Leadership Alliance National Symposium
Hartford Marriott & Convention Center
Hartford, Connecticut
July 28–30, 2017

Training         Mentoring         Inspiring

Member Institutions
Brooklyn College
Brown University
Chaminade University of Honolulu
Claflin University
Columbia University
Cornell University
Dartmouth College
Dillard University
Harvard University
Heritage University
Howard University
Hunter College
Johns Hopkins University
Montana State University — Bozeman
Morehouse College
Morgan State University
New York University
North Carolina Agricultural and Technical State University
Princeton University
Spelman College
Stanford University
Tougaloo College
Tufts University
University of Chicago
University of Colorado, Boulder
University of Maryland, Baltimore County
University of Miami
University of Pennsylvania
University of Puerto Rico
University of South Florida
University of Virginia
Washington University in St. Louis
Xavier University of Louisiana
Vanderbilt University
Yale University

Associate Member
Novartis Institutes for BioMedical Research
It is my distinct honor and privilege to welcome you to the 2017 Leadership Alliance National Symposium! This year marks the 25th anniversary of the Leadership Alliance! Our theme, *Celebrating 25 Years: Mentoring. Training. Inspiring* is a testimony to a quarter century of leadership, commitment and support.

To launch the celebration of our silver anniversary, we have invited members of the Alliance community to participate in a new project, **25 Years … 25 Stories**. Alliance alumni, faculty and administrators have a compelling narrative to share. This project provides our community of scholars an opportunity to share stories of their personal and professional journeys. These stories reveal insights into their connections with the Alliance that illuminated and made possible the various career paths our best and brightest have chosen.

This anniversary program promises to be inspirational, engaging and memorable. I invite you to take advantage of all that the conference has to offer. Engage in scholarly discourse, network with a purpose and participate in academic, professional and career development opportunities to inform the next steps in your personal and professional path.

As the Executive Director of the Leadership Alliance, I am humbled and honored to further the mission of the Alliance. I am deeply grateful for my team and the collective efforts of the Alliance alumni, faculty, administrators who are making a difference in the future of our colleges and universities and in the aspirations for increased diversity and inclusion that we all share. We celebrate and applaud you for mentoring, training and inspiring the next generation!

Have a wonderful conference!
Celebrating 25 Years:
Mentoring. Training. Inspiring

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<td>Registration</td>
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<td>11:00am - 3:00pm</td>
<td>PowerPoint Presentation Upload I</td>
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<td>12:00pm - 2:00pm</td>
<td>Orientation/Funding/Networking Sessions by Moderators Training</td>
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<tr>
<td>5:30pm - 6:30pm</td>
<td>Graduate Research Fellowship Programs (GRFP) Undergraduate Seniors, First and Second Year Graduate Students in STEM, Social Sciences, Psychology, Physics &amp; Astronomy, Materials Research, Life Sciences, Geosciences</td>
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<td>Community Meeting Coordinators, Administrators &amp; All Faculty</td>
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<tr>
<td>7:00pm - 9:15pm</td>
<td>Dinner/Welcome/25 Years...25 Stories</td>
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<tr>
<td>9:30pm - 10:30pm</td>
<td>PowerPoint Presentation Upload III</td>
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<td>Receptions for Administrators, Coordinators, Doctoral Scholars, All Faculty, Graduate Students, Guests</td>
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*Headshots can be taken all day Saturday in CTCC Boardroom B Level 4 and will stop at 5:00 PM.

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<thead>
<tr>
<th>Time</th>
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<tr>
<td>7:00am - 7:25am</td>
<td>Poster Setup</td>
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<td>7:30am - 9:00am</td>
<td>Post-baccalaureate Opportunities, Developing Your Network: Best Practices for Networking</td>
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<td>11:15am - 12:45pm</td>
<td>Student Oral Presentations Session II - All Disciplines</td>
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<tr>
<td>1:00pm - 2:30pm</td>
<td>Lunch with Doctoral Scholars Panel</td>
<td>Biosciences, MD-PhD, Engineering &amp; Physical Sciences</td>
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<td>2:45pm - 4:15pm</td>
<td>Lunch with Doctoral Scholars Panel</td>
<td>Humanities &amp; Social Sciences</td>
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<td>4:20pm - 4:40pm</td>
<td>Student Oral Presentations Session III - All Disciplines</td>
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<tr>
<td>4:45pm - 6:00pm</td>
<td>Student Oral Presentations Session IV - All Disciplines</td>
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<td>5:30pm - 6:45pm</td>
<td>5-65pm FYRE Students</td>
<td>6:00pm L.A. Coordinators</td>
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<td>6:15pm LAMI Students</td>
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<td>7:00pm - 9:00pm</td>
<td>Dinner, Roll Call &amp; Keynote Speaker</td>
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<td>9:30pm - 12:00am</td>
<td>Dance Party</td>
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<td>7:00am - 10:00am</td>
<td>Recruiting Fair Setup</td>
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<td>8:00am - 9:45am</td>
<td>Breakfast Panels: Graduate School Application &amp; Interview Process</td>
<td>Applied &amp; Basic Biosciences</td>
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<td>10:00am - 11:00am</td>
<td>Leadership Alliance Alumni Association Meeting</td>
<td>MD-PhD</td>
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<td>10:00am - 12:00pm</td>
<td>Recruiting Fair - All Disciplines</td>
<td>Humanities &amp; Social Sciences</td>
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<td>11:00am - 12:00pm</td>
<td>Academic Year Workshop Facilitator Training</td>
<td>Engineering &amp; Physical Sciences</td>
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<td>12:30pm - 1:00pm</td>
<td>How To Stay Connected with the Leadership Alliance/Lunch Will Be Served/Raffle</td>
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Agenda 2017

Friday, July 28

11:00am – 5:00pm
Leadership Alliance Conference Registration .................................................. Connecticut Convention Center (CTCC) Esplanade

11:00am – 3:00pm
PowerPoint Upload Session I .................................................................................. CTCC Ballroom Pre-Function

12:00pm – 2:00pm
Networking Lunch - Everyone .................................................................................. CTCC Ballroom B

〜 Break, 2:00 pm – 2:45 pm 〜

Undergraduates:
3:00pm – 5:00pm
Orientation/Funding/Networking Session by Discipline

Applied & Basic Biosciences .................................................................................. CTCC Meeting Room 24-26
Moderators: Joel Oppenheim, Research Professor, Department of Microbiology, Professor Emeritus of Microbiology, Department of Microbiology; Sheila Thomas, Dean for Academic Programs and Diversity, Harvard University

Funding Your Education Panel:
Irene Hulede, Manager, Student Programs, American Society for Microbiology
Joel Oppenheim, Research Professor, Department of Microbiology, Professor Emeritus of Microbiology, Department of Microbiology
Sheila Thomas, Dean for Academic Programs and Diversity, Harvard University

Humanities & Social Sciences .................................................................................. CTCC Meeting Room 21-22
Moderators: Keisha John, Director of Diversity Programs, Office of Graduate and Postdoctoral Affairs, University of Virginia; Majida Kargbo, Graduate Student, American Studies, Brown University

Funding Your Education Panel:
Leislie Godo-Solo, Associate Director, Institute for Recruitment of Teachers
Keisha John, Director of Diversity Programs, Office of Graduate and Postdoctoral Affairs, University of Virginia
Christine O’Brien, Ford Fellowship, National Academy of Sciences, Engineering, and Medicine

Engineering & Physical Sciences ............................................................................. CTCC Meeting Room 23
Moderator: Don Brunson, Assistant Dean, Graduate School and Director, Enhancing Diversity in Graduate Education Program, Vanderbilt University; David Stout, Assistant Professor, Department of Mechanical & Aerospace Engineering, California State University, Long Beach

Funding Your Education Panel:
Don Brunson, Assistant Dean, Graduate School and Director, Enhancing Diversity in Graduate Education Program, Vanderbilt University
Sara Xayarath Hernandez, Director of Diversity Programs, Engineering College, Cornell University/Institute for Broadening Participation
4:00pm – 5:00pm
Moderators Training..............................................................CTCC Meeting Room 27
Moderator: D’Ondre Swails, Graduate Student, Africana Studies, Brown University

5:30pm – 6:30pm
Graduate Research Fellowship Programs (GRFP)...........................................CTCC Meeting Room 13
(This session is for Undergraduate Seniors, First and Second Year Graduate Students in STEM, Social Sciences, Psychology, Physics & Astronomy, Materials Research, Life Sciences, Geosciences)
Moderator: David Stout, Assistant Professor, Department of Mechanical & Aerospace Engineering, California State University, Long Beach

5:30pm – 6:30pm
Leadership Alliance Community Meeting..........................................................CTCC Meeting Room 11
Moderator: Medeva Ghee, Executive Director, The Leadership Alliance, Assistant Professor of the Practice of Behavioral and Social Sciences, Brown University

7:00pm – 9:15pm
Welcome, Dinner, 25 Years…25 Stories ......................................................CTCC Ballroom B
Moderator: Medeva Ghee, Executive Director, The Leadership Alliance, Assistant Professor of the Practice of Behavioral and Social Sciences, Brown University

Speakers:
Marcus Jones, Sr. Program Manager, R&D Planning, Strategy & Operations, Regeneron Pharmaceuticals, Inc.
Teresa Ramirez, National Human Genome Research Institute/American Society of Human Genetics (NHGRI/ASHG) Genetics and Education fellow
La Marr Jurelle Bruce, Assistant Professor, American Studies, University of Maryland, College Park
Tiffany Brannon, Assistant Professor Department of Psychology, University of California, Los Angeles
Juan F. Carrillo, Associate Professor, School of Education, University of North Carolina Chapel Hill
Scharri Ezell Walker, Assistant Professor, Biology, Tougaloo College

9:30pm – 10:30pm
Reception.................................................................................................City Side Lounge
Administrators, Coordinators, Doctoral Scholars, Faculty, Graduate Students and Guests

9:30pm – 10:30pm
PowerPoint Upload Session III........................................................................CTCC Ballroom Pre-Function
Saturday, July 29

7:00am – 7:25am
Poster Setup....................................................................................................................................................CTCC Ballroom C

7:30am – 9:00am
Undergraduate Breakfast
Post-Baccalaureate Opportunities (PREP & Gap Year Scholar Program) Applied & Basic Biosciences, Engineering, Physical Sciences, & MD-PhD ..............................................................CTCC Ballroom A

**Moderators:** Arnaldo Diaz, Assistant Dean for Research Training Programs, University of Pennsylvania; Anastasia Awad, Scientific Program Manager Office of Education, Diversity & Inclusion, Novartis Institutes for Biomedical Research

7:30am – 9:00am
Undergraduate Breakfast
NEW Curating Your Online Presence
Humanities & Social Sciences........................................................................................................................................CTCC Meeting 24/25

**Moderator:** Majida Kargbo, Graduate Student, American Studies, Brown University

7:30am – 9:00am
Undergraduate, Graduate Student & Doctoral Scholar Breakfast
NEW Developing Your Network: Best Practices for Networking ........................................................................CTCC Ballroom B

**Moderator:** Lauren Celano, CEO, Propel Careers

7:30am – 9:00am
Administrators, Coordinator, Faculty, and Guest Breakfast
Identifying and Addressing Unconscious Bias for Leadership Excellence (Part I) ................................................Marriott D&E

**Moderator:** Dr. Sandra L. Barnes, Assistant Vice Chancellor for Equity, Diversity, and Inclusion Professor, Department of Human and Organizational Development and the Divinity School Professor of Sociology, Department of Sociology (Secondary Appointment) Affiliated Faculty, African American Studies and Diaspora Studies & Research Center Editor, Issues in Race & Society: An Interdisciplinary Global Journal, Vanderbilt University

9:00am – 5:00pm
Professional Headshots ........................................................................................................................................CTCC Boardroom B Level 4

9:00am – 5:00pm
Leadership Alliance Conference Registration .......................................................................................................CTCC Esplanade

9:00am – 11:00am
Student Oral Presentations Session I

- **Applied & Basic Biosciences** ...........................................................................................................CTCC Meeting Rooms 11-13
- **Humanities & Social Sciences** ..........................................................................................................CTCC Meeting Rooms 23, 26, and 27

9:15am – 10:45am
Student Poster Presentations ..............................................................................................................................CTCC Ballroom C

11:15am – 12:45pm
Student Oral Presentations Session II

- **Applied & Basic Biosciences** ...........................................................................................................CTCC Meeting Rooms 11-17
- **Engineering & Physical Sciences** ......................................................................................................CTCC Meeting Rooms 21-23
- **Humanities & Social Sciences** ..........................................................................................................CTCC Meeting Rooms 24-27
Lunch with Doctoral Scholars & Graduate Students (Panel)
Undergraduates in Applied & Basic Biosciences,
MD-PhD & Engineering & Physical Sciences ................................................................. CTCC Ballroom B
Moderator: Scharri Walker, Assistant Professor, Biology, Tougaloo College

Speakers:
Rhiannon Aguilar, MD-PhD Candidate, Weill Cornell Medicine
David Stout, Assistant Professor, Dept. of Mechanical & Aerospace Engineering; Dept. of Biomedical Engineering, California State University Long Beach
Tammi Taylor, Assistant Professor, Jackson State University
Armando Tolliver, Secondary Education Practitioner, School District of Philadelphia

Lunch with Doctoral Scholars (Panel)
Undergraduates in Humanities & Social Science........................................................... CTCC Ballroom A
Moderator: La Marr Jurelle Bruce, Assistant Professor, American Studies, University of Maryland, College Park

Speakers:
Juan Carrillo, Associate Professor, School of Education, University of North Carolina Chapel Hill
Marta Holliday, Assistant Professor, Language & Literatures, Alabama State University
Majida Kargbo, Graduate Student, American Studies, Brown University

Graduate Students & Doctoral Scholars
NEW Self-Assessment & Career Exploration: Methods for Exploring Careers
That fit Your Interests, Values and Skills........................................................................ Marriott A&B
Moderator: Christina Medina-Ramirez, Director of the Skirball Science Learning Center, Hunter College

Administrators, Coordinators, Faculty, and Guests
Identifying and Addressing Unconscious Bias for Leadership Excellence (Part II)..........................Marriott D&E
Moderator: Dr. Sandra L. Barnes, Assistant Vice Chancellor for Equity, Diversity, and Inclusion Professor, Department of Human and Organizational Development and the Divinity School Professor of Sociology, Department of Sociology (Secondary Appointment) Affiliated Faculty, African American Studies and Diaspora Studies & Research Center Editor, Issues in Race & Society: An Interdisciplinary Global Journal, Vanderbilt University

2:45pm – 4:15pm
Student Oral Presentations Session III
Applied & Basic Biosciences .......................................................................................... CTCC Meeting Rooms 11-17
Engineering & Physical Sciences ..................................................................................... CTCC Meeting Rooms 21-23
Humanities & Social Sciences .......................................................................................... CTCC Meeting Rooms 24-27

4:45pm – 6:00pm
Student Oral Presentations Session IV
Applied & Basic Biosciences ......................................................................................... CTCC Meeting Rooms 11-17 and 21-23
Engineering & Physical Sciences ..................................................................................... CTCC Meeting Rooms 21
Humanities & Social Sciences ......................................................................................... CTCC Meeting Rooms 21 and 24-27
5:30pm – 6:15pm
Leadership Alliance Photos for the Following Groups ONLY ........................................... CTCC Carpeted Stairs on Exhibitor Level
FYRE Students: 5:40pm
L.A. Coordinators: 6:00pm
LAMI Students: 6:15pm

〜 Doors open at 6:30pm for dinner 〜

7:00pm – 9:00pm
Dinner, Keynote Speaker ............................................................................................................. CTCC Ballroom B
Dr. Juan Gilbert, Andrew Banks Family Preeminence Endowed Professor and Chair Computer & Information Science & Engineering Department Herbert Wertheim College of Engineering University of Florida

9:30pm – 12:00am
Dance ............................................................................................................................................ CTCC Ballroom A

Sunday, July 30

7:30am – 10:00am
Exhibitors Set-up for Recruiting Fair .......................................................................................... CTCC Ballroom C

〜 Breakfast served 8:00-8:45am. Sessions conducted from 8:45-9:45am 〜

Undergraduate Breakfast and Panels: The Graduate School Application

Applied & Basic Biosciences ....................................................................................................... CTCC Ballroom B
Moderator & Panelist: Joel Oppenheim, Research Professor, Department of Microbiology, Professor Emeritus of Microbiology, Department of Microbiology
Panelists:
Keisha John, Director of Diversity Programs, Office of Graduate and Postdoctoral Affairs, University of Virginia
Sheila Thomas, Dean for Academic Programs and Diversity, Harvard University

MD-PhD ................................................................................................................................. CTCC Meeting Room 21/22
Moderator & Panelist: Nancy Schwartz, Associate Dean for Postdoctoral Affairs and Co-Director of the Office of Graduate Affairs, University of Chicago
Panelist:
Naoko Tanese, Associate Dean for Biomedical Sciences; Director of the Sackler Institute of Graduates Biomedical Sciences, New York University

Humanities & Social Sciences ................................................................................................. CTCC Meeting Room 24/25
Moderator & Panelist: Joseph Brown, Graduate Diversity Recruitment Officer, Stanford University
Panelist:
Pat Rea, Associate Director for Admissions, Graduate Division School of Arts & Sciences, University of Pennsylvania
Engineering & Physical Sciences  CTCC Meeting Room 23

**Moderator & Panelist:** Don C. Brunson, Assistant Dean, Graduate School and Director, Enhancing Diversity in Graduate Education Program, Vanderbilt University

**Panelist:**
Michelle Nearon, Associate Dean for Graduate Student Development and Diversity, Director OGSDD, Yale University

8:00am – 9:45am
AAAS Presentation  ............................................................................................................................................CTCC Meeting Room 26/27
Applying for the AAAS Science & Technology Policy Fellowships
Graduate Students, Doctoral Scholar & Faculty

**Moderator:** Chloe Poston, Associate Director, The Leadership Alliance Executive Office

10:00am – 11:00am
Leadership Alliance Alumni Association Meeting .........................................................................................CTCC Meeting Room 26/27

10:00am – 12:00pm
Recruiting Fair ..................................................................................................................................................CTCC Ballroom C

11:00am – 12:00pm
Academic Year Workshop Facilitator Training ...............................................................................................CTCC Meeting Room 26/27

12:30pm – 1:00pm
How to Stay Connected with the Leadership Alliance ..................................................................................CTCC Ballroom B
Lunch Provided

**Speaker:** Medeva Ghee, Executive Director, The Leadership Alliance, Assistant Professor of the Practice of Behavioral and Social Sciences, Brown University
Dr. Juan E. Gilbert is The Banks Preeminence Chair in Human-Centered Computing and Chair of the Computer & Information Science & Engineering Department at the University of Florida where he leads the Human Experience Research Lab. Dr. Gilbert has research projects in spoken language systems, advanced learning technologies, usability and accessibility, Ethnocomputing (Culturally Relevant Computing) and databases/data mining. He has published more than 180 articles, given more than 250 talks and obtained more than $25 million dollars in research funding. He is a Fellow of the American Association of the Advancement of Science and a member of the National Academy of Inventors. In 2012, Dr. Gilbert received the Presidential Award for Excellence in Science, Mathematics, and Engineering Mentoring from President Barack Obama. He also received the American Association for the Advancement of Science (AAAS) 2014 Mentor Award. He was recently named one of the 50 most important African-Americans in Technology. He was also named a 2015-2106 AAAS-Lemelson Invention Ambassador, Speech Technology Luminary by Speech Technology Magazine and a national role model by Minority Access Inc. Dr. Gilbert is also a National Associate of the National Research Council of the National Academies, an ACM Distinguished Scientist and a Senior Member of the IEEE. Dr. Gilbert was named a Master of Innovation by Black Enterprise Magazine, a Modern-Day Technology Leader by the Black Engineer of the Year Award Conference, the Pioneer of the Year by the National Society of Black Engineers and he received the Black Data Processing Association (BDPA) Epsilon Award for Outstanding Technical Contribution. In 2002, Dr. Gilbert was named one of the nation’s top African-American Scholars by Diverse Issues in Higher Education. In 2013, the Black Graduate and Professional Student Association at Auburn University named their Distinguished Lecture Series in honor of Dr. Gilbert. Dr. Gilbert testified before the Congress on the Bipartisan Electronic Voting Reform Act of 2008 for his innovative work in electronic voting. In 2006, Dr. Gilbert was honored with a mural painting in New York City by City Year New York, a non-profit organization that unites a diverse group of 17 to 24-year-old young people for a year of full-time, rigorous community service, leadership development, and civic engagement.
Oral Presentations by Name

Santiago Acero Bedoya .................. 11:15 AM, CC- 11
Presentation Title: Mechatronomnolysis Analysis of Breast Cancer Cells from Needle Biopsy
Research Mentor: Michelle Dawson
Research Institution: Brown University
Home Institution: Ohio State University
Co-Authors: Deepraj Ghosh and Michelle Dawson, Brown University
AB

Sergio Acevedo ......................... 11:15 AM, CC- 16
Presentation Title: Binding Affinity of Human Splicosomal Protein RBM22 to the RNA Catalytic Core
Research Mentor: Nancy Greenbaum
Research Institution: Hunter College
Home Institution: UPR-Aguadilla
Co-Authors: Nancy Greenbaum and Joanna Ciavarella, Hunter College
BB

Roberto Ackerman ..................... 3:30 PM, CC- 24
Presentation Title: Fighting for Their Past: Student Movements in Rural Normales in Face of Neoliberal Reforms in Mexico
Research Mentor: Patricia Fernandez-Kelly
Research Institution: Princeton University
Home Institution: University of California Los Angeles
Co-Authors: Patricia Fernández-Kelly, Princeton University
SS

Serifat Adebola .......................... 4:45 PM, CC- 14
Presentation Title: The Effect of Temperature on Viral Genetic Diversity
Research Mentor: Sagi Shapira
Research Institution: Columbia University
Home Institution: New York City Technical College
Co-Authors: Sagi Shapira, Evandro Winkelman and Sandra Mayer, Columbia University
AB

Olaide Adejobi ............................. 5:45 PM, CC- 24
Presentation Title: Mythologizing Trauma: Reading Womanhood in Stories of Resilience
Research Mentor: Amanda Joyce Hall
Research Institution: Yale University
Home Institution: Williams College
Co-Authors: Amanda Joyce Hall, Yale University
HU

Gabrielle Akcelik ......................... 9:00 AM, CC- 27
Presentation Title: The Influence of Genetic Plasticity and Socioeconomic Status on the Relationship between Brain Morphology and Cognitive Function
Research Mentor: Marc Berman
Research Institution: University of Chicago
Home Institution: Brooklyn College CUNY
Co-Authors: Marc Berman and Carlos Cardenas-Iniguez, University of Chicago
SS

Diego Aleman ............................. 12:00 PM, CC- 25
Presentation Title: Social Justice, Culturally Relevant Pedagogy, and Science Education
Research Mentor: Bryan Brown
Research Institution: Stanford University
Home Institution: American University
Co-Authors: Bryan Brown, Stanford University
SS

Je’lon Alexander ......................... 12:30 PM, CC- 27
Presentation Title: Atlanta and the Black Power Movement
Research Mentor: Claudrena Harold
Research Institution: University of Virginia
Home Institution: Morehouse College
Co-Authors: Claudrena Harold, University of Virginia
HU

Presentation Categories Key

AB  Applied Biosciences, Molecular Processes and Genetics, Biochemistry
BB  Basic Biosciences, Human Biology & Disease, Public Health, Biomedical Engineering
EN  Engineering, Mechanical, Electrical & Materials Engineering
ES  Earth Science, Environment Sciences, Geosciences, Marine Sciences
HU  Humanities, Literature, Language Arts, History, Media
PE  Policy & Ethics, Politics, Policy & Legislation, Ethics, Philosophy & Reasoning
PS  Physical Science, Chemistry, Math, Physics, Computer Sciences, Computer Engineering
SS  Social Science, Sociology, Economics, Psychology, and Behavior Sciences
Austin Alvarez

3:15 PM, CC- 26

Presentation Title: Caudillo of the People: Tracing Icon and Memory of Pancho Villa
Research Mentor: Dain Borges
Research Institution: University of Chicago
Home Institution: University of California Los Angeles
Co-Authors: Emilio Kouri, Dain Borges and Enrique Davila, University of Chicago

Jonas Alvarez

5:30 PM, CC- 21

Presentation Title: Applying Metabolomics Techniques to Identify Biomarkers in Alzheimer’s Disease
Research Mentor: Aalim Weljie
Research Institution: University of Pennsylvania
Home Institution: Hunter College
Co-Authors: Arjun Sengupta and Aalim Weljie, University of Pennsylvania

Valeria Arce

3:30 PM, CC- 25

Presentation Title: Recognizing and Describing Thriving Communities in Latin America
Research Mentor: Tony Lin
Research Institution: University of Virginia
Home Institution: UPR-Rio Piedras
Co-Authors: Tony Lin, Universidad Catholica de Argentina; Lucila Crena, University of Virginia

