Student,
The bacterium Mycobacterium smegmatis mc2155

Norman Harris, Undergraduate Student,
Reactivity of 1,3 Dipolar Cycloaddition with Azide and Strained Allene Rings

Dorian Harris, Professional Student,
The Impact on Language Development in African American Children Exposed to Intimate Partner Violence

Taleya Harris, Undergraduate Student,
How the Value of a Business is Being Driven by the Owner's Demographics

Tanae Harrod, Undergraduate Student,
The Impact of Socioeconomic Barriers on Breastfeeding of African-American Infants

Ariyiana Haynes, Undergraduate Student,
My Culture, Your Trend: An Analysis of Cultural Appropriation on Social Media and How It Affects the Self-Image of Young Black Adults

Aunamesha Henley, Junior Faculty/
Lecturer/ Instructor,
*Using the PEN-3 Model to Identify Cultural
Factors Among Black College Females Regarding
Physical Activity*

Aunamesha Henley, Post Doc/Resident/
Fellow/Research Associate,
*Diet and Emotional Well Being Among African
American Cancer Patients*

Nazareth Henry, Undergraduate Student
*Isolation and characterization of phage Delirium
from a soil sample collected from Howard
University.*

Charnae' Henry-Smith, Undergraduate
Student,
*Isolating, Prufying and Characterizing
CharSmith9*

Thomas Heslop, Undergraduate Student,
*Inhibition of Spore-Forming and Closely Related
Bacteria By Bacteriocins Produced by Lactic
Acid Bacteria In "Laban" Milk*

Kymerlee Hill, Undergraduate Student,
*Towards Understanding How Technology Can
Affect Mental Health Needs of Natural Haired
Black Women*

Braeanna Hillman, Post Doc/Resident/
Fellow/Research Associate,
*Healthcare Needs of the Northern Haitian
Population: A Service-Learning Project*

Breanna Hodges, Undergraduate Student,
*Impact of environment on the evolution
of acellular bone in ray-finned fishes
(Actinopterygii)*

Paige Hodges, Undergraduate Student,
*Bringing Clarity to Artemisia L. by Categorizing
Moroccan Species*

Latoya Hogg, Graduate Student,
*African American Female Crossover Youth: An
Exploration of Historical and Current Barriers to
Services*

Malik Holley-Ames, Undergraduate Student,
*Teachers Perceptions of Multicultural Education
in Classroom Settings*

Karima Holmes, Graduate Student,
*Dreams with Trauma-Related Insomnia over the
course of treatment with Suvorexant/placebo*

Md alamgir Hossain, Graduate Student,
*Quantitative analysis of ferric ion reduction by
Shewanella oneidensis MR-1 bacteria*

Christian Hudson, Undergraduate Student,
*The Effect of Biophilic Design on the Stress and
Performance of College Students*

Kylihah Hughes, Undergraduate Student,
*Isolating Iodine Transforming Bacteria from the
Hanford Site*

Melodie Hunter, Undergraduate Student,
*Identifying Potential Roles of Sin3a as a
Metastasis Suppressor in E1B55K-deleted Cells*

Kareem Ishmail, Graduate Student,
*Examining the Effectiveness of an Evidence-
Based Intervention with a Focus on Executive
Functioning Deficits for Children with ADHD*

Ibrahim Jafri, Graduate Student,
*miRNA144 and miRNA 451 Regulate the Life
Span of Human Erythrocytes.*

Anish Jain, Graduate Student,
*Metastatic Prostate Adenocarcinoma to the Left
Subclavian Lymph Node*

Niaya James, Undergraduate Student,
Isolation of Phage Niaya

Alyssa Jenkins, Undergraduate Student,
Architetural Solutions to Impure Water in Slums

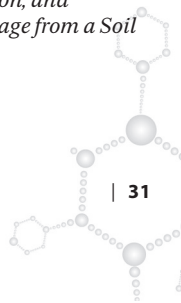
Taylor Jennings, Undergraduate Student,
Isolation and Characterization of Phage Carton

Taylor Jennings, Undergraduate Student,
*Differential Gene Expression in Type 2 Diabetes
and Alzheimer's Disease Patients from Pakistan
by Taqman Low Density Array (TLDA): A
Snapshot*

Andrew Jeong, Professional Student,
*Recurrent Pain in a Patient with Bilateral
Scaphotrapezial Coalition and Radiocarpal
Arthritis*

