**The Leadership Alliance** is a multi-institutional academic consortium of leading research and teaching colleges and universities. The mission of the Alliance is to develop underrepresented students into outstanding leaders and role models in academia, business and the public sector.

**Member Institutions**

- Brooklyn College
- Brown University
- Chaminade University of Honolulu
- Claflin University
- Columbia University
- Cornell University
- Dartmouth College
- Dillard University
- Harvard University
- Howard University
- Hunter College
- Johns Hopkins University
- Montana State University-Bozeman
- Morehouse College
- Morgan State University
- New York 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 Virginia
- Vanderbilt University
- Washington University in St. Louis
- Xavier University of Louisiana
- Yale University

---

**20 Years of Supporting Research, Scholarship and Academic Excellence**
Welcome to the 2012 Leadership Alliance National Symposium

This is a memorable occasion for us! Twenty years ago the Leadership Alliance was established to support research, scholarship and academic excellence among underrepresented minority scholars. Since its inception, the Alliance has sought to inspire and motivate students like you to proactively participate in scholarship that addresses society’s most pressing problems and which enriches our cultural experiences. The impact of these efforts will be featured throughout the 2012 symposium.

This conference will offer research presentations that span a wide variety of academic disciplines and demonstrate the intellectual diversity of our students and their faculty mentors. Throughout the symposium, you will meet academic administrators from Alliance member institutions who have contributed to the skill-building and professional development sessions that have been successful in helping students navigate graduate degree programs. Our signature tiered mentoring structure comes to life during these next few days as Alliance alumni at various stages of their academic pathways have an opportunity to engage you in scholarly and career advancing dialogue and leverage the expertise of a rich network of scholars from like backgrounds. Collectively these efforts have made the founding vision of the Alliance a reality and have contributed to greater diversity in academia.

During this 20th anniversary commemoration, we encourage you to engage in the activities that exemplify this vibrant community. Together, we will honor those persons integral to establishing and sustaining the work of the Alliance, and celebrate this Alliance that empowers us to strategically prepare for the future.

Best wishes for a great conference and celebration!

Greetings and welcome to the 2012 Leadership Alliance National Symposium (LANS)! We are so happy that you could join us as we celebrate our 20th Anniversary and reflect on two decades of supporting research, cultivating scholarship and inspiring academic excellence among some of America’s best, brightest and most diverse scholars.

The LANS Planning Committee has worked diligently over the past year to offer you the most engaging, enriching and empowering Symposium to date. Every session was designed with you in mind and our invited speakers came to deliver a message especially for you.

Please take advantage of the formal scheduled events as well as informal opportunities to interact with panelists, faculty, administrators and other guests. It is also very important that you network with each other and take time to share your personal stories and professional aspirations. You may find yourselves training or working together during the next phases of your academic or professional careers, so start building these relationships now.

This Symposium aims to help the Leadership Alliance achieve its mission and realize its vision of developing underrepresented students into outstanding leaders and role models in academia, business and the public sector.

We are committed to train, to mentor and to inspire. With 20 years of successful experience to build upon, along with your personal commitment to academic excellence and service, we will continue to affect positive change for many years to come.

Best wishes and make it memorable!

Symposium 2012 Planning Committee

Jabbar Bennett Associate Dean, Graduate School
(Joint) Associate Dean, Division of Biology and Medicine
Brown University

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

Marcus Jones Assistant Professor
J Craig Venter Institute
Doctoral Scholar Advisor

Florence Kempner MARC Program Coordinator
Brooklyn College

Patricia Lee-Robinson Associate Professor of Biology
Chaminade University of Honolulu

Barbara Nesmith Acting Assistant Director GSAS Office of Diversity
Columbia University

Chinonye Nnakwe Director of Graduate Diversity Recruitment
University of Chicago
Doctoral Scholar Advisor

Rahmelle Thompson Director, Dr. John H. Hopps Research Scholar Program
Morehouse College

Maria DoVale
Ex Officio Member
Executive Assistant/Project Coordinator
Leadership Alliance Executive Office

Leadership Alliance Staff

Medeva Ghee
Executive Director

Deborah Collins
Associate Director

Barbara Kahn
Coordinator for Graduate and Undergraduate Programs

Maria DoVale
Executive Assistant/Project Coordinator

The Leadership Alliance National Symposium is made possible through grant T-36 GM-063480 from the National Institutes of Health’s Minority Access to Research Career Program of the National Institute for General Medical Sciences.
20 YEARS
OF SUPPORTING RESEARCH, SCHOLARSHIP
AND ACADEMIC EXCELLENCE

Floor Plans ................................................................. 2
Symposium At-A-Glance ......................................... 5
Agenda ........................................................................ 6
Keynote Speaker .......................................................... 11
Oral Presentations by TIME ..................................... 12
Oral Presentations by ROOM .................................... 23
Oral Presentations by NAME ..................................... 34
Poster Presentations by NUMBER ............................ 58
Poster Presentations by NAME ................................. 61
Doctoral Scholar Participants ................................... 69
Faculty, Administrators, and Other Participants .......... 70
Graduate Student Participants ................................... 74
Undergraduate Participants ....................................... 75
Who’s Who at the Symposium .................................... 84
Leadership Alliance Executive Office Staff ................. 96

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
## Symposium At-A-Glance

<table>
<thead>
<tr>
<th>Time</th>
<th>General Sessions</th>
<th>Undergraduate Sessions</th>
<th>Graduate Sessions</th>
<th>Coordinators, Mentors, Guests, Administrators, &amp; Doctoral Scholars</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Day 1 - Orientation, Networking &amp; Training</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11:00 am - 3:00 pm</td>
<td>Registration</td>
<td>PowerPoint Presentation Upload I</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11:00 am - 3:00 pm</td>
<td>Informal Networking Lunch – Everyone</td>
<td>Sight and Sound Experience: Connecticut Science Center</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2:00 pm - 6:00 pm</td>
<td>Professional Headshots</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3:00 pm - 5:15 pm</td>
<td>Orientation, Networking, and Funding Sessions by Discipline</td>
<td>Developing Grantsmanship Skills</td>
<td>Graduate Students and Doctoral Scholars</td>
<td></td>
</tr>
<tr>
<td>5:30 pm - 6:45 pm</td>
<td>PowerPoint Presentation Upload II</td>
<td>Moderators Training</td>
<td>Doctoral Scholars Mixer</td>
<td>Doctoral Scholars</td>
</tr>
<tr>
<td>7:00 pm</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Day 2 - Student Presentations &amp; Panel Discussions</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7:15 am - 8:30 am</td>
<td>Coordinators Community Meeting/Breakfast</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7:30 am - 8:30 am</td>
<td>Poster Setup</td>
<td>Everything you Always Wanted to Know But Were Afraid to Ask Networking Breakfast for Graduate Students and Doctoral Scholars</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7:30 am - 8:30 am</td>
<td>Networking Breakfasts</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8:45 am - 9:45 am</td>
<td>Student Poster Presentations Session I (Odd Poster Numbers)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9:45 am - 10:45 pm</td>
<td>Student Poster Presentations Session II (Even Poster Numbers)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11:00 am - 12:45 pm</td>
<td>Student Oral Presentations Session I</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1:00 pm - 2:30 pm</td>
<td>Lunch Panel: The Graduate School Experience (PhD Program)</td>
<td>Life After Graduate School: The Postdoc Experience and More Graduate Students</td>
<td>Challenges Faced by Underrepresented Minorities in Academia, Industry and Government Doctoral Scholars</td>
<td></td>
</tr>
<tr>
<td>2:45 pm - 4:15 pm</td>
<td>Student Oral Presentations Session II</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4:20 pm - 4:40 pm</td>
<td>Break/Snack/Professional Headshots</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4:45 pm - 6:00 pm</td>
<td>Student Oral Presentations Session III</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6:00 pm - 6:45 pm</td>
<td>Group Photos: Lilly Scholars and Leadership Alliance Mellon Initiative Cohorts/</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Individual Professional Headshots/Free Time</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7:00 pm</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Day 3 - Recruiting Fair &amp; Next Steps</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7:30 am - 9:45 am</td>
<td>Exhibitors Set-up for Recruiting Fair</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8:00 am - 9:45 am</td>
<td>The Graduate School Application Process:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Breakfast Panel: Biosciences</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Breakfast Panel: MD-PhD</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Breakfast Panel: Social Sciences &amp; Humanities</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Breakfast Panel: Engineering &amp; Physical Sciences</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8:00 am - 9:45 am</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8:00 am - 9:45 am</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10:00 am - 11:30 pm</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10:00 am - 12:00 pm</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12:00 pm - 1:00 pm</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7:00 pm</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9:00 pm - 12:00 am</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9:00 pm - 12:00 am</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10:00 am - 12:00 pm</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12:00 pm - 1:00 pm</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Orientation, Networking, and Funding Sessions by Discipline
- Developing Grantsmanship Skills
- Graduate Students and Doctoral Scholars
- Moderators Training
- Graduate Students
- Doctoral Scholars Mixer
- Doctoral Scholars
- Registration
- PowerPoint Presentation
- Upload I
- Orientation, Networking, and Funding Sessions by Discipline
- Developing Grantsmanship Skills
- Graduate Students and Doctoral Scholars
- Moderators Training
- Graduate Students
- Doctoral Scholars Mixer
- Doctoral Scholars
- Sight and Sound Experience: Connecticut Science Center
- Professional Headshots
- Informal Networking Lunch – Everyone
- Networking Breakfasts
- Student Poster Presentations Session I
- Student Poster Presentations Session II
- Student Oral Presentations Session I
- Student Oral Presentations Session II
- Student Oral Presentations Session III
- Group Photos: Lilly Scholars and Leadership Alliance Mellon Initiative Cohorts/
  Individual Professional Headshots/Free Time
- Dinner, Evening of Recognition and Keynote Speaker
- Dance Party
- Exhibitors Set-up for Recruiting Fair
- The Graduate School Application Process:
  - Breakfast Panel: Biosciences
  - Breakfast Panel: MD-PhD
  - Breakfast Panel: Social Sciences & Humanities
  - Breakfast Panel: Engineering & Physical Sciences
- Career Coaching Networking Breakfast Graduate Students
- Preparing for Success Networking Breakfast Doctoral Scholars
- Faculty Breakfast
- Leadership Alliance Doctoral Scholar Network
- Recruiting Fair/Exhibitors
- Fill out Surveys/Closing Remarks/Adjournment
AGENDA 2012

FRIDAY, JULY 27

11:00AM – 3:00PM
Leadership Alliance Conference Registration ................................................................. Marriott Foyer

11:00AM – 3:00PM
PowerPoint Upload Session I ............................................................................................ Marriott Capital Room 1

2:00PM – 6:00PM
Professional Headshots ........................................................................................................ Marriott Foyer A/B

12:30PM – 2:30PM
(New) Informal Networking Lunch – Everyone .......................................................... Connecticut Science Center
Science Hall, 2nd Floor

3:00PM – 5:15PM
Orientation/Networking/Funding Sessions by Discipline (Undergraduates)

Biosciences ............................................................................................................................ Marriott Ballroom ABC
Moderators: Joel Oppenheim, Senior Associate Dean for Biomedical Sciences, New York University Langone Medical Center; Sheila Thomas, Assistant Professor of Medicine, Assistant Dean of Diversity and Minority Affairs for GSAS and DMS, Harvard University
Funding Panel:
Darryl Murray, Director, Undergraduate Scholarship Program, National Institutes of Health
Christine O’Brien, Manager Ford Fellowship, National Academy of Sciences
Tiffani Fonseca, Fellowship Programs Coordinator, Education Department, American Society for Microbiology

Social Sciences and Humanities ............................................................................................ Marriott Ballroom DE
Moderators: Karen Jackson-Weaver, Associate Dean of Academic Affairs and Diversity, Princeton University; Travis Boyce, Assistant Professor of Africana Studies and Social Science, University of Northern Colorado
Funding Panel:
Saul Fisher, Executive Director for Grants and Academic Initiatives and Visiting Associate Professor at Mercy College
Susie Valaitis, Senior Associate Director, Institute for Broadening Participation
Leislie Godo-Solo, Associate Director, Institute for Recruitment of Teachers

Engineering and Physical Sciences ....................................................................................... Marriott Capital Room 2
Moderator: Mark Hernandez, Professor, Civil, Environmental & Architectural Engineering, Director, Colorado Diversity Initiative, University of Colorado at Boulder
Funding Panel:
Aileen Walter, Vice President University Programs at the National Action Council for Minorities in Engineering
David Redman, Associate Dean for Academic Affairs, Princeton University

3:00PM – 5:15PM
(New) Developing Grantsmanship Skills ........................................................................... Marriott Capital Room 3
Graduate Students and Doctoral Scholars
Moderator: Lloyd Douglas, Associate Director Office of Sponsored Projects, University of North Carolina at Greensboro/CUR, and Mary Farwell, Professor of Biology, East University/CUR
5:30PM – 6:45PM
PowerPoint Upload Session II ................................................................. Marriott Capital Room 1

5:30PM – 6:30PM
Moderators Training .................................................................................... Marriott Capital Room 2

Moderator: Jabbar Bennett, Associate Dean, Graduate School, Associate Dean, Division of Biology and Medicine, Brown University

5:30PM – 6:30PM
(New) Doctoral Scholars Mixer ................................................................. Convention Center Meeting Room 11&12

“Green Room” Preparation for Doctoral Scholar recognition

7:00PM – 9:00PM
Dinner and Welcome .................................................................................. Connecticut Convention Center BC