Elena Arroyo

3:45 PM, CC- 22

Presentation Title: FG-Nup Aggregation with Specific Crowding Agents
Research Mentor: Loren Hough
Research Institution: University of Colorado Boulder
Home Institution: San Diego State University
Co-Authors: Sophie Reskin, Laura K Maguire and Loren Hough, University of Colorado Boulder

Diego Atehortúa

11:15 AM, CC- 27

Presentation Title: Envisioning Blackness in the Age of Revolution: Images of Afro-Descendants and the Rhetoric of Freedom in Early 19th Century Colombia
Research Mentor: Cécile Fromont
Research Institution: University of Chicago
Home Institution: Rutgers University
Co-Authors: Cécile Fromont, University of Chicago

William Atienza

9:30 AM, CC- 27

Presentation Title: Development of a Coding System for the Judgmental Review of Cultural Bias in International Test Comparisons
Research Mentor: Guillermo Solano-Florez
Research Institution: Stanford University
Home Institution: California State Polytechnic University, Pomona
Co-Authors: Guillermo Solano-Flores, Stanford University

Marnay Avant

10:00 AM, CC- 27

Presentation Title: Who’s at Home?: Understanding the Demographics of Stay at Home Parents
Research Mentor: Alexandra Killewald
Research Institution: Harvard University
Home Institution: Colby College
Co-Authors: Alexandra Killewald, Harvard University, Dept of Sociology

Jose Aveldanes

11:45 AM, CC- 25

Presentation Title: Household Shocks and Vulnerable Students: How Social Risks Propagate Across Domains
Research Mentor: Adam Goldstein
Research Institution: Princeton University
Home Institution: University of South Carolina - Columbia
Co-Authors: Adam Goldstein, Princeton University

Bakare Awakoaiye

3:00 PM, CC- 15

Presentation Title: Estrogen Receptor Effects on Oxidative Stress and Inflammation in Human Macrophages
Research Mentor: Kimberly Williams
Research Institution: University of Pennsylvania
Home Institution: Howard University
Co-Authors: Kimberly Williams and Kelly Jordan-Sciutto, University of Pennsylvania
Annabel Azziz                      5:00 PM, CC- 16
Presentation Title: Verification of Heterotopic Ossification in acvr1l_Q204D Mutant Zebrafish
Research Mentor: Pamela Yelick
Research Institution: Tufts University Sackler School of Graduate Biomedical Sciences
Home Institution: Fordham University
Co-Authors: Melissa LaBonty and Pamela Yelick, Tufts University School of Graduate Biomedical Sciences

David Bautista                      5:30 PM, CC- 12
Presentation Title: Determining the Structure of the N - Terminal and C- Terminal Domains in SMN1 Protein in Association with Neurodegenerative Diseases
Research Mentor: Nicolas Fawzi
Research Institution: Brown University
Home Institution: Texas A&M University Kingsville
Co-Authors: Nicolas Fawzi, Kaylee Mathews and Veronica Ryan, Brown University

Nahid Baghdadi                    9:15 AM, CC- 12
Presentation Title: Brain Alterations Associated with Cognitive Impairment in a Mouse Model of Chronic Hypertension
Research Mentor: Monica Santisteban
Research Institution: Weill Cornell Medical College
Home Institution: Michigan State University
Co-Authors: Monica Santisteban, Teresa Milner and Costantino Iadecola, Weill Cornell Graduate School

Hilary Bediako                    11:30 AM, CC- 17
Presentation Title: Investigating the Role of Myostatin in the Phenotypic Regulation of Adipose Tissue
Research Mentor: Paul Cohen
Research Institution: The Rockefeller University
Home Institution: Amherst College
Co-Authors: Francois Marchildon and Paul Cohen, The Rockefeller University

Daniela Barbosa                  10:15 AM, CC- 11
Presentation Title: Effect of Choroideremia Inhibition on Zebrafish Behavior
Research Mentor: Robbert Creton
Research Institution: Brown University
Home Institution: University of Texas Rio Grande Valley
Co-Authors: Robbert Creton, Robert Thorn and Danielle Bestoso, Brown University

Joshua Bender                     12:30 PM, CC- 24
Presentation Title: Inside the Balikbayan: Accessing Filipina/o Americanness, Subjectivity, and Mystification in Contemporary Filipina/o American Literature
Research Mentor: Crystal Parikh
Research Institution: New York University
Home Institution: New York University
Co-Authors: Crystal Parikh, New York University

Isabel Barraza                   11:45 AM, CC- 22
Presentation Title: Electrochemical Activation of Small Molecules of Energy and Environmental Impact
Research Mentor: Thomas Jaramillo
Research Institution: Stanford University
Home Institution: University of Texas at El Paso
Co-Authors: Joel Sanchez, Stanford University; Yanyu Wu, University of Texas at El Paso; Thomas Jaramillo, Stanford University

Gregorio Benitez                 2:45 PM, CC- 17
Presentation Title: Creating a Tool to Study Specific Signals Responsible for Rsv-Dvg Generation
Research Mentor: Carolina Lopez
Research Institution: University of Pennsylvania
Home Institution: Brown University
Co-Authors: Yan Sun and Carolina Lopez, University of Pennsylvania

Pallavi Bhusal                    3:15 PM, CC- 21
Presentation Title: Monitoring Degradation of Enzyme-Sensitive Hydrogels by Poly(lactic-co-glycolic acid) Cell Mimetics
Research Mentor: Stephanie Bryant
Research Institution: University of Colorado Boulder
Home Institution: University of Colorado Boulder
Co-Authors: Stephanie Bryant, University of Colorado Boulder

EN
Taylor Bird McGuire ..................... 9:00 AM, CC- 23
Presentation Title: Effects of Race on Children's Trust
Research Mentor: Lori Markson
Research Institution: Washington University in St. Louis
Home Institution: Washington University in St. Louis
Co-Authors: Hyesung Grace Hwang and Lori Markson, Washington University in St. Louis
Oyindamola Bola ......................... 5:15 PM, CC- 26
Presentation Title: Critical Examination of Black Womanhood Through the Sermons of Pentecostal Black Women Preachers
Research Mentor: Omar McRoberts
Research Institution: University of Chicago
Home Institution: Ohio State University
Co-Authors: Omar McRoberts, University of Chicago

Jasmin Brooks ......................... 10:45 AM, CC- 23
Presentation Title: Bridging the Gap: Examining the Role of Same- and Cross-Race Peer Relationships in Middle School Students' Academic Outcomes
Research Mentor: Lauren Molloy Elreda
Research Institution: University of Virginia
Home Institution: University of North Carolina Chapel Hill
Co-Authors: Lauren Molloy Elreda, Amanda K. Kibler and Haley E. Johnson, University of Virginia

Jacob Broussard .................... 4:45 PM, CC- 25
Presentation Title: De-Colonizing the Archive: Sovereignty, Place, Infrastructure, and Contemporary Navajo Art
Research Mentor: Aaron Fox
Research Institution: Columbia University
Home Institution: University of Southern California
Co-Authors: Aaron Fox, Columbia University

Zakiya Browne .................. 11:30 AM, CC- 25
Presentation Title: Gentrification: School Choice and the Emergence of Charter Schools in New York City
Research Mentor: Dalton Conley
Research Institution: Princeton University
Home Institution: University at Albany SUNY
Co-Authors: Dalton Conley, Princeton University

Breanna Byrd ...................... 2:45 PM, CC- 26
Presentation Title: Aftermath Revisited: The Slum Phenomenon, Postcolonial Urban Initiatives, and ‘Assistance’ Refusal in Accra
Research Mentor: Awam Ampka
Research Institution: New York University
Home Institution: New York University
Co-Authors: Awam Ampka, New York University

Elaine Camacho-Hernandez ............ 2:45 PM, CC- 13
Presentation Title: Evaluating the Effects of HIPK2 Catalytic Inhibition on Castration-Resistant Prostate Cancer Cells
Research Mentor: Susan Logan
Research Institution: New York University Sackler Institute
Home Institution: UPR-Ponce
Co-Authors: Russell J. Ledet, Phillip Thomas and Susan K. Logan, New York University

Kyara Carr ......................... 11:45 AM, CC- 11
Presentation Title: A New Role for Nav1.5: Preserving Intercellular Adhesion Strength
Research Mentor: Mario Delmar
Research Institution: New York University
Home Institution: Fayetteville State University
Co-Authors: Esperanza Agullo-Pascual and Mario Delmar, New York University

Gabriela Casanova ............. 5:00 PM, CC- 11
Presentation Title: Role of Phospholipases in the Structure of Lysosomes
Research Mentor: Jennifer Roscoe
Research Institution: Cornell University
Home Institution: UPR-Mayaguez
Co-Authors: William J. Brown and Jennifer Roscoe, Cornell University
Jasmin Castillo ........................................... 9:45 AM, CC- 23
Presentation Title: The Link between Teachers' Implicit Bias, Exclusionary Discipline, and Expectations for Students: Does the Racial/Ethnic Match Between Teachers and Students Matter?
Research Mentor: Jason Downer
Research Institution: University of Virginia
Home Institution: Fordham University
Co-Authors: Jason T. Downer and Catherine M. Corbin, University of Virginia

Sara Castro ................................. 10:45 AM, CC- 26
Presentation Title: ESL in Puerto Rico: Situating the Importance of Language and Identity in an Unusual Context
Research Mentor: Cheryl Krueger
Research Institution: University of Virginia
Home Institution: UPR-Rio Piedras
Co-Authors: Cheryl Krueger, University of Virginia

Antoinette Charles ......................... 9:45 AM, CC- 13
Presentation Title: The Neural Basis of Sensory Substitution in the Blind
Research Mentor: Kevin Chan
Research Institution: New York University
Sackler Institute
Home Institution: Georgia State University
Co-Authors: Kevin Chan, New York University

Juanetziel Charneco ....................... 12:00 PM, CC- 12
Presentation Title: Exploring Mechanism of Increased Acetylcholine in the Right Ventricle in Pulmonary Arterial Hypertension
Research Mentor: Gaurav Choudhary
Research Institution: Brown University
Home Institution: UPR-Aguadilla
Co-Authors: Gaurav Choudhary, Brown University

Elaine Chen ........................................... 5:30 PM, CC- 14
Presentation Title: Determining the Contributions of Staphylococcus Aureus Leukocidins During Macrophage Infection
Research Mentor: Victor Torres
Research Institution: New York University
Sackler Institute
Home Institution: Texas A&M University
Co-Authors: Victor Torres and Erin Zwack, New York University

Madison Choi ............................ 12:30 PM, CC- 26
Presentation Title: “Walking the Tightrope”: Nostalgia, Monstrosity, and Gender in the Netflix Original Series Stranger Things
Research Mentor: Sylvia Chong
Research Institution: University of Virginia
Home Institution: Chaminade University of Honolulu
Co-Authors: Sylvia Chong, University of Virginia

Heidi Cobarrubias ........................... 4:00 PM, CC- 15
Presentation Title: Dynamics of Immunoglobulin A Binding to Gut Commensals
Research Mentor: Shipra Vaishnava
Research Institution: Brown University
Home Institution: East Tennessee State University
Co-Authors: Shipra Vaishnava and Kevin Holt, Brown University

Bryan Cobo .......................... 4:00 PM, CC- 16
Presentation Title: Determining the Effects of Chronic Interferon Stimulation on Heme Oxygenase Expression in Human Monocyte Derived Macrophages
Research Mentor: Dennis Kolson
Research Institution: University of Pennsylvania
Home Institution: UPR-Rio Piedras
Co-Authors: Rolando Garza and Dennis L. Kolson, University of Pennsylvania

Lydia Coley .......................... 11:15 AM, CC- 24
Presentation Title: Hip-hop and Shakespeare: To Be or Not to Be, Dawg
Research Mentor: Natalie Strobach
Research Institution: Johns Hopkins University
Home Institution: Johns Hopkins University
Co-Authors: Natalie Strobach, Johns Hopkins University

Kenya Collins .......................... 10:15 AM, CC- 12
Presentation Title: Determining the Mechanisms of Synaptic Localization in the AIB Neuron of C. elegans
Research Mentor: Daniel Colon-Ramos
Research Institution: Yale University
Home Institution: Tennessee State University
Co-Authors: Daniel Colon-Ramos and Titas Sengupta, Yale University

AB
Nadia Colombi............................3:45 PM, CC- 23
Presentation Title: Characterizing the Stable Isotopic Composition of Ammonia Emitted Through Gasoline and Diesel Fuel Combustion in Providence, Rhode Island
Research Mentor: Meredith Hastings
Research Institution: Brown University
Home Institution: University of California Los Angeles UCLA
Co-Authors: Wendell Walters and Meredith Hastings, Brown University

Ana Colon .............................. 11:30 AM, CC- 22
Presentation Title: Mapping Ancient Lakebeds on Mars and Implications for Future Exploration
Research Mentor: Ralph Milliken
Research Institution: Brown University
Home Institution: Dartmouth College
Co-Authors: Ralph Milliken, Brown University

Genesis Colon-Ortiz................. 11:15 AM, CC- 23
Presentation Title: Can Natural Cements Fix Our Aging Infrastructure?
Research Mentor: Wil Srubar
Research Institution: University of Colorado Boulder
Home Institution: UPR-Rio Piedras
Co-Authors: Juan Pablo Gevaudan and Wil Srubar, University of Colorado Boulder

Eva Cordero .............................4:00 PM, CC- 25
Presentation Title: Race, Place, and Self-Reported Identity in the Puerto Rican Diaspora
Research Mentor: Fred Harris
Research Institution: Columbia University
Home Institution: Amherst College
Co-Authors: Fredrick Harris, Columbia University

Diana Cordero Dumit...............2:45 PM, CC- 23
Presentation Title: Long-Chain Diols as a Paleoenvironmental Proxy in Lake Sediments
Research Mentor: James Russell
Research Institution: Brown University
Home Institution: Barry University
Co-Authors: Ashling Neary and James Russell, Brown University

Emmanuel Correa Vázquez......... 11:45 AM, CC- 24
Presentation Title: Jorge Luis Borges And Emerson’s Religious Aesthetics: A Common Appreciation and Expression of the Mystical Experience
Research Mentor: Luis Girón Negrón
Research Institution: Harvard University
Home Institution: UPR-Rio Piedras
Co-Authors: Luis Girón Negrón, Harvard University, Dept of Romance Languages and Literature
HU

Austin Cotter ......................... 9:45 AM, CC- 12
Presentation Title: Neural Encoding of Vowel Formant Frequency in Normal-Hearing Listeners: A Replication
Research Mentor: Mario Svirsky
Research Institution: New York University Sackler Institute
Home Institution: Arizona State University
Co-Authors: Mario Svirsky, Jonathan Neukam and Elad Sagi, New York University

Edwin Cruz Aguirre .................12:30 PM, CC- 21
Presentation Title: Exoplanet Atmosphere Temperature Using Sodium Absorption During Transit
Research Mentor: Phil Arras
Research Institution: University of Virginia
Home Institution: Rensselaer Polytechnic Institute
Co-Authors: Phil Arras, Chenliang Huang and Meng Sun, University of Virginia

Gabrielle Davis ...................... 11:30 AM, CC- 21
Presentation Title: The Effect of Temperature Data Assimilation on Low-Level Wind and Surface Pressure Fields in Mars Atmosphere Models
Research Mentor: Tiffany Shaw
Research Institution: University of Chicago
Home Institution: University of Maryland, Baltimore County
Co-Authors: Tiffany Shaw and Todd Mooring, University of Chicago

Rodney Davis ......................... 3:30 PM, CC- 21
Presentation Title: Nanoscale Polymer Heat Transfer
Research Mentor: David Green
Research Institution: University of Virginia
Home Institution: Piedmont Virginia Community College
Co-Authors: David Green, Patrick Hopkins and Chester Szwejkowski, University of Virginia

Robinson De Jesus Romero ............... 9:45 AM, CC- 27
Presentation Title: Testing White Matter Microstructure as a Predictor of Conversion from Conduct Disorder to Antisocial Personality Disorder Using DTI
Research Mentor: David Zald
Research Institution: Vanderbilt University
Home Institution: UPR-Rio Piedras
Co-Authors: Kendra Hinton and David Zald, Vanderbilt University

Ana Defendini .................................. 10:00 AM, CC- 11
Presentation Title: Activation of Oxytocin Target Neurons After a Social Interaction in Female Rats
Research Mentor: Robert Spencer
Research Institution: University of Colorado Boulder
Home Institution: UPR-Rio Piedras
Co-Authors: Robert Spencer and Sarah Morton, University of Colorado Boulder; Amy Perkins, Binghamton University

Jose Del Rio Pantoja ...................... 5:00 PM, CC- 12
Presentation Title: Mapping Structural Landscape of Galectin-9 to Determine Antibody Binding Sites
Research Mentor: Shohei Koide
Research Institution: New York University
Sackler Institute
Home Institution: Pennsylvania State University
Co-Authors: Linxiao Chen and Shohei Koide, New York University

Pamela Del Valle ............................. 4:45 PM, CC- 23
Presentation Title: Understanding Fear Extinction Through Activity-Dependent Calcium Fluorescence of Neuronal Subtypes in the Basolateral Amygdala
Research Mentor: Conor Liston
Research Institution: Weill Cornell Graduate School
Home Institution: University of Texas at Austin
Co-Authors: Conor Liston, Thu Huynh and Robert Fetcho, Weill Cornell Graduate School

Jocelyn Delgada .............................. 5:30 PM, CC- 16
Presentation Title: Expression of a Slow Myosin Motor in Fast Skeletal Muscle Drives Slow-Type Gene Expression
Research Mentor: Leslie Leinwand
Research Institution: University of Colorado Boulder
Home Institution: UC Santa Cruz
Co-Authors: Leslie Leinwand and Genevieve Kerr, University of Colorado Boulder

Carlos Detres Roman .................... 5:45 PM, CC- 14
Presentation Title: Defining Amino Acids Required for Oligomerization of Helicobacter pylori VacA Toxin
Research Mentor: Mark S. McClain
Research Institution: Vanderbilt University
Home Institution: UPR-Aguadilla
Co-Authors: Mark S. McClain and Timothy L. Cover, Vanderbilt University

Sebastian Diaz .......................... 5:15 PM, CC- 14
Presentation Title: Using Human Monoclonal Antibodies to Better Understand Influenza Virus Evolution
Research Mentor: Scott Hensley
Research Institution: University of Pennsylvania
Home Institution: UPR-Mayaguez
Co-Authors: Seth J. Zost and Scott E. Hensley, University of Pennsylvania

Abdias Diaz-Rosado ...................... 9:00 AM, CC- 11
Presentation Title: Effects of Early Life Morphine on Response to Cocaine in Adulthood
Research Mentor: Julie Blendy
Research Institution: University of Pennsylvania
Home Institution: UPR-Rio Piedras
Co-Authors: Kate Brynildsen and Julie Blendy, University of Pennsylvania

Zaniyah Dock .............................. 11:15 AM, CC- 22
Presentation Title: Determining the Membership of Globular Cluster M2 with APOGEE Data
Research Mentor: Nitya Kallivayalil
Research Institution: University of Virginia
Home Institution: Spelman College
Co-Authors: Nitya Kallivayalil and Shane Davis, University of Virginia
Andy Dorfeuille ......................... 12:15 PM, CC- 16
Presentation Title: Investigating the Effect of Mutated Radical Holding Residues on DNA Charge Transport
Research Mentor: Walter Chazin
Research Institution: Vanderbilt University
Home Institution: Morehouse College
Co-Authors: Lauren Salay and Walter Chazin, Vanderbilt University

Shantavia Edmonds ......................... 3:15 PM, CC- 22
Presentation Title: Synthesis and Application of Organocatalyst
Research Mentor: Michael Hilinski
Research Institution: University of Virginia
Home Institution: Claflin University
Co-Authors: Michael Hilinski and Balaram Raya, University of Virginia

Savannah Downing ......................... 3:45 PM, CC- 21
Presentation Title: Synthesis of In-doped SnTe Nanowires
Research Mentor: Judy Cha
Research Institution: Yale University
Home Institution: Iowa State University
Co-Authors: Judy Cha and John Woods, Yale University

Taqiyyah Elliott ......................... 12:15 PM, CC- 25
Presentation Title: Beyond the Preschool Classroom: How Family Involvement Relates to Observed and Teacher-Reported Task Engagement Across Income Levels
Research Mentor: Khara Turnbull
Research Institution: University of Virginia
Home Institution: Xavier University of Louisiana
Co-Authors: Renee Gallo, Shannon Reilly and Sarah Wymer, University of Virginia

Shiron Drusinsky ......................... 10:30 AM, CC- 13
Presentation Title: Secernin-1 is a Novel Protein Found in the Pathological Hallmarks of Alzheimer's Disease
Research Mentor: Thomas Wisniewski
Research Institution: New York University Sackler Institute
Home Institution: UC Santa Cruz
Co-Authors: Eleanor Drummond, Geoffrey Pires and Thomas Wisniewski, New York University

Eric Ellison ......................... 4:00 PM, CC- 17
Presentation Title: Identifying and Recording Microsatellites from Individuals of Aotus azarae in Order to Track Paternity Correlations with the Dispersal of Specific Individuals
Research Mentor: Adalgisa Caccone
Research Institution: Yale University
Home Institution: Washington University in St. Louis
Co-Authors: Adalgisa Caccone, Eduardo Fernandez-Duque and Margaret Corley, Yale University

Xavier Durham ......................... 12:00 PM, CC- 27
Presentation Title: The Anti-Black Assemblage: Racialized Surveillance, Policing, and Social Control in Urban Brazil
Research Mentor: Miguel Centeno
Research Institution: Princeton University
Home Institution: University of Texas at Austin
Co-Authors: Miguel Centeno, Princeton University

Lucas Encarnacion-Rivera ........ 11:15 AM, CC- 13
Presentation Title: The NALCN Ion Channel and Calmodulin: An Investigation Into Their Interaction
Research Mentor: Dejian Ren
Research Institution: University of Pennsylvania
Home Institution: Emory University
Co-Authors: Dejian Ren and Apoorva Bharthur, University of Pennsylvania

Chantel Duscent ......................... 3:15 PM, CC- 17
Presentation Title: Understanding the Kinetics of Endothelial Cell Tube Formation in vitro Using Live Cell Imaging Techniques
Research Mentor: Natalie Claudio
Research Institution: Novartis Institutes for BioMedical Research
Home Institution: Claflin University
Co-Authors: Natalie Claudio, Novartis Institutes for BioMedical Research
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<th>Name</th>
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<td>Isaiah Eruaga</td>
<td>11:30 AM</td>
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<td>Presentation Title:</td>
<td>Identification of the Kinase</td>
<td>Respondible for DNA Damage-Induced ASF1A Phosphorylation</td>
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<td>Research Mentor:</td>
<td>Jessica Tyler</td>
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<td>Co-Authors:</td>
<td>Jessica Tyler, Faith Fowler and Ting-Hsiang Hoang, Weill Cornell Medical College</td>
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<td>Lilah Evans</td>
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<td>Presentation Title:</td>
<td>Visual Textures as Probes of Early Human Visual Processing</td>
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<td>Research Mentor:</td>
<td>Jonathan Victor</td>
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<td>Co-Authors:</td>
<td>Jonathan Victor and Mary Conte, Weill Cornell Graduate School of Medical Sciences</td>
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<td>Melaine Ferdinand-King</td>
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<td>Presentation Title:</td>
<td>Opting Out: Black Students and Black Studies at Historically Black Colleges and Universities</td>
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<td>Research Mentor:</td>
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<td>India Ferguson</td>
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<td>Presentation Title:</td>
<td>Dismantling Primitivism</td>
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<td>Carrie Filion</td>
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<td>Presentation Title:</td>
<td>Exploring the Transition to Eternal Inflation in Multi-Field Theories</td>
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<td>Risa Wechsler</td>
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<td>Co-Authors:</td>
<td>Ashley Perko and Risa Wechsler, Stanford University School of Humanities &amp; Sciences</td>
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<td>Rubén Flores</td>
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<td>Presentation Title:</td>
<td>Are My Informants Rappers? Hip Hop and Models of Racial Discourse in the Red River Valley</td>
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<td>Research Mentor:</td>
<td>Joshua Tucker</td>
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<td>Matthew Ford</td>
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<td>Presentation Title:</td>
<td>Ain't I a Brista?: Conceptualizing Black Non-Binary Performativity Through Musical Iconography and Technology</td>
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<td>Research Mentor:</td>
<td>E. Kwame Otu</td>
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<td>Elliot Frank</td>
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<td>Presentation Title:</td>
<td>Black Nature in Yusef Komunyakaa's Magic City</td>
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<td>Research Mentor:</td>
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<td>D'Nea Galbraith</td>
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<td>Presentation Title:</td>
<td>The Effects of Early Life Stress on Medial Preoptic Area Development</td>
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<td>Research Mentor:</td>
<td>Kevin Bath</td>
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<td>Co-Authors:</td>
<td>Meghan Gallo, Mizan Gillard, Marques Love and Kevin Bath, Brown University</td>
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<td>Jasmine Garani</td>
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<td>Presentation Title:</td>
<td>Snapshot A Star Survey (SASSY)</td>
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<td>Research Mentor:</td>
<td>Bruce Macintosh</td>
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<td>Co-Authors:</td>
<td>Eric Nielsen and Bruce Macintosh, Stanford University School of Humanities &amp; Sciences; Franck Marchis, Search for Extraterrestrial Intelligence (SETI) Institute</td>
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<td>Gustavo Garcia</td>
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<td>Presentation Title:</td>
<td>Autonomy: Considering the Right Thereof for People with Alzheimer's Disease</td>
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<td>Research Mentor:</td>
<td>Gideon Rosen</td>
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<td>Co-Authors:</td>
<td>Gideon Rosen, Princeton University</td>
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Lizmarie Garcia ............................... 5:15 PM, CC- 22
Presentation Title: Exploring Molecular Mechanisms of Stress Susceptibility After Traumatic Brain Injury Using Drosophila as a Model Organism
Research Mentor: Nancy Bonini
Research Institution: University of Pennsylvania
Home Institution: UPR-Mayaguez
Co-Authors: Nancy Bonini and Janani Saikumar, University of Pennsylvania
BB