Amber Johnson, Undergraduate Student,
*Extraction, Isolation, and Characterization of
Phage Cactojaque from Environmental Sample*

Yacodou Johnson, Undergraduate Student,
*Isolation, Amplification, Extraction, and
Characterization of a Bacteriophage from a Soil
Sample: Serekunda*



Kayla Johnson, Undergraduate Student,
*The Isolation of FlexSeal, a Bacteriophage
Discovered on Howard University's Campus*
Kayla Johnson, Shalom Entner, Glory Bassey,
Roy Swagota, Adrian Allen, Ayele Gugssa,
Courtney Robinson, Winston Anderson and Mary
Ayuk

Sheree Johnson, Junior Faculty/ Lecturer/
Instructor,
*Evaluation of Medical Curriculum Integration
of Human Patient Simulation as Pedagogical
Tool for Cardiorespiratory Physiology Education
in MDYI*

James Johnson, Undergraduate Student,
Gas Traps In The Martian Regolith

Kevin Johnson, Undergraduate Student,
*The Effect of Undiagnosed Attention-deficit/
hyperactivity disorder in Undergraduate
Students at Howard University*

Talasia Jones, Undergraduate Student,
*The Influence of Adverse Childhood Experiences
on Interpersonal Relationships and Decision-
Making: A Sample of Black, College-Aged
Women*

Emerald Jones, Graduate Student,
*A Literature Review Regarding Systematic
Barriers That Lead to Incarceration*

Jessica Joseph, Undergraduate Student,
*Examining the role of 2 phyla that dominate the
intestinal flora: Firmicutes, and Bacteroidetes as
a Nutritional Intervention for obesity treatment.*

Mary Kamau, Undergraduate Student,
*Synthesis and Characterization of Some Long
Chain Fatty Acid Derivatives for Studies in
FXTAS Model.*

Syntyche Kane, Undergraduate Student
*Purification, Isolation, and Classification of the
Paris phage from a Soil Sample*

Youness Karodeh, Senior Faculty,
*Predictive factors in achieving high grade point
average over Ethiopian diaspora students
enrolled in the Nontraditional Doctor of
Pharmacy program at Howard University College
of Pharmacy*

Adea Kelly, Graduate Student,
*When Skin Tone Matters: Colorism Affects
Attraction and Perceived Personality
Characteristics among African Americans*

Devante Kerr, Undergraduate Student
*Isolation of phage Blkswn from a soil sample at
Howard University*

Beverly Khabo, Graduate Student,
*Linguistic Landscape of Addis Ababa and
Bishoftu, Ethiopia*

Raad Khan, Undergraduate Student,
*A Preliminary Study of The Anticancer Property
of Black Seed Oil, Black Seed Honey, and Black
Forest Honey in Breast Cancer and Head and
Neck Cancer Cells*

Timothy King, Professional Student,
*Locally Advanced Primary Signet Ring Cell
Carcinoma of the Bladder*

Stacia King, Undergraduate Student,
*Psychosocial Differences in College Experiences:
HBCU vs PWI*

Maya King, Undergraduate Student,
*Old News: Analyzing African-American Baby
Boomers' Trust in the Media*

Shakira Kittrell, Undergraduate Student,
Depression in Post-Stroke Patients

Daniel Koenemann, Graduate Student,
*Trees of the New World Tropics: A New Phylogeny
for the Plant Genus Cocoloba*

Dinara Konakbayeva, Undergraduate
Student,
*Selective Enrichment of Oat Protein for Food and
Pharmaceutical Applications by an Electrostatic
Separation Technology*

Amol Kulkarni, Senior Faculty,
*Development of Palladium-catalyzed dicobalt
octacarbonyl-mediated carbonylation reaction*

Gulriz Kurban, Post Doc/Resident/Fellow/
Research Associate,
*A Machine Learning Approach to Classify
Sickled and Healthy Red Blood Cells*

Ky'Lyn Lampkin, Undergraduate Student
*Isolation of a soil sample from outside Howard
Hospital for Isolation and characterization of
Mycobacteriophages.*

Chandana Lanka, Professional Student,
No Ordinary Colonic Polyp

Ayman Lawal, Undergraduate Student,
West African Biophilic Architecture

Marcus Lawrence, Graduate Student,
NLRP3 inflammasome inhibition via second generation small molecules.