Doctoral Scholar Recognition and Keynote Speaker

9:30PM – 10:30PM
Reception .................................................................................................. Marriott Ballroom AB

Faculty, Coordinators, Administrators, Doctoral Scholars,
Graduate Students, Speakers and Guests
Saturday, July 28

7:15AM – 8:30AM
Coordinators Community Meeting/Group Photo ..............................................................Convention Center Ballroom C

7:30AM – 8:30AM
Posters Setup ......................................................................................................................Convention Center Ballroom A

7:30AM – 8:30AM
Networking Breakfasts: Undergraduate
Biosciences .....................................................................................................................Marriott Ballroom ABC
Social Sciences and Humanities .......................................................................................Marriott Ballroom DE
Engineering and Physical Sciences ..................................................................................Marriott Capital Room 1
Lilly Scholars Networking Breakfast ..............................................................................Marriott Conference Room 5

Networking Breakfast: Doctoral Scholars & Graduate Students
Everything You Always Wanted to Know But Were Afraid to Ask ..................................Marriott Capital Room 2 & 3
Moderator: Damani Piggott, Postdoctoral Fellow, Johns Hopkins University, MD-PhD and
Angel Byrd, MD-PhD Candidate, Brown University
Candace Carroll, UNCF/Merck Postdoctoral Fellow at St. Jude Children’s Research Hospital
Edgardo Sanabria-Valentin, Staff Scientist at Sample6 Technologies
Erica Williams, Assistant Professor, Spelman College

8:45AM – 10:45AM
Student Poster Presentations ............................................................................................Convention Center Ballroom A
8:45AM – 9:45AM – Student Poster Presentations Session I (Odd poster numbers)
9:45AM – 10:45AM – Student Poster Presentations Session II (Even poster numbers)

11:00AM – 12:45PM
Student Oral Presentations Session I
Biosciences .....................................................................................................................Convention Center Meeting Rooms (Ballroom Level): 11-17
Engineering and Physical Sciences ..................................................................................Convention Center Meeting Rooms (Ballroom Level): 21-23
Social Sciences and Humanities .......................................................................................Convention Center Meeting Rooms (Ballroom Level): 24-27

Lunch served 1:00 – 1:30 pm.
Sessions conducted from 1:30 – 2:30 pm.

1:00PM – 2:30PM
Lunch and Panel Discussion: The Graduate School Experience ......................................Convention Center Ballroom C
Undergraduates Interested in the PhD
Moderator: Pamela Scott-Johnson, Chair and Associate Professor, Department of Psychology, Morgan State University
Daisy Camacho, Psychology, University of California Los Angeles
Andrew Hao, Social Sciences, University of California Berkeley
Sophia Gayle, Biological Sciences, Yale University
George Aninwene II, BioMed Engineering, Brown University
1:00 PM – 2:30 PM
Lunch and Panel Discussion: The Graduate School Experience ........................................ Convention Center Ballroom B
Undergraduates Interested in the MD-PhD
Moderator: Nancy Schwartz, Associate Dean for Postdoctoral Affairs and Co-Director of the Office of Graduate Affairs, University of Chicago
Nicole Ramsey, MD-PhD Candidate, Weill Cornell Medical College
Kareem Rashid Rumah, Neurology MD-PhD Candidate, Weill Cornell Medical College
Kathia Cordero, Physiology MD-PhD Candidate, Loma Linda University
Jessian Munoz, MD-PhD Candidate, New Jersey Medical School

1:00 PM – 2:30 PM
Lunch and Panel Discussion for Graduate Students ............................................................... Convention Center, The Landing
Life after Graduate School: The Postdoc Experience and More
Moderator: David Redman, Associate Dean for Academic Affairs, Princeton University
Dawn Brown, Research Scientist, Companion Animal Product Development, Elanco
Alisha Gaines, Assistant Professor, Florida State University, Mellon Fellow (2009-2011)
Frederick Gregory, Program Manager, Dr. John Hopps Jr. Defense Research Scholars Program, Keystone Symposium Fellow
Eric Villegas, Lead Parasitologist, Biohazard Assessment Research Branch, Microbiological and Chemical Exposure Assessment Research Division, National Exposure Research Laboratory (EPA)
Kenneth Gibbs, AAAS Science and Technology Policy Fellow

1:00 PM – 2:30 PM
Lunch and Panel Discussion for Doctoral Scholars: Challenges Faced by ......................... Marriott Capital Room 3
Underrepresented Minorities in Academia, Industry and Government
Moderator: Jabbar Bennett, Associate Dean, Graduate School, Division of Biology and Medicine, Brown University
Anastacia Berzat, Scientific Program Manager at Novartis Institutes for BioMedical Research
Liza Cariaga-Lo, Associate Provost for Academic Development and Diversity, Brown University

2:45 PM – 4:15 PM
Student Oral Presentations Session II ..................................................................................... See Session I at 11:00 am

( ~ Break, 4:20 pm – 4:40 pm ~ )

4:45 PM – 6:00 PM
Student Oral Presentations Session III ..................................................................................... See Session I at 11:00 am

6:00 PM – 6:45 PM
Leadership Alliance Mellon Initiative/Lilly Scholar Group Photos ........................................ TBA by photographer

7:00 PM
Dinner, Evening of Recognition and Keynote Speaker ....................................................... Convention Center Ballroom B

9:00 PM – 12:00 AM
Dance ........................................................................................................................................ Convention Center Ballroom A
SUNDAY, JULY 29

7:30AM – 10:00AM
Exhibitors Set-up for Recruiting Fair ................................................................. Convention Center Ballroom A

8:00AM – 9:45AM
Undergraduate Breakfast and Panels: The Graduate School Application Process

Biosciences .................................................................................................................. Marriott Ballroom AB
Moderator: Nancy Schwartz, Associate Dean for Postdoctoral Affairs and Co-Director of the Office of Graduate Affairs, University of Chicago
Sheila Thomas, Assistant Professor of Medicine, Assistant Dean of Diversity and Minority Affairs for GSAS and DMS, Harvard University
Joel Oppenheim, Senior Associate Dean for Biomedical Sciences, New York University Langone Medical Center
Roger Chalkley, Senior Associate Dean for Biomedical Research Education and Training, Vanderbilt University

MD-PhD ..................................................................................................................... Marriott Ballroom C
Moderator: Ruth Gotian, Administrative Director, Tri-Institutional MD-PhD Program
Patrice Spitalnik, Associate Director, Columbia MD-PhD Program
Brian Sullivan, Executive Director, Washington University in St Louis, MD-PhD Program
Arlene Kohler, Administrative Director, NYU MD-PhD Program

Social Sciences and Humanities ................................................................................... Marriott Ballroom DE
Moderator: Geneva Baxter, Associate Dean of Undergraduate Studies, Spelman College
Liza Cariaga-Lo, Associate Provost for Academic Development and Diversity, Brown University
David Redman, Associate Dean of Academic Affairs, Princeton University
Pamela Scott-Johnson, Associate Professor and Psychology Department Chair, Morgan State University

Engineering and Physical Sciences ............................................................................ Marriott Capital Room 1
Moderator: Mark Hernandez, Professor in the Department of Civil, Environmental and Architectural Engineering, University of Colorado at Boulder
Howard Stone, Professor in Mechanical and Aerospace Engineering, Princeton University
Thomas Webster, Associate Professor of Engineering, Brown University

Graduate Student Breakfast Seminar ......................................................................... Marriott Capital Room 2
Moderator: Jabbar Bennett, Associate Dean, Graduate School, Division of Biology and Medicine, Brown University

Doctoral Scholar Breakfast: Preparing for Success ..................................................... Marriott Capital Room 3
Moderator: Marcus Jones, Assistant Professor, Pathogen Functional Genomics Resource Center, J. Craig Venter Institute

8:00AM – 9:45PM
Faculty Breakfast ..................................................................................................... Marriott Capital Room 7

10:00AM – 12:00PM
Recruiting Fair ........................................................................................................ Convention Center Ballroom C

10:00AM – 11:30AM
Leadership Alliance Doctoral Scholar Network ....................................................... Marriott Capital Room 3

12:00PM – 1:00PM
Fill out surveys, Closing Remarks, Adjournment .................................................... Marriott Ballroom
Shirley Malcom, Ph.D.

Dr. Shirley Malcom is Head of the Directorate for Education and Human Resources Programs of the American Association for the Advancement of Science (AAAS). The directorate includes AAAS programs in education, activities for underrepresented groups, and public understanding of science and technology. Dr. Malcom serves on several boards—including the Heinz Endowments, Public Agenda and Digital Promise—and is an honorary trustee of the American Museum of Natural History. In 2006 she was named as co-chair (with Leon Lederman) of the National Science Board Commission on 21st Century Education in STEM. She serves as a Regent of Morgan State University and as a trustee of Caltech. In addition, she has chaired a number of national committees addressing education reform and access to scientific and technical education, careers and literacy. Dr. Malcom is a former trustee of the Carnegie Corporation of New York. She is a fellow of the AAAS and the American Academy of Arts and Sciences. She served on the National Science Board, the policymaking body of the National Science Foundation, from 1994 to 1998, and from 1994-2001 served on the President’s Committee of Advisors on Science and Technology. Dr. Malcom received her doctorate in ecology from Pennsylvania State University; master’s degree in zoology from the University of California, Los Angeles; and bachelor’s degree with distinction in zoology from the University of Washington. She also holds 16 honorary degrees and in 2003 received the Public Welfare Medal of the National Academy of Sciences, the highest award given by the Academy.

Lawrence A. Tabak, D.D.S., Ph.D.

Dr. Tabak was appointed as the Principal Deputy Director of the NIH on August 23, 2010. He has served as co-chair of several trans-NIH activities, including the NIH-wide initiative to enhance peer-review, and played a leadership role in coordinating the agency’s response to the American Recovery and Reinvestment Act. From 2000 to 2010 he was Director of the National Institute of Dental and Craniofacial Research.

Prior to joining the NIH, Dr. Tabak was the senior associate dean for research and professor of dentistry and biochemistry and biophysics in the School of Medicine and Dentistry at the University of Rochester. A former NIH MERIT recipient, Dr. Tabak’s major research focus has been on glycoprotein biosynthesis and function. He continues to lead an active research laboratory within the NIH intramural program in addition to his administrative duties.