Kelly Garrett ............................... 10:00 AM, CC- 26
Presentation Title: The Bigger Picture: Exploring Linkages Between Children's Television Use and Vocabulary Skills at Preschool Entry
Research Mentor: Khara Turnbull
Research Institution: University of Virginia
Home Institution: Howard University
Co-Authors: Khara Turnbull, Renee Gallo and Shannon Reilly, University of Virginia
SS

Miguel Gomez ............................... 4:45 PM, CC- 15
Presentation Title: Generating Targeted Mutations in Group B Strep Using CRISPR-Cas Technology
Research Mentor: Adam Ratner
Research Institution: New York University Sackler Institute
Home Institution: Cornell University
Co-Authors: Tom Hooven and Adam Ratner, New York University
BB

Athena Gordon ............................... 9:00 AM, CC- 26
Presentation Title: "I don't want to have a divide": Examining Teachers’ Beliefs about Peer Relationships in Linguistically Diverse Classrooms
Research Mentor: Lauren Molloy Elreda
Research Institution: University of Virginia
Home Institution: Pacific Lutheran University
Co-Authors: Lauren Molloy Elreda, Amanda Kibler and Haley E. Johnson, University of Virginia
SS

Olivia Gorushi ............................... 3:00 PM, CC- 16
Presentation Title: Comparative Analysis of Microbiome and Host Response in Chronic, Surgical, and Traumatic Wounds
Research Mentor: Elizabeth Grice
Research Institution: University of Pennsylvania
Home Institution: University of Arizona
Co-Authors: Elizabeth Grice, Julia Bugayev and Joseph Horwinski, University of Pennsylvania
AB

Carolina Gracia-D'az ........................... 3:30 PM, CC- 14
Presentation Title: The Role of tRNA Post-transcriptional Q-modification in Cell Metabolism of Breast Cancer Cell Lines
Research Mentor: Tao Pan
Research Institution: University of Chicago
Home Institution: UPR-Mayaguez
Co-Authors: Tao Pan and Zaneta Matuszek, University of Chicago
BB

Anthony Graves ............................... 9:00 AM, CC- 13
Presentation Title: Anatomical Mapping of Hippocampal Inputs to Entorhinal Cortex
Research Mentor: Jayeeta Basu
Research Institution: New York University Sackler Institute
Home Institution: Duke University
Co-Authors: Jayeeta Basu and Ariel Hairston, New York University
BB

Shirley Green ............................... 10:15 AM, CC- 23
Presentation Title: Demographic Influences on Adolescents' Experience with Discrimination
Research Mentor: Melvin Wilson
Research Institution: University of Virginia
Home Institution: Morgan State University
Co-Authors: Melvin Wilson and Shannon Savell, University of Virginia
SS

Valentina Grillo Alvarado .......................... 12:15 PM, CC- 12
Presentation Title: Long Term Exposure of NADPH Oxidase-Derived ROS on Murine Coronary Vessels after Myocardial Infarction
Research Mentor: Ruhul Abid
Research Institution: Brown University
Home Institution: UPR-Rio Piedras
Co-Authors: Ruhul Abid and Isabella McCormack, Brown University; Bonnie Colantuono, Rhode Island Hospital
AB

Maya Hale ............................... 10:30 AM, CC- 12
Presentation Title: Possible Roles of dNdfip in Robo-dependent Repulsion at the Midline of the Drosophila Embryonic Central Nervous System
Research Mentor: Greg Bashaw
Research Institution: University of Pennsylvania
Home Institution: University of Maryland, Baltimore County
Co-Authors: Madhavi Gorla and Greg Bashaw, University of Pennsylvania
BB
Mikayla Harden ........................................ 4:00 PM, CC- 24
Presentation Title: Enslaved Youth in Rhode Island
Research Mentor: Emily Owen
Research Institution: Brown University
Home Institution: University of Texas at Austin
Co-Authors: Emily Owens, Brown University
HU

Julia Harrer ........................................... 5:30 PM, CC- 17
Presentation Title: Engineering a Gene Expression Driver to Uncover Novel Signals Directing Stem Cell Niche Morphogenesis
Research Mentor: Lauren Anllo
Research Institution: University of Pennsylvania
Home Institution: Pennsylvania State University
Co-Authors: Lauren Anllo and Steve DiNardo, University of Pennsylvania
BB

Lauren Harris .......................................... 5:45 PM, CC- 22
Presentation Title: Internalization Dynamics of the Disease-Associated Dopamine Transporter A559V Variant
Research Mentor: Sandra Rosenthal
Research Institution: Vanderbilt University
Home Institution: University of Maryland, Baltimore County
Co-Authors: Lucas Thal and Sandra Rosenthal, Vanderbilt University
BB

Robert Henderson ................................... 3:15 PM, CC- 27
Presentation Title: Children's Sensitivity to the Rarity of Objects
Research Mentor: Hyowon Gweon
Research Institution: Stanford University
Home Institution: Yale University
Co-Authors: Hyowon Gweon and Grace Bennett-Pierre, Stanford University
SS

Shekinah Hernandez ................................. 11:30 AM, CC- 12
Presentation Title: Generation of RGS10 and RGS18 Double Knockout Mice Using CRISPR/Cas9
Research Mentor: Lawrence Brass
Research Institution: University of Pennsylvania
Home Institution: Hampton University
Co-Authors: Lawrence Brass and Peisong Ma, University of Pennsylvania
BB

Taylor Hernandez ................................. 3:15 PM, CC- 23
Presentation Title: Creating Tunable Substrates for 2D Bilayer Silica through Epitaxial Growth
Research Mentor: Eric Altman
Research Institution: Yale University
Home Institution: University of Notre Dame
Co-Authors: Eric I. Altman and Gregory S. Hutchings, Yale University
PS

Albert Holler .......................................... 3:45 PM, CC- 17
Presentation Title: Use of Next-Generation Sequencing to Identify Germline Mutations Predisposing to the Development of Familial Lymphoproliferative Disorders
Research Mentor: Lucy Godley
Research Institution: University of Chicago
Home Institution: Vanderbilt University
Co-Authors: Lucy Godley and Kiran Tawana, University of Chicago
BB

Micah Holness ........................................ 2:45 PM, CC- 27
Presentation Title: Recall of Emotional Scenes Following Eye Movements
Research Mentor: Joo-Hyun Song
Research Institution: Brown University
Home Institution: Xavier University of Louisiana
Co-Authors: Joo-Hyun Song and Dan McCarthy, Brown University
SS

Nicholas Hortance .................................. 4:45 PM, CC- 16
Presentation Title: Development of a Fracture Toughness Framework to Analyze Space-Flown Mice Humeri
Research Mentor: Virginia Ferguson
Research Institution: University of Colorado Boulder
Home Institution: University of Miami
Co-Authors: Jennifer Coulombe, Alicia Ortega and Virginia Ferguson, University of Colorado Boulder
AB

Jason Hughes .......................................... 12:00 PM, CC- 11
Presentation Title: In Silico Cell-Specific Guinea Pig Cardiac Myocyte Electrophysiological Model Optimization and Dynamics
Research Mentor: David Christini
Research Institution: Weill Cornell Graduate School
Home Institution: University of Maryland, Baltimore County
Co-Authors: David Christini and Trine Krogh-Madsen, Weill Cornell Medical College
AB
Ranad Humeidi ........................................ 12:00 PM, CC- 23
Presentation Title: Synthesis and Optimization of a Near-Infrared Fluorescent Choline Kinase a Inhibitor: Cyclo JAS 239
Research Mentor: Edward J. Delikatny
Research Institution: University of Pennsylvania
Home Institution: University of Texas at San Antonio
Co-Authors: Anatoliy Popov and Edward J. Delikatny, University of Pennsylvania
PS

Paige Hutton ..................................... 11:45 AM, CC- 26
Presentation Title: Whitewashing the Universe: Representations of, and threats to, Racialized Queerness in Steven Universe
Research Mentor: Michael Ralph
Research Institution: New York University
Home Institution: Wesleyan University
Co-Authors: Michael Ralph, New York University
HU

Bryan Ibarra ..................................... 12:30 PM, CC- 11
Presentation Title: Screen Bioprinting the Extracellular Matrix of the Retina
Research Mentor: Erin Lavik
Research Institution: University of Maryland, Baltimore County
Home Institution: University of Miami
Co-Authors: Adam R. Day and Erin B. Lavik, University of Maryland, Baltimore County
AB

Gabriela Ibarra .................................. 3:30 PM, CC- 12
Presentation Title: The Role of SETD2 in Relapsed B-Cell Acute Lymphoblastic Leukemia
Research Mentor: William Carroll
Research Institution: New York University
Sackler Institute
Home Institution: Northern Illinois University
Co-Authors: William L. Carroll, Nikki Evensen and Ashfiyah Chowdhury, New York University
AB

Janet Ibarra ..................................... 11:15 AM, CC- 26
Presentation Title: Xingonas con Curvas: Conceptualizing the Body Fetishization and Body Appropriation of Women of Color by Mainstream Culture
Research Mentor: Arlene Davila
Research Institution: New York University
Home Institution: CSU Dominguez Hills
Co-Authors: Arlene Davila, New York University
HU

Bashir Idris ...................................... 4:00 PM, CC- 14
Presentation Title: Developing Reversible Inhibitors for Diacylglycerol-beta
Research Mentor: Ken Hsu
Research Institution: University of Virginia
Home Institution: Virginia Commonwealth University
Co-Authors: Ken Hsu and Myungsun Shin, University of Virginia
BB

Kathryn Ippolito ............................... 11:45 AM, CC- 16
Presentation Title: Discovering the Biological Function of TRMT10A and TRMT10B
Research Mentor: Chuan He
Research Institution: University of Chicago
Home Institution: Bowdoin College
Co-Authors: Chuan He and Sigrid Nachtergaele, University of Chicago
BB

Emberly Jackson ............................... 3:15 PM, CC- 16
Presentation Title: MetaSUB (Metagenomics and Metadesign of Subways and Urban Biomes)
Research Mentor: Daniela Bezdan
Research Institution: Weill Cornell Medical College
Home Institution: Mississippi State University
Co-Authors: Christopher Mason, Daniela Bezdan and Heba Shaaban, Weill Cornell Medical College
BB

Malek Jacobs .................................. 4:00 PM, CC- 11
Presentation Title: A Chemical Genetics Approach to Study Circulating Tumor Cell Clusters in Zebrafish Melanoma Cells
Research Mentor: Richard White
Research Institution: Memorial Sloan Kettering Cancer Center
Home Institution: Cornell University
Co-Authors: Richard White, Memorial Sloan Kettering Cancer Center; Nathaniel Campbell, Weill Cornell/ Rockefeller/Sloan-Kettering Tri-Institutional; Apeksha Singh, University of California, Berkeley
AB

Noelle Janak ................................. 4:45 PM, CC- 27
Presentation Title: Is Hip-Hop Feminism Enuf?: A Critical Examination of Hip-Hop Feminism in the Age of Ferguson
Research Mentor: Linda Nicholson
Research Institution: Washington University in St. Louis
Home Institution: Saint Louis University
Co-Authors: Linda Nicholson, Washington University in St. Louis
HU
Thamara Jean .......................... 2:45 PM, CC- 24
Presentation Title: Protest and the Pessimist:
Analyzing the Philosophical Contentions of
Black Lives Matter
Research Mentor: Brandon Terry
Research Institution: Harvard University
Home Institution: Hunter College
Co-Authors: Brandon Terry, Harvard University,
Dept of African and African American Studies
PE

Alyssa Johnson ......................... 9:15 AM, CC- 11
Presentation Title: Examining the Role of the
rs16969968 Polymorphism in Alcohol-Induced
Locomotor Activity and Sensitization
Research Mentor: Marissa Ehringer
Research Institution: University of Colorado Boulder
Home Institution: Virginia Polytechnic Institute and
State University
Co-Authors: Matthew Powers and Marissa Ehringer,
University of Colorado Boulder
BB

Brittany Johnson .......................... 12:00 PM, CC- 15
Presentation Title: How Does Gamete Fusion Work
at the Molecular Level?
Research Mentor: Mark Johnson
Research Institution: Brown University
Home Institution: Tougaloo College
Co-Authors: Jennifer Forcina and Mark Johnson,
Brown University
BB

Jaleese Johnson .......................... 2:45 PM, CC- 25
Presentation Title: Are You In or Out? How Social
Groups Shape Opinions Towards Immigrants
and Refugees
Research Mentor: Ariela Schachter
Research Institution: Washington University in St. Louis
Home Institution: Xavier University of Louisiana
Co-Authors: Ariela Schachter, Washington University
in St. Louis
SS

Betsy Juarez .............................. 9:45 AM, CC- 11
Presentation Title: Interaction Between Developmental
Nicotine Exposure and D397N Mice Across
Multiple Generations
Research Mentor: Jerry Stitzel
Research Institution: University of Colorado Boulder
Home Institution: UC Irvine
Co-Authors: Jerry Stitzel, Heidi O’Neill and Jordan
Buck, University of Colorado Boulder
BB

Nicolas Juarez ................................ 5:45 PM, CC- 26
Presentation Title: IndiansXXX: Pornography, Native
American Women, and Settler Sexual Violence
Research Mentor: Maria Montoya
Research Institution: New York University
Home Institution: University of Oklahoma
Co-Authors: Maria Montoya, New York University
HU

Victoria Juarez ............................ 5:00 PM, CC- 26
Presentation Title: We Hold These Truths To Be Self-
Evident That Women Are Not Created Equal: A
Critical Analysis of Elite Women’s Marriage Rights
in the Early American Republic
Research Mentor: S. Max Edelson
Research Institution: University of Virginia
Home Institution: Santa Clara University
Co-Authors: S. Max Edelson, University of Virginia
HU

Manasa Kadiyala ........................... 5:30 PM, CC- 23
Presentation Title: Investigating the Role of NFkB1
on Age-associated Osteoprogenitor Cell
(OPC) Dysfunction
Research Mentor: Philipp Leucht
Research Institution: New York University
Sackler Institute
Home Institution: University of Georgia
Co-Authors: Philipp Leucht and Anne Marie Josephson,
New York University
BB

Caitlyn Keeve ............................. 5:00 PM, CC- 25
Presentation Title: Songs of a Secret Country: A
Cross-Cultural Analysis of Aboriginal Australian
Art as a Mode of Symbolic Cognition
Research Mentor: Henry Skerritt
Research Institution: University of Virginia
Home Institution: Mount St. Mary’s College
Co-Authors: Henry Skerritt, University of Virginia
HU

Rebeca King .............................. 12:00 PM, CC- 17
Presentation Title: The Role of Hnf1a in Human β-Cells
and Monogenic Diabetes
Research Mentor: Paul Gadue
Research Institution: University of Pennsylvania
Home Institution: Rice University
Co-Authors: Fabian L Cardenas-Diaz and Paul Gadue,
University of Pennsylvania
BB
Eniola Kolawole .......................... 5:30 PM, CC-26
Presentation Title: The Growth of an Identity: How the Emergence of Salons for Muslim Women and Natural Haired Women of African Descent Affects Their Identities in a Eurocentric and Islamophobic America
Research Mentor: Arlene Davila
Research Institution: New York University
Home Institution: New York University
Co-Authors: Arlene Davila, New York University

Kaia Kolodgie .............................. 3:30 PM, CC-26
Presentation Title: Jury Nullification: America’s Hidden Law in the Court Room
Research Mentor: Kaia Kolodgie
Research Institution: Johns Hopkins University
Home Institution: Johns Hopkins University
Co-Authors: Natalie Strobach, Johns Hopkins University

Rachit Kumar .............................. 3:15 PM, CC-14
Presentation Title: Role of Mutant IDH1 in Conferring Resistance Against Menin Inhibitor
Research Mentor: Viviane Tabar
Research Institution: Weill Cornell Medical College
Home Institution: Georgia Institute of Technology
Co-Authors: Kosuke Funato, Yanhong Yang and Viviane Tabar, Memorial Sloan Kettering Cancer Center

Tomi Ladipo ............................... 9:30 AM, CC-12
Presentation Title: Investigating the Requirement of Motor Cortex in Learning and Executing a Motor Skill
Research Mentor: Wenbiao Gan
Research Institution: New York University Sackler Institute
Home Institution: North Carolina A&T State University
Co-Authors: Wenbiao Gan and Wei Ji, New York University

Alyssa Laffitte ............................. 11:30 AM, CC-14
Presentation Title: Arsenic Induces Degradation of Dihydrofolate Reductase
Research Mentor: Patrick Stover
Research Institution: Cornell University
Home Institution: University of Miami
Co-Authors: Martha Field, Denise Stover and Patrick Stover, Cornell University

Dyana Lazo ................................. 9:30 AM, CC-26
Presentation Title: “You Can Hear Them Talking About You”: The Role of Language in Middle School Friendships
Research Mentor: Joanna Williams
Research Institution: University of Virginia
Home Institution: CSU Long Beach
Co-Authors: Joanna Williams, Lora Henderson and Lauren Mims, University of Virginia

John Leake ................................. 4:00 PM, CC-26
Presentation Title: Steaming Up: The Bolshevik Use of Railways and the Building of a Soviet State, 1917-1922
Research Mentor: Robert Crews
Research Institution: Stanford University
Home Institution: New York University
Co-Authors: Robert D. Crews, Stanford University

Rhea Leftridge ............................... 10:15 AM, CC-26
Presentation Title: Prestige, Credibility, and African-American Vernacular English: Judgments of African-American Women in Professional Settings
Research Mentor: Mina Cikara
Research Institution: Harvard University
Home Institution: UC Berkeley
Co-Authors: Mina Cikara, Harvard University, Dept of Psychology

Petro Leka ................................. 5:00 PM, CC-13
Presentation Title: Host-specific Characterization of Different Fidelity Variants of the Chikungunya Virus Polymerase
Research Mentor: Kenneth Stapleford
Research Institution: New York University Sackler Institute
Home Institution: Jacobs University Bremen
Co-Authors: Kenneth Stapleford, New York University

Jose Liboy ................................. 3:30 PM, CC-13
Presentation Title: Regulation of Migration and Invasion by Notch in Triple Negative Breast Cancer
Research Mentor: Robert Babak Faryabi
Research Institution: University of Pennsylvania
Home Institution: UPR-Mayaguez
Co-Authors: Jelena Petrovic and Robert Babak Faryabi, University of Pennsylvania
Kimya Loder ........................................... 3:00 PM, CC- 24
Presentation Title: Dignity and Diversity: Black Activists Challenging Traditional Identity Politics within Tunisian Civil Society
Research Mentor: Robert Wuthnow
Research Institution: Princeton University
Home Institution: Spelman College
Co-Authors: Robert Wuthnow, Princeton University

Deja Logan ........................................... 11:30 AM, CC- 26
Presentation Title: Mask On, Mask Off: Performance of American Beauty Standards among Second-Generation West African Women
Research Mentor: Shamus Khan
Research Institution: Columbia University
Home Institution: Howard University
Co-Authors: Shamus Khan, Columbia University

Joshua Lovett ........................................... 10:30 AM, CC- 26
Presentation Title: Student-teacher Interactions: Examining the Relationship Between Opportunities to Respond and Student Vocabulary Knowledge
Research Mentor: Michael Kennedy
Research Institution: University of Virginia
Home Institution: Duke University
Co-Authors: Michael Kennedy and John Romig, University of Virginia

Kanan Luce ........................................... 9:15 AM, CC- 26
Presentation Title: Constructing Interpretations of “Do That” from Prior Language and Context
Research Mentor: Chris Kennedy
Research Institution: University of Chicago
Home Institution: UC Berkeley
Co-Authors: Ming Xiang, Chris Kennedy and Jeffrey Geiger, University of Chicago

Emily Maccabee ........................................... 12:00 PM, CC- 14
Presentation Title: Comparing in vitro and in vivo Glycosylation Patterns of Rhodopsin Receptors, Olfactory Receptors, and Beta-2 Adrenergic Receptors
Research Mentor: Paul Feinstein
Research Institution: Hunter College
Home Institution: Emory University
Co-Authors: Paul Feinstein, Hunter College

Betanya Mahary ........................................... 3:15 PM, CC- 24
Presentation Title: Youth Political Consciousness and Escaping Eritrea as a Form of Resistance: Documenting the Narratives of Youth Experiences
Research Mentor: Keisha-Khan Perry
Research Institution: Brown University
Home Institution: Spelman College
Co-Authors: Keisha-Khan Perry, Brown University

Timothy Maher ........................................... 4:45 PM, CC- 17
Presentation Title: The Effect of Antibiotics on B Cell Differentiation in Asthmatic Mice
Research Mentor: Martin Blaser
Research Institution: New York University Sackler Institute
Home Institution: Wagner College
Co-Authors: Timothy Borbet, Megan Daniele and Martin Blaser, New York University

Kaien Majied ........................................... 3:45 PM, CC- 27
Presentation Title: Examining the Effects of Off-Color Disability Humor on Relationships with Disabled Persons
Research Mentor: Tammy English
Research Institution: Washington University in St. Louis
Home Institution: Claflin University
Co-Authors: Tammy English and Katlin Bentley, Washington University in St. Louis

Karen Malacon ........................................... 10:00 AM, CC- 13
Presentation Title: Csf1r Inhibitor Treatment of Neurodegenerative Disease Caused by Somatic Mutation in Microglia
Research Mentor: Elvira Mass
Research Institution: Memorial Sloan Kettering Cancer Center
Home Institution: Harvard University
Co-Authors: Elvira Mass, Memorial Sloan-Kettering; Frederic Geissmann, The Rockefeller University

Rosa Maldonado ........................................... 11:15 AM, CC- 25
Presentation Title: Economic Deprivations, Ethnicity, and Education in Latin America
Research Mentor: Emily Hannum
Research Institution: University of Pennsylvania
Home Institution: CSU Northridge
Co-Authors: Emily Hannum, Andrea Alvarado Urbina and Ran Liu, University of Pennsylvania
Alexandra Maldonado-Lopez ........3:15 PM, CC- 12
Presentation Title: Investigating the Effects of Increased Shear Stress Via Aerobic Exercise on Metastases to the Lung
Research Mentor: Sandra Ryeom
Research Institution: University of Pennsylvania
Home Institution: UPR-Ponce
Co-Authors: Kerry Roby and Sandra Ryeom, University of Pennsylvania

German Martinez .........................3:30 PM, CC- 16
Presentation Title: The Impact of Gut Microbial Diversity in Infant Mice on Systemic Immune Function
Research Mentor: Esi Lamouse Smith
Research Institution: Columbia University
Home Institution: Clarkson University
Co-Authors: Esi Lamouse-Smith, Columbia University

Victoria Marino .........................5:45 PM, CC- 17
Presentation Title: Generation of Trap Tags and Reporters for Purkinje Cell Differentiation from Human Pluripotent Stem Cells
Research Mentor: Mary E. Hatten
Research Institution: The Rockefeller University
Home Institution: Palomar Community College
Co-Authors: David Buchholz and Mary E. Hatten, The Rockefeller University

Jaylene Martinez .........................3:00 PM, CC- 22
Presentation Title: Surface Modification and Structure Engineering of Hydrogels: Poly-HEMA and Super Tough Hydrogel
Research Mentor: Yifu Ding
Research Institution: University of Colorado Boulder
Home Institution: University of New Mexico
Co-Authors: Mengyuan Wang and Yifu Ding, University of Colorado Boulder

Sarah Marion .................12:30 PM, CC- 15
Presentation Title: Identifying Exogenous Bacterial Agents that Cause Sterility Within C. elegans
Research Mentor: Ritika Das
Research Institution: New York University
Home Institution: Brown University
Co-Authors: Ritika Das and E. Jane Hubbard, New York University

Katrina Martinez .................5:00 PM, CC- 24
Presentation Title: Up, Up, and A-Wepa: Reconstructing the Puerto Rican Nation in “La Borinque”
Research Mentor: Maja Horn
Research Institution: Columbia University
Home Institution: Williams College
Co-Authors: Maja Horn, Barnard College