Shanna Lee, Graduate Student,
CSD Students' Clinical and Social Perceptions of Various Speakers

Kristian Lee, Undergraduate Student,
Comorbidity and Health Disparities: The Relationship between childhood asthma and low intake of antioxidants in low-income communities

Bria Lee-robinson, Undergraduate Student,
Evolutionary Morphological and Behavioral Specializations for Jet propulsion in Frogfishes

Lucy Lim, Senior Faculty,
Determinants of Challenging Assignments

Jordan Lindsey, Graduate Student,
Political Implications Behind the Television Coverage of Gov. Northam in Blackface

Lillian Lo, Undergraduate Student,
Examining the Use and Results of Art Therapy Within Prison

Xavier Luellen, Undergraduate Student
Isolation and characterization of a phage from environmental samples.

Maat Mack, Undergraduate Student,
Multiple Fractures In Childhood: Bad Luck or Bad Omen?

Vidhyanand Mahase, Graduate Student,
Effects of pathogenic mutations in kinesins

Vidhyanand Mahase, Graduate Student,
Analysis of kinesin mutations implicated in neurological disorders

Adanech Makey, Undergraduate Student,
A Pedagogy Learned

Trinity Malone, Undergraduate Student
Isolation of Bacteriophage Interstellar From an Environmental Soil Sample.

Abdullah Mashraqi, Graduate Student,
Lactic Acid Bacteria in Fermented Milk 'Laban' Show High Activity Against Foodborne Pathogens

Gregory Mathelier, Graduate Student,
Are We Doing Too Many Exploratory Laparotomies in Trauma? An Analysis of National Trauma Data Bank.

Cheryl Mathews, Graduate Student,
A systematic review of professional engagement among occupational therapy practitioners

Chukwuemeka Mbagwu, Professional Student,
Dog Ear Prevention: Middle or End

Chukwuemeka Mbagwu, Graduate Student,
Risk Factors for the Rare Presentation of Septic Arthritis, Gout, and Pseudogout

Dana Mccalla, Graduate Student,
The "Turning Point" Generation: An Assessment of Ethnic Identity and Achievement Among Third-Generation West Indians in the United States

Jayden Mcclam, Undergraduate Student,
The Violences We are Forced to Bear: How Gender Impacts Experiences of Criminalized Immigration in the films The Pirogue and Borders

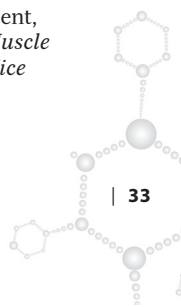
Bryttany McClendon-Weary, Undergraduate Student,
Association between Social Capital and Chlamydia, Gonorrhea, and Syphilis: County-Level Simple Regression Analyses

Sydney Mcfadden, Undergraduate Student,
Integration of Interdisciplinary Subjects into Mathematics

Charmaine Mckie, Junior Faculty/ Lecturer/ Instructor,
General Health Perception as a Proxy for Quality of Life Assessment in the Clinical Setting

Kirsten Mcleod, Graduate Student,
Reducing Poverty through Density Bonuses: Analysis of MPDU Rental Housing Program in Montgomery County, Maryland

Kristen Mcpike, Graduate Student,
Correlation of Head and Heart Muscle Malformations in p63 Mutant Mice



Rebecca Mengue Ngoua, Professional Student,
A Chemogenomics Database of Rare Diseases Prevalent Predominant in People of African Descent: A Case Study of Crohn's Disease

Joshua Metcalf, Professional Student,
Applications of Machine Learning: Driving a New Medical Frontier for Future Physicians

Taylor Miller, Undergraduate Student,
The Influence of Palatable Food Intake on the Expression of Liver MicroRNAs in a Rodent Model of Binge Eating

Kathryn Miller, Undergraduate Student,
Anti-microbial effects of BSA capped Silver (Ag/BSA) Nanoparticles and Poly(3-hydroxybutyrate-co-3-hydroxyvalerate) (PHBV) Encapsulated Ag/BSA Nanoparticles

Savannah Miller, Undergraduate Student,
Understanding the Underlying Stereotypes and Depictions of Black People and Their Lasting Impressions on Society

Arquel Miller, Undergraduate Student,
Influence of Ni and Ca/Mg Ratios on Root Foraging in Serpentine Plants

Neal Mohit, Undergraduate Student,
Isolation, Purification, and Characterization of Phage Beto

Camryn Moore, Undergraduate Student,
Does the Creative Process Lead Artists to Be More Anxious?