A native of Brooklyn, New York, Dr. Tabak received his undergraduate degree from City College of the City University of New York, his D.D.S. from Columbia University, and a Ph.D. from the University of Buffalo. He is a fellow of the American Association for the Advancement of Science and a member of the Institute of Medicine of the National Academies.
<table>
<thead>
<tr>
<th>Time</th>
<th>Subject</th>
<th>Presenter</th>
<th>Title</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:15</td>
<td>AB</td>
<td>Jessica Cardenas</td>
<td>Survivin’s Role in the Regulated Secretory Pathway for Insulin</td>
<td>CC-13</td>
</tr>
<tr>
<td>11:15</td>
<td>EN</td>
<td>Elvia Cortes</td>
<td>Modular BoxWing UAV</td>
<td>CC-23</td>
</tr>
<tr>
<td>11:15</td>
<td>HU</td>
<td>Hadiya Jones</td>
<td>Social Media, Awkward Black Girl, and Alternative Images of Blackness</td>
<td>CC-25</td>
</tr>
<tr>
<td>11:15</td>
<td>AB</td>
<td>David Leon</td>
<td>Gastric Band Release Rapidly Impacts Eating Behavior, Satiety Hormones and Weight</td>
<td>CC-16</td>
</tr>
<tr>
<td>11:15</td>
<td>BB</td>
<td>Dan Li</td>
<td>SPINK1 Expression in Prostate Cancers and Its Effects on Other Transcriptions Factors</td>
<td>CC-14</td>
</tr>
<tr>
<td>11:15</td>
<td>ES</td>
<td>Johanna Nifosi</td>
<td>Measuring Immune Development in Larval Amphibians to Understand Age-Dependent Susceptibility to Infection by <em>Riberoia ondatrae</em> (Class Trematoda)</td>
<td>CC-21</td>
</tr>
<tr>
<td>11:15</td>
<td>BB</td>
<td>Stephanie Rivera</td>
<td>The Role of HDAC6 on Cigarette Smoke–Induced Endothelial Barrier Dysfunction and Deacetylation of a-Tubulin</td>
<td>CC-17</td>
</tr>
<tr>
<td>11:15</td>
<td>AB</td>
<td>Juan Rivera Correa</td>
<td>Interferon-stimulated Genes Restrict Replication of Human Rhinoviruses</td>
<td>CC-11</td>
</tr>
<tr>
<td>11:15</td>
<td>AB</td>
<td>April Sosa</td>
<td>Severe Traumatic Brain Injury in Rats Affects Markers of Memory Maintenance and Neurodegeneration</td>
<td>CC-12</td>
</tr>
<tr>
<td>11:15</td>
<td>HU</td>
<td>Brooke Thomas</td>
<td>Substance Over Style: Reconsidering Chicago’s Black Elite between 1930-1960</td>
<td>CC-26</td>
</tr>
<tr>
<td>11:15</td>
<td>AB</td>
<td>Marcos Villarreal</td>
<td>How <em>Mycobacterium vaccae</em> May Cure Chronic Depression</td>
<td>CC-15</td>
</tr>
<tr>
<td>11:15</td>
<td>HU</td>
<td>Janelle White</td>
<td>Intra-Racial Stratification in Chicago During the Civil Rights Era: The Role of Public Education</td>
<td>CC-27</td>
</tr>
<tr>
<td>11:30</td>
<td>BB</td>
<td>Brian Brown</td>
<td>Presence of a Putative Virulence Factor, <em>sasX</em>, in Methicillin-Resistant <em>Staphylococcus aureus</em> from Nosocomial Pneumonia</td>
<td>CC-15</td>
</tr>
<tr>
<td>11:30</td>
<td>HU</td>
<td>Alexander Catchings</td>
<td>The Neo-Slave Narrative’s Utility as an Aesthetic of Humor and National Ethic</td>
<td>CC-25</td>
</tr>
<tr>
<td>11:30</td>
<td>AB</td>
<td>Stephanie Christie</td>
<td>Analyzing the Genetic Variability and Reverse Transcriptase Drug Resistance Mutations in HIV-1 Infected Individuals in Yaounde, Cameroon</td>
<td>CC-11</td>
</tr>
<tr>
<td>11:30</td>
<td>HU</td>
<td>Mack Curry IV</td>
<td>The Study of Black English Vernacular: Its Usage in Literature and Music, and the Incorporation of This Dialect into English Teaching Curriculums</td>
<td>CC-27</td>
</tr>
<tr>
<td>11:30</td>
<td>BB</td>
<td>Christopher Ecker</td>
<td>Tumor Suppressor APC’s Regulation of GSK-3</td>
<td>CC-13</td>
</tr>
<tr>
<td>Time</td>
<td>Location</td>
<td>Name</td>
<td>Title</td>
<td>Session</td>
</tr>
<tr>
<td>--------</td>
<td>----------</td>
<td>-----------------------</td>
<td>----------------------------------------------------------------------</td>
<td>---------</td>
</tr>
<tr>
<td>11:30 AM</td>
<td>EN</td>
<td>Rene Farfan</td>
<td>Realization of Periodic Metamaterials to Practical Three-Dimensional Structures</td>
<td>CC-23</td>
</tr>
<tr>
<td>11:30 AM</td>
<td>EN</td>
<td>Legna Figueroa-Cosme</td>
<td>Formation of Silver Secondary Particles in Solution Phase</td>
<td>CC-21</td>
</tr>
<tr>
<td>11:30 AM</td>
<td>BB</td>
<td>Isabel Hinestrosa</td>
<td>Effect of mTORC1/2 Inhibition on T Lymphocyte Responses in a Breast Cancer Mouse Model</td>
<td>CC-14</td>
</tr>
<tr>
<td>11:30 AM</td>
<td>BB</td>
<td>Roderick King</td>
<td>The Role of PKMzeta in the Reinstatement of Cocaine Seeking</td>
<td>CC-17</td>
</tr>
<tr>
<td>11:30 AM</td>
<td>AB</td>
<td>Sarah Lund</td>
<td>Induction of Toll-Like Receptor 9 Signaling as a Method for Ameliorating Neuropathology in an Alzheimer’s Disease Mouse Model</td>
<td>CC-12</td>
</tr>
<tr>
<td>11:30 AM</td>
<td>EN</td>
<td>Brittany Rauzan</td>
<td>Soft Nanoimprint Lithography Using Bulk Metallic Glass for Fabrication of Polymer-Based Solar Cells with Enhanced Performance</td>
<td>CC-22</td>
</tr>
<tr>
<td>11:30 AM</td>
<td>HU</td>
<td>Roberto Rodriguez</td>
<td>Violent Inscriptions, Psychic Wounds: Politics, Violence, Psychosis in Horacio Castellano Moya’s Insensatez</td>
<td>CC-24</td>
</tr>
<tr>
<td>11:30 AM</td>
<td>AB</td>
<td>Jorge Zarate Rodriguez</td>
<td>Sub-therapeutic Antibiotic Treatment and High Fat Diet Alter Murine Body Composition</td>
<td>CC-16</td>
</tr>
<tr>
<td>11:45 AM</td>
<td>HU</td>
<td>Robin Ayers</td>
<td>With all Deliberate Speed: A Historical Analysis of the Factors which Led to Emory University’s Desegregation</td>
<td>CC-26</td>
</tr>
<tr>
<td>11:45 AM</td>
<td>PS</td>
<td>Javier Barranco</td>
<td>Image Quality Assessment For Compress Sensing Reconstruction</td>
<td>CC-23</td>
</tr>
<tr>
<td>11:45 AM</td>
<td>EN</td>
<td>Marc Castro</td>
<td>Traveling-Wave Metal-Insulator-Metal Diode for Terahertz Conversion</td>
<td>CC-22</td>
</tr>
<tr>
<td>11:45 AM</td>
<td>HU</td>
<td>Jessica Cottrell</td>
<td>Implications of the Black Male Body: An Analysis of the Societal Texts for the Young African American Male</td>
<td>CC-25</td>
</tr>
<tr>
<td>11:45 AM</td>
<td>HU</td>
<td>Chloe Edmonds</td>
<td>Education and Violence: Children, Schooling, and Genocide in Germany and Rwanda</td>
<td>CC-27</td>
</tr>
<tr>
<td>11:45 AM</td>
<td>BB</td>
<td>Jordan Encarnacion</td>
<td>Sex Differences in FosB Expression after Acute Administration of Cocaine, Methamphetamine, and Cannabinoids (WIN-55) in the Prefrontal Cortex of Rats</td>
<td>CC-17</td>
</tr>
<tr>
<td>11:45 AM</td>
<td>HU</td>
<td>Kyle Gipson</td>
<td>The Contours of the New World: The Problem of Particularity in Richard Wright’s Native Son</td>
<td>CC-24</td>
</tr>
<tr>
<td>11:45 AM</td>
<td>BB</td>
<td>Xiang Liu</td>
<td>Elucidating How Staphylococcus aureus Leukotoxin AB Targets and Kills Mammalian Cell Through Structure-function Analysis</td>
<td>CC-15</td>
</tr>
<tr>
<td>11:45 AM</td>
<td>BB</td>
<td>Brian Mbamelu</td>
<td>A Role for Notch in Traf6 Regulation</td>
<td>CC-13</td>
</tr>
<tr>
<td>11:45 AM</td>
<td>BB</td>
<td>Michael Okoreeh</td>
<td>Optimizing Biomarkers to Identify MTAP Deficiency in Cancer</td>
<td>CC-14</td>
</tr>
<tr>
<td>11:45 AM</td>
<td>EN</td>
<td>Candy Reid</td>
<td>Design and Fabrication of a High Throughput Combinatorial Electrochemical Testing System</td>
<td>CC-21</td>
</tr>
<tr>
<td>Time</td>
<td>Code</td>
<td>Name</td>
<td>Title</td>
<td>Room</td>
</tr>
<tr>
<td>--------</td>
<td>------</td>
<td>-----------------------</td>
<td>---------------------------------------------------------------------------------------------</td>
<td>-------</td>
</tr>
<tr>
<td>11:45 AM</td>
<td>BB</td>
<td>Anthony Rivera</td>
<td>Survey of Time Budgeting and Feeding Preferences in Black-tailed Prairie Dogs</td>
<td>CC-16</td>
</tr>
<tr>
<td>11:45 AM</td>
<td>AB</td>
<td>Matthew Rollins</td>
<td>Effect of SIV in the Brain: Impact of SIV Infection on Neurogenesis in a Pediatric Rhesus Macaque Model</td>
<td>CC-12</td>
</tr>
<tr>
<td>11:45 AM</td>
<td>BB</td>
<td>Alexander Vega</td>
<td>HIV-2 Nucleocapsid Protein</td>
<td>CC-11</td>
</tr>
<tr>
<td>12:00 PM</td>
<td>AB</td>
<td>Titilayo Afolabi</td>
<td>Effect of Reactive Oxygen Species on TRPM2 Channel in Leading to Alzheimer’s Disease</td>
<td>CC-12</td>
</tr>
<tr>
<td>12:00 PM</td>
<td>AB</td>
<td>Obed Agyei</td>
<td>Signaling of CCL7 and Its Receptors in the Lung Cancer Progression</td>
<td>CC-14</td>
</tr>
<tr>
<td>12:00 PM</td>
<td>HU</td>
<td>Leah Barlow</td>
<td>Locating the Human in South African Literature: Formalism in J.M. Coetzee’s <em>Disgrace</em> and Nadine Gordimer’s <em>None to Accompany Me</em></td>
<td>CC-24</td>
</tr>
<tr>
<td>12:00 PM</td>
<td>PS</td>
<td>Tashalee Billings</td>
<td>Using CMB Polarization to Trace E-Fields and B-Fields</td>
<td>CC-23</td>
</tr>
<tr>
<td>12:00 PM</td>
<td>SS</td>
<td>Bailey Brown</td>
<td>Why Link Communities to Schools? Rethinking the Community-School Dynamic</td>
<td>CC-27</td>
</tr>
<tr>
<td>12:00 PM</td>
<td>PS</td>
<td>Ivan Bukreyev</td>
<td>Structure and Ordering of Nickelate Superlattices</td>
<td>CC-22</td>
</tr>
<tr>
<td>12:00 PM</td>
<td>EN</td>
<td>Christian Hernandez</td>
<td>Centrifuge Testing to Evaluate Seismic Lateral Earth Pressures on Buried Reservoirs</td>
<td>CC-21</td>
</tr>
<tr>
<td>12:00 PM</td>
<td>BB</td>
<td>Daniel Latimer</td>
<td>Loss of Anthrax Toxin Receptors in Mice Leads to Deficient MT1-MMP Activity and May Cause Failure to Thrive Due to Defective Gastrointestinal Function</td>
<td>CC-16</td>
</tr>
<tr>
<td>12:00 PM</td>
<td>AB</td>
<td>Dalila Ordonez</td>
<td>Potential Antioxidant Effects of SDG Treatment on HIV-mediated Neurotoxicity</td>
<td>CC-11</td>
</tr>
<tr>
<td>12:00 PM</td>
<td>HU</td>
<td>Anairis Perez</td>
<td>Linked Struggle: Finding Community through Art History</td>
<td>CC-26</td>
</tr>
<tr>
<td>12:00 PM</td>
<td>AB</td>
<td>Estee Rubien-Thomas</td>
<td>Cognitive and Neuroplastic Effects of Chronic Morphine and Morphine Withdrawal in Mice</td>
<td>CC-17</td>
</tr>
<tr>
<td>12:00 PM</td>
<td>BB</td>
<td>Anthony Scruse</td>
<td>An Exploration of Peptidomimicry by an Antibacterial Natural Product</td>
<td>CC-15</td>
</tr>
<tr>
<td>12:00 PM</td>
<td>HU</td>
<td>Christine Semple</td>
<td>The Cool: Blackface, Hip hop, and Geishas</td>
<td>CC-25</td>
</tr>
<tr>
<td>12:00 PM</td>
<td>BB</td>
<td>Melissa Spear</td>
<td>The Role of Leucine-Rich Repeat (in Flightless I) Interacting Protein-1 in the Wnt/β-catenin Pathway</td>
<td>CC-13</td>
</tr>
<tr>
<td>12:15 PM</td>
<td>SS</td>
<td>Omar Davila Jr</td>
<td>The Impact of Feeling Understood and Validated on Student Performance</td>
<td>CC-25</td>
</tr>
<tr>
<td>12:15 PM</td>
<td>PS</td>
<td>Mark Davis</td>
<td>Imaging Monolayer ZrO2 on a Si Substrate</td>
<td>CC-22</td>