Edgar Marroquin .........................12:15 PM, CC- 13
Presentation Title: Modeling the Recognition and Excision of the Aflatoxin B1 Formamidopyrimidine Adduct by mvNEI1
Research Mentor: Michael Stone
Research Institution: Vanderbilt University
Home Institution: University of Texas at Austin
Co-Authors: Andrew Kellum and Michael Stone, Vanderbilt University

Andres Martinez-Muniz.................5:00 PM, CC- 15
Presentation Title: Expression of PfGARP in Recombinant P. pastoris for Malaria Vaccine Development
Research Mentor: Jonathan Kurtis
Research Institution: Brown University
Home Institution: UPR-Mayaguez
Co-Authors: Sovanny Pond-Tor, Sunthorn Pond-Tor and Jonathan D. Kurtis, Brown University

Brianna Martinez.........................5:30 PM, CC- 24
Presentation Title: The “Afterlife” of A Portrait: Carlos Fuentes’ Joycean Reframing of Mexican National Identity in The Death of Artemio Cruz
Research Mentor: Julie Crawford
Research Institution: Columbia University
Home Institution: Whittier College
Co-Authors: Julie Crawford, Columbia University

Keith Matier .........................10:00 AM, CC- 23
Presentation Title: A Case for Pre-College Philosophy
Research Mentor: Michael Weisberg
Research Institution: University of Pennsylvania
Home Institution: Morehouse College
Co-Authors: Michael Weisberg, University of Pennsylvania

Edward Marroquin

Andres Martinez-Muniz
Archie Matta Jr........................................... 9:15 AM, CC- 23
Presentation Title: I Think I Can, I Think I Can: Do Teachers’ Sense of Self-Efficacy Minimize the Association between Disruptive Student Behavior at the Beginning of the Year and Later Exclusionary Discipline Practices?
Research Mentor: Jason Downer
Research Institution: University of Virginia
Home Institution: University of Guam
Co-Authors: Jason T. Downer and Catherine Corbin, University of Virginia
SS

Noura Maziak................................. 11:45 AM, CC- 17
Presentation Title: The Fusion Protein Fatty Acyl Reductase Acyl Transferase (FARAT) Regulates Chemotaxis in Dictyostelium discoideum
Research Mentor: Derrick Brazill
Research Institution: Hunter College
Home Institution: University of Miami
Co-Authors: Derrick Brazill, Hunter College
BB

Joshua McDuffie...............................12:00 PM, CC- 22
Presentation Title: Assessing Mantle Deformation in the Aleutian Island Subduction Zone Using Shear Wave Splitting Techniques
Research Mentor: Karen Fischer
Research Institution: Brown University
Home Institution: North Carolina A&T State University
Co-Authors: Karen Fischer, Brown University
ES

Travis McKay..................................3:45 PM, CC- 14
Presentation Title: Developing a T-junction Device for Lipid Nanoparticle Synthesis for Applications in Drug Delivery
Research Mentor: Qiaobing Xu
Research Institution: Tufts University
Home Institution: University of Maryland, Baltimore County
Co-Authors: Qiaobing Xu and Xuewei Zhao, Tufts University
AB

Dequante Mckoy...............................12:15 PM, CC- 23
Presentation Title: Non-Invasive Sensing Technologies for Infrastructure Assessment and Health Monitoring
Research Mentor: Devin Harris
Research Institution: University of Virginia
Home Institution: Saint Augustine's College
Co-Authors: Devin Harris and Mohamad Alipour, University of Virginia
EN

Rachel Miles....................................2:45 PM, CC- 14
Presentation Title: Collaboration of IDH2 and Spliceosomal Gene Mutations of SRSF2 in Leukemia
Research Mentor: Omar Abdel-Wahab
Research Institution: Weill Cornell Medical College
Home Institution: Vanderbilt University
Co-Authors: Omar Abdel-Wahab and Akihide Yoshimi, Memorial Sloan Kettering Cancer Center
AB

Chelsea Miller .................................11:30 AM, CC- 15
Presentation Title: Studying the Role of Slc30a10 in Manganese Homeostasis
Research Mentor: Tom Bartnikas
Research Institution: Brown University
Home Institution: SUNY New Paltz
Co-Authors: Tom Bartnikas, Brown University
AB

Ja’Laquan Mitchell ......................... 11:30 AM, CC- 11
Presentation Title: Translation Inhibitors Identified Through 3-D Modeling Modulate Cancer Cell Growth and Sensitivity to Ionizing Radiation
Research Mentor: Tin Tin Su
Research Institution: University of Colorado Boulder
Home Institution: Dartmouth College
Co-Authors: Tin Tin Su, University of Colorado Boulder
BB

Kaitlin Mitchell .............................11:30 AM, CC- 27
Presentation Title: Race and Faith in Communities and Churches
Research Mentor: Tony Lin
Research Institution: University of Virginia
Home Institution: Grossmont-Cuyamaca College
Co-Authors: Tony Lin, Institute for Advanced Studies in Culture; Lucila Crena, University of Virginia
SS

Jennifer Mojica-Santana....................4:45 PM, CC- 24
Presentation Title: Yo Soy AmerRican: Exploring Identity in Both the Mainland and Homeland in Tato Laviera’s Poetry
Research Mentor: Matthew Guterl
Research Institution: Brown University
Home Institution: UPR-Mayaguez
Co-Authors: Matthew Pratt Guterl, Brown University
HU
Ariel Moore ........................................... 2:45 PM, CC- 11
Presentation Title: The Effects of Temozolomide and Talazoparib in C. elegans
Research Mentor: Jill Bargonetti
Research Institution: Hunter College
Home Institution: Claflin University
Co-Authors: Jill Bargonetti and Bernice Olona, Hunter College
AB

Jordan Moore ......................................... 12:00 PM, CC- 16
Presentation Title: Measuring the Effects of Polyamines, Dipeptides, and Competing Oligonucleotides on RNA Self-Assembly In Vitro
Research Mentor: Roy Parker
Research Institution: University of Colorado Boulder
Home Institution: Oklahoma State University
Co-Authors: Briana Van Treeck and Roy Parker, University of Colorado Boulder
BB

Jessica Morgan..................................... 5:00 PM, CC- 23
Presentation Title: Hypoxic Activation of the Thalamic Mid-line
Research Mentor: Mark Beenhakker
Research Institution: University of Virginia
Home Institution: Converse College
Co-Authors: Mark Beenhakker and Kathryn Salvati, University of Virginia
AB

Raquel Moya ......................................... 5:15 PM, CC- 11
Presentation Title: Characterization of the Human Replication Landscape Using Okazaki Fragment Sequencing
Research Mentor: David Fenyo
Research Institution: New York University Sackler Institute
Home Institution: University of Virginia
Co-Authors: Sarah Keegan and David Fenyo, New York University
BB

Maria Muhammad ..................... 12:15 PM, CC- 11
Presentation Title: Investigating the Relationship between Fibroblasts and Cardiomyocytes: Mechanical, Electrical, and Spatial Orientation
Research Mentor: Kareen Coulombe
Research Institution: Brown University
Home Institution: Tougaloo College
Co-Authors: Travis Wallace and Kareen Coulombe, Brown University
AB

Jonathan Munoz.............................. 3:00 PM, CC- 14
Presentation Title: Investigation Into the Relationship Between Tet2 Loss of Function and Augmented Expression of Nras Resulting in Acute Myeloid Leukemia (AML)
Research Mentor: Ross Levine
Research Institution: Memorial Sloan Kettering Cancer Center
Home Institution: Florida International University
Co-Authors: Alan H. Shih, Hiroyoshi Kunimoto and Ross L. Levine, Memorial Sloan Kettering Cancer Center
BB

Bryan Murillo.............................. 12:30 PM, CC- 14
Presentation Title: Characterizing Protein-Protein Interactions in the WRAMP Structure via the Junction Protein, Moesin
Research Mentor: Natalie Ahn
Research Institution: University of Colorado Boulder
Home Institution: University of Colorado Boulder
Co-Authors: Natalie Ahn, University of Colorado Boulder
BB

Bretton Nabit............................. 9:30 AM, CC- 11
Presentation Title: Evaluating the Role of Alpha-2a-Adrenergic Receptors in Neuronal Activity Changes Following Stress-Induced Reinstatement of Cocaine-Seeking Behaviors
Research Mentor: Rafael Perez
Research Institution: Vanderbilt University
Home Institution: Rider University
Co-Authors: Rafael Perez and Danny G. Winder, Vanderbilt University
BB

Forrest Nagy.............................. 5:15 PM, CC- 21
Presentation Title: Aging and Attentional Control
Research Mentor: Julie Bugg
Research Institution: Washington University in St. Louis
Home Institution: Washington University in St. Louis
Co-Authors: Julie Bugg, Washington University in St. Louis
SS
Ami Nanavaty ........................................3:00 PM, CC- 25
Presentation Title: Ab Ki Baar Trump Sarkar: Conceptualizing Hindu American Support for Trump through Hindu Whiteness and Nationalism
Research Mentor: Nikhil Singh
Research Institution: New York University
Home Institution: University of Kansas
Co-Authors: Nikhil Pal Singh, New York University
HU

Amanda Nash .........................11:45 AM, CC- 15
Presentation Title: Effects of Cell Polarization on Embryonic Germ Cells in C.elegans
Research Mentor: Jeremy Nance
Research Institution: New York University Sackler Institute
Home Institution: University of Houston
Co-Authors: Jeremy Nance and Chelsea Maniscalco, New York University
BB

Natasha Navejar ....................... 9:00 AM, CC- 12
Presentation Title: Seeing With Sound: How Bats Use Echolocation to Find Hidden Objects
Research Mentor: Cynthia Moss
Research Institution: Johns Hopkins University
Home Institution: Tulane University
Co-Authors: Cynthia Moss, Angeles Salles and Wendy Xie, Johns Hopkins University
BB

Sakila Nazia ..................................5:30 PM, CC- 15
Presentation Title: Programmed Cell Death in Host Defense Against Invasive Fungal Disease
Research Mentor: Tobias Hohl
Research Institution: Weill Cornell Medical College
Home Institution: Columbia University
Co-Authors: Neta Shlezinger and Tobias Hohl, Memorial Sloan Kettering Cancer Center
BB

Diara Ndiaye ..............................4:45 PM, CC- 22
Presentation Title: Tau Immunotherapy for Alzheimer's Disease
Research Mentor: Erin Congdon
Research Institution: New York University Sackler Institute
Home Institution: Ohio University
Co-Authors: Erin Congdon and Einar Sigurdsson, New York University
AB

Jonathan Nesper ..........................4:00 PM, CC- 23
Presentation Title: Design and Application of a FROG Device for Characterization of Ultrashort Pulses over a Broad Wavelength Range
Research Mentor: Henry Kapteyn
Research Institution: University of Colorado Boulder
Home Institution: University of Central Florida
Co-Authors: Henry Kapteyn, Margaret Murnane and Kevin M. Dorney, University of Colorado Boulder
PS

Jade Neverson .............................12:30 PM, CC- 12
Presentation Title: Quantification of Serum Interleukin-1 beta as a Biomarker for Calcific Atherosclerosis
Research Mentor: Alan Morrison
Research Institution: University of Maryland, Baltimore County
Home Institution: University of Scranton
Co-Authors: Alan Morrison, Chris Mantsounga and Joshua Berus, Brown University
BB

Tuong Vy Nguyen ......................... 9:45 AM, CC- 26
Presentation Title: The Associations between Non-Native Accent, Perceived Discrimination, and Psychological and Health Outcomes in Asian Americans
Research Mentor: Charissa Cheah
Research Institution: University of Maryland, Baltimore County
Home Institution: Xavier University of Louisiana
Co-Authors: Kathy T. T. Vu and Charissa Cheah, University of Maryland, Baltimore County
SS

Nia Nickerson ..............................12:30 PM, CC- 25
Presentation Title: Infant Motor Development in the Context of Multilingual Experience, Maternal Education Level, and Maternal Ethnicity
Research Mentor: Amanda Woodward
Research Institution: University of Chicago
Home Institution: University of Maryland, College Park
Co-Authors: Amanda Woodward and Marlene Meyer, University of Chicago
SS
Rachael Nilson .......................... 3:15 PM, CC-15
Presentation Title: Fail-safes on the Cellular Level: when Bacterial LPS Triggers Death instead of Inflammation
Research Mentor: Alexander Poltorak
Research Institution: Tufts University Sackler School of Graduate Biomedical Sciences
Home Institution: Roger Williams University
Co-Authors: Beiyun C. Liu, Joseph Sarhan and Alexander Poltorak, Tufts University School of Graduate Biomedical Sciences

Ellyn Obrotha................................. 4:00 PM, CC-12
Presentation Title: Targeting Musashi Family of RNA Binding Proteins in Myeloid Leukemia
Research Mentor: Michael Kharas
Research Institution: Memorial Sloan Kettering Cancer Center
Home Institution: University of Redlands
Co-Authors: Gerard Minuesa and Michael Kharas, Memorial Sloan Kettering Cancer Center

Fernando Norat Pérez..................... 3:45 PM, CC-25
Presentation Title: More than Sputniks in Havana: Soviet Revolutionary Culture in Cuba (1957-1961)
Research Mentor: Jennifer Lambe
Research Institution: Brown University
Home Institution: UPR-Rio Piedras

Ifeanyichukwu Okereke................. 11:45 AM, CC-12
Presentation Title: Novel Anti-oxPL Antibody Attenuates Atherosclerosis in Apoe Knockout Mice
Research Mentor: Gary Owens
Research Institution: University of Virginia School of Medicine
Home Institution: Howard University
Co-Authors: Gary K. Owens and Olga Cherepanova, University of Virginia

Joangela Nouel ............................. 5:00 PM, CC-14
Presentation Title: Detecting Viral dsRNA by MERS 4a Accessory Protein
Research Mentor: Susan Weiss
Research Institution: University of Pennsylvania
Home Institution: City College of New York
Co-Authors: Susan Weiss and Yize Li, University of Pennsylvania

Michel Ntiri ................................. 5:45 PM, CC-15
Presentation Title: Defining the Mechanism of Dendritic Cell Responses to Legionella pneumophila
Research Mentor: Sunny Shin
Research Institution: University of Pennsylvania
Home Institution: Rutgers University
Co-Authors: Sunny Shin and Jessica Doerner, University of Pennsylvania

Daniel Olivares-Zambrano ............. 3:30 PM, CC-15
Presentation Title: Tetrodotoxin Effects on Pathogens that Infect the Genus Taricha
Research Mentor: Pieter Johnson
Research Institution: University of Colorado Boulder
Home Institution: CSU Monterey Bay
Co-Authors: Pieter Johnson and Dana Marie Calhoun, University of Colorado Boulder

Constance Nyaunu....................... 5:15 PM, CC-12
Presentation Title: Structural Basis for the Unique Myristoylation Signal of the Feline Immunodeficiency Virus Matrix Protein
Research Mentor: Michael Summers
Research Institution: University of Maryland, Baltimore County
Home Institution: Howard University
Co-Authors: Michael Summers, Janae Baptiste and Simon Maxwell, University of Maryland, Baltimore County

Vince Charles Ombao..................... 5:15 PM, CC-24
Presentation Title: Literature and Economics: Looking at the Other Side of Shakespeare's The Merchant of Venice
Research Mentor: Natalie Strobach
Research Institution: Johns Hopkins University
Home Institution: Johns Hopkins University
Co-Authors: Natalie Strobach, Johns Hopkins University

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Yohaniz Ortega ........................................... 2:45 PM, CC- 15
Presentation Title: Regulation of the Hedgehog Pathway during Experimental Autoimmune Encephalomyelitis
Research Mentor: Jorge Alvarez
Research Institution: University of Pennsylvania
Home Institution: UPR-Humacao
Co-Authors: Loic Dragin and Jorge Ivan Alvarez, University of Pennsylvania
BB

Hillary Pan ................................................... 3:30 PM, CC- 22
Presentation Title: Characterizing Fracture Toughness of Titanium and Zirconium-based Bulk Metallic Glasses
Research Mentor: Jan Schroers
Research Institution: Yale University
Home Institution: Oberlin College
Co-Authors: Jan Schroers and Ling Shao, Yale University
EN

Emily Ortiz ............................................. 11:15 AM, CC- 14
Presentation Title: Multidrug Resistance Transporters Loss in Ovaries
Research Mentor: Lynae Brayboy
Research Institution: Brown University
Home Institution: Saint Mary's University
Co-Authors: Lynae Brayboy and Gary Wessel, Brown University
AB

Felipe Parodi ............................................. 9:15 AM, CC- 27
Presentation Title: Social Stress on Foraging Techniques
Research Mentor: Arjun Ramakrishnan
Research Institution: University of Pennsylvania
Home Institution: University of Miami
Co-Authors: Arjun Ramakrishnan, Dilara Berkay and Michael Platt, University of Pennsylvania
SS

Adeiyewunmi Osinubi ......................... 4:45 PM, CC- 12
Presentation Title: Quantitative Research on Cardiovascular Disease Risk Factors in New York City Residents
Research Mentor: Lorna Thorpe
Research Institution: New York University
Home Institution: Brown University
Co-Authors: Lorna Thorpe and Rania Kanchi, New York University
AB

Yoselin Paucar .................. 3:45 PM, CC- 15
Presentation Title: Inducible Expression of LINE1 Retroviral Elements: A Model for the Study of Systemic Lupus Erythematosus (SLE)
Research Mentor: Kathleen Sullivan
Research Institution: University of Pennsylvania
Home Institution: John Jay College of Criminal Justice CUNY
Co-Authors: Kathleen Sullivan, University of Pennsylvania; Lihua Shi and Kelly Maurer, Children's Hospital of Philadelphia
BB

Marguerite Pacheco .................. 5:15 PM, CC- 17
Presentation Title: Effect of Egfl7 Knock Out on NOTCH Signaling in Mouse Embryonic Endothelial Cells
Research Mentor: Heidi Stuhlmann
Research Institution: Weill Cornell Graduate School
Home Institution: Smith College
Co-Authors: Heidi Stuhlmann and Lissenya Argueta, Weill Cornell Graduate School of Medical Sciences
BB

Shahil Pema ........................................ 5:30 PM, CC- 11
Presentation Title: Labeling of Genomic Loci Using a Novel dCas9 Based Technology
Research Mentor: Timothee Lionnet
Research Institution: New York University
Home Institution: University of Nevada, Reno
Co-Authors: Timothee Lionnet, New York University
BB

Nicholas Page ............................................ 10:45 AM, CC- 13
Presentation Title: Splicing Analysis of Diverse TDP43 Depletion and ALS Datasets
Research Mentor: Yoseph Barash
Research Institution: University of Pennsylvania
Home Institution: Rutgers University
Co-Authors: Yoseph Barash, Matthew Gazzara and Anupama Jha, University of Pennsylvania
AB

Elena Penhos ............................................ 5:30 PM, CC- 22
Presentation Title: Dopamine Levels in Striatum and Hippocampus in Conditional PERK Knockout Mice
Research Mentor: Margaret Rice
Research Institution: New York University
Sackler Institute
Home Institution: Miami University
Co-Authors: Maria Mancini, Eric Klann and Margaret E. Rice, New York University
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Nicole Rakhmanova .......................... 12:00 PM, CC- 13
Presentation Title: The Functional Role of Bestrophin-1 in Retinal Pigment Epithelium Cells
Research Mentor: Ching-Hwa Sung
Research Institution: Weill Cornell Medical College
Home Institution: Hunter College
Co-Authors: Wataru Otsu, Jen-Zen Chuang and Ching-Hwa Sung, Weill Cornell Medical College
BB

Andrea Ramirez.......................... 5:45 PM, CC- 12
Presentation Title: Structure of Blood Coagulation Factor XIIIa and Interactions with Fibrin(ogen) Studied with Atomic Force Microscopy
Research Mentor: John W. Weisel
Research Institution: University of Pennsylvania
Home Institution: University of Texas at El Paso
Co-Authors: Anna D. Protopopova, Rustem I. Litvinov and John W. Weisel, University of Pennsylvania
BB

Gustavo Ramirez.......................... 11:30 AM, CC- 23
Presentation Title: Observation of Materials Using Time-resolved Terahertz Microscopy and Pump Probe Scheme
Research Mentor: Aaron Lindenberg
Research Institution: Stanford University
Home Institution: Hunter College
Co-Authors: Aaron Lindenberg and Burak Guzelturk, Stanford University
EN

Jennifer Ramirez ......................... 5:45 PM, CC- 21
Presentation Title: Developing Human Hsp70 Variants to Counter Neurodegeneration
Research Mentor: James Shorter
Research Institution: University of Pennsylvania
Home Institution: CSU Long Beach
Co-Authors: Ipsita Subudhi and James Shorter, University of Pennsylvania
BB

Maria Raven .............................. 10:30 AM, CC- 27
Presentation Title: Cultivating Self-Determination: A Case Study of an Urban Farm in the South Bronx
Research Mentor: Van Tran
Research Institution: Columbia University
Home Institution: Amherst College
Co-Authors: Van Tran, Columbia University
SS

Kyle Ray ...................................... 5:45 PM, CC- 16
Presentation Title: The Effects of Cholesterol on TGF-beta Signaling in Vascular Smooth Muscle Cells
Research Mentor: Edward Fisher
Research Institution: New York University Sackler Institute
Home Institution: Colorado State University
Co-Authors: Edward Fisher and Sonia Bergaya, New York University
BB

Thomas Rechtman ......................... 12:30 PM, CC- 22
Presentation Title: Inverse Problem in Geomagnetism
Research Mentor: Doug Hardin
Research Institution: Vanderbilt University
Home Institution: University of Central Florida
Co-Authors: Doug Hardin and Cristobal Villalobos, Vanderbilt University
PS

Alejandra Regla-Vargas.................... 12:00 PM, CC- 26
Presentation Title: Xicana Cyber Activism: A Tool for Transformational Resistance Against Eurocentric Body Standards
Research Mentor: Marybeth Gasman
Research Institution: University of Pennsylvania
Home Institution: CSU Dominguez Hills
Co-Authors: Marybeth Gasman, University of Pennsylvania
SS

Aidan Reilly ................................. 3:30 PM, CC- 17
Presentation Title: Examining the Genetic Architecture of Bone Mineral Density Using Sets of Fine Mapped Causal Variants and Single Nucleotide Polymorphism Heritability
Research Mentor: Mathew Maurano
Research Institution: New York University Sackler Institute
Home Institution: Johns Hopkins University
Co-Authors: Matthew Maurano, New York University
AB

Gabriella Rice .............................. 5:00 PM, CC- 17
Presentation Title: Identifying Cbl/Cbl-b Inhibitors for Hematopoietic Stem Cell Expansion
Research Mentor: Wei Tong
Research Institution: University of Pennsylvania
Home Institution: University of Texas at San Antonio
Co-Authors: Nicholas Holdreith, Kaosheng Lyu and Wei Tong, University of Pennsylvania
BB
**Rocio Rivera Rodriguez** 5:15 PM, CC-16

Presentation Title: Study of Actin Binding by the N-Terminus of Leiomodin - An Actin Nucleator in Human Muscles

Research Mentor: Roberto Dominguez

Research Institution: University of Pennsylvania

Home Institution: UPR-Rio Piedras

Co-Authors: Malgorzata Boczkowska, Grzegorz Rebowski and Roberto Dominguez, University of Pennsylvania

**Moises Rodriguez** 5:15 PM, CC-23

Presentation Title: Global RAGE- and DIAPH1-deficiency Alters Impaired Microglia Morphology and AGE Accumulation during Aging

Research Mentor: Ann Schmidt

Research Institution: New York University Sackler Institute

Home Institution: Medgar Evers College CUNY

Co-Authors: Julia Derk, Michael MacLean and Ann Marie Schmidt, New York University

**Charles Robbins** 4:00 PM, CC-13

Presentation Title: Comparing the Proteomes of ARID1A Knockdown and Wildtype Human Ovarian Clear Cell Carcinoma Using a Mouse Xenograft Model

Research Mentor: David Speicher

Research Institution: University of Pennsylvania

Home Institution: Florida State University

Co-Authors: David W. Speicher and Aaron R. Goldman, The Wistar Institute

**Mayra Romero** 3:00 PM, CC-12

Presentation Title: Selective Targeting of Immunosuppressive Tumor Associated Macrophages (TAMs) to Improve the Outcome of CAR T-cell Therapy in Ovarian Cancer

Research Mentor: Daniel Powell

Research Institution: University of Pennsylvania

Home Institution: Ramapo College of New Jersey

Co-Authors: Alba Rodriguez Garcia and Daniel J. Powell Jr., University of Pennsylvania

**Jessica Robinson** 12:30 PM, CC-16

Presentation Title: The Impact of Single Nucleotide Polymorphisms on Ectonucleotidase Activities

Research Mentor: Roman Covarrubias

Research Institution: Vanderbilt University

Home Institution: Norfolk State University

Co-Authors: Richard Gumina and Roman Covarrubias, Vanderbilt University

**Florissell Rosales** 4:00 PM, CC-27

Presentation Title: Overgeneral Autobiographical Memory As A Link Between Childhood Stress And Suicidal Behavior