Madison Moore, Graduate Student,
The Role Of Adenovirus E4orf1 In Cellular DNA Content Greater Than G2/M

Carrie Morris, Graduate Student,
How Queer Folks Contributed to the Black Panther Party

Bria Morton-Lane, Undergraduate Student,
Isolation and Characterization of Mycobacteriophage Kenn

Sarai Mosby, Staff,
Battle of the Brains

Verona Mulgrave, Graduate Student,
Apolipoprotein E Genotype Modulation of the Impact of Exercise Training on Bio-markers of Immune Function and Brain Health in Female Transgenic Mice

Yasmeen Nabhani, Professional Student,
Diabetic Mastopathy: An Imaging Challenge and Malignancy Mimicker

Deanna Nara, Graduate Student,
A "Food as Medicine" Program and It's Effects on Healthy Eating and Cooking Confidence

Victoria Nguyen, Undergraduate Student,
Brain Bender: Empowering Adolescents Suffering from Chronic Headaches through Affective Computing and Gamification

Mickaela Nicholson, Graduate Student,
Witnessing Videos of Police Killings of African-American Men: An Exploration of the Psychological and Physiological Outcomes on Young African-American College Students

Esther Nwozo, Undergraduate Student,
The Isolation and Characterization of the phage Onyinye at Howard University

Ashley Oaks, Undergraduate Student,
Quasiperiodic functions on the plane

Symone Odoms, Undergraduate Student,
How Does Literacy Fit In?

Antonia Oduguwa, Undergraduate Student,
Isolation and Characterization of Apin77

Imade Ojo, Undergraduate Student,
Identification of potential bacterial pathogens linked to pandemic outbreaks from the New York African Burial Ground

Ifeanyichukwu Okereke, Graduate Student,
Key Health Factors Can Predict Clinical Outcomes and Cardiopathologic Progression in Atrial Flutter Patients.

Priscilla Okunji, Senior Faculty,
Comparative Outcome of Inpatients with Different Disease Categories: Electronic Health Records Interrogation

Bolutife Olagunju, Undergraduate Student,
Isolation and Purification of Phage Xola

Ayomikun Olarinoye, Undergraduate Student,
Relative analysis of the effects of different amounts of airspace in bioreactors

Kafayat Olayinka, Graduate Student,
12 years analysis of cirrus clouds and its radiative effect over the mid-latitude within the United States.

Jerome Oliver, Graduate Student,
Iodine Transformation Capacity of Soil Microbiota

Jahn O'neil, Junior Faculty/ Lecturer/
Instructor,
Spatial Learning and Memory in Murine models: Examination of Gender and their Interaction in 5xFAD and APOE Transgenic Mice

Karyn Onyeneho, Graduate Student,
Barriers to Participation in Genomic Health Research by African Americans and Other Minority Populations: A Systematic Review

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

Ashley Ortiz, Graduate Student,
Girl Interrupted: Legal System Involvement through the Gendered Lens

Ore Oyetan, Graduate Student,
Popliteal Venous Aneurysm: A Clinical and Imaging Challenge

Zoe Paige, Undergraduate Student,
President Trump Tariffs on Steel? Are the tariffs doing more harm than good?

Christian Parry, Junior Faculty/ Lecturer/
Instructor,
Structure of human ferroportin (SLC40A1) inferred from mass spectrometry restraints

Mara Peoples, Undergraduate Student,
Campus to Campus Learning Program

India Peterson, Undergraduate Student,
Ballet as a Political Vehicle in Russia

Petra Pierre, Undergraduate Student,
Relationship between Hypertension and Inflammatory Process in African Americans with Diabetes and Cardiovascular Disease: Role of Gut Microbiota

Kayla Pindell, Undergraduate Student,
The Health Gap: What's the relationship between socioeconomic status and healthcare?