</tr>
<tr>
<td>12:15 PM</td>
<td>AB</td>
<td>Emily Fernández Garcia</td>
<td>Characterization of a4b2 and a7 nAChRs as Therapeutic Targets for the Development of Nicotine Cessation Treatments that Alleviate Anxiety During Withdrawal</td>
<td>CC-17</td>
</tr>
<tr>
<td>12:15 PM</td>
<td>PS</td>
<td>Mamikon Gulian</td>
<td>Well-posedness for a Perturbed KdV Equation</td>
<td>CC-23</td>
</tr>
<tr>
<td>12:15 PM</td>
<td>SS</td>
<td>Mark Harris</td>
<td>College Is for Me: Educational Socialization of African American Adolescent Males and Its Impact on Their College Matriculation</td>
<td>CC-27</td>
</tr>
<tr>
<td>Time</td>
<td>Code</td>
<td>Presenter</td>
<td>Title</td>
<td>Location</td>
</tr>
<tr>
<td>--------</td>
<td>------</td>
<td>------------------</td>
<td>----------------------------------------------------------------------</td>
<td>----------</td>
</tr>
<tr>
<td>12:15 PM</td>
<td>AB</td>
<td>Nathan Lo</td>
<td>Immune Complex Vaccine for the Production of Broad Neutralizing Antibodies Against HIV</td>
<td>CC-11</td>
</tr>
<tr>
<td>12:15 PM</td>
<td>BB</td>
<td>Danielle Miyagishima</td>
<td>Temporal Differentiation of Neocortical Interneuron Progenitor Cells</td>
<td>CC-12</td>
</tr>
<tr>
<td>12:15 PM</td>
<td>BB</td>
<td>Emmanuel Quaidoo</td>
<td>Optogenetic Stimulation of the BNST in Mice Induces Feeding</td>
<td>CC-16</td>
</tr>
<tr>
<td>12:15 PM</td>
<td>BB</td>
<td>Lina Sanchez</td>
<td>Survival of Host-Passaged Vibrio cholerae Under Various Stress Conditions</td>
<td>CC-15</td>
</tr>
<tr>
<td>12:15 PM</td>
<td>BB</td>
<td>Blake Scott</td>
<td>Barx1 and Wnt Signaling: The Characterization of a Homeobox Gene in Gastric Carcinogenesis</td>
<td>CC-13</td>
</tr>
<tr>
<td>12:15 PM</td>
<td>PS</td>
<td>Peter Vitale</td>
<td>Chemistry of Graphene Oxide</td>
<td>CC-21</td>
</tr>
<tr>
<td>12:15 PM</td>
<td>AB</td>
<td>Zollie White III</td>
<td>Cross-Regulation of Activin A and TGF-beta in Breast Cancer</td>
<td>CC-14</td>
</tr>
<tr>
<td>12:30 PM</td>
<td>PS</td>
<td>Jade Bing</td>
<td>Application of PCET Towards the Formation of Radical Intermediates and Carbon-carbon Bonds</td>
<td>CC-21</td>
</tr>
<tr>
<td>12:30 PM</td>
<td>BB</td>
<td>Cristhian Cadena</td>
<td>Detection of Defective Interfering (DI) Particles of Bovine Respiratory Syncytial Virus (BRSV), Canine Distemper Virus (CDV), and Sendai Virus (SeV) in Lung Tissues</td>
<td>CC-15</td>
</tr>
<tr>
<td>12:30 PM</td>
<td>BB</td>
<td>Mateo Hernandez</td>
<td>Investigation of the HIV-2 5'-Untranslated Region</td>
<td>CC-11</td>
</tr>
<tr>
<td>12:30 PM</td>
<td>PE</td>
<td>Sean McAdams Luna</td>
<td>Public Opinion Change in the Transnational Context: The Link Between Social Change and Migrant Networks</td>
<td>CC-26</td>
</tr>
<tr>
<td>12:30 PM</td>
<td>BB</td>
<td>Joshua Moore</td>
<td>Determining Cellular Localization of hTDP-43 during Beta-amyloid Plaque Formation</td>
<td>CC-12</td>
</tr>
<tr>
<td>12:30 PM</td>
<td>BB</td>
<td>Stephanie Ortiz</td>
<td>cFos Immunoreactivity as a Result of Maternal Malnutrition and Stress</td>
<td>CC-16</td>
</tr>
<tr>
<td>12:30 PM</td>
<td>SS</td>
<td>Aparecio Peggins</td>
<td>Cocaine Use Reduction with Buprenorphine - CURB</td>
<td>CC-17</td>
</tr>
<tr>
<td>12:30 PM</td>
<td>PS</td>
<td>Benjamin Pollak</td>
<td>Nonpolymorphic Phase Transitions in Bulk Metallic Glasses</td>
<td>CC-22</td>
</tr>
<tr>
<td>12:30 PM</td>
<td>AB</td>
<td>Melanie Santos-Marrero</td>
<td>Does TGF-beta Inhibition Increase Immunogenic Cell Death in Irradiated Cancer Cells?</td>
<td>CC-14</td>
</tr>
<tr>
<td>12:30 PM</td>
<td>BB</td>
<td>Emilio Soto</td>
<td>Epigenetic Regulation of Notch Signaling</td>
<td>CC-13</td>
</tr>
<tr>
<td>12:30 PM</td>
<td>PS</td>
<td>Noor Tell</td>
<td>Calculating Surface Area of Fractal Bacterial Flocs</td>
<td>CC-23</td>
</tr>
<tr>
<td>2:45 PM</td>
<td>BB</td>
<td>Kevin Alicea Torres</td>
<td>Identification and Characterization of Contact-Dependent Interactions in Platelets</td>
<td>CC-14</td>
</tr>
<tr>
<td>2:45 PM</td>
<td>ES</td>
<td>Elena Baluyut</td>
<td>Using InSAR to Analyze the Effects of Oil Extraction on Kuparuk Oil Field</td>
<td>CC-22</td>
</tr>
<tr>
<td>Time</td>
<td>Group</td>
<td>Name</td>
<td>Title</td>
<td>Location</td>
</tr>
<tr>
<td>-------</td>
<td>-------</td>
<td>--------------</td>
<td>----------------------------------------------------------------------</td>
<td>----------</td>
</tr>
<tr>
<td>2:45 PM</td>
<td>AB</td>
<td>Amanda Buch</td>
<td>Understanding the Role of Rab-3 in Synaptic Vessel Exocytosis</td>
<td>CC-16</td>
</tr>
<tr>
<td>2:45 PM</td>
<td>HU</td>
<td>Darren Esparza</td>
<td>DREAMers or Immigrants? A Textual Analysis of President Obama's Support for the DREAM Act</td>
<td>CC-25</td>
</tr>
<tr>
<td>2:45 PM</td>
<td>BB</td>
<td>Rachel Foster</td>
<td>Hippocampal Brain-Derived Neurotrophic Factor Expression in Response to Alcohol Consumption and Voluntary Exercise</td>
<td>CC-17</td>
</tr>
<tr>
<td>2:45 PM</td>
<td>AB</td>
<td>Kafi Friday</td>
<td>The Effect of Prenatal Maternal Immune Activation on Inhibitory Network Activity in Adult Offspring Medial Prefrontal Cortex</td>
<td>CC-12</td>
</tr>
<tr>
<td>2:45 PM</td>
<td>ES</td>
<td>Kaitlyn Jeaniis</td>
<td>A Study of MS2 Molecular Damage Due to Wavelength Specific UV Irradiation</td>
<td>CC-21</td>
</tr>
<tr>
<td>2:45 PM</td>
<td>AB</td>
<td>Kelsey Maness</td>
<td>Mechanism of Inflammasome Stimulation by Listeria monocytogenes in Human Myeloid Dendritic Cells</td>
<td>CC-23</td>
</tr>
<tr>
<td>2:45 PM</td>
<td>AB</td>
<td>Gabriel Marrero</td>
<td>Characterization of Tau Autoantibodies in Human Plasma</td>
<td>CC-13</td>
</tr>
<tr>
<td>2:45 PM</td>
<td>BB</td>
<td>Jessica Morgan</td>
<td>The Kinesin II Family Motor Protein, KIF17, Contributes to Microtubule Stabilization and Actin Polymerization in Epithelial Cells</td>
<td>CC-15</td>
</tr>
<tr>
<td>2:45 PM</td>
<td>BB</td>
<td>Guillaume Roubaix</td>
<td>Implication of HPIP in the Chromosome Segregation</td>
<td>CC-11</td>
</tr>
<tr>
<td>2:45 PM</td>
<td>HU</td>
<td>Jonathon Savage</td>
<td>Product Place(ment): Spatial Branding and the Unfamiliar Geography of Materialism in Don DeLillo and Colson Whitehead</td>
<td>CC-26</td>
</tr>
<tr>
<td>3:00 PM</td>
<td>BB</td>
<td>Jesus Ayala</td>
<td>CRH and TRH Expression and Methylation in Preterm Placenta</td>
<td>CC-12</td>
</tr>
<tr>
<td>3:00 PM</td>
<td>BB</td>
<td>Joseph Behnke</td>
<td>The Effects of Ketamine on Synaptic Plasticity</td>
<td>CC-16</td>
</tr>
<tr>
<td>3:00 PM</td>
<td>SS</td>
<td>Jasmine Benjamin</td>
<td>Race Negotiation among Black Republican Congressmen</td>
<td>CC-25</td>
</tr>
<tr>
<td>3:00 PM</td>
<td>BB</td>
<td>Gina Calco</td>
<td>Distinct and Additive Contributions of Thiamine Deficiency in an Experimental Model of Alcohol-Related Neurodegeneration</td>
<td>CC-17</td>
</tr>
<tr>
<td>3:00 PM</td>
<td>BB</td>
<td>Kristin Ha</td>
<td>Localization of the Telomerase RNA in Human Cells</td>
<td>CC-11</td>
</tr>
<tr>
<td>3:00 PM</td>
<td>SS</td>
<td>Sara Harris</td>
<td>Mothers’ Co-Residence with Children in Lesotho: Changing the Perspective</td>
<td>CC-24</td>
</tr>
<tr>
<td>3:00 PM</td>
<td>SS</td>
<td>Theresa Henry</td>
<td>Development Accounting Revisited</td>
<td>CC-27</td>
</tr>
<tr>
<td>3:00 PM</td>
<td>EN</td>
<td>Alex Holness</td>
<td>Tracking Humans during Flocking Experiments: Determining Leadership and How it Relates to Centrality Measures</td>
<td>CC-22</td>
</tr>
<tr>
<td>3:00 PM</td>
<td>BB</td>
<td>Nilsa Jenkins Luna</td>
<td>Investigating the Regulatory Role of MicroRNAs in the Life Span of C. elegans</td>
<td>CC-14</td>
</tr>
<tr>
<td>Time</td>
<td>Session</td>
<td>Name</td>
<td>Title</td>
<td>Location</td>
</tr>
<tr>
<td>--------</td>
<td>---------</td>
<td>--------------------</td>
<td>----------------------------------------------------------------------</td>
<td>----------</td>
</tr>
<tr>
<td>3:00 PM</td>
<td>BB</td>
<td>Nelson LaMarche</td>
<td>Characterization of Myosin Dynamics in a Drosophila Germband Extension Mutant</td>
<td>CC-15</td>
</tr>
<tr>
<td>3:00 PM</td>
<td>HU</td>
<td>Bretney Moore</td>
<td>Rigidity Means Death: Intersections in the Work of Bessie Head and Gloria Anzaldua</td>
<td>CC-26</td>
</tr>
<tr>
<td>3:00 PM</td>
<td>AB</td>
<td>Kristy Mungal</td>
<td>Non-Invasive In vivo Imaging of a Subcutaneous Melanoma Model Provides an In-depth View of Tumor Growth Dynamics</td>
<td>CC-23</td>
</tr>
<tr>
<td>3:00 PM</td>
<td>AB</td>
<td>Rachel Rudlaff</td>
<td>Malarial Anemia: The Role of Homeostasis and Autoimmunity</td>
<td>CC-13</td>
</tr>
<tr>
<td>3:00 PM</td>
<td>EN</td>
<td>Julie Walker</td>
<td>A Fingertip Haptic Feedback Device for Remote Palpation with a BioTac Sensor</td>
<td>CC-21</td>
</tr>
<tr>
<td>3:15 PM</td>
<td>BB</td>
<td>Leslie Brown</td>
<td>An Examination of Cortisol and Rumination in Pregnant Women</td>
<td>CC-13</td>
</tr>
<tr>
<td>3:15 PM</td>
<td>SS</td>
<td>Shantel Campbell</td>
<td>The Clock is Ticking &amp; Money is Running Out: How Scarcity of Time &amp; Resources Affect Buyer Behavior</td>
<td>CC-27</td>
</tr>
<tr>
<td>3:15 PM</td>
<td>BB</td>
<td>Danielle Cicka</td>
<td>The Overexpression of the Myopathic Matrin-3 S85C Mutant in C2C12 Myogenic Cells</td>
<td>CC-15</td>
</tr>
<tr>
<td>3:15 PM</td>
<td>BB</td>
<td>Jonathan Cohen</td>
<td>Ethanol Inhibition of Adenylylate Cyclase Decreases the Phosphorylation State of Alpha 7 Nicotinic Acetylcholine Receptors</td>
<td>CC-17</td>
</tr>
<tr>
<td>3:15 PM</td>
<td>BB</td>
<td>Netanel Ghatan</td>
<td>In Search of Neural Syntax in the Hippocampus</td>
<td>CC-16</td>
</tr>
<tr>
<td>3:15 PM</td>
<td>BB</td>
<td>Talia Guardia</td>
<td>Analyzing the Mutations in the TBX5 Gene in Patients with Holt-Oram Syndrome</td>
<td>CC-11</td>
</tr>
<tr>
<td>3:15 PM</td>
<td>AB</td>
<td>Dante’ Johnson</td>
<td>Activate Your Anxiety Network</td>
<td>CC-22</td>
</tr>
<tr>
<td>3:15 PM</td>
<td>PS</td>
<td>Sandya Lakkur</td>
<td>Data Mining of the Human Microbiome</td>
<td>CC-21</td>
</tr>
<tr>
<td>3:15 PM</td>
<td>BB</td>
<td>Sarah Leone</td>
<td>Analysis of Midbody Remnant Internalization During Caenorhabditis elegans Embryogenesis</td>
<td>CC-14</td>
</tr>
<tr>
<td>3:15 PM</td>
<td>SS</td>
<td>Shelby Lohr</td>
<td>The Evolution of Evangelicalism through Early American Texts</td>
<td>CC-26</td>
</tr>
<tr>
<td>3:15 PM</td>
<td>BB</td>
<td>Juan Lopez</td>
<td>Characterization of the Kinetics of Mutant T178I in Embryonic Myosin</td>
<td>CC-12</td>
</tr>
<tr>
<td>3:15 PM</td>
<td>AB</td>
<td>Krystina Quow</td>
<td>Sperm Cell Transfer and Automated Sperm Search Using Laser Microdissection</td>