Research Mentor: Regina Miranda

Research Institution: Hunter College

Home Institution: CSU San Bernardino

Co-Authors: Jorge Valderrama, SUNY Downstate Medical Center; Regina Miranda, Hunter College

**Danielle Rodriguez** 11:45 AM, CC-13

Presentation Title: Investigation into PPP1CA and Hdac2 Activities in Immediate Early Gene Transcription

Research Mentor: Celeste Greer

Research Institution: Vanderbilt University

Home Institution: Heritage University

Co-Authors: Celeste Greer and David Sweatt, Vanderbilt University

**Derick Rosario** 2:45 PM, CC-12

Presentation Title: Assessing the Role of Calcium Signaling in Epithelial-Mesenchymal Transition (Emt)

Research Mentor: Ben Stanger

Research Institution: University of Pennsylvania

Home Institution: UPR-Rio Piedras

Co-Authors: Ben Z. Stanger and Robert J. Norgard, University of Pennsylvania

**Mayra Romero** 3:00 PM, CC-12

Presentation Title: Selective Targeting of Immunosuppressive Tumor Associated Macrophages (TAMs) to Improve the Outcome of CAR T-cell Therapy in Ovarian Cancer

Research Mentor: Daniel Powell

Research Institution: University of Pennsylvania

Home Institution: Ramapo College of New Jersey

Co-Authors: Alba Rodriguez Garcia and Daniel J. Powell Jr., University of Pennsylvania

**Florissell Rosales** 4:00 PM, CC-27

Presentation Title: Overgeneral Autobiographical Memory As A Link Between Childhood Stress And Suicidal Behavior

Research Mentor: Regina Miranda

Research Institution: Hunter College

Home Institution: CSU San Bernardino

Co-Authors: Jorge Valderrama, SUNY Downstate Medical Center; Regina Miranda, Hunter College

**Derick Rosario** 2:45 PM, CC-12

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Research Mentor: Ben Stanger

Research Institution: University of Pennsylvania

Home Institution: UPR-Rio Piedras

Co-Authors: Ben Z. Stanger and Robert J. Norgard, University of Pennsylvania

**AB**

**BB**
Jonathan Rosario ......................... 3:00 PM, CC- 23
Presentation Title: Multi-band and Multi-adaptive Hybrid Couplers with Multiple Levels of Transfer Function Adaptivity
Research Mentor: Dimitra Psychogiou
Research Institution: University of Colorado Boulder
Home Institution: UPR-Mayaguez
Co-Authors: Dimitra Psychogiou, University of Colorado Boulder
EN

Gloire Rubambiza ......................... 11:45 AM, CC- 23
Presentation Title: Measurement and Statistical Analysis of Submarine Internet Cable Performance
Research Mentor: Dirk Grunwald
Research Institution: University of Colorado Boulder
Home Institution: Grand Valley State University
Co-Authors: Dirk Grunwald and Eric Wustrow, University of Colorado Boulder
PS

Ryan Russell .............................. 11:45 AM, CC- 27
Presentation Title: The Diverging Road To Freedom: The Competing Visions for Black Political Ideologies
Research Mentor: Lawrie Balfour
Research Institution: University of Virginia
Home Institution: Morehouse College
Co-Authors: Lawrie Balfour, University of Virginia
PE

Fatima S’aidy .............................. 2:45 PM, CC- 22
Presentation Title: Synthetic Lectins as Reagents for Carbohydrate Synthesis
Research Mentor: David Mootoo
Research Institution: Hunter College
Home Institution: LaGuardia Community College CUNY
Co-Authors: David Mootoo and Steven Truong, Hunter College
PS

Jacqueline Saenz ......................... 11:15 AM, CC- 15
Presentation Title: Characterizing the Effects of Polycystin-2-Like-1 Loss in Keratinocytes
Research Mentor: Ellen Ezratty
Research Institution: Columbia University
Home Institution: CSU Northridge
Co-Authors: Ellen Ezratty and Claudia Becerra, Columbia University
BB

Gabriela Salas .............................. 5:45 PM, CC- 27
Presentation Title: Sterilization, the “Only” Form of Contraception for Latina Women: A historical analysis behind the use of sterilization on Chicana and Latina women in the United States and Puerto Rico throughout the second half of the 20th century
Research Mentor: Graciela Montaldo
Research Institution: Columbia University
Home Institution: University of Maryland, Baltimore County
Co-Authors: Graciela Montaldo, Columbia University
HU

Marcos Sanchez Navarro ................ 3:45 PM, CC- 16
Presentation Title: Developing a Transcriptional Assay to Determine the Concentration of Type 1 Interferon in Mouse Serum
Research Mentor: Patrick Seale
Research Institution: University of Pennsylvania
Home Institution: Universidad Metropolitana
Co-Authors: Megan Kissig and Patrick Seale, University of Pennsylvania
AB

Kailah Santos ............................. 12:00 PM, CC- 24
Presentation Title: Comparative Study of Race through the Scholarship of Speculative Fiction
Research Mentor: Paula Moya
Research Institution: Stanford University
Home Institution: New College of Florida
Co-Authors: Paula Moya and Andrew Shephard, Stanford University
HU

Ariella Saslafsky ......................... 11:15 AM, CC- 17
Presentation Title: Sympathetic Innervation of Pancreatic Islets in Individuals with Type 1 Diabetes
Research Mentor: Alvin Powers
Research Institution: Vanderbilt University
Home Institution: University of Central Florida
Co-Authors: Al Powers, Rachana Haliyur and Marcela Brissova, Vanderbilt University
AB

Cesar Saucedo ............................. 4:00 PM, CC- 21
Presentation Title: The Impact of Protein Scaffolds to the Photo Physical Properties of Tris(bipyridine) Ruthenium(II)
Research Mentor: Jared Lewis
Research Institution: University of Chicago
Home Institution: DePaul University
Co-Authors: Jared Lewis and Yifan Gu, University of Chicago
PS
Brianna Scott ........................................ 5:45 PM, CC- 11
Presentation Title: Investigation of Epigenetic Regulation of HIF-1A in Pregnant Nigerian Women Exposed to House Air Pollution using Bisulfite Sequencing
Research Mentor: Funmi Olopade
Research Institution: University of Chicago
Home Institution: University of Miami
Co-Authors: Funmi Olopade and Sola Olopade, University of Chicago
AB

Scott Segura ......................................... 5:15 PM, CC- 15
Presentation Title: Evaluating the INTACT Method of Nuclei Isolation on Plasmodium falciparum Gametocytes
Research Mentor: Chantal Harris
Research Institution: Weill Cornell Graduate School
Home Institution: University of Texas at Dallas
Co-Authors: Björn Kafsack and Chantal Harris, Weill Cornell Graduate School
BB

David Shirley ....................................... 11:45 AM, CC- 14
Presentation Title: Structural Stability of Endophilin-NBAR Mutants
Research Mentor: Tobias Baumgart
Research Institution: University of Pennsylvania
Home Institution: Rowan University
Co-Authors: Tobias Baumgart and Rui Jin, University of Pennsylvania
BB

Muyu Situ ............................................ 10:15 AM, CC- 13
Presentation Title: Searching for Locomotion Defects in a C. Elegans Model of Amyotrophic Lateral Sclerosis
Research Mentor: Anne Hart
Research Institution: Brown University
Home Institution: Hunter College
Co-Authors: Anne Hart, Saba Baskoylu and Jeremy Lins, Brown University
AB

Zainab Soetan .............................. 2:45 PM, CC- 21
Presentation Title: A Mathematical Approach To Characterizing Enhancer RNA Profiles For Inferring Transcription Factor Activity
Research Mentor: Robin Dowell
Research Institution: University of Colorado Boulder
Home Institution: Brown University
Co-Authors: Robin Dowell, University of Colorado Boulder
PS

Ivan Soler ........................................... 10:45 AM, CC- 12
Presentation Title: Increased Hippocampal Neurogenesis by Entorhinal Cortex Stimulation is Accompanied by Changes in Stem Cell Populations
Research Mentor: Amelia Eisich
Research Institution: University of Pennsylvania
Home Institution: Vassar College
Co-Authors: Amelia Eisich and Sanghee Yun, University of Pennsylvania
BB

Joshua Soto-Ocana ...................... 3:45 PM, CC- 12
Presentation Title: The Role of Interleukin-13 in Soft Tissue Sarcoma
Research Mentor: Malay Haldar
Research Institution: University of Pennsylvania
Home Institution: UPR-Mayaguez
Co-Authors: Ian W. Folkert and Malay Haldar, University of Pennsylvania
BB

Mariluz Soula ....................... 3:00 PM, CC- 11
Presentation Title: Screening to Identify Druggable Synthetic Vulnerabilities in Leukemia and Colorectal Cancer
Research Mentor: Valerio Donato
Research Institution: New York University Sackler Institute
Home Institution: Florida International University
Co-Authors: Valerio Donato, Daniele Simoneschi and Michele Pagano, New York University
AB

Shakirah Ssebyala ................... 3:45 PM, CC- 13
Presentation Title: Assessment of the Effect of Suppression of Polymerase Epsilon in High Grade Serous Ovarian Carcinomas
Research Mentor: Richard Possemato
Research Institution: New York University Sackler Institute
Home Institution: UMass Amherst
Co-Authors: Richard Possemato and Vladislav Sviderskiy, New York University
AB

Franklin Daniel Staback Rodriguez... 2:45 PM, CC- 16
Presentation Title: Investigating the Role of CD8 T Cells in Very Early Onset Inflammatory Bowel Disease
Research Mentor: Gregory Sonnenberg
Research Institution: Weill Cornell Graduate School
Home Institution: UPR-Rio Piedras
Co-Authors: Gregory F. Sonnenberg, Weill Cornell Medical College
AB
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<tr>
<th>Name</th>
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<tr>
<td>Ja'Kayla Sterling</td>
<td>10:45 AM</td>
<td>CC- 27</td>
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<tr>
<td>Presentation Title:</td>
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<td>What Factors Play an</td>
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<tr>
<td>Research Mentor:</td>
<td>Daniel Levin</td>
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<td>Research Institution:</td>
<td>Vanderbilt University</td>
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<td>Home Institution:</td>
<td>Dillard University</td>
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</tr>
<tr>
<td>Co-Authors:</td>
<td>Daniel Levin, Vanderbilt University</td>
<td></td>
</tr>
</tbody>
</table>

| Shuofei Sun          | 3:45 PM      | CC- 11|
| Presentation Title:  | Characterization of Cancer-Associated CARM1 Variants |
| Research Mentor:     | Minkui Luo   |
| Research Institution:| Weill Cornell Medical College|
| Home Institution:    | SUNY Binghamton|
| Co-Authors:          | Minkui Luo, Memorial Sloan Kettering Cancer Center |

| Isaiah Swann         | 3:15 PM      | CC- 11|
| Presentation Title:  | Discovery of Small Molecule EZH2 Inhibitors for Glioblastoma Multiforme |
| Research Mentor:     | Rui Liang    |
| Research Institution:| Weill Cornell Medical College|
| Home Institution:    | University of Texas at Dallas|
| Co-Authors:          | Rui Liang, Mayako Michino and Richard Phillips, Weill Cornell/Rockefeller/Sloan-Kettering Tri-Institutional |

| Matthew Taitano      | 5:00 PM      | CC- 27|
| Presentation Title:  | The Transgender Tipping Point: Examining Trans Identities in the Media and Prison Industrial Complex |
| Research Mentor:     | Josef Sorett |
| Research Institution:| Columbia University|
| Home Institution:    | Princeton University|
| Co-Authors:          | Josef Sorett, Columbia University |

| Cameron Thompson     | 4:45 PM      | CC- 11|
| Presentation Title:  | Possible Role of LRRK2 in Microtubule Based Motility and Autophagy |
| Research Mentor:     | Erika Holzbaur|
| Research Institution:| University of Pennsylvania|
| Home Institution:    | Gettysburg College|
| Co-Authors:          | Erika Holzbaur, Andrea Stavoe and Chantell Evans, University of Pennsylvania |

| Jessica Tolbert      | 3:00 PM      | CC- 17|
| Presentation Title:  | Understanding VISTA Expression During Sepsis |
| Research Mentor:     | Alfred Ayala|
| Research Institution:| Brown University|
| Home Institution:    | Claflin University|
| Co-Authors:          | Bethany Biron Girard and Alfred Ayala, Brown University |

| Kyabeth Torres       | 9:15 AM      | CC- 13|
| Presentation Title:  | Distinct Brain Stem and Motor Circuit Activation in Response to Itch and Pain |
| Research Mentor:     | Wenqin Luo   |
| Research Institution:| University of Pennsylvania|
| Home Institution:    | UPR-Humacao|
| Co-Authors:          | Wenqin Luo and Kim Kridsada, University of Pennsylvania |

| Gabriela Torres Figueroa | 10:15 AM  | CC- 27|
| Presentation Title:      | Gender Differences in Emotion Regulation: The Psychophysiological Effect of Social Interaction and Stress |
| Research Mentor:         | Niall Bolger |
| Research Institution:    | Columbia University |
| Home Institution:        | University of Texas at Austin |
| Co-Authors:              | Abdiel Flores and Niall Bolger, Columbia University |

| Oanh Tran              | 5:45 PM     | CC- 23|
| Presentation Title:    | The Effect of Longevity Modulating Pathway on Caenorhabditis Models of Huntington Disease |
| Research Mentor:       | Sylvia Lee  |
| Research Institution:  | Cornell University |
| Home Institution:      | University of Texas at Austin |
| Co-Authors:            | Sylvia Lee and Cheng-Lin Li, Cornell University |

| Kevin Trinh           | 12:15 PM    | CC- 21|
| Presentation Title:    | Understanding Volcanic Activity Through Water Vapor Emissions at Turrialba Volcano, Costa Rica |
| Research Mentor:       | Christian Huber |
| Research Institution:  | Brown University |
| Home Institution:      | Bowdoin College |
| Co-Authors:            | Tarsilo Girona and Christian Huber, Brown University |

| Cameron Thompson      | 10:15 AM    | CC- 27|
| Presentation Title:    | Gender Differences in Emotion Regulation: The Psychophysiological Effect of Social Interaction and Stress |
| Research Mentor:       | Niall Bolger |
| Research Institution:  | Columbia University |
| Home Institution:      | University of Texas at Austin |
| Co-Authors:            | Abdiel Flores and Niall Bolger, Columbia University |

| Kevin Trinh           | 12:15 PM    | CC- 21|
| Presentation Title:    | Understanding Volcanic Activity Through Water Vapor Emissions at Turrialba Volcano, Costa Rica |
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| Co-Authors:            | Tarsilo Girona and Christian Huber, Brown University |

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| Presentation Title:    | Understanding Volcanic Activity Through Water Vapor Emissions at Turrialba Volcano, Costa Rica |
| Research Mentor:       | Christian Huber |
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| Co-Authors:            | Tarsilo Girona and Christian Huber, Brown University |

<p>| Kevin Trinh           | 12:15 PM    | CC- 21|
| Presentation Title:    | Understanding Volcanic Activity Through Water Vapor Emissions at Turrialba Volcano, Costa Rica |
| Research Mentor:       | Christian Huber |
| Research Institution:  | Brown University |
| Home Institution:      | Bowdoin College |
| Co-Authors:            | Tarsilo Girona and Christian Huber, Brown University |</p>
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<tr>
<th>Name</th>
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<th>Title</th>
<th>Research Mentor</th>
<th>Research Institution</th>
<th>Home Institution</th>
<th>Co-Author(s)</th>
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<tbody>
<tr>
<td>Gabriela Trinidad-Pérez</td>
<td>3:15 PM</td>
<td>CC-25</td>
<td>Student Oral Presentations by NAME</td>
<td>Denise Walsh</td>
<td>University of Virginia</td>
<td>UPR-Rio Piedras</td>
<td>Denise Walsh, University of Virginia</td>
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<td>Presentation Title: Latina Women in Immigration Narratives and Beatriz at Dinner: A Look at U.S. Films Before and During the Trump Era</td>
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<tr>
<td>Urbi Tucker</td>
<td>12:15 PM</td>
<td>CC-14</td>
<td>The Study and Mechanisms of RPE Damage by Lipid Bisretinoids</td>
<td>Marcelo Nociari</td>
<td>Weill Cornell Graduate School</td>
<td>Howard University</td>
<td>Marcelo Nociari and Chendong Pan, Weill Cornell Graduate School</td>
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<tr>
<td>Abbey Van Alstyne</td>
<td>11:45 AM</td>
<td>CC-21</td>
<td>Investigating Deliquescence and Efflorescence of Mars-like Soils from the Atacama Desert and Implications for Liquid Water Near the Martian Surface</td>
<td>Margaret Tolbert</td>
<td>University of Colorado Boulder</td>
<td>Renselaer Polytechnic Institute</td>
<td>Margaret Tolbert, University of Colorado Boulder</td>
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<tr>
<td>Victor Vazquez Marrero</td>
<td>12:15 PM</td>
<td>CC-15</td>
<td>Developing Assays to Determine Sex Ratio of Plasmodium falciparum Gametocytes</td>
<td>Björn Kafsack</td>
<td>Weill Cornell Graduate School</td>
<td>UPR-Rio Piedras</td>
<td>Björn Kafsack and Christopher Nötzel, Weill Cornell Medical</td>
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<tr>
<td>Alexandra Vázquez Salgado</td>
<td>3:15 PM</td>
<td>CC-13</td>
<td>Determining the Role of PI3K Inhibition to Enhance Tumor Infiltrating Immune Responses in PTEN-Deficient Prostate Cancer</td>
<td>Akash Patnaik</td>
<td>University of Chicago</td>
<td>UPR-Rio Piedras</td>
<td>Akash Patnaik, Brian Olson and Priyanka Duttagupta, University of Chicago</td>
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<tr>
<td>Jesse Velasco</td>
<td>3:00 PM</td>
<td>CC-13</td>
<td>Acetyl-CoA Synthetase 2 is a Critical Enzyme for Cancer Cell Survival During Hypoxic and Nutrient Stress</td>
<td>Zachary Schug</td>
<td>University of Pennsylvania</td>
<td>Southwestern Oklahoma State University</td>
<td>Zachary Schug, University of Pennsylvania</td>
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<tr>
<td>Yoheilly Velázquez</td>
<td>9:30 AM</td>
<td>CC-13</td>
<td>Structural Plasticity Analysis of Drosophila Sleep Circuit After Thermogenetic Sleep Deprivation</td>
<td>Christine Dubowy</td>
<td>University of Pennsylvania</td>
<td>UPR-Ponce</td>
<td>Christine Dubowy and Amita Sehgal, University of Pennsylvania</td>
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<tr>
<td>Gabriela Vida</td>
<td>12:15 PM</td>
<td>CC-17</td>
<td>POGLUT1 as a Candidate Genetic Modifier of Alagille Syndrome</td>
<td>Nancy Spinner</td>
<td>University of Pennsylvania</td>
<td>Fairfield University</td>
<td>Melissa Gilbert and Nancy Spinner, University of Pennsylvania</td>
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<tr>
<td>Marisol Villaseñor</td>
<td>3:00 PM</td>
<td>CC-27</td>
<td>Investigating the Psychophysiological Response to Self-Affirmation and Rumination</td>
<td>Niall Bolger</td>
<td>Columbia University</td>
<td>DePaul University</td>
<td>Niall Bolger and Abdiel Flores, Columbia University</td>
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</tbody>
</table>

AB: Abilene Biomedical Sciences  
BB: Biomedical Physics  
ES: Environmental Science  
SS: Social Sciences
Alexander Weingart.........................4:45 PM, CC- 13
Presentation Title: Effects of Acrolein and Cigarette Smoke on Lung Inflammation Signaling
Research Mentor: Sharon Rounds
Research Institution: Brown University
Home Institution: University of Vermont
Co-Authors: Sharon Rounds, Qing Lu and Miles Mundy, Brown University

Janai Williams.........................3:30 PM, CC- 27
Presentation Title: Exploring Individual Variability in Escalation of Opiate Intake in Sign-Trackers and Goal-Trackers
Research Mentor: Donna Calu
Research Institution: University of Maryland, Baltimore County
Home Institution: Brooklyn College CUNY
Co-Authors: Helen M. Nasser, University of Maryland, Baltimore County; Guillermo Esber, Brooklyn College; Donna J. Calu, University of Maryland, Baltimore County

Jira White .................................3:00 PM, CC- 21
Presentation Title: Synthesis of the Scaffolding Backbone of an Ent-Kauranoid Species, Eriocalyx B, via a Versatile C-C Bond Activation Method known as "Cut and Sew"
Research Mentor: Guangbin Dong
Research Institution: University of Chicago
Home Institution: Claflin University
Co-Authors: Guangbin Dong, Brent A. Billet and Alexander J. Rago, University of Chicago

Imani Williford .........................5:15 PM, CC- 25
Presentation Title: The Art of Advancement: Curating Aboriginal Art
Research Mentor: Henry Skerritt
Research Institution: University of Virginia
Home Institution: University of Pittsburgh
Co-Authors: Henry Skerritt, University of Virginia

Aman Williams .........................5:30 PM, CC- 27
Presentation Title: For the Culture: Black Girls and Black Power, 1966-1986
Research Mentor: Michael Ralph
Research Institution: New York University
Home Institution: University of California Los Angeles
Co-Authors: Michael Ralph, New York University; Sarah Haley, University of California, Los Angeles

Emily Winstead .........................4:45 PM, CC- 26
Presentation Title: Redefining Normal: Constructions of Gender in the DSM-5
Research Mentor: Natalie Strobach
Research Institution: Johns Hopkins University
Home Institution: Johns Hopkins University
Co-Authors: Natalie Strobach, Johns Hopkins University

Briana Williams .........................3:45 PM, CC- 24
Presentation Title: “Well the election happened”: Early Adolescents’ Personal and Interpersonal Experiences of the 2016 Presidential Election
Research Mentor: Joanna Williams
Research Institution: University of Virginia
Home Institution: Claflin University
Co-Authors: Joanna Williams, University of Virginia

Yee-Ann Wong .........................12:15 PM, CC- 22
Presentation Title: Measuring Recruitment and Retention Rates of Artificial Seagrass Units in Biscayne Bay, Florida
Research Mentor: Diego Lirman
Research Institution: University of Miami
Home Institution: UC Santa Barbara
Co-Authors: Diego Lirman and Ryan Sirota, University of Miami

Anthonia Wray .........................11:15 AM, CC- 12
Presentation Title: Activation of AHR in the Liver and Endothelial Cells Can Cause Hemorrhaging
Research Mentor: Jessica Plavicki
Research Institution: Brown University
Home Institution: University of Connecticut
Co-Authors: Jessica Plavicki and Nathan Martin, Brown University

AB

SS

HU

ES
Veronika Yakovichina .................. 12:30 PM, CC- 17
Presentation Title: Regulatory Function of eNOS-NO Signaling in Fat Metabolism
Research Mentor: Harry Ischiropoulos
Research Institution: University of Pennsylvania
Home Institution: John Jay College of Criminal Justice CUNY
Co-Authors: Harry Ischiropoulos, Paschalis-Thomas Doulias and Margarita Tenopoulou, University of Pennsylvania
AB

Marcelo Yañez .......................... 5:30 PM, CC- 25
Presentation Title: Continuance of Life: Aesthetic Transmission Between Peter Hujar and David Wojnarowicz
Research Mentor: Marvin Taylor
Research Institution: New York University
Home Institution: New York University
Co-Authors: Marvin J Taylor, New York University
HU

Zhiren Zheng ............................ 4:00 PM, CC- 22
Presentation Title: Growth and Characterization of Atomic-thick Topological Crystalline Insulator SnTe Films
Research Mentor: Fred Walker
Research Institution: Yale University
Home Institution: UC Berkeley
Co-Authors: Ke Zou, Frederick Walker and Charles Ahn, Yale University
PS
Poster Presentations by Name

Adetunji Adeniran-Adetoye, 31
Presentation Title: Fast-Scan Cyclic Voltammetry Detection of Acetylcholine Stimulated Dopamine and Octopamine Release in Drosophila Melanogaster Ventral Nerve Cord
Research Mentor: Jill Venton
Research Institution: University of Virginia
Home Institution: Morgan State University
Co-Authors: Jill Venton and Mi Mi Shin, University of Virginia

Tangi Akaoula, 83
Presentation Title: Rhodium Catalyzed Alkylation and Alkenylation of Arenes
Research Mentor: Thomas Gunnoe
Research Institution: University of Virginia
Home Institution: Piedmont Virginia Community College
Co-Authors: Thomas Brent Gunnoe and Weihao Zhu, University of Virginia

Favour Akinjiyan, 27
Presentation Title: Lead Discovery and Chemical Biology Approaches in the Ubiquitin Proteasome System
Research Institution: Novartis Institutes for BioMedical Research
Co-Authors: Seth Carbonneau and Nathan Ross, Novartis Institutes for BioMedical Research