Marie Plaisime, Graduate Student,
Generation Z and HIV: Understanding the Sexual Health Knowledge, Attitudes, and Practices of People born at the Apex of the AIDS Epidemic

Marie Plaisime, Graduate Student,
Social Movements & Medical Mistrust: The Influence of Social Media among Black and Hispanic Millennial Women on Healthcare Services

Paras Pokharel, Undergraduate Student,
Heat Analysis of a Cylindrical Sample Cell Using COMSOL Multiphysics Simulation Software for Laser Spectroscopy Applications

Nia Pollard, Graduate Student,
Computational Characterization of Three Multi-Shell Gold Nanoparticles

Eva Polston, Junior Faculty/ Lecturer/
Instructor,
Effects of Sex and the Estrous Cycle on the Associations between Sleep and Fear Memory Consolidation: A Mouse Model of Post-Trauma Sleep

Margaux Powell, Undergraduate Student,
Motor-Driven (passive) Cycling on Arterial Function

Patrick Prosper Jr, Undergraduate Student,
Characterization of Artis Phage

Mara Ramirez ruiz, Graduate Student,
Determining Differences in Neurocognitive Performance Between Student Service Members and Civilian Students

Thomas Randle, Undergraduate Student,
Isolation and analysis of bacteriophage Bandicoot

Naomi Rankin, Undergraduate Student,
The Isolation and Purification of Phage Albuquerque from Howard's Campus

Rakib Rayhan, Graduate Student,
Characterizing dynamic functional connectivity changes following a physiological stressor in myalgic encephalomyelitis/ chronic fatigue syndrome and gulf war illness

Kasyah Richardson, Undergraduate Student,
Marshe Abstract

Elizabeth Ricks, Junior Faculty/ Lecturer/
Instructor,
Predictors of Mathematics and Science Self-Efficacy in African American Girls

Joshua noel Rivera, Undergraduate Student,
From the Classroom to the Courts: Examining the Impact of Race and Gender on Zero - Tolerance Policies and Outcomes in Washington D.C. High Schools

Erica Roberson, Graduate Student,
*An Examination of Educators' Attitudes,
Feelings, and Perceptions Toward African
American English as a Coming of Age Social
Dialect*

David Roberts, Post Doc/Resident/Fellow/
Research Associate,
*Cocrystals Formed by Combining Major
Therapeutic Drugs with the Bioavailability
Enhancer Piperine*

Anisa Robertson, Undergraduate Student,
*The Effect of Biophillic Design on the Stress and
Performance of College Students*

Delandra Robinson, Undergraduate Student,
*The Isolation and Characterization of Phage
Delton*

Camille Robinson, Undergraduate Student,
*Identifying the Biological, Social and Structural
Factors that Contribute to Viral Suppression in
Women living with HIV in Washington D.C.*

Anastasia Robinson, Graduate Student,
*Evaluation of Sensitivity of Breast Cancer
Cell Lines to 2, 3- dichloro-5, 8-dimethoxy-1,
4-naphthoquinone and 4 Hydroxy-Tamoxifen*

Faun Rockcliffe, Graduate Student,
*Self-Efficacy Beliefs and Interest predict
Engineering Identity in African American College
Women*

Toluwalope Roleola, Undergraduate Student,
*Optical Properties of Rare-Earth Element
Doped-Nanocrystals*

Forough Saadatmand, Junior Faculty/
Lecturer/ Instructor,
*Association of Multiple Childhood Victimization
Risk, Sleep, Depression and Drug Use among
African American Young Adults in DC*

Leaynet Sahilu, Undergraduate Student,
Police Violence in Salvador; Bahia

Mischael Saint-sume, Undergraduate Student,
*The Identification of the Antibiotic Resistant
gene *mecA* in Mosquito collected from Ethiopia*

Dylan Salters, Undergraduate Student,
Characterization of phage SharnadoD

Kotou Sangare, Graduate Student,
*Adenovirus early genes modulate HIV-1-specific
vaccine-induced immune responses*

Warren Scott, Graduate Student,
*Weighing the Costs: Why Orthodontic Treatment
Improves Job Prospects*

Tina Seidu, Professional Student,
*Dihydrotestosterone Lowers Cytosolic Sterol
Regulatory Element-Binding Protein-1 in
Adipose Tissue from Female Mice*

Chloe Selleck, Graduate Student,
*Effect of a Cursive Handwriting Program on
Legibility of Written Work for Male Middle
School-Aged Students*

Aadarsh Shah, Graduate Student,
*Study of the Kinetics and degradation of
Simultaneous transformation of Hexavalent
Chromium and Carbon Tetrachloride in aqueous
medium using atomized Zerovalent Iron*