<td>CC-23</td>
</tr>
<tr>
<td>3:15 PM</td>
<td>SS</td>
<td>Guy Sakamoto</td>
<td>A Systematic Review of Research on the Consequences of Maternal Incarceration for Children</td>
<td>CC-24</td>
</tr>
<tr>
<td>3:15 PM</td>
<td>SS</td>
<td>Olamide Williams</td>
<td>Wilsonian Foreign Policy and the Paradox of Globalization</td>
<td>CC-25</td>
</tr>
<tr>
<td>3:30 PM</td>
<td>BB</td>
<td>Davis Anugo</td>
<td>Translational Control in the Mammalian Circadian Clock</td>
<td>CC-13</td>
</tr>
<tr>
<td>3:30 PM</td>
<td>SS</td>
<td>Kamaria Beamon</td>
<td>Aspects of Identity in Teaching Practices: Case Study of Travis Plume</td>
<td>CC-26</td>
</tr>
<tr>
<td>3:30 PM</td>
<td>BB</td>
<td>Marimar Benitez</td>
<td>Exploiting 89Zr-transferrin PET as a Biomarker of Response to Therapies that Inhibit MYC Function</td>
<td>CC-15</td>
</tr>
<tr>
<td>3:30 PM</td>
<td>BB</td>
<td>Rebecca Betances</td>
<td>MiRNA-17-92 Cluster Controls the Differentiation of Subcerebral Projection Neurons by Targeting Transcription Factor Ctip2</td>
<td>CC-17</td>
</tr>
<tr>
<td>Time</td>
<td>Code</td>
<td>Name</td>
<td>Title</td>
<td>Location</td>
</tr>
<tr>
<td>-------</td>
<td>------</td>
<td>--------------------</td>
<td>---------------------------------------------------------------------------------------------</td>
<td>----------</td>
</tr>
<tr>
<td>3:30 PM</td>
<td>PS</td>
<td>Megan Cherry</td>
<td>Integrated Network Approaches to Understanding Indirect Transcription Factor Interactions Associated with Variants of the Mediator Complex</td>
<td>CC-21</td>
</tr>
<tr>
<td>3:30 PM</td>
<td>SS</td>
<td>Tazmin Falan</td>
<td>Do Questionnaire Measures of Children's Prosocial Behavior Predict Altruism in the Dictator Game?</td>
<td>CC-27</td>
</tr>
<tr>
<td>3:30 PM</td>
<td>BB</td>
<td>Joshua Kogan</td>
<td>Caenorhabditis elegans as a Model for Inducing Cell Death in Germine Tumors</td>
<td>CC-14</td>
</tr>
<tr>
<td>3:30 PM</td>
<td>BB</td>
<td>Mikki Mesfin</td>
<td>Localizing Expression of c-myb Within the Embryonic Brain</td>
<td>CC-12</td>
</tr>
<tr>
<td>3:30 PM</td>
<td>BB</td>
<td>Oluremi Ojo</td>
<td>Alternative Lengthening of Telomeres in Embryonic Development</td>
<td>CC-11</td>
</tr>
<tr>
<td>3:30 PM</td>
<td>AB</td>
<td>Charrise Ramkisson</td>
<td>Validation of IVIM-DWI Diffusion Parameters through Histology Quantification</td>
<td>CC-23</td>
</tr>
<tr>
<td>3:30 PM</td>
<td>BB</td>
<td>Felix Reyes</td>
<td>Temporal Variables in Dopaminergic-mediated Plasticity of Auditory Cortical Circuits</td>
<td>CC-16</td>
</tr>
<tr>
<td>3:30 PM</td>
<td>SS</td>
<td>Emilce Santana</td>
<td>Re-examining the Educational Outcomes of U.S. Hispanic/Latino Children of Immigrants</td>
<td>CC-24</td>
</tr>
<tr>
<td>3:30 PM</td>
<td>AB</td>
<td>LaTonya Simon</td>
<td>Directing Motor Axon Outgrowth Using Hydrogels</td>
<td>CC-22</td>
</tr>
<tr>
<td>3:30 PM</td>
<td>SS</td>
<td>Cynthia Villacis</td>
<td>Partisan Taunting in Congress</td>
<td>CC-25</td>
</tr>
<tr>
<td>3:45 PM</td>
<td>BB</td>
<td>Jie Bin Liu</td>
<td>Identification of Clock-controlled mRNAs that Regulate Eclosion Rhythm in the Prothoracic Gland of Drosophila melanogaster</td>
<td>CC-11</td>
</tr>
<tr>
<td>3:45 PM</td>
<td>BB</td>
<td>Christian Capanna</td>
<td>Effective Osteopontin Concentration for Hydroxyapatite Seeded Growth Inhibition and Its Relative Binding Affinity</td>
<td>CC-12</td>
</tr>
<tr>
<td>3:45 PM</td>
<td>AB</td>
<td>Lizzette Castillo</td>
<td>Hi-Fidelity Recovery of Bioaerosols DNA</td>
<td>CC-23</td>
</tr>
<tr>
<td>3:45 PM</td>
<td>SS</td>
<td>Thekia Cheeseborough</td>
<td>Humans Are Animals Too: Exploring How Persons Assert Themselves After Being Dehumanized</td>
<td>CC-26</td>
</tr>
<tr>
<td>3:45 PM</td>
<td>BB</td>
<td>Ashley Diaz</td>
<td>The Role of Presenilin-1 (PSEN-1) in Surfactant Production in Type II Lung Epithelial Cells</td>
<td>CC-15</td>
</tr>
<tr>
<td>3:45 PM</td>
<td>PS</td>
<td>Candace Ghent</td>
<td>Exploring the Mediator Complex using Functional Similarity of Proteins</td>
<td>CC-21</td>
</tr>
<tr>
<td>3:45 PM</td>
<td>SS</td>
<td>Elizabeth Kang</td>
<td>Power in the Workplace</td>
<td>CC-27</td>
</tr>
<tr>
<td>3:45 PM</td>
<td>BB</td>
<td>Claudia Lanauze</td>
<td>Saturation Screens to Uncover Genes that Affect Excretory (Renal) Tube Development in C. elegans</td>
<td>CC-14</td>
</tr>
<tr>
<td>3:45 PM</td>
<td>BB</td>
<td>Patricia Mae Santos</td>
<td>Identifying RNA Sequestered by Pathologic TDP43 in Frontotemporal Lobar Dementia and Amyotrophic Lateral Sclerosis</td>
<td>CC-16</td>
</tr>
<tr>
<td>3:45 PM</td>
<td>BB</td>
<td>Veronica Parra</td>
<td>The Identification of Inhibitory Beta-Amyloid Compounds Using a High-Throughput Assay</td>
<td>CC-17</td>
</tr>
<tr>
<td>3:45 PM</td>
<td>BB</td>
<td>Varun Patel</td>
<td>Intra-Subject Variability in Attention-Deficit Hyperactivity Disorder</td>
<td>CC-13</td>
</tr>
<tr>
<td>3:45 PM</td>
<td>SS</td>
<td>Glenda Ullauri</td>
<td>Global Environmentalism in the Rio+20 Conference: Political Crisis in the Making of a Sustainable Future</td>
<td>CC-25</td>
</tr>
<tr>
<td>3:45 PM</td>
<td>AB</td>
<td>Emile Vieta</td>
<td>Silver Nanoparticle-based Imaging Agents for Breast X-ray Imaging</td>
<td>CC-22</td>
</tr>
<tr>
<td>Time</td>
<td>Section</td>
<td>Name</td>
<td>Title</td>
<td>Room</td>
</tr>
<tr>
<td>-------</td>
<td>---------</td>
<td>--------------------</td>
<td>----------------------------------------------------------------------</td>
<td>------</td>
</tr>
<tr>
<td>3:45 PM</td>
<td>SS</td>
<td>Jasmine Whiteside</td>
<td>What If I Think I Can? Understanding the Impact of Positive Thinking on the Future Success of Children in Rural China</td>
<td>CC-24</td>
</tr>
<tr>
<td>4:00 PM</td>
<td>BB</td>
<td>Jamal Bryant</td>
<td>Measuring Cytosolic Zn Ion Concentrations in Pancreatic Cancer Cells using Genetically Encoded Fluorescent Sensors</td>
<td>CC-12</td>
</tr>
<tr>
<td>4:00 PM</td>
<td>BB</td>
<td>Stacy Christopher</td>
<td>The Role Of FGF8 And FGFR1 In Mouse Hypothalamic Development</td>
<td>CC-16</td>
</tr>
<tr>
<td>4:00 PM</td>
<td>PE</td>
<td>Selena Crowley</td>
<td>Native Nations’ Allocation of Resources: Link to Development</td>
<td>CC-25</td>
</tr>
<tr>
<td>4:00 PM</td>
<td>AB</td>
<td>Christopher Duncan-Lewis</td>
<td>Cell Viability and Morphology on Nanopatterned Bulk Metallic Glass Surfaces</td>
<td>CC-22</td>
</tr>
<tr>
<td>4:00 PM</td>
<td>BB</td>
<td>Nicholas Hernandez</td>
<td>Localization and Trafficking of Phosphorylated BACE1 in the Endocytic Pathway</td>
<td>CC-15</td>
</tr>
<tr>
<td>4:00 PM</td>
<td>PS</td>
<td>Arnaud Konan</td>
<td>Analysis of Spatial Correlation in Shotgun Cellular System</td>
<td>CC-21</td>
</tr>
<tr>
<td>4:00 PM</td>
<td>BB</td>
<td>Shiyng Lu</td>
<td>Does Mediator Complex Subunit 12 Have a Regulatory Role in Hematopoietic Stem Cell Differentiation?</td>
<td>CC-13</td>
</tr>
<tr>
<td>4:00 PM</td>
<td>BB</td>
<td>Tommaso Lucchesi</td>
<td>Impact of Sister Chromatid Cohesion in Telomeric Function in u2os Cells</td>
<td>CC-11</td>
</tr>
<tr>
<td>4:00 PM</td>
<td>SS</td>
<td>Tomas Nivon</td>
<td>Bankruptcy Distress Cost Analysis with Derivatives</td>
<td>CC-27</td>
</tr>
<tr>
<td>4:00 PM</td>
<td>AB</td>
<td>Jorge Rosario</td>
<td>Development of Novel RNA Delivery Method via Self-Assembled Nanopieces</td>
<td>CC-14</td>
</tr>
<tr>
<td>4:00 PM</td>
<td>PE</td>
<td>Christina Williams</td>
<td>U.S. Foreign Policy Towards Latin America: Pursuing the National Interest (Or Not?)</td>
<td>CC-24</td>
</tr>
<tr>
<td>4:00 PM</td>
<td>BB</td>
<td>Clara Woods</td>
<td>Effects of Hypertension on the Subcellular Density of the NMDA Receptor in Corticotropin Releasing Factor Type 1 Receptor Containing Neurons in the Mouse Rostral Ventrolateral Medulla</td>
<td>CC-17</td>
</tr>
<tr>
<td>4:45 PM</td>
<td>BB</td>
<td>Niambi Brewer</td>
<td>Identification of Additional Lipid Regulators that Contribute to Primordial Germ Cell Migration in Drosophila</td>
<td>CC-15</td>
</tr>
<tr>
<td>4:45 PM</td>
<td>SS</td>
<td>Danielle Callendar</td>
<td>Check your Privilege: Black Women's Resistance of White Cultural Privileging in Elite Colleges</td>
<td>CC-24</td>
</tr>
<tr>
<td>4:45 PM</td>
<td>AB</td>
<td>Martha Dua-Awereh</td>
<td>Activation of STAT-5 by the Extracellular Factor Neuromedin U is JAK2-dependent</td>
<td>CC-17</td>
</tr>
<tr>
<td>4:45 PM</td>
<td>AB</td>
<td>Robert Gutierrez</td>
<td>Quantitative Measurement of Live Cells and Their Gene Expression</td>
<td>CC-11</td>
</tr>
<tr>
<td>4:45 PM</td>
<td>SS</td>
<td>Emily Jenab</td>
<td>The Benefits of Mindfulness for At-Risk High School Students</td>
<td>CC-26</td>
</tr>
<tr>
<td>4:45 PM</td>
<td>AB</td>
<td>Yoelkys Morales</td>
<td>T-Cell Exhaustion in DBA/2 and BALB/c Mice after Infection with Babesia Microti</td>
<td>CC-12</td>
</tr>
<tr>
<td>4:45 PM</td>
<td>SS</td>
<td>Melissa Powell</td>
<td>Private Speech During Delay of Gratification</td>
<td>CC-25</td>
</tr>
<tr>
<td>4:45 PM</td>
<td>SS</td>
<td>Carlos Puentes</td>
<td>Predicting the Benefit of Antidepressant Medication Relative to Placebo Using Patient Characteristics</td>
<td>CC-22</td>
</tr>
<tr>
<td>Time</td>
<td>Section</td>
<td>Name</td>
<td>Title</td>
<td>Location</td>
</tr>
<tr>
<td>--------</td>
<td>---------</td>
<td>---------------------</td>
<td>-------------------------------------------------------------------------------------------------</td>
<td>----------</td>
</tr>
<tr>
<td>4:45 PM</td>
<td>BB</td>
<td>Adam Ross</td>
<td>Modifications of Conserved Lysine and Serine Residues Contribute to the Regulatory Activities of Nkx2.2</td>
<td>CC-13</td>
</tr>
<tr>
<td>4:45 PM</td>
<td>AB</td>
<td>Jaimie Stewart</td>
<td>Enzyme-Degradable Hydrogel System Modeled by Microparticles</td>
<td>CC-21</td>
</tr>
<tr>
<td>4:45 PM</td>
<td>BB</td>
<td>Hudson Stoner</td>
<td>Gamma Sarcoglycan-mediated Signal Transduction in Skeletal Muscle</td>
<td>CC-14</td>
</tr>
<tr>
<td>4:45 PM</td>
<td>SS</td>
<td>Isaiah Sypher</td>
<td>Analyzing Motivational Factors in Depression</td>
<td>CC-23</td>
</tr>
<tr>
<td>4:45 PM</td>
<td>BB</td>
<td>Christy Taylor</td>
<td>An Investigation of the Molecular and Mechanical Regulation of Cell Migration in Drosophila</td>
<td>CC-16</td>
</tr>
<tr>
<td>4:45 PM</td>
<td>SS</td>
<td>Christine Wu</td>
<td>Subcomponents of Negative Affect and Cortisol Reactivity</td>
<td>CC-27</td>
</tr>
<tr>
<td>5:00 PM</td>
<td>SS</td>
<td>James Alaniz</td>
<td>A Novel Touch-Screen Based Behavioral Interaction System</td>
<td>CC-23</td>
</tr>
<tr>
<td>5:00 PM</td>
<td>BB</td>
<td>Janae Baptiste</td>