Stephanie Albarracin, 87
Presentation Title: Characterizing Adiabatic Pulses with Liquid State NMR
Research Mentor: Chandrasekhar Ramanathan
Research Institution: Dartmouth College
Home Institution: Hunter College
Co-Authors: Chandrasekhar Ramanathan, Dartmouth College

Sarai Alvarez, 82
Presentation Title: Using Data Analytics to Explore the Role and Classification of Facebook Features and Psychological Data in Social Anxiety
Research Mentor: Laura Barnes
Research Institution: University of Virginia
Home Institution: George Mason University
Co-Authors: Laura Barnes and Yu Huang, University of Virginia

Shabree Anthony, 89
Presentation Title: The Effect of Ion Liquid Gating on Dzyaloshinskii-Moriya Interactions
Research Mentor: Sunxiang Huang
Research Institution: University of Miami
Home Institution: University of the Virgin Islands
Co-Authors: Sunxiang Huang and Durga Khadka, University of Miami

Francis Albert Apolinario, 40
Presentation Title: Expression of the Mammalian Transcription Factor (NELF) in Saccharomyces cerevisiae
Research Mentor: Olga Viktorovskaya
Research Institution: Harvard University, Division of Medical Sciences
Home Institution: UC Santa Cruz
Co-Authors: Olga Viktorovskaya, Harvard Medical School; Fred Winston, Harvard Medical School, Dept of Genetics

Andrew Asante, 1
Presentation Title: Too Exhausted to Save: The Role of Immune-Checkpoint Receptors in the Tumor Microenvironment
Research Institution: Novartis Institutes for BioMedical Research
Co-Authors: Andrew Asante, Yan Xu, Glenn Dranoff and Daniela Cipoletta, Novartis Institutes for BioMedical Research

Gregory Bacon, 94
Presentation Title: The Impact of Education Level on Drinking Identity
Research Mentor: Bethany Teachman
Research Institution: University of Virginia
Home Institution: Hampton University
Co-Authors: Bethany Teachman, University of Virginia

Elena Bagatelas, 64
Presentation Title: The Effects of Age and Use on Late Life Reproduction in C. remanei and C. elegans fog-2 Worms
Research Mentor: Zuzana Kocsisova
Research Institution: Washington University in St. Louis
Home Institution: University of Tennessee-Knoxville
Co-Authors: Zuzana Kocsisova and Kerry Kornfeld, Washington University in St. Louis

Poster Presentation Key: Name, Poster Number
Michelle Barba, 32
Presentation Title: Screening Sulfonyl-Triazole Library for Novel Diacylglycerol Lipase-Beta (DAGLB) Inhibitors
Research Mentor: Ken Hsu
Research Institution: University of Virginia
Home Institution: Heritage University
Co-Authors: Ku-Lung Hsu, University of Virginia; Seo Yeon Yoo, Amherst College; Jiyun Shin, University of Virginia

Marilyn Barragan, 44
Presentation Title: Characterization of Tetraspanin CD82 Protein Domains Important for Plasma Membrane Sub-Localization
Research Mentor: Emanuela Gussoni
Research Institution: Harvard University, Division of Medical Sciences
Home Institution: University of Kansas
Co-Authors: Marilyn Barragan, Harvard University Div. of Medical Sciences; Emanuela Gussoni, Boston Children's Hospital and Harvard Medical School

Myles Bartholomew, 36
Presentation Title: Characterizing Clinical Strains of Pseudomonas aeruginosa Post Transposon Mutagenesis
Research Mentor: Brent Berwin
Research Institution: Dartmouth College
Home Institution: Xavier University of Louisiana
Co-Authors: Sally Demirdjian, Hector Sanchez and Brent Berwin, Dartmouth College

Jazmine Baylor, 49
Presentation Title: Effects of Metformin Treatment and Running Activity on Brain Beta-Amyloid Plaque Accumulation in the APP+/PS1+ Mouse Model of Alzheimer's Disease
Research Mentor: Joanne Allard
Research Institution: Howard University
Home Institution: Tougaloo College
Co-Authors: Joanne Allard, Howard University

Ilex Beltran-Najera, 98
Presentation Title: How Words Compete During Speech Perception
Research Mentor: Jonathan Peelle
Research Institution: Washington University in St. Louis
Home Institution: San Diego State University
Co-Authors: Chad Rodgers and Jonathan Pelle, Washington University in St. Louis

Brandon Berk, 88
Presentation Title: The Evolution of Cooperation - C++ Coding of Social Networks using “The Prisoners Dilemma”
Research Mentor: Feng Fu
Research Institution: Dartmouth College
Home Institution: Heritage University
Co-Authors: Tommy Khoo and Feng Fu, Dartmouth College

Danielle Boateng, 10
Presentation Title: Investigating the Role of BET Proteins in Adipose Tissue Adaptive Thermogenesis
Research Mentor: Larry Pessolano
Research Institution: Harvard University, Division of Medical Sciences
Home Institution: University of Maryland, Baltimore County
Co-Authors: Jorge Plutzky, Brigham and Women's Hospital, HMS; Larry Pessolano, Brigham and Women's Hospital

Angel Boulware, 8
Presentation Title: Psychosocial Adversity as a Determinant of Psychopathology in a Child Inpatient Sample
Research Mentor: Marcos Grados
Research Institution: Johns Hopkins University
Home Institution: Spelman College
Co-Authors: Marco Grados and Anuradha Haridhas, Johns Hopkins University

Sabrina Bracero, 62
Presentation Title: Asymmetries Of DNA Replication Molecules During Germline Stem Cell Division
Research Mentor: Xin Chen
Research Institution: Johns Hopkins University
Home Institution: College of William & Mary
Co-Authors: Xin Chen and Jonathan Snedeker, Johns Hopkins University

Artemisa Bulku, 14
Presentation Title: Airway “Sugarcoating” and its Effect in Asthma Microbial Exacerbations
Research Mentor: Kevin White
Research Institution: Novartis Institutes for BioMedical Research
Home Institution: Suffolk University
Co-Authors: Khaushik Subramanian and Kevin White, Novartis Institutes for BioMedical Research
Alexis Carey, 77
Presentation Title: Associations Between Black Carbon Exposure and FeNO Levels in Baltimore City Youth
Research Mentor: Kirsten Koehler
Research Institution: Johns Hopkins University
Home Institution: Clark Atlanta University
Co-Authors: Ehsan Majd, Kirsten Koehler and Meredith McCormack, Johns Hopkins University

Roberto Castro Gutierrez, 24
Presentation Title: On the Hunt for Drug Targets: Automating a Whole Genome siRNA Screen
Research Mentor: Peter Aspesi
Research Institution: Novartis Institutes for BioMedical Research
Home Institution: University of Texas at El Paso
Co-Authors: Peter Aspesi, Novartis Institutes for BioMedical Research

Ryan Chipman, 69
Presentation Title: The Potential Use of Dasatinib, a SRC Kinase Inhibitor, for the Treatment of Triple Negative Breast Cancer
Research Mentor: Amy Bouton
Research Institution: University of Virginia
Home Institution: Susquehanna University
Co-Authors: Amy Bouton, Keena Thomas and Janet Arras, University of Virginia

Almas David, 99
Presentation Title: Tipping Point: An Analysis of the Cost of a Four Year Degree
Research Mentor: Natalie Strobach
Research Institution: Johns Hopkins University
Home Institution: Johns Hopkins University
Co-Authors: Natalie Strobach, Johns Hopkins University

Sharice Davis, 3
Presentation Title: Generation of Mouse Fibroblast Lines for in vivo Breast Cancer Support
Research Mentor: Michalina Janiszewska
Research Institution: Harvard University, Division of Medical Sciences
Home Institution: Langston University
Co-Authors: Michalina Janiszewska, DFCI, Dept of Cancer Biology; Kornelia Polyak, DFCI and Harvard Medical School

Jeremy Delgadillo, 97
Presentation Title: Self-Control and Delay of Gratification: Aging and Temptation Effects
Research Mentor: Todd Braver
Research Institution: Washington University in St. Louis
Home Institution: San Diego State University
Co-Authors: Bidhan Lamichhane and Todd Braver, Washington University in St. Louis

Daniel Delgado, 79
Presentation Title: Effects of Mn(II) Concentration on CeO2 Nanoparticle Surface Reactions in Complex Natural Water Systems
Research Mentor: Young-Shin Jun
Research Institution: Washington University in St. Louis
Home Institution: San Diego State University
Co-Authors: Xaunhao Wu and Young-Shin Jun, Washington University in St. Louis

Aastha Dhakal, 53
Presentation Title: Activation by Carbon Dioxide of Neurons in RTN and PreBotzinger Complex in Mice
Research Mentor: Douglas Bayliss
Research Institution: University of Virginia School of Medicine
Home Institution: Ohio State University
Co-Authors: Yingtang Shi and Douglas Bayliss, University of Virginia

Paula Dorcenat, 86
Presentation Title: Development of Highly Selective Sodium Ion Sensors Based on Neutral Carrier Ionophores
Research Mentor: Elsayed Zahran
Research Institution: University of Miami
Home Institution: Bethune-Cookman University
Co-Authors: Elsayed Zahran, University of Miami

Jason Dunlap, 95
Presentation Title: Measuring Dyadic Pupil Dilation Synchrony as a Predictor of Autistic Traits
Research Mentor: Thalia Wheatley
Research Institution: Dartmouth College
Home Institution: Brooklyn College CUNY
Co-Authors: Sophie Wohltjen and Thalia Wheatley, Dartmouth College
Destiny Durante, 78
Presentation Title: Efficacy of a Vegetative Barrier Reducing NOx Compounds Near Roadways
Research Mentor: Jay Turner
Research Institution: Washington University in St. Louis
Home Institution: Pennsylvania State University
Co-Authors: Jay Turner, Washington University in St. Louis

Lauren English, 54
Presentation Title: Developmental Expression of Sonic Hedgehog in the Postnatal Mouse Brain
Research Mentor: Yajun Xie
Research Institution: Harvard University, Division of Medical Sciences
Home Institution: Pomona College
Co-Authors: Corey Harwell and Yajun Xie, Harvard Medical School, Dept. of Neurobiology; Bulsola Olukoya, Harvard Medical School

Marlin Figgins, 41
Presentation Title: Genius Flies: Individual Differences in Learning within Isogenic Drosophila Populations
Research Mentor: Benjamin de Bivort
Research Institution: Harvard University
Home Institution: University of Chicago
Co-Authors: Matthew Smith, Harvard University, Dept. of Mol. and Cellular Bio.; Kyle Honegger and Benjamin de Bivort, Harvard University, Dept of Organismic and Evol. Bio.

Joelle Fuchs, 12
Presentation Title: The Flavoring Agent Ethyl Maltol Selectively Mediates Metal Transport
Research Mentor: Joseph Bressler
Research Institution: Johns Hopkins University
Home Institution: North Carolina State University
Co-Authors: Joseph Bressler, Johns Hopkins University

Esmeralda Garcia, 70
Presentation Title: The Effects of Fetal Alcohol Exposure on Nestin Positive Neurons in the Dentate Gyrus
Research Mentor: Mark Burke
Research Institution: Howard University
Home Institution: Heritage University
Co-Authors: Mark Burke, Howard University

Jessica Garcia, 37
Presentation Title: Characterization of a Novel Gene Required for Peptidergic Inhibition of C. elegans 5-HT Neurons
Research Mentor: Niels Ringstad
Research Institution: New York University Sackler Institute
Home Institution: University of Miami
Co-Authors: Niels Ringstad and Kara Zang, New York University

Kennedy Goldsborough, 38
Presentation Title: Exploring Mitochondrial Protein Homeostasis in Peripheral Axons
Research Mentor: Thomas Schwarz
Research Institution: Harvard University, Division of Medical Sciences
Home Institution: Hampton University
Co-Authors: Jill Falk, Boston Children's Hospital; Thomas Schwarz, Boston Children's Hospital; Harvard Medical School

Kevin Gonzalez, 45
Presentation Title: Characterizing the role of Fat3 Signaling in Retinal Amacrine Cells
Research Mentor: Lisa Goodrich
Research Institution: Harvard University, Division of Medical Sciences
Home Institution: City College of New York
Co-Authors: Lisa Goodrich, Harvard Medical School, Dept. of Neurobiology; Evelyn Avilés, Harvard Medical School

Alan Gutierrez, 50
Presentation Title: The Contribution of Mitochondrial Architecture to Fatty Acid Oxidation in Diffuse Large B Cell Lymphoma Metabolism
Research Mentor: Nika Danial
Research Institution: Harvard University, Division of Medical Sciences
Home Institution: Vassar College
Co-Authors: Pei-Hsuan Chen and Illana Stanley, DFCI, Dept of Cancer Biology; Nika Danial, DFCI, Dept of Cancer Biology and HMS, Dept of Cell Biology
Emily Harrison, 85
Presentation Title: Design and Synthesis of Nicotinamide N-Methyltransferase (NNMT) Inhibitors for the Treatment of Obesity and Cancer
Research Mentor: Matthew Shair
Research Institution: Harvard University
Home Institution: Gettysburg College
Co-Authors: Matthew Shair and Rocco Policarpo, Harvard University, Dept of Chemistry and Chemical Biology

Darryl Hill, 30
Presentation Title: Identifying Molecular Targets to Develop Novel Therapies for Treatment of Metastatic Neuroblastoma
Research Mentor: Rani George
Research Institution: Harvard University, Division of Medical Sciences
Home Institution: Morehouse College
Co-Authors: Rani E. George, Dana Farber Cancer Institute and Harvard Medical School; Yang Gao, Dana Farber Cancer Institute

Jonathan Hoover, 57
Presentation Title: Kinesin KIF5a Transports RNA Granules Containing SFPQ and mRNAs that Promote Axonal Survival
Research Mentor: Rosalind Segal
Research Institution: Harvard University, Division of Medical Sciences
Home Institution: Santa Clara University
Co-Authors: Yusuke Fukuda, Dana Farber Cancer Institute and Harvard Medical School; Rosalind Segal, Dana Farber Cancer Institute and Harvard Medical School

Michael Hopkins, 55
Presentation Title: The Birds, The Bees, and The Fruit Flies: Using Drosophila Copulation to Understand the Neuronal Circuitry Behind Motivation and Timing
Research Mentor: Michael Crickmore
Research Institution: Harvard University, Division of Medical Sciences
Home Institution: North Carolina Central University
Co-Authors: Michael Crickmore, Boston Children's Hospital and Harvard Medical School; Stephen Thornquist, Harvard University Div. of Medical Sciences

Kayla Ingram, 23
Presentation Title: Potential Roles of TACC in Regulating Microtubule Function During Synaptogenesis
Research Mentor: David Van Vactor
Research Institution: Harvard University, Division of Medical Sciences
Home Institution: Hampton University
Co-Authors: David Van Vactor, Harvard Medical School, Dept of Cell Biology; Vivian Chou, Harvard University Div. of Medical Sciences; Maxime Vounatsos, Boston University

Daniel Jacques, 74
Presentation Title: Improving Data Center Energy Efficiency through End-to-End Cooling Modeling and Optimization
Research Mentor: Wangda Zuo
Research Institution: University of Miami
Home Institution: University of Maryland, Baltimore County
Co-Authors: Wangda Zuo and Yangyang Fu, University of Miami

Yasmin John, 20
Presentation Title: Variations in Predation Responses and Associated Costs in Daphnia
Research Mentor: Alan Bergland
Research Institution: University of Virginia
Home Institution: University of Virginia
Co-Authors: Alan Bergland and Karen Barnard-Kubow, University of Virginia

Dove-Anna Johnson, 92
Presentation Title: Cell Types of the Zebra Finch Caudal Mesopallium
Research Mentor: Dan Meliza
Research Institution: University of Virginia
Home Institution: University of Virginia
Co-Authors: Dan Meliza, University of Virginia

Marcus Jordan, 90
Presentation Title: Simulation of Nanoparticle Surface Functionalization via Free Radical Polymerization
Research Mentor: Kateri DuBay
Research Institution: University of Virginia
Home Institution: University of Maryland, Baltimore County
Co-Authors: Kateri DuBay and Zhongmin Zhang, University of Virginia
Ziyin Kong, 101
   Presentation Title: Innovative Chemical Screening Technologies in Early Drug Discovery
   Research Mentor: Jonathan E. Grob
   Research Institution: Novartis Institutes for BioMedical Research
   Co-Authors: Matthew H. Daniels, Mary C. Andorfer, Jared C. Lewis and Kian L. Tan, Novartis Institutes for BioMedical Research

Ashley Kyalwazi, 34
   Presentation Title: Neocortical Layer 6 Corticothalamic Neuron Innervation Patterns in the Thalamus
   Research Mentor: Solange Brown
   Research Institution: Johns Hopkins University
   Home Institution: University of Notre Dame
   Co-Authors: Maxime Chevee and Dr. Solange Brown, Johns Hopkins University

Tiara Lacey, 7
   Presentation Title: Crosstalk Between Cell Signaling and Metabolism: Regulation of the Antiporter xCT by the PI3K-AKT Pathway
   Research Mentor: Laura Ghisolfi
   Research Institution: Harvard University, Division of Medical Sciences
   Home Institution: Spelman College
   Co-Authors: Laura Ghisolfi and Evan Lien, Beth Israel Deaconess Medical Center; Alex Toker, Beth Israel Deaconess Medical Center; Harvard Medical School

Dexter Manglicmot, 66
   Presentation Title: New Lamin Mutations And Prelamin A Processing
   Research Mentor: Katherine Wilson
   Research Institution: Johns Hopkins University
   Home Institution: Chaminade University of Honolulu
   Co-Authors: Katherine Wilson, Susan Michaelis and Timothy Babatz, Johns Hopkins University

Sanaa Mansoor, 84
   Presentation Title: AutoShim: 3D Based Machine Learning Approach for Predicting IC50s of Kinase Assays
   Research Mentor: Eric Martin
   Research Institution: Novartis Institutes for BioMedical Research
   Home Institution: Mount Holyoke College
   Co-Authors: Eric Martin and Valery Polyakov, Novartis Institutes for BioMedical Research

Zaniya Mark, 33
   Presentation Title: Testing the Ability of Viral Activation Domains to Boost Transcription Factor Driven Axon Regeneration
   Research Mentor: Vance Lemmon
   Research Institution: University of Miami
   Home Institution: Fayetteville State University
   Co-Authors: Vance Lemmon and Saloni Mehta, University of Miami

Jake Martin, 80
   Presentation Title: Resistence Through Rememberance
   Research Mentor: Henry Skerritt
   Research Institution: University of Virginia
   Home Institution: Southeastern Oklahoma State University
   Co-Authors: Henry Skerritt, University of Virginia

Juan Martínez Cervantes, 16
   Presentation Title: Role of Protein Degradation in Stress-Induced Neuromodulation in C.elegans
   Research Mentor: Xicotencatl Gracida
   Research Institution: Harvard University
   Home Institution: Instituto Politìnico Nacional
   Co-Authors: Xicotencatl Gracida and Yun Zhang, Harvard University; John A. Calarco, University of Toronto

Asha McElroy, 63
   Presentation Title: Application of Pseudorabies Virus to Map Neuronal Connections in the Brain
   Research Mentor: Xiping Zhan
   Research Institution: Howard University
   Home Institution: North Carolina A&T State University
   Co-Authors: Xiping Zhan, Howard University

Curtis McInnis Jr, 68
   Presentation Title: Evaluating Baseline Protein and RNA Expression of AnnexinII and SPINK-1 Biomarkers in Different Prostate Cancer Cell Lines
   Research Mentor: Tamaro Hudson
   Research Institution: Howard University
   Home Institution: Stevenson University/Villa Julie
   Co-Authors: Tamaro Hudson, Howard University
Khadija Moctar, 9
Presentation Title: Investigating the Potential Role of Autoantibodies in the Development of Nonischemic Heart Failure
Research Mentor: Pilar Alcaide
Research Institution: Tufts University Sackler School of Graduate Biomedical Sciences
Home Institution: CSU Northridge
Co-Authors: Pilar Alcaide and Njabulo Ngwenyama, Tufts University School of Graduate Biomedical Sciences

Jacqueline Mosko, 19
Presentation Title: Understanding Somatosensory Deficits in SHANK3 Mouse Models of Autism Spectrum Disorder
Research Mentor: Lauren Orefice
Research Institution: Harvard University, Division of Medical Sciences
Home Institution: Emmanuel College
Co-Authors: Danielle Morency, Harvard University Div. of Medical Sciences; Lauren Orefice and David Ginty, Dept. of Neurobiology, Harvard Medical School

Gian Molina-Castro, 48
Presentation Title: Spatial and Temporal Dynamics of Single Oligodendrocytes During Gray Matter Remyelination
Research Mentor: Dwight Bergles
Research Institution: Johns Hopkins University
Home Institution: UPR-Rio Piedras
Co-Authors: Cody Call and Dwight E. Bergles, Johns Hopkins University

Chimwemwe Mwase, 25
Presentation Title: Defenders of the Alveolus: the Fight Against Lung Infections
Research Institution: Novartis Institutes for BioMedical Research
Co-Authors: Carla Bauer, Sandeep Daya and Katharine Feldman, Novartis Institutes for BioMedical Research

Katherin Morales, 35
Presentation Title: Difference Between RIP1-Independent and RIP1-Dependent Apoptosis
Research Mentor: Junying Yuan
Research Institution: Harvard University, Division of Medical Sciences
Home Institution: University of Kansas
Co-Authors: Huibing Wang, Harvard Medical School; Junying Yuan, Harvard Medical School, Dept. of Cell Biology

Joan Ndungu, 11
Presentation Title: Signaling Mechanisms Controlling Islet Vascularization: Role of Beta-adrenergic Signaling
Research Mentor: Rejji Kuruvilla
Research Institution: Johns Hopkins University
Home Institution: Kennesaw State University
Co-Authors: Alexis Ceasrine and Rejji Kuruvilla, Johns Hopkins University

Danielle Morency, 42
Presentation Title: Assessing Peripheral Somatosensory Neurons as a Potential Therapeutic Target for Autism Spectrum Disorders
Research Mentor: Lauren Orefice
Research Institution: Harvard University, Division of Medical Sciences
Home Institution: Simmons College
Co-Authors: Jacqueline Mosko, Harvard University Div. of Medical Sciences; Lauren Orefice and David Ginty, Dept of Neurobiology, Harvard Medical School

Keri Ngo, 58
Presentation Title: Investigation into the Structures of PCDH C3 and C5
Research Mentor: Rachelle Gaudet
Research Institution: Harvard University
Home Institution: Boston University
Co-Authors: Rachelle Gaudet and Elizabeth May, Dept of Molecular and Cellular Biology, Harvard University; Jack Nicoludis, Dept of Chemistry, Harvard University

Omar Moreno-Flores, 73
Presentation Title: Increasing Accessibility to Biomedical Tools using Digital Fabrication
Research Mentor: Ethan Danahy
Research Institution: Tufts University
Home Institution: Heritage University
Co-Authors: Ethan Danahy and Jean-Michel Molenaar, Tufts University

Gigi Nwagbo, 18
Presentation Title: Studying the Role of Casein Kinase 2 in Medulloblastoma Tumorigenesis in Mouse Models
Research Mentor: Gordon Li
Research Institution: Stanford University Engineering
Home Institution: Stanford University
Co-Authors: Gordon Li, Ben Jin, Ryan Nitta, Suzana Kahn and Ben Jin, Stanford University
Chiemela Ohanele, 6
Presentation Title: Tumor-derived Exosomes Negatively Impact the Pro-Inflammatory Function of Mucosal Dendritic Cells
Research Mentor: Melanie Rutkowski
Research Institution: University of Virginia School of Medicine
Home Institution: University of Pennsylvania
Co-Authors: Melanie Rutkowski and Tzu-Yu Feng, University of Virginia

Feyisayo Okelowo, 2
Presentation Title: Capsule Types of Streptococcus Pneumoniae Correlates with Volatile Metabolites
Research Mentor: Jane Hill
Research Institution: Dartmouth College
Home Institution: Morgan State University
Co-Authors: Theodore Mellors and Jane Hill, Dartmouth College

Amen Onuoha, 100
Presentation Title: !?:?: An Analysis of the Art of Punctuation
Research Mentor: Natalie Strobach
Research Institution: Johns Hopkins University
Home Institution: Towson University
Co-Authors: Natalie Strobach, Johns Hopkins University

Hope Opia, 72
Presentation Title: Wrinkles in Polymer Thin Films
Research Mentor: Zi Chen
Research Institution: Dartmouth College
Home Institution: Morgan State University
Co-Authors: Yin Liu and Zi Chen, Dartmouth College

Geoffrey Parriott, 61
Presentation Title: Spontaneous Development of Peripheral Node Addressin on Tumor Associated Endothelial Cells
Research Mentor: Victor Engelhard
Research Institution: University of Virginia
Home Institution: Longwood University
Co-Authors: Victor Engelhard and Anthony Rodriguez, University of Virginia

Taylor Patrick, 75
Presentation Title: Thread-based Impedance Sensors for Chronic Wound Monitoring
Research Mentor: Meera Punjiya
Research Institution: Tufts University
Home Institution: University of Maryland, Baltimore County
Co-Authors: Meera Punjiya, Tufts University