Leyn Shakhtour, Undergraduate Student,
*Using Reverse Genetics to Analyze Human
Monoclonal Antibody Interactions with
Enterovirus-D68*

Triniti Sims, Undergraduate Student,
The Characterization of Phage Trinitium

Sigmund Skinner, Undergraduate Student,
*Atomistic insight into temperature- and strain
rate-dependent mechanical properties of
graphene*

Simone Slater, Undergraduate Student,
*What role does classroom climate play in the
behavior and motivation*

Alexandria Smith, Graduate Student,
*The Mental Health Impact of Microaggressions
Imposed on College Black Women and Coping
Strategies Employed*

Sarah Solomon, Undergraduate Student,
*The Isolation and Characterization of
Bacteriophage Mussae*

Fatou Sow, Undergraduate Student,
*Too light or too Black?: A study on colorism in
social media through the lens of Black women at
Howard University.*

Laura St. Bernard, Post Doc/Resident/
Fellow/Research Associate,
*Craniofacial Influences on Third Molar
Impaction*

Justina Starrad, Undergraduate Student,
*Mitigating the Affordable Housing Crisis through
Shipping Containers*

Jasmine Stevens, Undergraduate Student,
The Application of Mixed Methods to Child and Adolescent Mental Health Studies in an African Context

Alicia Stokes, Graduate Student,
The impact of pre-sleep behaviors on sleep quality in good and poor sleepers.

Danielle Stossier, Undergraduate Student,
Preventing Clostridium difficile Transmission in Hospitals: Family Members Adherence to Infection Control

Keisha Stubbs, Professional Student,
A cross-sectional study analyzing the willingness of patrons to receive Point of Care Services in Community Pharmacies

Tamara Sullivan, Undergraduate Student,
Screening Bacterial Isolates for Iodine Transformation Abilities

Wei Sun, Junior Faculty/ Lecturer/ Instructor,
Statistical Analysis of Opioid Overdose-Related Mortality among Different Racial Groups from 1999-2017

Daniel Sutton, Post Doc/Resident/Fellow/
Research Associate,
30 Day Outcomes of Operative versus Non-operative management for Humeral Diaphyseal Fractures in Patients with Concomitant Hip fractures

Mikaela Swann, Undergraduate Student,
The effect of Neuronal Microtubule disruption by MiniSOG on lifespan of C. elegans

Chioma Tait, Graduate Student,
Criminalization of Black Girls and its Impact on Academic Achievement

Tatiana Tammosova, Staff,
Screening for Sickle Cell and other hemoglobin variants in the Washington metropolitan area

Essien Taylor, Undergraduate Student,
Developing Functions for Magnetopause Size and Shape

Angelique Teasley, Post Doc/Resident/
Fellow/Research Associate,
Factors Influencing Facial Profile Preference

Samson Tekka, Professional Student,
Incorporating Virtual Reality Technology to Chemistry Laboratory Safety Training

Wintana Tewolde, Undergraduate Student,
Poroviscoelastic Shell Mechanics of HIV Pseudovirus

Tisa Thomas, Professional Student,
Preliminary Ecological Evaluations of Cannabis Use and Sleep

Oluwadamilola Thomas, Professional Student,
Uterine Artery Pseudoaneurysm: An Iatrogenic Cause of Postpartum Hemorrhage

D'nai Thomas, Undergraduate Student,
Isolation and Characterization of Phage SynergyX

Shondace Thomas, Undergraduate Student,
EmotiColl: Towards Understanding and Prediction of Harmful Acts by Depressed Students

Ashlee Thomas, Post Doc/Resident/Fellow/
Research Associate,
Electronic Toothbrush Use and Its Influence on Brushing Frequency in Children

Lauren Thompson, Graduate Student,
The Psychological Effects of Viewing Police Brutality Videos Among African American Young Adults

Maya Thornton, Undergraduate Student,
How Urban Density Affects Water Accessibility in Developing Countries

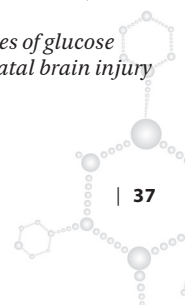
Christopher Tilford, Undergraduate Student,
Atomistic simulation of thermal conductivity of graphene: challenges and recommendations