<td>Gene Cloning and Protein Expression of Myristylated Wildtype FIV Matrix Protein Using Human N-myristyl transferase</td>
<td>CC-13</td>
</tr>
<tr>
<td>5:00 PM</td>
<td>BB</td>
<td>Maria Bottermann</td>
<td>Characterizing Natural Killer Cell Exhaustion Using an In-vitro Model to Mimic the Environment of Metastatic Melanoma</td>
<td>CC-12</td>
</tr>
<tr>
<td>5:00 PM</td>
<td>HU</td>
<td>Akia Jackson</td>
<td>The Effects of Slavery on Children’s Perspectives Toward Skin Color</td>
<td>CC-24</td>
</tr>
<tr>
<td>5:00 PM</td>
<td>AB</td>
<td>Hugo Jenab</td>
<td>An Investigation of Post-Menopausal Cardiovascular Illness through Quantification of Neural Capillaries</td>
<td>CC-11</td>
</tr>
<tr>
<td>5:00 PM</td>
<td>BB</td>
<td>Maria Jones</td>
<td>Multimodal Control of Orientation Under Conditions of Toxicity in Bullfrog Tadpoles</td>
<td>CC-16</td>
</tr>
<tr>
<td>5:00 PM</td>
<td>BB</td>
<td>Anthony Kronfli</td>
<td>The Role of Glucocorticoid and BDNF Crosstalk in Regulating Serotonin Receptor Expression</td>
<td>CC-15</td>
</tr>
<tr>
<td>5:00 PM</td>
<td>SS</td>
<td>Joseph Leshin</td>
<td>Exercise and Psychological Inertia</td>
<td>CC-22</td>
</tr>
<tr>
<td>5:00 PM</td>
<td>AB</td>
<td>William Marrero Ortiz</td>
<td>Synthesis of Fluorescent Choline Kinase Inhibitors</td>
<td>CC-17</td>
</tr>
<tr>
<td>5:00 PM</td>
<td>SS</td>
<td>Paul Muniz</td>
<td>The Effectiveness of the Distribution of Resources in Law Schools’ Public Interest Programs</td>
<td>CC-26</td>
</tr>
<tr>
<td>5:00 PM</td>
<td>BB</td>
<td>Tyehimba Turner</td>
<td>Identifying Novel Metabolic Pathways Involved in Rebaudioside A Breakdown and Transport in Wild Type Microbes</td>
<td>CC-14</td>
</tr>
<tr>
<td>5:00 PM</td>
<td>AB</td>
<td>Janice Vicenty</td>
<td>MARCKS Peptide’s Phenylalanine Role in Sensing Membrane Curvature</td>
<td>CC-21</td>
</tr>
<tr>
<td>5:00 PM</td>
<td>SS</td>
<td>Vanessa Vieira</td>
<td>Investigating the Movement Prediction Function of the Cerebellum</td>
<td>CC-27</td>
</tr>
<tr>
<td>5:00 PM</td>
<td>SS</td>
<td>Kathleen Whiteley</td>
<td>What the Oral Tradition Means to Contemporary Indigenous Communities: Supporting a UNESCO Grant to Preserve Ojibwe First Nations’ Cultural Landscapes</td>
<td>CC-25</td>
</tr>
<tr>
<td>5:15 PM</td>
<td>SS</td>
<td>Devon Brunson</td>
<td>The Effect of Hearing Modality on Communication Outcomes: Bimodal Hearing versus Bilateral Cochlear Implantation</td>
<td>CC-23</td>
</tr>
<tr>
<td>Time</td>
<td>Location</td>
<td>Title</td>
<td>Speaker/Participants</td>
<td>Abstract/Title</td>
</tr>
<tr>
<td>--------</td>
<td>----------</td>
<td>----------------------------------------------------------------------</td>
<td>----------------------</td>
<td>--------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>5:15 PM</td>
<td>PE</td>
<td>The Unheard Voice: American Muslims Struggle for Political Inclusion</td>
<td>Tahirah Dean</td>
<td>Unveiling the Mechanisms of Race Perception: How Affective Priming Reveals the Effects of Individuation Training on Implicit Prejudice</td>
</tr>
<tr>
<td>5:15 PM</td>
<td>SS</td>
<td>Thought Speed, Depression, and Goal Pursuit</td>
<td>Reinalyn Echon</td>
<td>Thought Speed, Depression, and Goal Pursuit</td>
</tr>
<tr>
<td>5:15 PM</td>
<td>BB</td>
<td>Optimization of Beta-Cyclodextrin Binding to Lipofuscin in Retinal Pigment Epithelium</td>
<td>Shelby Goicochea</td>
<td>Optimization of Beta-CyclodextrinBinding to Lipofuscin in Retinal Pigment Epithelium</td>
</tr>
<tr>
<td>5:15 PM</td>
<td>BB</td>
<td>Determining the Presence of the Protein Seahorse in the Nucleus</td>
<td>Kristen Harris</td>
<td>Determining the Presence of the Protein Seahorse in the Nucleus</td>
</tr>
<tr>
<td>5:15 PM</td>
<td>AB</td>
<td>Determining the Interaction between CG11025 and dPKD2 in the S2 Cell Line</td>
<td>Sravanthi Koduri</td>
<td>Determining the Interaction between CG11025 and dPKD2 in the S2 Cell Line</td>
</tr>
<tr>
<td>5:15 PM</td>
<td>BB</td>
<td>Determining if Differences in the Catalytic Activity of Diacylglycerol kinase zeta and alpha Control the Suppression of ERK Phosphorylation in T cell Receptor Signaling</td>
<td>Melissa Lester</td>
<td>Determining if Differences in the Catalytic Activity of Diacylglycerol kinase zeta and alpha Control the Suppression of ERK Phosphorylation in T cell Receptor Signaling</td>
</tr>
<tr>
<td>5:15 PM</td>
<td>AB</td>
<td>The Role of Trim 2 Polymorphisms in Restricting Junin Infection</td>
<td>Allatah Mekile</td>
<td>The Role of Trim 2 Polymorphisms in Restricting Junin Infection</td>
</tr>
<tr>
<td>5:15 PM</td>
<td>BB</td>
<td>The Role of TIPE3 in Gut Epithelial Inflammation</td>
<td>Royce Onyimba</td>
<td>The Role of TIPE3 in Gut Epithelial Inflammation</td>
</tr>
<tr>
<td>5:15 PM</td>
<td>BB</td>
<td>Mechanisms of KATP Channel Endocytosis</td>
<td>Ramon Rodriguez</td>
<td>Mechanisms of KATP Channel Endocytosis</td>
</tr>
<tr>
<td>5:15 PM</td>
<td>HU</td>
<td>Reclaiming the Sun: Depictions of Female as Sexual and Mythical in Modern Japanese Literature</td>
<td>Sarah Wellington</td>
<td>Reclaiming the Sun: Depictions of Female as Sexual and Mythical in Modern Japanese Literature</td>
</tr>
<tr>
<td>5:30 PM</td>
<td>SS</td>
<td>The Relationship between Gender and Children's Nonverbal Communication</td>
<td>Emily Bancroft</td>
<td>The Relationship between Gender and Children's Nonverbal Communication</td>
</tr>
<tr>
<td>5:30 PM</td>
<td>BB</td>
<td>Activation of Strongyloides stercoralis Infective Third-stage Larvae by the cGMP analog 8-bromo-cGMP</td>
<td>Stephen Bart</td>
<td>Activation of Strongyloides stercoralis Infective Third-stage Larvae by the cGMP analog 8-bromo-cGMP</td>
</tr>
<tr>
<td>5:30 PM</td>
<td>AB</td>
<td>Characterization of COP1 in Gastrointestinal Stromal Tumor (GIST) Pathogenesis</td>
<td>Terri Bella</td>
<td>Characterization of COP1 in Gastrointestinal Stromal Tumor (GIST) Pathogenesis</td>
</tr>
<tr>
<td>5:30 PM</td>
<td>SS</td>
<td>The Effectiveness of Computer-Based Interventions for Depression: A Meta-Analysis</td>
<td>Angelica Frausto</td>
<td>The Effectiveness of Computer-Based Interventions for Depression: A Meta-Analysis</td>
</tr>
<tr>
<td>5:30 PM</td>
<td>BB</td>
<td>Structural Studies of CTCF</td>
<td>Lyanne Gomez</td>
<td>Structural Studies of CTCF</td>
</tr>
<tr>
<td>5:30 PM</td>
<td>AB</td>
<td>To Reach Fast or to Reach Slow? That is the Question</td>
<td>Darren Gordon</td>
<td>To Reach Fast or to Reach Slow? That is the Question</td>
</tr>
<tr>
<td>5:30 PM</td>
<td>BB</td>
<td>The Transcriptional Regulation of Interferon-Stimulated Genes: Elucidating the Mechanisms Involved at the Deacetylation Level</td>
<td>Ira Iosub</td>
<td>The Transcriptional Regulation of Interferon-Stimulated Genes: Elucidating the Mechanisms Involved at the Deacetylation Level</td>
</tr>
<tr>
<td>5:30 PM</td>
<td>AB</td>
<td>The Incidents of Radon Level on the Apsaalooke Reservation in Montana</td>
<td>Quinlyn Little Owl</td>
<td>The Incidents of Radon Level on the Apsaalooke Reservation in Montana</td>
</tr>
<tr>
<td>5:30 PM</td>
<td>AB</td>
<td>Characterizing Factors of the Melanoma Tumor Microenvironment Involved in Exhaustion of Natural Killer Cells</td>
<td>Tomas Mejome</td>
<td>Characterizing Factors of the Melanoma Tumor Microenvironment Involved in Exhaustion of Natural Killer Cells</td>
</tr>
<tr>
<td>5:30 PM</td>
<td>PE</td>
<td>The Invisible Hand on the American Dream: The IMF’s Influence Over Migration to the United States</td>
<td>Tyler Moroles</td>
<td>The Invisible Hand on the American Dream: The IMF’s Influence Over Migration to the United States</td>
</tr>
<tr>
<td>Time</td>
<td>Session</td>
<td>Name</td>
<td>Title</td>
<td>Location</td>
</tr>
<tr>
<td>-------</td>
<td>---------</td>
<td>--------------------</td>
<td>----------------------------------------------------------------------</td>
<td>----------</td>
</tr>
<tr>
<td>5:30 PM</td>
<td>SS</td>
<td>Cecelia Oparah</td>
<td>Race, Identity, and Transnational Connections among the Nigerian Second Generation</td>
<td>CC-24</td>
</tr>
<tr>
<td>5:30 PM</td>
<td>AB</td>
<td>Kelissa Shillingford</td>
<td>Inhibition of Calcineurin by DSCR1 Over-expression or Cyclosporin A and Their Effect on Proliferation via the ras Pathway</td>
<td>CC-17</td>
</tr>
<tr>
<td>5:30 PM</td>
<td>BB</td>
<td>Angelica Simmons</td>
<td>Changes in Expression of Equine Genes Involved in Laminitis Pathology</td>
<td>CC-13</td>
</tr>
<tr>
<td>5:45 PM</td>
<td>AB</td>
<td>Leonela Acosta</td>
<td>The Role of Nascent Polypeptide-Associated Complex in the Proliferation of the Dengue Virus</td>
<td>CC-17</td>
</tr>
<tr>
<td>5:45 PM</td>
<td>HU</td>
<td>Tiffany Bryan</td>
<td>Diabetes in the News: Examining how Media Coverage has Shaped African-American Conversations on Health Disparities</td>
<td>CC-27</td>
</tr>
<tr>
<td>5:45 PM</td>
<td>BB</td>
<td>Dina Dajani</td>
<td>Molecular Interactions of IQGAP2 and its Role inMechanosensing</td>
<td>CC-13</td>
</tr>
<tr>
<td>5:45 PM</td>
<td>SS</td>
<td>Taylor Davine</td>
<td>Examining the Relationship between Rumination and Perceived Stress among Ethnic Adolescent Females</td>
<td>CC-25</td>
</tr>
<tr>
<td>5:45 PM</td>
<td>HU</td>
<td>Hannah Kim</td>
<td>On the Philosophy of Time: Block Theory and Human Experience</td>
<td>CC-24</td>
</tr>
<tr>
<td>5:45 PM</td>
<td>PE</td>
<td>Lillie Lattimore</td>
<td>Why Did the United States Create a Unified Department of Homeland Security after 9/11?</td>
<td>CC-26</td>
</tr>
<tr>
<td>5:45 PM</td>
<td>AB</td>
<td>Laura Leung</td>
<td>Development of a Rapid Quantification Assay to Measure Target Inhibition in MPN Patient Samples</td>
<td>CC-21</td>
</tr>
<tr>
<td>5:45 PM</td>
<td>AB</td>
<td>Marianne Ligon</td>
<td>In Vitro Tools for Identifying SFB Signals that Stimulate Th17 Cell Development</td>
<td>CC-12</td>
</tr>
<tr>
<td>5:45 PM</td>
<td>AB</td>
<td>Tamir Mickens</td>
<td>The role of TRPV4 in the Development and Injury of Fetal Type II Epithelial Cells Exposed to Mechanical Stretch</td>
<td>CC-14</td>
</tr>
<tr>
<td>5:45 PM</td>
<td>BB</td>
<td>Conor Murphy</td>
<td>Analysis of the J alpha-C alpha Introns Function in Transgenic Mice</td>
<td>CC-15</td>
</tr>
<tr>
<td>5:45 PM</td>
<td>BB</td>
<td>Osaze Udeagbala</td>
<td>Real-Time Single-Molecule Visualization of Prokaryotic Transcriptional Regulation</td>
<td>CC-11</td>
</tr>
<tr>
<td>5:45 PM</td>
<td>AB</td>
<td>Diana Yusim</td>
<td>Tri-Institutional MD-PhD Program at Weill Cornell/Rockefeller/Sloan-Kettering: Outcome Analysis at 40 Years after Inception</td>
<td>CC-23</td>
</tr>
</tbody>
</table>
## Oral Presentations by Room