Rosalba Ponce, 81
Presentation Title: Songs of a Secret Country; History of Displacement
Research Mentor: Henry Skerritt
Research Institution: University of Virginia
Home Institution: Whittier College
Co-Authors: Henry Skerritt, University of Virginia

Carla Quinones, 52
Presentation Title: The Importance of a Phenolic Group in the Substrates of Iodotyrosine Deiodinase
Research Mentor: Steve Rokita
Research Institution: Johns Hopkins University
Home Institution: UPR-Rio Piedras
Co-Authors: Steven Rokita and Anton Kozyryev, Johns Hopkins University

Nicholas Ramirez, 65
Presentation Title: Using Chemical Genetics and Protein Localization to Understand Signaling Pathways in Eukaryotic Cells
Research Mentor: James Moseley
Research Institution: Dartmouth College
Home Institution: UC Irvine
Co-Authors: Hannah Opalko and James Moseley, Dartmouth College

Francis Reilly-Andoejar, 47
Presentation Title: Surveying Forkhead DNA Binding Domain Specificity to Nucleosomal DNA
Research Mentor: Luca Mariani
Research Institution: Harvard University, Division of Medical Sciences
Home Institution: UPR-Rio Piedras
Co-Authors: Martha L. Bulyk, Brigham and Women's Hospital; Harvard Medical School; Luca Mariani, Brigham and Women's Hospital

Alma Rivera, 22
Presentation Title: An Integrated Sample Preparation Protocol for Uncompromised 3D Super Resolution Microscopy
Research Mentor: Andreas Gahlmann
Research Institution: University of Virginia
Home Institution: University of Virginia
Co-Authors: Andreas Gahlmann and Ting Yan, University of Virginia
Jarhonda Roberts, 91
Presentation Title: Creating Cognitive Empathy in Engineering Design
Research Mentor: Leidy Klotz
Research Institution: University of Virginia
Home Institution: University of Virginia
Co-Authors: Leidy Klotz and Sydney Applegate, University of Virginia

Amani Rogers, 71
Presentation Title: Instrumentation to Study Sea Ice at in situ Temperatures
Research Mentor: Rachel Obbard
Research Institution: Dartmouth College
Home Institution: Morgan State University
Co-Authors: Alice Bradley and Rachel Obbard, Dartmouth College

Savannah Samuel, 29
Presentation Title: Development of Hepatocellular carcinoma and TP73 Expression: Does DNA Methylation Play a Role?
Research Mentor: Zaki Sherif
Research Institution: Howard University
Home Institution: Xavier University of Louisiana
Co-Authors: Zaki Sherif, Howard University

Jamila Smith, 76
Presentation Title: A Gassy Earth Makes for Carbon Rebirth: Investigating the Effects of Plate Tectonics on the Carbon Cycle by Measuring Seafloor Spreading Rates
Research Mentor: Colleen Dalton
Research Institution: Brown University
Home Institution: SUNY College at Fredonia
Co-Authors: Colleen Dalton and Timothy Herbert, Brown University

Chrystal Spencer, 93
Presentation Title: Groups in Mind: Mental Representations, Aggression, and Perception of “Us” versus “Them”
Research Mentor: Mina Cikara
Research Institution: Harvard University
Home Institution: Rutgers University
Co-Authors: Marius Vollberg, Will Moore and Mina Cikara, Harvard University, Dept of Psychology

Amanda St. Paul, 13
Presentation Title: S-Nitrosoglutathione reductase is Essential for Protecting Female Hearts from Ischemia-reperfusion Injury
Research Mentor: Mark Kohr
Research Institution: Johns Hopkins University
Home Institution: College of New Jersey
Co-Authors: Mark Kohr, Johns Hopkins University; Ashley Chan, Cornell University; Kevin Casin, Johns Hopkins University

Josephine Tang, 59
Presentation Title: Characterization of the VEGF-Ax mRNA Readthrough Element
Research Mentor: Victoria D’Souza
Research Institution: Harvard University
Home Institution: Boston College
Co-Authors: Nico Wagner and Victoria D’Souza, Dept of Molecular and Cellular Biology, Harvard University

Brandi Taylor, 4
Presentation Title: ELMO 1 in Differentiation of HL60 Neutrophils
Research Mentor: Sanja Arandjelovic
Research Institution: University of Virginia
Home Institution: Claflin University
Co-Authors: Sanja Arandjelovic, University of Virginia

Paloma Tuttle, 56
Presentation Title: Isolation of Sanglifehrin A as a Chemical Probe to Characterize Induced Protein-protein Interactions
Research Mentor: Christina Woo
Research Institution: Harvard University
Home Institution: Florida International University
Co-Authors: Hope Flaxman and Christina Woo, Harvard University, Dept of Chemistry and Chemical Biology

Alina Ulezko Antonova, 15
Presentation Title: Altered Fructose Metabolism in Patients with Hereditary Fructose Intolerance
Research Mentor: Victoria Vera
Research Institution: Novartis Institutes for BioMedical Research
Home Institution: Emory University
Co-Authors: Victoria Vera and Kevin Clairmont, Novartis Institutes for BioMedical Research

Maria Varela, 60
Presentation Title: Inducible Expression of Lamin B1 in Lamin A/C, Lamin B1, Lamin B2 Triple-Knockout Mouse Embryonic Stem Cells
Research Mentor: Yixian Zheng
Research Institution: Johns Hopkins University
Home Institution: University of Texas at San Antonio
Co-Authors: Minjie Hu and Yixian Zheng, Johns Hopkins University

Chayla Vazquez, 96
Presentation Title: The Effect of Early Life Enrichment on Cognitive Development
Research Mentor: Dima Amso
Research Institution: Brown University
Home Institution: Emory University
Co-Authors: Dima Amso and Kevin Bath, Brown University
Alexandria Velasquez, 39
Presentation Title: Construction of the Choroid Plexus During Brain Development
Research Mentor: Ryan Fame
Research Institution: Harvard University, Division of Medical Sciences
Home Institution: Hunter College
Co-Authors: Ryann Fame, Boston Children's Hospital; Joshua Head, Boston Children's Hospital; Maria Lehtinen, Boston Children's Hospital; Harvard Medical School

Kenny Veliz, 5
Presentation Title: Activation of the Renin Angiotensin-Aldosterone System’s Effect on Protein Disulfide Isomerase
Research Mentor: Jose Romero
Research Institution: Harvard University, Division of Medical Sciences
Home Institution: UC Merced
Co-Authors: Jose Romero, Harvard University Div. of Medical Sciences

Pooja Venugopal, 21
Presentation Title: Characterization of Cilia in Tuberous Sclerosis Complex
Research Mentor: Alessia Di Nardo
Research Institution: Harvard University, Division of Medical Sciences
Home Institution: Boston University
Co-Authors: Alessia Di Nardo, Boston Children's Hospital; Mustafa Sahin, Harvard Medical School; Boston Children's Hospital

Brandon Walker, 17
Presentation Title: Epigenetic Machinery in Cell Fate Modulation
Research Mentor: Marius Wernig
Research Institution: Stanford University Engineering
Home Institution: Stanford University
Co-Authors: Marius Wernig and Moritz Mall, Stanford University

Dy’mon Walker, 67
Presentation Title: To Reveal the Biological Importance of the PolyA Signals of the M112N113 Gene of Murine Cytomegalovirus
Research Mentor: Qiyi Tang
Research Institution: Howard University
Home Institution: Morgan State University
Co-Authors: Qiyi Tang, Howard University

JaNiece Walker, 51
Presentation Title: Alu Exons: The Hidden Transcripts
Research Mentor: JaNiece Walker
Research Institution: Johns Hopkins University
Home Institution: Xavier University of Louisiana
Co-Authors: Lindsay Horvath, Jared Steranka and Kathleen H. Burns, Johns Hopkins University

Terika Williams, 46
Presentation Title: The Role Of Epigenetics in the Expression of TP53 and TP73 in Breast Cancer Cell Lines
Research Mentor: Terika Williams
Research Institution: Howard University
Home Institution: Claflin University
Co-Authors: Zaki Sherif, Howard University

Joselyn Yamamoto, 43
Presentation Title: Is dbx1b Essential for Habenular Development?
Research Mentor: Marnie Halpern
Research Institution: Johns Hopkins University
Home Institution: CSU Dominguez Hills
Co-Authors: Michelle Macurak, Sara Roberson and Marnie Halpern, Johns Hopkins University

Fred Yeboah, 26
Presentation Title: The Quest to Escape a "Dead End": Elucidating the Pathways that Promote Nmdar-Mediated Excitotoxicity
Research Institution: Novartis Institutes for BioMedical Research
Co-Authors: Anke Bill and Hongqiu Guo, Novartis Institutes for BioMedical Research

Isabella Zafra, 28
Presentation Title: Identification of Small-Molecule Inhibitors of Flavivirus Entry
Research Mentor: Melissanne de Wispelaere
Research Institution: Harvard University, Division of Medical Sciences
Home Institution: York College of Pennsylvania
Co-Authors: Melissanne de Wispelaere, Harvard University Div. of Medical Sciences; Priscilla Yang, Harvard Medical School, Dept. of Microbiology and Immunobiology
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New Doctoral Scholars

The Leadership Alliance congratulates the following doctoral scholars who have competed their PhDs and MD-PhDs. These doctoral scholars bring the total number of Leadership Alliance doctoral scholars to 427.

**Danielle Busby, PhD**
BS, 2010, University of Michigan-Ann Arbor
PhD, 2016, George Washington University

**Denisse Izquierdo, PhD**
BS, 2011, Barnard College
PhD, 2017, Weill Cornell Graduate School

**Edmarie Guzman-Velez, PhD**
BS, 2010, UPR-Rio Piedras
PhD, 2017, University of Iowa

**Katie Litts, PhD**
BS, 2010, University of Rochester
PhD, 2016, University of Alabama-Birmingham

**Destin Jenkins, PhD**
BA, 2010, Columbia University
PhD, 2016, Stanford University

**Michael Bustamante, PhD**
BA, 2006, Yale University
PhD, 2017, Yale University

**Frederick Ketchum, MD/PhD**
BS, 2004, Wheaton College
MD/PhD, 2017, University of Chicago

**Amber Williams, PhD**
BS, 2010, Rice University
PhD, 2016, University of Michigan-Ann Arbor

**Nesty Torres Chicon, PhD**
BS, 2009, UPR-Rio Piedras
PhD, 2017, UC Berkeley

**Natassia Rodriguez Ott, PhD**
BS, 2011, University of North Carolina Chapel Hill
PhD, 2016, Stanford University

**Lauren Eldridge, PhD**
BS, 2010, Spelman College
PhD, 2016, University of Chicago

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Who’s Who at the Symposium

Rhiannon Aguilar
Weill Cornell/Rockefeller/Sloan-Kettering Tri-Institutional MD-PhD Program

Rhiannon Aguilar is a 4th year student in the Tri-Institutional MD-PhD Program. She is currently doing her PhD studies in Dr. Jessica Tyler’s lab at Weill Cornell Medical College, where she studies chromatin biology and histone chaperone proteins, particularly in the context of DNA double-strand break repair. She is an alumna of the Gateways to the Laboratory program, Tri-I’s summer undergraduate research program, and attended LANS as an undergraduate in 2011. Now she is a mentor for current Gateways program students. Before beginning her MD-PhD studies, Rhiannon received a B.S. in Chemistry from the University of Maryland, College Park. She is a native of the Washington, DC area, but is currently enjoying life as an MD-PhD student in NYC.

Sandra, L. Barnes
Vanderbilt University

Sandra, L. Barnes, Ph.D., joined the Office of Equity, Diversity, and Inclusion as Assistant Vice Chancellor of Equity, Diversity, and Inclusion on July 1, 2016. She is currently a joint appointed Sociology Professor in the Department of Human and Organizational Development in Peabody College and the Divinity School. Prior to joining Vanderbilt in 2008, Dr. Barnes was an Associate Professor in the Dept. of Sociology at Case Western Reserve University (2007-2008) and an Assistant and subsequently an Associate Professor in the Dept. of Sociology & Anthropology and the African American Studies Research Center at Purdue University (2000-2007). In addition to performing research and teaching, Dr. Barnes recently completed a one-hour documentary, “Gary, Indiana: A Tale of Two Cities,” examining what churches are doing to empower citizens in an urban space. She also serves as principal investigator of a $1.5 million five-year HIV/hepatitis prevention study supported by the Department of Health and Human Services: Substance Abuse and Mental Health Services Administration (SAMSHA) targeting young black sexual minorities. She has written seven books, served as lead author on three edited volumes, and published almost 50 academic articles. She is also editor of Issues in Race & Society: An Interdisciplinary Global Journal. Dr. Barnes obtained her B.S. from Fisk University, M.S. degrees from Georgia Institute of Technology and the Interdenominational Theological Center, and Ph.D. from Georgia State University.

Anastacia Berzat Awad
Novartis Institutes for BioMedical Research

Anastacia Awad is Associate Director and Head of Emerging Talent and Leadership. Anastacia drives the development and implementation of scientific training programs for emerging scientists including the NIBR Scientific Summer Scholars and Postbaccalaureate Scholars programs. She also works closely with academic and industry partners to strengthen and shape biomedical education/training of the future talent pipeline. Additionally, Anastacia convenes a global mentoring community group to enhance mentoring education and share its impact on the organization. Prior to joining NIBR, Anastacia earned a BS in Biology from Florida A&M University. She subsequently received her PhD in Genetics and Molecular Biology from the University of North Carolina at Chapel Hill with a focus in elucidating oncogenic signaling pathways. As a postdoctoral fellow at Memorial Sloan-Kettering, Anastacia was awarded an American Cancer Society fellowship to investigate the molecular mechanisms driving glioma invasion, under the guidance of the late Professor Alan Hall.
Tiffany N. Brannon  
*University of California, Los Angeles*

Tiffany N. Brannon received her Ph.D. and M.A. in Social Psychology from Stanford University and her B.A. in Psychology from Florida International University. Her research examines socio-cultural identities in negatively stereotyped groups such as African-Americans and Latino-Americans; and she investigates the potential for these identities to serve as a psychological resource—one that can facilitate a variety of individual and intergroup benefits. Her research integrates basic psychological theories related to the self, multicultural experiences, and consistency theories to understand the conditions that allow culturally shaped identities in negatively stereotyped groups to function as powerful agents of social change. This research has demonstrated that culturally shaped identities when affirmed within mainstream educational settings can increase academic motivation and performance in members of negatively stereotyped groups and can improve the intergroup attitudes of majority group members.

La Marr Jurelle Bruce  
*University of Maryland, College Park*

La Marr Jurelle Bruce is assistant professor of American studies at the University of Maryland, College Park, where he teaches courses in black expressive culture, performance studies, critical race theory, gender and sexuality studies, pop culture, and their various convergences. Before arriving at Maryland, he earned his Ph.D. in African American Studies and American Studies at Yale University, where he also served as lecturer in theater studies.

Dr. Bruce’s book, *How to Go Mad without Losing Your Mind: Madness and Black Radical Creativity* (forthcoming, Duke University Press), is a study of black artists who mobilize “madness” for radical art-making, self-making, and world-making. His writing is featured in *African American Review, American Quarterly, TDR,* and *No Tea, No Shade: New Writings in Black Queer Studies,* and forthcoming in *Social Text.* He has received grants and honors from the Beinecke Library at Yale University; the Woodson Institute at the University of Virginia; the Mellon Foundation; the Social Science Research Council; and most recently, the Ford Foundation.

Don Brunson  
*Vanderbilt University*

Dr. Don Brunson is the Assistant Dean of the Vanderbilt University Graduate School and the Director of the Graduate School’s Enhancing Diversity in Graduate Education Program. He is responsible for leading recruitment and retention efforts for Ph.D. students from under-represented minority groups and other diverse student populations in all fields of study and women Ph.D. students majoring in science, technology, engineering, or mathematics fields. He was a MARC Honors Undergraduate Research Training Program at Morgan State University and attended the Massachusetts Institute of Technology (MIT) on a MARC graduate fellowship where he became the first African-American to earn a Ph.D. in Toxicology from MIT. After completing a two-year post-doctoral fellowship in the Department of Pharmacology and Molecular Sciences at the Johns Hopkins University School of Medicine, he altered his career path from scientific research to university administration and has held administrative positions at MIT, Morgan State University, and Vanderbilt University.
Juan D. Carrillo
University of North Carolina, Chapel Hill

Juan F. Carrillo is an associate professor at the University of North Carolina, Chapel Hill School of Education and he is the founding director of the Latin@ Education Research Hub (LERH). His experiences include being a high school teacher in low SES communities, positions in curriculum development, and various administrative roles in K-12 schools. He earned a PhD in Curriculum and Instruction, with a concentration in Cultural Studies in Education, and a Mexican American Studies Graduate Portfolio from the University of Texas at Austin. His primary research interests are in cultural studies in education, the identities of academically successful Latino male students, and Latin@ education in new gateway regions, with a specific emphasis on North Carolina. In 2014, he was awarded the UNC Chapel Hill Chiron Award for Teaching Excellence and Service and he was selected to be part of the fifth class of the UNC Thorp Faculty Engaged Scholars. In 2015, he was awarded the National Academy of Education/Spencer Postdoctoral Fellowship. His work has been featured in journals such as the Harvard Educational Review and the Journal of Latinos. He is also the author of the book, Barrio Nerds: Latino Males, Schooling, and the Beautiful Struggle.

Lauren Celano
Propel Careers

Lauren Celano is the Co-founder and CEO of Propel Careers, a life science search and career development firm focused on connecting talented individuals with entrepreneurial innovative life sciences companies. Lauren is very passionate about working with individuals with strong scientific backgrounds to find exciting growth opportunities in the life sciences and related industries. Lauren co-founded Propel Careers in 2009 and since then, has worked with thousands of students, postdocs, medical residents and professionals to help advance their careers. Before Propel, she spent about 10 years in the life sciences industry working with companies to advance drug molecules through SNBL USA, Aptuit, Quintiles, and Absorption Systems. She has a B.S. in Biochemistry and Molecular Biology from Gettysburg College and an MBA with a focus in the health sector and entrepreneurship from Boston University. Lauren is on the Board of MassBioEd, the Advisory Board of the Boston University School of Public Health Pharmaceuticals Program, and the Advisory board for Endicott College Boston. She also serves on the Gettysburg College Entrepreneurial Fellowship Advisory Council and the programming committee of the Capital Network.

Arnaldo Diaz
University of Pennsylvania

Arnaldo Diaz, PhD, is the Assistant Dean for Research Training Programs, Director of Recruitment and Retention of Diversity Scholars, and Adjunct Assistant Professor of Pharmacology at the Perelman School of Medicine at the University of Pennsylvania.

Dr. Diaz works collaboratively with University leadership to develop and coordinate targeted recruitment strategies and provide academic and professional career development for underrepresented minority (URM) trainees across the full spectrum of undergraduate, graduate and post-graduate programs in the biomedical sciences. He directs the Summer Undergraduate Internship Program (SUIP), the Penn Post-Baccalaureate Research Education Program (PennPREP), and co-directs the Penn-Postdoctoral Opportunities in Research and Teaching (PENN-PORT), an NIH sponsored, Institutional Research and Academic Career Development Award (IRACDA). He works closely with Program members by advising them, monitoring their progress, and assisting them with the graduate school admission process and fellowships. Additionally, Dr. Diaz serves as liaison to The Leadership Alliance, an academic consortium working to develop underrepresented students into leaders.

Dr. Diaz received a Bachelor of Science in Chemistry from the University of Puerto Rico-Rio Piedras, and a Ph.D. in Biochemistry from Texas A&M University.
Isabel Geathers
*Columbia University*

Isabel Geathers is the Assistant Dean for Academic Diversity at the Graduate School of Arts and Sciences at Columbia University, a position that oversees the management of the Office of Academic Diversity as well as all diversity programming for the Graduate School of Arts and Sciences. She is responsible for the recruitment and retention of under-represented students across all Arts and Sciences graduate departments and programs. She is the Program Director for Columbia’s Summer Research Program and serves the Leadership Alliance as Columbia’s Institutional Coordinator. Dr. Geathers received her B.A. in English and Classics from Washington University in St. Louis. She graduated with her Ph.D. in English from the University of Pennsylvania and went on to complete postdoctoral work at Princeton University. Her research is centered in contemporary American and African American literature with a specialization in aesthetic theory and genre theory.

Juan E. Gilbert
*University of Florida*

Dr. Juan E. Gilbert is The Banks Preeminence Chair in Human-Centered Computing and Chair of the Computer & Information Science & Engineering Department at the University of Florida where he leads the Human Experience Research Lab. Dr. Gilbert has research projects in spoken language systems, advanced learning technologies, usability and accessibility, Ethnocomputing (Culturally Relevant Computing) and databases/data mining. He has published more than 180 articles, given more than 250 talks and obtained more than $25 million dollars in research funding. He is a Fellow of the American Association of the Advancement of Science and a member of the National Academy of Inventors. In 2012, Dr. Gilbert received the Presidential Award for Excellence in Science, Mathematics, and Engineering Mentoring from President Barack Obama. He also received the American Association for the Advancement of Science (AAAS) 2014 Mentor Award. He was recently named one of the 50 most important African-Americans in Technology. He was also named a 2015-2106 AAAS-Lemelson Invention Ambassador, Speech Technology Luminary by Speech Technology Magazine and a national role model by Minority Access Inc. Dr. Gilbert is also a National Associate of the National Research Council of the National Academies, an ACM Distinguished Scientist and a Senior Member of the IEEE. Dr. Gilbert was named a Master of Innovation by Black Enterprise Magazine, a Modern-Day Technology Leader by the Black Engineer of the Year Award Conference, the Pioneer of the Year by the National Society of Black Engineers and he received the Black Data Processing Association (BDPA) Epsilon Award for Outstanding Technical Contribution. In 2002, Dr. Gilbert was named one of the nation's top African-American Scholars by Diverse Issues in Higher Education. In 2013, the Black Graduate and Professional Student Association at Auburn University named their Distinguished Lecture Series in honor of Dr. Gilbert. Dr. Gilbert testified before the Congress on the Bipartisan Electronic Voting Reform Act of 2008 for his innovative work in electronic voting. In 2006, Dr. Gilbert was honored with a mural painting in New York City by City Year New York, a non-profit organization that unites a diverse group of 17 to 24 year-old young people for a year of full-time, rigorous community service, leadership development, and civic engagement.

Leislie Godo-Solo
*Institute for Recruitment of Teachers*

Ms. Godo-Solo has served as the Education Program Specialist/Associate Director of the Institute for Recruitment of Teachers (IRT) since 2002. In this role, Leislie recruits and selects IRT scholars, counsels those in education fields regarding their school lists, and advises and supports a group of 25-30 students as they prepare their graduate application materials. She holds a B.A. in Spanish from Cleveland State University and a M.A. degree in Spanish Literature from the University of Rhode Island. In 2007, Ms. Godo-Solo completed a Specialist of Education (Ed.S.) degree in Counseling and Student Affairs from Western Kentucky University. Her thesis, "Success Rates of Minority Educator Recruitment and Retention (MERR) Scholarship Recipients and Other Education Majors," documents the efficacy of the MERR Scholarship Program and the importance of teacher education pipelines. She is a proud alumna of IRT (class of ’91) and deeply passionate about educational access as it pertains to recruitment and completion of graduate degrees, mentoring, and best practices regarding programs that ensure students’ success in graduate school.
Sara Xayarath Hernández  
*Cornell University*

Sara Xayarath Hernández is the Graduate School Associate Dean for Inclusion & Student Engagement and a University Diversity Officer at Cornell University. She provides vision, leadership, and overall management for Graduate School initiatives and policies related to diversity and inclusion. Hernández leads the Office of Inclusion & Student Engagement (OISE) and the Graduate School’s efforts to recruit, retain, and support a diverse graduate student body. OISE in collaboration with other Graduate School and university partners, leads student engagement and professional development programming that fosters community and develops skills to enhance academic success, improve retention and completion rates, and prepare students to pursue academic and non-academic careers following attainment of their graduate degrees. Hernández serves as the Co-Director and Co-PI for the Cornell AGEP Program and as Co-PI for Cornell’s Alfred P. Sloan Foundation funded UCEM Program. She holds a Bachelor of Arts in Zoology from Ohio Wesleyan University and a Master of Regional Planning from Cornell University.

Marta Holliday  
*Alabama State University*

Marta Holliday is an Associate Professor of Languages and Literatures at Alabama State University, where she has taught courses in African American Studies, English composition and American literature since the Fall of 2011. Dr. Holliday earned her PhD in English and Literary Studies from the University of Iowa in May 2011. Her dissertation, titled “The Body as Spectacle: Beauty and Biraciality in American Literature and Film, 1852-2002,” explored the exploitation of biracial femininity in American and African American novels, memoirs and movies. Her current research interests include exploring intersections of gender and sexuality within African American studies as well as understanding how biracial identity has been constructed and quite often misunderstood in American and African American fiction and non fiction. She lives in Montgomery, Alabama and is the proud mother to a six month old son, Walter.