Alethia Tilford, Undergraduate Student,
No Sabe Television sin Gringos: Identifying the Lack of Afro-Latinos in Telenovelas

Hoang Tong, Undergraduate Student,
The Role of Social Media and Mobile App on Weight Management of Overweight/Obese

Nancy Trang, Professional Student,
Biomimetic Remineralization of Hydroxyapatite for Enamel Repair

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



Ashley Turner, Junior Faculty/ Lecturer/
Instructor,
*FACE-UP: Educating and Empowering Teens on
Prevention*

Brooke Turner, Undergraduate Student,
*Isolating, Characterizing, and Identifying
Skywalker*

Nancy Varice, Undergraduate Student,
*Methodology of DNA Extraction and Sequencing
of New York African Burial Ground Soil Samples*

Jordan Villa, Post Doc/Resident/Fellow/
Research Associate,
*PREDICTORS OF IN-HOSPITAL
AMBULATORY STATUS FOLLOWING LOW
ENERGY HIP FRACTURE SURGERY*

André Vincent, Undergraduate Student,
*Safe and Sound: Towards Understanding,
Evaluating, and Creating LGBTQ Safe Spaces
with Technology*

Kameron Walker, Undergraduate Student,
Bacteriophage Cassius

Nina Wallace, Undergraduate Student,
*Role of Distal Enhancer Regulatory Elements in
Altered NIPBL Gene Expression Levels*

Dyrian Wandick, Professional Student,
*Incorporating Interventional Radiology into
Medical School Curriculum: Report on Year 2 of
Establishing a Longitudinal Study*

Simon Wang, Senior Faculty,
*Incorporating Virtual Reality Technology to
Chemistry Laboratory Safety Training*

Xingting Wang, Junior Faculty/ Lecturer/
Instructor,
*Noncommutative algebra from a geometric point
of view*

Olivia Ware, Professional Student,
*Buyer beware or you might get burned:
Unregulated photosensitizing agents available
without prescription from major online retailers*

Olivia Ware, Professional Student,
*"What's in a name? that which we call a [red]
rose": Reconsidering erythema, pathognomonic
phrases, and hallmark descriptors in skin of
color*

Olivia Ware, Graduate Student,
*The Limitations of Fitzpatrick Skin Type: A
student perspective on the constraints of the
dermatologic tool.*

Raines Warren, Undergraduate Student,
*Exploring How Coral Reef Structural Complexity
Impacts Ecosystem Functions and Reef Recovery*

Briana Washington, Undergraduate Student,
*Do "tongue-eating" isopods actually eat tongues
of fishes?*

Brianna Washington, Professional Student,
*Screening for Adverse Childhood Experiences
(ACEs): A discussion on the importance of
Trauma-Informed Practices*

Mya Wells, Undergraduate Student,
*An Examination of Urban Air Pollution from
Traffic and Construction around Howard
University Campus*

Precious Wells, Undergraduate Student,
*Screening for the Presence of blaOXA-58 in
Mosquitoes Collected from Ethiopia*

Emma jeanne Wilkin, Undergraduate Student,
*Shifts in Flowering of Willows (Salix spp.) Over
Time and by Plant Sex*

Jalen Williams, Undergraduate Student,
Discovering the Real Jayswill

Lauren Williams, Undergraduate Student
*Isolation and Characterization of
Mycobacteriophage Cherise from an
environmental soil sample from Howard
University*

Bria Williams, Undergraduate Student,
*Influence of the Traditional Read-Aloud on
Student Perception of Literacy*

Erin Winrow, Undergraduate Student,
*Characterization of Vaginal Secretions following
Mucocept administration in Rhesus Macaques*

Deborah Woods, Undergraduate Student,
*Connected Paths: the Complex and Dynamic
Rise of Internet Media in South Africa*

Woldegebriel Yeiby, Graduate Student,
*Green Chemical Synthesis of Amodiaquine: anti
malaria drug*

Harena Yemane, Undergraduate Student,
*Numerical Method for Solving the Far Field
Refractor Problem*

Simone Yhap, Undergraduate Student,
*Incidence of Antibiotic Resistance in Bacteria
Isolates From Ready to Eat Vegetables in
Washington, D.C.*

Todd Young, Graduate Student,
*Streptomycin Complexed Exosomes for the
Treatment of Leishmaniasis*