### CC- 11, AB/BB

**Zakiya Whatley, Duke University, 11:15 - 12:30**

<table>
<thead>
<tr>
<th>Presenter</th>
<th>Title</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Juan Rivera Correa</td>
<td>Interferon-stimulated Genes Restrict Replication of Human Rhinoviruses</td>
<td>11:15 AM</td>
</tr>
<tr>
<td>Stephanie Christie</td>
<td>Analyzing the Genetic Variability and Reverse Transcriptase Drug Resistance Mutations in HIV-1 Infected Individuals in Yaounde, Cameroon</td>
<td>11:30 AM</td>
</tr>
<tr>
<td>Alexander Vega</td>
<td>HIV-2 Nucleocapsid Protein</td>
<td>11:45 AM</td>
</tr>
<tr>
<td>Dalila Ordonez</td>
<td>Potential Antioxidant Effects of SDG Treatment on HIV-mediated Neurotoxicity</td>
<td>12:00 PM</td>
</tr>
<tr>
<td>Nathan Lo</td>
<td>Immune Complex Vaccine for the Production of Broad Neutralizing Antibodies Against HIV</td>
<td>12:15 PM</td>
</tr>
<tr>
<td>Mateo Hernandez</td>
<td>Investigation of the HIV-2 5’-Untranslated Region</td>
<td>12:30 PM</td>
</tr>
</tbody>
</table>

### CC- 11, AB/BB

**John Dankart, New York University Sackler Institute, 2:45 - 4:00**

<table>
<thead>
<tr>
<th>Presenter</th>
<th>Title</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Guillaume Roubaix</td>
<td>Implication of HPIP in the Chromosome Segregation</td>
<td>2:45 PM</td>
</tr>
<tr>
<td>Kristin Ha</td>
<td>Localization of the Telomerase RNA in Human Cells</td>
<td>3:00 PM</td>
</tr>
<tr>
<td>Talia Guardia</td>
<td>Analyzing the Mutations in the TBX5 Gene in Patients with Holt-Oram Syndrome</td>
<td>3:15 PM</td>
</tr>
<tr>
<td>Oluremi Ojo</td>
<td>Alternative Lengthening of Telomeres in Embryonic Development</td>
<td>3:30 PM</td>
</tr>
<tr>
<td>Jie Bin Liu</td>
<td>Identification of Clock-controlled mRNAs that Regulate Elosion Rhythm in the Prothoracic Gland of Drosophila melanogaster</td>
<td>3:45 PM</td>
</tr>
<tr>
<td>Tommaso Lucchesi</td>
<td>Impact of Sister Chromatid Cohesion in Telomeric Function in u2os Cells</td>
<td>4:00 PM</td>
</tr>
</tbody>
</table>

### CC- 11, AB/BB

**Teresa Ramirez, Brown University, 4:45 - 5:45**

<table>
<thead>
<tr>
<th>Presenter</th>
<th>Title</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Robert Gutierrez</td>
<td>Quantitative Measurement of Live Cells and Their Gene Expression</td>
<td>4:45 PM</td>
</tr>
<tr>
<td>Hugo Jenab</td>
<td>An Investigation of Post-Menopausal Cardiovascular Illness through Quantification of Neural Capillaries</td>
<td>5:00 PM</td>
</tr>
<tr>
<td>Rukhinda Maqsood</td>
<td>Construction of a Constitutive PolIII Vector for Mediating RNA Interference of Developmental Genes in Dictyostelium discoideum</td>
<td>5:15 PM</td>
</tr>
<tr>
<td>Ira Iosub</td>
<td>The Transcriptional Regulation of Interferon-Stimulated Genes: Elucidating the Mechanisms Involved at the Deacetylation Level</td>
<td>5:30 PM</td>
</tr>
<tr>
<td>Osaze Udeagbala</td>
<td>Real-Time Single-Molecule Visualization of Prokaryotic Transcriptional Regulation</td>
<td>5:45 PM</td>
</tr>
</tbody>
</table>

### CC- 12, AB/BB

**Carlos Vera, University of Colorado Boulder, 11:15 - 12:30**

<table>
<thead>
<tr>
<th>Presenter</th>
<th>Title</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>April Sosa</td>
<td>Severe Traumatic Brain Injury in Rats Affects Markers of Memory Maintenance and Neurodegeneration</td>
<td>11:15 AM</td>
</tr>
<tr>
<td>Sarah Lund</td>
<td>Induction of Toll-Like Receptor 9 Signaling as a Method for Ameliorating Neuropathology in an Alzheimer’s Disease Mouse Model</td>
<td>11:30 AM</td>
</tr>
<tr>
<td>Matthew Rollins</td>
<td>Effect of SIV in the Brain: Impact of SIV Infection on Neurogenesis in a Pediatric Rhesus Macaque Model</td>
<td>11:45 AM</td>
</tr>
<tr>
<td>Titilayo Afolabi</td>
<td>Effect of Reactive Oxygen Species on TRPM2 Channel in Leading to Alzheimer’s Disease</td>
<td>12:00 PM</td>
</tr>
<tr>
<td>Danielle Miyagishima</td>
<td>Temporal Differentiation of Neocortical Interneuron Progenitor Cells</td>
<td>12:15 PM</td>
</tr>
<tr>
<td>Joshua Moore</td>
<td>Determining Cellular Localization of hTDP-43 during Beta-amyloid Plaque Formation</td>
<td>12:30 PM</td>
</tr>
</tbody>
</table>
## CC-12, AB/BB
### Monique Foster, New York University, 2:45 - 4:00

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kafi Friday</td>
<td>The Effect of Prenatal Maternal Immune Activation on Inhibitory Network Activity in Adult Offspring Medial Prefrontal Cortex</td>
<td>2:45 PM</td>
</tr>
<tr>
<td>Jesus Ayala</td>
<td>CRH and TRH Expression and Methylation in Preterm Placenta</td>
<td>3:00 PM</td>
</tr>
<tr>
<td>Juan Lopez</td>
<td>Characterization of the Kinetics of Mutant T178I in Embryonic Myosin</td>
<td>3:15 PM</td>
</tr>
<tr>
<td>Mikki Mesfin</td>
<td>Localizing Expression of c-myb Within the Embryonic Brain</td>
<td>3:30 PM</td>
</tr>
<tr>
<td>Christian Capanna</td>
<td>Effective Osteopontin Concentration for Hydroxyapatite Seeded Growth Inhibition and Its Relative Binding Affinity</td>
<td>3:45 PM</td>
</tr>
<tr>
<td>Jamal Bryant</td>
<td>Measuring Cytosolic Zn Ion Concentrations in Pancreatic Cancer Cells using Genetically Encoded Fluorescent Sensors</td>
<td>4:00 PM</td>
</tr>
</tbody>
</table>

## CC-12, AB/BB
### Nicole Ramsey, Weill Cornell Medical College, 4:45 - 5:45

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yoelkys Morales</td>
<td>T-Cell Exhaustion in DBA/2 and BALB/c Mice after Infection with Babesia Microti</td>
<td>4:45 PM</td>
</tr>
<tr>
<td>Maria Bottermann</td>
<td>Characterizing Natural Killer Cell Exhaustion Using an In-vitro Model to Mimic the Environment of Metastatic Melanoma</td>
<td>5:00 PM</td>
</tr>
<tr>
<td>Melissa Lester</td>
<td>Determining if Differences in the Catalytic Activity of Diacylglycerol kinase zeta and alpha Control the Suppression of ERK Phosphorylation in T cell Receptor Signaling</td>
<td>5:15 PM</td>
</tr>
<tr>
<td>Tomas Meijome</td>
<td>Characterizing Factors of the Melanoma Tumor Microenvironment Involved in Exhaustion of Natural Killer Cells</td>
<td>5:30 PM</td>
</tr>
<tr>
<td>Marianne Ligon</td>
<td>In vitro Tools for Identifying SFB Signals that Stimulate Th17 Cell Development</td>
<td>5:45 PM</td>
</tr>
</tbody>
</table>

## CC-13, AB/BB
### Noelle Hutchins, Brown University, 11:15 - 12:30

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jessica Cardenas</td>
<td>Survivin's Role in the Regulated Secretory Pathway for Insulin</td>
<td>11:15 AM</td>
</tr>
<tr>
<td>Christopher Ecker</td>
<td>Tumor Suppressor APC's Regulation of GSK-3</td>
<td>11:30 AM</td>
</tr>
<tr>
<td>Brian Mbamelu</td>
<td>A Role for Notch in Traf6 Regulation</td>
<td>11:45 AM</td>
</tr>
<tr>
<td>Melissa Spear</td>
<td>The Role of Leucine-Rich Repeat (in Flightless I) Interacting Protein-1 in the Wnt/β-catenin Pathway</td>
<td>12:00 PM</td>
</tr>
<tr>
<td>Blake Scott</td>
<td>Barx1 and Wnt Signaling: The Characterization of a Homeobox Gene in Gastric Carcinogenesis</td>
<td>12:15 PM</td>
</tr>
<tr>
<td>Emilio Soto</td>
<td>Epigenetic Regulation of Notch Signaling</td>
<td>12:30 PM</td>
</tr>
</tbody>
</table>

## CC-13, AB/BB
### Angel Byrd, Brown University, 2:45 - 4:00

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gabriel Marrero</td>
<td>Characterization of Tau Autoantibodies in Human Plasma</td>
<td>2:45 PM</td>
</tr>
<tr>
<td>Rachel Rudlaff</td>
<td>Malarial Anemia: The Role of Homeostasis and Autoimmunity</td>
<td>3:00 PM</td>
</tr>
<tr>
<td>Leslie Brown</td>
<td>An Examination of Cortisol and Rumination in Pregnant Women</td>
<td>3:15 PM</td>
</tr>
<tr>
<td>Davis Anugo</td>
<td>Translational Control in the Mammalian Circadian Clock</td>
<td>3:30 PM</td>
</tr>
<tr>
<td>Varun Patel</td>
<td>Intra-Subject Variability in Attention-Deficit Hyperactivity Disorder</td>
<td>3:45 PM</td>
</tr>
<tr>
<td>Shiying Lu</td>
<td>Does Mediator Complex Subunit 12 Have a Regulatory Role in Hematopoietic Stem Cell Differentiation?</td>
<td>4:00 PM</td>
</tr>
</tbody>
</table>
### CC-13, AB/BB
Karishma Rahman, New York University, 4:45 - 5:45

<table>
<thead>
<tr>
<th>Speaker</th>
<th>Title</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adam Ross</td>
<td>Modifications of Conserved Lysine and Serine Residues Contribute to the Regulatory Activities of Nkx2.2</td>
<td>4:45 PM</td>
</tr>
<tr>
<td>Janae Baptiste</td>
<td>Gene Cloning and Protein Expression of Myristylated Wildtype FIV Matrix Protein Using Human N-myristyl transferase</td>
<td>5:00 PM</td>
</tr>
<tr>
<td>Kristen Harris</td>
<td>Determining the Presence of the Protein Seahorse in the Nucleus</td>
<td>5:15 PM</td>
</tr>
<tr>
<td>Angelica Simmons</td>
<td>Changes in Expression of Equine Genes Involved in Laminitis Pathology</td>
<td>5:30 PM</td>
</tr>
<tr>
<td>Dina Dajani</td>
<td>Molecular Interactions of IQGAP2 and its Role in Mechanosensing</td>
<td>5:45 PM</td>
</tr>
</tbody>
</table>

### CC-14, AB/BB
Sophia Gayle, Yale University, 11:15 - 12:30

<table>
<thead>
<tr>
<th>Speaker</th>
<th>Title</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dan Li</td>
<td>SPINK1 Expression in Prostate Cancers and Its Effects on Other Transcriptions Factors</td>
<td>11:15 AM</td>
</tr>
<tr>
<td>Isabel Hinestrosa</td>
<td>Effect of mTORC1/2 Inhibition on T Lymphocyte Responses in a Breast Cancer Mouse Model</td>
<td>11:30 AM</td>
</tr>
<tr>
<td>Michael Okoreeh</td>
<td>Optimizing Biomarkers to Identify MTAP Deficiency in Cancer</td>
<td>11:45 AM</td>
</tr>
<tr>
<td>Obed Agyei</td>
<td>Signaling of CCL7 and Its Receptors in the Lung Cancer Progression</td>
<td>12:00 PM</td>
</tr>
<tr>
<td>Zollie White III</td>
<td>Cross-Regulation of Activin A and TGF-beta in Breast Cancer</td>
<td>12:15 PM</td>
</tr>
<tr>
<td>Melanie Santos-Marrero</td>
<td>Does TGF-beta Inhibition Increase Immunogenic Cell Death in Irradiated Cancer Cells?</td>
<td>12:30 PM</td>
</tr>
</tbody>
</table>