Irene Hulede  
*American Society for Microbiology*

Irene Hulede is manager of student programs at the American Society for Microbiology (ASM) in the Education Department. In this capacity, she manages the fellowship programs and skills development courses for students, postdoctoral scientists, and future faculty. She has served as the project manager of the Annual Biomedical Research Conference for Minority Students (ABRCMS) since its inception in 2000. Prior to joining ASM, Ms. Hulede worked at Bentley University where she held several positions in the Students Affairs Division. Ms. Hulede has received numerous honors and awards for her exemplary work and service, including the ASM Secretary’s Award, Outstanding Community Service Partnership Award (Bentley University), and Excellence in Academic Advising Award (Bentley University). In 1993, Bentley University/MASSPEP established the Irene Ofori-Hulede Scholarship in her honor. She serves on various boards including the Leadership Alliance’s IPERT advisory board. Ms. Hulede is an advocate for promoting diversity in higher education and passionate about strengthening collaborative partnerships that provide resources and programming for trainees.
Keisha John  
*University of Virginia*

Dr. Keisha John is Director of Diversity Programs at the University of Virginia. In this role she collaborates with various university offices to lead and coordinate university-wide activities designed to recruit, mentor and foster success among a diverse body of graduate and professional students, as well as postdoctoral scholars. Prior to her position at UVA she served as the Assistant Dean and Director of the Office of Graduate Funding and Awards as well as the Director of the Office of Postdoctoral Affairs at Florida State University. She earned her Ph.D. from The Watson School of Biological Sciences at Cold Spring Harbor Laboratory and completed a postdoctoral appointment at Rockefeller University. She is always available to speak with students regarding their trajectory and future plans.

Marcus Jones  
*Regeneron Pharmaceuticals, Inc.*

Dr. Jones is the Sequencing Research Microbiome Lead and Life Cycle Management lead in the Integrated Genomics group at Human Longevity, Inc. HLI combines technology and genomics, the study of a specific and complete set of DNA, to revolutionize the way diseases are diagnosed and treated. Dr. Jones has established and optimized specimen collection, nucleic acid purification, library preparation and sequencing for all microbiome samples. His efforts have increased DNA/RNA extraction capacity at HLI to more the 100,000 microbiome specimens per year. In addition to laboratory experiences, Dr. Jones works closely with the HLI informatics team to integrate, model and analyze metagenomic data and phenotype data from all microbiome cohorts. Dr. Jones previously was an Assistant Professor in the Genomic Medicine and Infectious Disease departments at the J. Craig Venter Institute (JCVI), where he served as team leader for all transcriptomics and genome sequencing projects in the NIAID funded Pathogen Functional Genomics Resource Center (PFGRC) at JCVI. His responsibilities included use of automation solutions to support production of microarray technology, generate whole genome and RNASeq libraries, operate production grade microarray printers, perform and monitor QC of all microarray slide lots from model organisms, perform complete genome qRT-PCR of *in vivo* infection models, write standard operating procedures, and analyze and communicate all generated data to collaborators. Dr. Jones also managed a system biology contract funded by NIAID for characterizing the host-pathogen interactions of *Y. pestis* and *S. enterica* by applying RNA sequencing, ChIP-chip/ChIP-Seq and metagenomic sequencing in model systems. Dr. Jones also served as the transcriptomics lead for a Malaria infection model project, where he characterized the human transcriptome and gut microbiome of human subjects infected with *Plasmodium falciparum*. Dr. Jones holds a B.S. from Southern University & A&M College in Baton Rouge, Louisiana (where he's been inducted into their STEM Hall of Fame) and in 2005 earned his Ph.D. in microbiology from the Sackler Institute at New York University School of Medicine. He was awarded as the Principal Investigator a research award from the Defense Threat Reduction Agency (DTRA) for $5.1M to study antibiotic resistance in *Burkholderia sp*, and he has co-authored more than 35 peer-reviewed articles. Outside of the lab, Dr. Jones enjoys running and swimming, and he is currently training for the New York City Marathon in November.

Christina Medina-Ramirez  
*Hunter College of CUNY*

Christina Medina-Ramirez is the Director of the new Skirball Science Learning Center at Hunter College of CUNY. In this role, she will implement programming aimed to improve science course performance and retain STEM majors. In her prior position as Professional Development Coordinator of the RISE Program at Hunter College, she assisted research trainees with career development strategies and applications for Ph.D., summer programs, fellowships and postdoctoral positions. Dr. Medina-Ramirez is a Leadership Alliance SR-EIP alumnus who received a B.S. in Biology from St. Francis College and Ph.D. in Biomedical Sciences from Albert Einstein College of Medicine. Her thesis work and postdoctoral research at NYU Langone Medical Center focused on cell death regulation and therapies related cancer. Honors received for her scholarly efforts and commitment to diversity include the Ford Foundation Pre-doctoral Diversity Fellowship, the AACR Minority Scholar in Cancer Research Award and selection to the 2017 Linton-Poodry SACNAS Leadership Institute.
Michelle D. Nearon  
*Yale University*

Michelle Nearon is Associate Dean for Graduate Student Development and Diversity. Reporting to the Dean of the Graduate School and the Deputy Provost for Faculty Development and Diversity, she provides the strategic vision and leadership to build and maintain a supportive campus community where graduate students from diverse backgrounds and experiences are supported in their intellectual, social, and professional pursuits. She coordinates campus-wide admissions initiatives, directs a summer undergraduate research program, co-directs a National Institutes of Health Postbaccalaureate Research Education Program (NIH PREP), and directs the Yale-funded Emerging Scholars Initiative Postbaccalaureate Research Education Program (ESI PREP). Additionally, in her capacity as the Yale institutional representative for various national consortia, she works to identify aspiring scholars who may contribute to the development of a more diverse faculty.

Dr. Nearon earned her B.S. and M.S. degrees in aerospace engineering from the Massachusetts Institute of Technology and Brooklyn Polytechnic University, respectively. After completing her Master’s degree she devoted approximately ten years to both the aerospace and automotive industries, beginning as a research engineer and ultimately becoming a general manager. She returned to academia and earned a Ph.D. in Mechanical Engineering at Stony Brook University with a specialty in fluid mechanics. She remained at Stony Brook University as a Turner Postdoctoral Fellow studying turbulence modeling before being offered an Assistant Professorship in the Department of Mechanical Engineering. She also simultaneously served as the Director of Recruitment and Diversification for the College of Engineering and Applied Sciences. She joined the Yale community in 2008.

Chris O’Brien  
*Ford Foundation*

Chris O’Brien is Program Officer for the Fellowships Office of the Policy and Global Affairs Division of the National Academies of Sciences, Engineering and Medicine. Chris currently provides administrative leadership for the Ford Foundation Fellowship Programs. She has been involved in the administration of numerous fellowship programs, varying in level from predoctoral through postdoctoral and varying by funding source (public and private). Chris works on the Ford Foundation Predoctoral, Dissertation, and Postdoctoral Fellowship Programs. In 2004 and 2008, the Ford Fellowship administrative team was awarded National Academies’ recognition for outstanding performance.

Chris provides leadership for the Fellowship Roundtable, a Fellowships Office activity that convenes fellowship administrators in the DC region and beyond. The Fellowship Roundtable addresses issues of importance to fellowship administrators and those who advise graduate students and fellowship applicants. The Roundtable is approaching its 24th anniversary in 2018 under Chris’ direction.

Joel D. Oppenheim  
*NYU School of Medicine*

Presently Dr. Joel D. Oppenheim is Professor Emeritus of Microbiology and also serves as the Diversity Advisor to the Office of Science Research at the NYU School of Medicine. From 1994 -2014 he was the Senior Associate Dean of the Medical Center where he oversaw all PhD and Postdoctoral programs. For the past 24 years he has served (and continues to serve) on the NYU School of Medicine's MD and MD/PhD Admissions Committees and previously chaired the PhD Admissions (1994-2014). He was the founder and director of the NYU’s Summer Undergraduate Research Program (1990-2013) and of the “What Can You Be With a PhD?” Symposium (1995 – 2013), the largest university based career development program for predoctoral students and postdoctoral fellows in the country. He has served on many national advisory committees (AAMC, NIH, NRC, NSF, ASM, Leadership Alliance, and UNCF/Merck), grant study sections (NCATS, NIAID, NIGMS, NSF, Sloan Foundation, UNCF/Merck), as a reviewer of numerous NRC, NSF and NAS reports involved with graduate education, pipeline issues and the recruitment and retention of underrepresented students to graduate programs. He also has served (serves) on the external advisory boards and program review boards of a number of state and national accrediting agencies,
Dr. Oppenheim has been an invited speaker to over 70 colleges and universities, at the NRC, NSF and NIH as well as at ABRCMS, Leadership Alliance, McNair, SACNAS and UNCF/Merck national meetings, speaking to students and faculty on topics ranging from how to prepare for and apply to graduate and professional schools, to strategies for the recruitment and retention of students and career options. In 2010 Dr Oppenheim was the recipient of the AAAS (American Association of the Advancement of Sciences) Life Time Mentoring Award, one of the nations highest mentoring awards. Dr Oppenheim was also one of the founding members of the Leadership Alliance in 1992.

**Teresa Ramírez**  
*National Human Genome Research Institute/American Society of Human Genetics*

Teresa Ramírez, Ph.D., is currently the National Human Genome Research Institute/American Society of Human Genetics (NHGRI/ASHG) Genetics and Education fellow. Dr. Ramírez was a post-doctoral research fellow at the National Institutes of Alcohol Abuse and Alcoholism. She is a first-generation Mexican-American and the first from her family to have graduated from college and to have obtained a doctoral degree. In 2002, she participated in the Leadership Alliance Summer program at Brown University. She received her B.S. degree in General Biology from California State University, Dominguez Hills in 2004. Then, she participated in a post-baccalaureate program at the National Institutes of Alcohol Abuse and Alcoholism for seventeen years. Her doctorate degree is in Molecular Pharmacology and Physiology from Brown University and was the founder/first president of the Brown University SACNAS Chapter (established in 2012). Her post-doctoral research focused on how aging and chronic alcohol exposure played a role in causing liver injury. Currently, she is the president of the National Institutes of Health SACNAS Chapter. She is passionate about sharing her love for science and firmly believes in the importance of mentorship.

**Rochelle Smith**  
*Washington University in St. Louis*

As Assistant Provost Rochelle supports faculty diversity and recruitment in STEM, enhances the coordination of and support for the University’s growing pipeline initiatives, and leads Washington University Diversity Pipeline Consortium-STEM. Rochelle directs the University’s partnership with Leadership Alliance, a consortium of higher education institutions that encourage and mentor underrepresented students to pursue graduate school and research careers. She coordinates PLAN, the leadership development program for professional administrators at Washington University. Rochelle is the Bias Report and Support System (BRSS) Liaison for the medical school. She also most recently served as the Director of Diversity, Summer Programs and Community Outreach for Washington University’s largest graduate program, the Division of Biology and Biomedical Sciences, for the past 10 years.

**David A Stout**  
*California State University, Long Beach*

Dr. David A Stout is an assistant professor in the Department of Mechanical and Aerospace Engineering at California State University, Long Beach. He received his B.S. degree in Aerospace Engineering with a minor in Chemistry from California State University, Long Beach in 2010, and a Ph.D. in Biomedical Engineering in 2014. While at Brown, Dr. Stout was a member of the Nanomedicine Laboratories focusing on the development of cardiovascular nano-biomaterials under the direction of Dr. Thomas J. Webster. Under the direction of Dr. Christian Franck, Dr. Stout then developed a system to investigate the migration forces of human neutrophils in a 3D environment in the Cell- Mechanics Laboratory. Dr. Stout’s main research focus is applying engineering techniques to the biomedical world to combat some of the most deadly diseases and infections. His research expertise is in cardiovascular biomaterials, orthopedic biomaterials, nano-medicine, solid mechanics, cell mechanics and migration. Dr. Stout is a recipient of The National Science Foundation (NSF) Graduate Student Fellowship and (twice) Indo-US Science and Technology Forum (IUSSTF) Research Fellowship. He is a member of BMES, Tau Beta Pi, Sigma Xi and SFB.
Tammi Taylor  
*Jackson State University*

Dr. Taylor joined the faculty as an Assistant Professor of Genetics in the Department of Biology in the College of Science, Engineering, and Technology at Jackson State University. While at JSU, Dr. Taylor is a Research Center for Minority Investigators (RCMI) faculty member, a graduate and undergraduate student advisor, mentor, and professor. She obtained her PhD in Microbiology from Indiana University, a Masters of Science degree in Biology, from Jackson State University, and her Bachelors of Science degree in Biology from Tougaloo College. She was a Fellowship in Research and Science Teaching (FIRST) postdoctoral fellowship at Emory University in the Departments of Anesthesiology and Neurology. Her current research focus is determining the role of signal transducer activator of transcription 3 (STAT-3) on the regeneration of nerve tissue and functional recovery after focal ischemic stroke.

Sheila Thomas  
*Harvard University*

Sheila Thomas is a faculty member in the Division of Medical Sciences (DMS) PhD Programs and Department of Medicine at Harvard Medical School and Dean for Academic Programs and Diversity for the Graduate School of Arts and Sciences (GSAS). Her research interests are in cancer cell signaling; and she is actively involved in teaching and advising students in the DMS PhD programs and actively sits on the admissions committees for PhD programs in the sciences and MD/PhD program and engages with admissions committees for PhD programs across the social sciences and humanities. As Dean, she oversees diversity efforts for Harvard’s 57 PhD programs. She directs the Summer Honors Undergraduate Research Program (SHURP), Summer Research Opportunities at Harvard (SROH) and the Graduate School's post-baccalaureate program, GSAS Research Scholar Initiative (Economics, Life sciences and Population Health Sciences). Dr. Thomas received her BA in Biochemistry and Molecular and Cellular Biology from Northwestern University, her PhD in Molecular Genetics from University of Pennsylvania, and did her post-doctoral training at Fred Hutchinson Cancer Research Center.

Armando Tolliver  
*School District of Philadelphia*

Armando Tolliver is a multi-time, award-winning education practitioner in The School District of Philadelphia, eighth largest district in the nation by enrollment, serving a diverse population. He also serves as an educational consultant with clients in the public, private, and nonprofit sectors, providing expertise in curriculum design and development, research, evaluation, and training. A National Network of State Teachers of the Year Outstanding Black Males Teacher Fellow done in conjunction with the National Education Association, plus is a member and affiliated with organizations including Network of Extraordinary Talent Philadelphia, affinity group of the Urban League of Philadelphia, National Science Teacher’s Association, National Association of Biology Teachers, National Alliance of Black School Educators, National Society of Black Engineers, and Black Doctoral Network Inc. He is founder of Education Project that provides an education voice on contemporary educational issues. Dr. Tolliver has earned a Bachelor of Science degree in Biology from Dillard University located in New Orleans, Louisiana (2008), a Masters degree in Education Leadership from Strayer University in Washington, DC (2010), and a Doctorate degree in K-12 Education Leadership from Jones International University located in Centennial, Colorado (2013). His academic research has focused on exploring salient nonacademic factors related to social, economic and cultural aspects together with traditional academic factors that influence persistence and retention in higher education so that remediation of the impact of these factors can commence at the primary and secondary levels.
Scharri Ezell Walker  
*Tougaloo College*

Dr. Scharri Ezell Walker, a native of Jackson, Mississippi, is a proud alumna of Tougaloo College. During her tenure as an eaglet, Dr. Walker was selected to serve as a scholar for The Ronald E. McNair Program, the Jackson Heart Study, the Historically Black Colleges and Universities Undergraduate Program (HBCU-UP) and the Leadership Alliance. Collectively, it was these experiences that ignited her passion for teaching and cancer research.

Upon graduating from Tougaloo College with a B.S. in Chemistry, she went on to pursue a doctoral degree in Pharmacology/Toxicology (with an emphasis in Cancer Research) at the University of Alabama - Birmingham. After completing her dissertation at UAB, Dr. Walker went on to conduct cancer research at Eli Lilly and Company, a pharmaceutical company in Indianapolis, Indiana, investigating novel compounds and tumor imaging for prostate cancer. She later moved to Dallas, Texas where she worked as a Clinical Research Consultant for Dava Oncology and taught at North Central Texas College.

As a pharmacologist, her research lab seeks to explore investigational new drugs as potential therapies for pediatric malignancies, specifically brain cancers. Now returning to her alma mater as an Assistant Professor in Biology, Dr. Walker is a strong advocate of pushing her students to excel academically. Mediocrity is not an option; and therefore, she strives daily to equip her students with the skills to be successful upon graduation.

Dr. Walker firmly believes that success is a journey, not a destination; and therefore, “success is in every step”.

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The Leadership Alliance Executive Office Staff

**Medeva Ghee**
*Executive Director, The Leadership Alliance*
*Assistant Professor of the Practice of Behavioral and Social Sciences, Brown University*

Dr. Medeva Ghee is the Executive Director of the Leadership Alliance and a faculty member in the Department of Behavioral and Social Sciences at Brown University. As Director of the Leadership Alliance, she is responsible for leading the 36-member consortium dedicated to increasing the participation of underrepresented students in competitive graduate and doctoral training programs and ultimately developing leaders and role models in academia, the public and private sectors. She is the Director and Principal Investigator on a number of programs to prepare students for Ph.D. training and to consider careers in the professoriate and broader research workforce. Dr. Ghee previously worked with the Clinton HIV/AIDS Initiative as a Laboratory Systems Specialist. In this capacity, she provided technical assistance and strategic advice on the development of laboratory plans and systems to support national HIV/AIDS prevention, care and treatment programs in the Initiative’s partner countries in Sub-Saharan Africa. Informed by these experiences, she developed a course on multidisciplinary approaches to support HIV/AIDS care and treatment programs in Sub-Saharan Africa that is offered to Brown undergraduates and Master’s degree students. A graduate of North Carolina State University with a bachelor’s degree in zoology, she earned her M.S. and Ph.D. in microbiology from New York University School of Medicine. Her postdoctoral research was conducted with a team of CNRS researchers in Paris, France, where she employed biochemical and gene therapy technologies to investigate the impact of protein aggregation in Parkinson’s disease. At Brown, Dr. Ghee is actively engaged in mentoring and has served as a faculty advisor for Brown undergraduate independent thesis projects and mentor for graduate students. She was honored by the Samuel M. Nabrit Black Graduate Student Association with the Ruth J. Simmons Award for Leadership.

**Chloe Poston**
*Associate Director*

Dr. Chloe N. Poston is a proud graduate of Clark Atlanta University, where she earned a B.S. in Chemistry. Dr. Poston earned both her Masters and Doctoral degrees in Chemistry from Brown University. Her thesis research was focused on mass spectrometry-based proteomic analysis of the mitochondrial-associated endoplasmic reticulum (MAM). Her work highlighted the connections between the role of calcium trafficking from the ER to the mitochondria and neurodegenerative disease. During her studies at Brown, Chloe served as the President of the Nabrit Black Graduate Student Association, the Chair of the Graduate Students of Color Conference, and a member of the university Diversity Advisory Board.

During her Post-Doc at Eli Lilly and Company in the biological mass spectrometry group, Dr. Poston explored her interests in science policy, diversity, and education through her blog, The Poston Collective. Dr. Poston continued to pursue this interest as an AAAS Science and Technology Policy Fellow at the National Science Foundation where she focused on projects related to scientific communication and broadening participation in science, serving as the executive secretary for the Federal Coordination in STEM Education Broadening Participation Subcommittee. In this role, Dr. Poston worked with 13 government agencies to identify opportunities to encourage individuals from underrepresented groups to pursue and remain in STEM careers. Dr. Poston leveraged the government knowledge she gained in her fellowship as a science policy consultant where she focused on issues related to diversity in the biomedical research workforce.
Barbara Kahn
Coordinator for Graduate and Undergraduate Programs

Barbara Kahn is the Coordinator for Graduate and Undergraduate Programs for the Leadership Alliance. In this capacity, she coordinates the combined application process for the 21 undergraduate summer research sites and supervises the Alliance summer research program at Brown University. Prior to her appointment with the Leadership Alliance, Ms. Kahn was part of the professional development team at Brown University’s Annenberg Institute for School Reform, a center promoting quality education in urban communities. She came to Brown University from Chaffee & Partners, a public relations and advertising firm in Providence, R.I. Ms. Kahn holds a B.S. in Education from Boston University.

Maria DoVale
Conference & Events Specialist

Maria DoVale is the Coordinator for Professional Development & Networking for the Leadership Alliance. It is Ms. DoVale’s primary responsibility to plan, organize, coordinate and develop sessions that promote networking, mentoring and professional development for undergraduate students, graduate students and our doctoral scholars. As the Ex-Officio of the Leadership Alliance Symposium Planning Committee, she works alongside colleagues from various member institutions who provide suggestions on different aspects of program planning for the Symposium. Ms. DoVale comes to us with a wealth of experience in administration, event planning and management augmented with exemplary technical, organizational and customer service skills. Prior to her appointment with the Leadership Alliance, Ms. DoVale worked for 5½ years at the Providence Warwick Convention & Visitors Bureau helping to promote the state of Rhode Island as well as the city of Providence as a convention destination. Prior to this appointment, she worked for American Express corporate travel for eight years. Ms. DoVale holds a B.A. in Travel & Tourism Management from Johnson & Wales University.

Majida Kargbo
Project Assistant

Majida Kargbo is a doctoral candidate in American Studies at Brown University. Her research interests include new media, queer embodiment, performance studies, and cyberfeminism. Her current project, “Excessive Vision(s): Multi-mediated Intimacy, Visuality, and the Body,” focuses on the aesthetic strategies of performances and representations of the abject body. She will be teaching courses in Ethnic Studies next year and is also working on a digital humanities project that explores queer female Afrofuturist cultural production.
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At ABRCMS 2017, over 650 exhibitors will showcase summer program and graduate school opportunities to aspiring scientists pursuing advanced training in science, technology, engineering and mathematics toward graduate-level study.

Join over 2,300 students and 1,100 researchers from graduate programs, colleges and universities to network, learn and share research.

Submit your abstract in 12 disciplines in biomedical and behavioral sciences.

### IMPORTANT DATES:

- Student Travel Award deadline: August 25, 2017
- Abstract submission deadline: September 8, 2017

ABRCMS 2017, where we close the gap and develop the next generation of STEM scientists.

www.abrcms.org/joinus
It is my distinct honor and privilege to welcome you to the 2017 Leadership Alliance National Symposium! This year marks the 25th anniversary of the Leadership Alliance! Our theme, *Celebrating 25 Years: Mentoring. Training. Inspiring*, is a testimony to a quarter century of leadership, commitment and support.

To launch the celebration of our silver anniversary, we have invited members of the Alliance community to participate in a new project, *25 Years … 25 Stories*. Alliance alumni, faculty and administrators have a compelling narrative to share. This project provides our community of scholars an opportunity to share stories of their personal and professional journeys. These stories reveal insights into their connections with the Alliance that illuminated and made possible the various career paths our best and brightest have chosen.

This anniversary program promises to be inspirational, engaging and memorable. I invite you to take advantage of all that the conference has to offer. Engage in scholarly discourse, network with a purpose and participate in academic, professional and career development opportunities to inform the next steps in your personal and professional path.

As the Executive Director of the Leadership Alliance, I am humbled and honored to further the mission of the Alliance. I am deeply grateful for my team and the collective efforts of the Alliance alumni, faculty, administrators who are making a difference in the future of our colleges and universities and in the aspirations for increased diversity and inclusion that we all share. We celebrate and applaud you for mentoring, training and inspiring the next generation!

Have a wonderful conference!

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**Symposium 2017 Planning Committee**

**Don C. Brunson** (Chair)  
Assistant Dean, Graduate School and Director,  
Enhancing Diversity in Graduate Education Program (VU-EDGE)

**Earnestine Baker**  
Ret. Assistant to the Vice President, Institutional Advancement/Executive Director of the Meyerhoff Scholarship Program  
University of Maryland, Baltimore County

**Isabel Geathers**  
Assistant Dean for Academic Diversity Graduate School of Arts and Sciences,  
Columbia University

**Marcus Jones**  
Sr. Program Manager, R&D Planning, Strategy & Operations  
Regeneron Pharmaceuticals, Inc.  
Doctoral Scholar Advisor, President of the Alumni Association Founding Board

**Amber Hodges**  
Associate Professor, Department of Psychology  
Morgan State University

**Luis Raúl Cámara**  
Director, Honors Program  
University of Puerto Rico, Rio Piedras

**Patricia Rea**  
Associate Director for Admissions  
University of Pennsylvania

**Maria DoVale**  
Conference and Events Specialist

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**Leadership Alliance Staff**

**Medeva Ghee**  
Executive Director

**Chloe Poston**  
Associate Director

**Barbara Kahn**  
Coordinator for Undergraduate Programs

**Maria DoVale**  
Conference and Events Specialist

**Majida Kargbo**  
Project Assistant

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## Member Institutions

- Brooklyn College
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