### CC-14, AB/BB
Princess Gilbert, UCLA, 2:45 - 4:00

<table>
<thead>
<tr>
<th>Speaker</th>
<th>Title</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kevin Alicea Torres</td>
<td>Identification and Characterization of Contact-Dependent Interactions in Platelets</td>
<td>2:45 PM</td>
</tr>
<tr>
<td>Nilsa Jenkins Luna</td>
<td>Investigating the Regulatory Role of MicroRNAs in the Life Span of C. elegans</td>
<td>3:00 PM</td>
</tr>
<tr>
<td>Sarah Leone</td>
<td>Analysis of Midbody Remnant Internalization During Caenorhabditis elegans Embryogenesis</td>
<td>3:15 PM</td>
</tr>
<tr>
<td>Joshua Kogan</td>
<td>Caenorhabditis elegans as a Model for Inducing Cell Death in Germline Tumors</td>
<td>3:30 PM</td>
</tr>
<tr>
<td>Claudia Lanauze</td>
<td>Saturation Screens to Uncover Genes that Affect Excretory (Renal) Tube Development in C. elegans</td>
<td>3:45 PM</td>
</tr>
<tr>
<td>Jorge Rosario</td>
<td>Development of Novel RNA Delivery Method via Self-Assembled Nanopieces</td>
<td>4:00 PM</td>
</tr>
</tbody>
</table>

### CC-14, AB/BB
Kathia Cordero, Loma Linda University, 4:45 - 5:45

<table>
<thead>
<tr>
<th>Speaker</th>
<th>Title</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hudson Stoner</td>
<td>Gamma Sarcoglycan-mediated Signal Transduction in Skeletal Muscle</td>
<td>4:45 PM</td>
</tr>
<tr>
<td>Tyehimba Turner</td>
<td>Identifying Novel Metabolic Pathways Involved in Rebaudioside A Breakdown and Transport in Wild Type Microbes</td>
<td>5:00 PM</td>
</tr>
<tr>
<td>Ramon Rodriguez</td>
<td>Mechanisms of KATP Channel Endocytosis</td>
<td>5:15 PM</td>
</tr>
<tr>
<td>Lyanne Gomez</td>
<td>Structural Studies of CTCF</td>
<td>5:30 PM</td>
</tr>
<tr>
<td>Tamir Mickens</td>
<td>The Role of TRPV4 in the Development and Injury of Fetal Type II Epithelial Cells Exposed to Mechanical Stretch</td>
<td>5:45 PM</td>
</tr>
</tbody>
</table>
### CC-15, AB/BB
**Mitra Miri, Yale University, 11:15 - 12:30**

<table>
<thead>
<tr>
<th>Time</th>
<th>Name</th>
<th>Title</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:15 AM</td>
<td>Marcos Villarreal</td>
<td>How Mycobacterium vaccae May Cure Chronic Depression</td>
<td>11:15 AM</td>
</tr>
<tr>
<td>11:30 AM</td>
<td>Brian Brown</td>
<td>Presence of a Putative Virulence Factor, sasX, in Methicillin-Resistant Staphylococcus aureus from Nosocomial Pneumonia</td>
<td>11:30 AM</td>
</tr>
<tr>
<td>11:45 AM</td>
<td>Xiang Liu</td>
<td>Elucidating how Staphylococcus aureus Leukotoxin AB Targets and Kills Mammalian Cell through Structure-function Analysis</td>
<td>11:45 AM</td>
</tr>
<tr>
<td>12:00 PM</td>
<td>Anthony Scruse</td>
<td>An Exploration of Peptidomimicry by an Antibacterial Natural Product</td>
<td>12:00 PM</td>
</tr>
<tr>
<td>12:15 PM</td>
<td>Lina Sanchez</td>
<td>Survival of Host-Passaged Vibrio cholerae Under Various Stress Conditions</td>
<td>12:15 PM</td>
</tr>
<tr>
<td>12:30 PM</td>
<td>Cristhian Cadena</td>
<td>Detection of Defective Interfering (DI) Particles of Bovine Respiratory Syncytial Virus (BRSV), Canine Distemper Virus (CDV), and Sendai Virus (SeV) in Lung Tissues</td>
<td>12:30 PM</td>
</tr>
</tbody>
</table>

### CC-15, AB/BB
**Ciara Torres, Columbia University, 2:45 - 4:00**

<table>
<thead>
<tr>
<th>Time</th>
<th>Name</th>
<th>Title</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:45 PM</td>
<td>Jessica Morgan</td>
<td>The Kinesin II Family Motor Protein, KIF17, Contributes to Microtubule Stabilization and Actin Polymerization in Epithelial Cells</td>
<td>2:45 PM</td>
</tr>
<tr>
<td>3:00 PM</td>
<td>Nelson LaMarche</td>
<td>Characterization of Myosin Dynamics in a Drosophila Germband Extension Mutant</td>
<td>3:00 PM</td>
</tr>
<tr>
<td>3:15 PM</td>
<td>Danielle Cicka</td>
<td>The Overexpression of the Myopathic Matrin-3 S85C Mutant in C2C12 Myogenic Cells</td>
<td>3:15 PM</td>
</tr>
<tr>
<td>3:30 PM</td>
<td>Marimar Benitez</td>
<td>Exploiting 89Zr-transferrin PET as a Biomarker of Response to Therapies that Inhibit MYC Function</td>
<td>3:30 PM</td>
</tr>
<tr>
<td>3:45 PM</td>
<td>Ashley Diaz</td>
<td>The Role of Presenilin-1 (PSEN-1) in Surfactant Production in Type II Lung Epithelial Cells</td>
<td>3:45 PM</td>
</tr>
<tr>
<td>4:00 PM</td>
<td>Nicholas Hernandez</td>
<td>Localization and Trafficking of Phosphorylated BACE1 in the Endocytic Pathway</td>
<td>4:00 PM</td>
</tr>
</tbody>
</table>

### CC-15, AB/BB
**Katie Litts, University of Alabama-Birmingham, 4:45 - 5:45**

<table>
<thead>
<tr>
<th>Time</th>
<th>Name</th>
<th>Title</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>4:45 PM</td>
<td>Niambi Brewer</td>
<td>Identification of Additional Lipid Regulators that Contribute to Primordial Germ Cell Migration in Drosophila</td>
<td>4:45 PM</td>
</tr>
<tr>
<td>5:00 PM</td>
<td>Anthony Kronfli</td>
<td>The Role of Glucocorticoid and BDNF Crosstalk in Regulating Serotonin Receptor Expression</td>
<td>5:00 PM</td>
</tr>
<tr>
<td>5:15 PM</td>
<td>Shelby Goicochea</td>
<td>Optimization of Beta-Cyclodextrin Binding to Lipofuscin in Retinal Pigment Epithelium</td>
<td>5:15 PM</td>
</tr>
<tr>
<td>5:30 PM</td>
<td>Stephen Bart</td>
<td>Activation of Strongyloides stercoralis Infective Third-stage Larvae by the cGMP analog 8-bromo-cGMP</td>
<td>5:30 PM</td>
</tr>
<tr>
<td>5:45 PM</td>
<td>Conor Murphy</td>
<td>Analysis of the J alpha-C alpha Introns Function in Transgenic Mice</td>
<td>5:45 PM</td>
</tr>
<tr>
<td>Speaker</td>
<td>Title</td>
<td>Time</td>
<td></td>
</tr>
<tr>
<td>-------------------------</td>
<td>-----------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
<td>------------</td>
<td></td>
</tr>
<tr>
<td>David Leon</td>
<td>Gastric Band Release Rapidly Impacts Eating Behavior, Satiety Hormones and Weight</td>
<td>11:15 AM</td>
<td></td>
</tr>
<tr>
<td>Jorge Zarate Rodriguez</td>
<td>Sub-therapeutic Antibiotic Treatment and High Fat Diet Alter Murine Body Composition</td>
<td>11:30 AM</td>
<td></td>
</tr>
<tr>
<td>Anthony Rivera</td>
<td>Survey of Time Budgeting and Feeding Preferences in Black-tailed Prairie Dogs</td>
<td>11:45 AM</td>
<td></td>
</tr>
<tr>
<td>Daniel Latimer</td>
<td>Loss of Anthrax Toxin Receptors in Mice leads to Deficient MT1-MMP Activity and may cause Failure to Thrive due to Defective Gastrointestinal Function</td>
<td>12:00 PM</td>
<td></td>
</tr>
<tr>
<td>Emmanuel Quaidoo</td>
<td>Optogenetic Stimulation of the BNST in Mice Induces Feeding</td>
<td>12:15 PM</td>
<td></td>
</tr>
<tr>
<td>Stephanie Ortiz</td>
<td>cFos Immunoreactivity as a Result of Maternal Malnutrition and Stress</td>
<td>12:30 PM</td>
<td></td>
</tr>
<tr>
<td>Amanda Buch</td>
<td>Understanding the Role of Rab-3 in Synaptic Vessel Exocytosis</td>
<td>2:45 PM</td>
<td></td>
</tr>
<tr>
<td>Joseph Behnke</td>
<td>The Effects of Ketamine on Synaptic Plasticity</td>
<td>3:00 PM</td>
<td></td>
</tr>
<tr>
<td>Netanel Ghatan</td>
<td>In Search of Neural Syntax in the Hippocampus</td>
<td>3:15 PM</td>
<td></td>
</tr>
<tr>
<td>Felix Reyes</td>
<td>Temporal Variables in Dopaminergic-mediated Plasticity of Auditory Cortical Circuits</td>
<td>3:30 PM</td>
<td></td>
</tr>
<tr>
<td>Patricia Mae Santos</td>
<td>Identifying RNA Sequestered by Pathologic TDP43 in Frontotemporal Lobar Dementia and Amyotrophic Lateral Sclerosis</td>
<td>3:45 PM</td>
<td></td>
</tr>
<tr>
<td>Stacy Christopher</td>
<td>The Role Of FGF8 and FGFR1 in Mouse Hypothalamic Development</td>
<td>4:00 PM</td>
<td></td>
</tr>
<tr>
<td>Christy Taylor</td>
<td>An Investigation of the Molecular and Mechanical Regulation of Cell Migration in Drosophila</td>
<td>4:45 PM</td>
<td></td>
</tr>
<tr>
<td>Maria Jones</td>
<td>Multimodal Control of Orientation Under Conditions of Toxicity in Bullfrog Tadpoles</td>
<td>5:00 PM</td>
<td></td>
</tr>
<tr>
<td>Royce Onyimba</td>
<td>The Role of TIPE3 in Gut Epithelial Inflammation</td>
<td>5:15 PM</td>
<td></td>
</tr>
<tr>
<td>Quinlyn Little Owl</td>
<td>The Incidents of Radon Level on the Apsaalooke Reservation in Montana</td>
<td>5:30 PM</td>
<td></td>
</tr>
<tr>
<td>Stephanie Rivera</td>
<td>The Role of HDAC6 on Cigarette Smoke–Induced Endothelial Barrier Dysfunction and Deacetylation of a-Tubulin</td>
<td>11:15 AM</td>
<td></td>
</tr>
<tr>
<td>Roderick King</td>
<td>The Role of PKMzeta in the Reinstatement of Cocaine Seeking</td>
<td>11:30 AM</td>
<td></td>
</tr>
<tr>
<td>Jordan Encarnacion</td>
<td>Sex Differences in FosB Expression after Acute Administration of Cocaine, Methamphetamine, and Cannabinoids (WIN-55) in the Prefrontal Cortex of Rats</td>
<td>11:45 AM</td>
<td></td>
</tr>
<tr>
<td>Estee Rubien-Thomas</td>
<td>Cognitive and Neuroplastic Effects of Chronic Morphine and Morphine Withdrawal in Mice</td>
<td>12:00 PM</td>
<td></td>
</tr>
<tr>
<td>Emily Fernández García</td>
<td>Characterization of a4b2 and a7 nAChRs as Therapeutic Targets for the Development of Nicotine Cessation Treatments that Alleviate Anxiety During Withdrawal</td>
<td>12:15 PM</td>
<td></td>
</tr>
<tr>
<td>Aparecio Peggins</td>
<td>Cocaine Use Reduction with Buprenorphine - CURB</td>
<td>12:30 PM</td>
<td></td>
</tr>
<tr>
<td>Room</td>
<td>Time</td>
<td>Speaker</td>
<td>Title</td>
</tr>
<tr>
<td>--------------</td>
<td>---------------</td>
<td>--------------------------</td>
<td>-------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>CC-17, AB/BB</td>
<td>2:45 PM</td>
<td>Rachel Foster</td>
<td>Hippocampal Brain-Derived Neurotrophic Factor Expression in Response to Alcohol Consumption and Voluntary Exercise</td>
</tr>
<tr>
<td></td>
<td>3:00 PM</td>
<td>Gina Calco</td>
<td>Distinct and Additive Contributions of Thiamine Deficiency in an Experimental Model of Alcohol-Related Neurodegeneration</td>
</tr>
<tr>
<td></td>
<td>3:15 PM</td>
<td>Jonathan Cohen</td>
<td>Ethanol Inhibition of Adenylate Cyclase Decreases the Phosphorylation State of Alpha 7 Nicotinic Acetylcholine Receptors</td>
</tr>
<tr>
<td></td>
<td>3:30 PM</td>
<td>Rebecca Betances</td>
<td>MiRNA-17-92 Cluster Controls the Differentiation of Subcerebral Projection Neurons by Targeting Transcription Factor Ctip2</td>
</tr>
<tr>
<td></td>
<td>3:45 PM</td>
<td>Veronica Parra</td>
<td>The Identification of Inhibitory Beta-Amyloid Compounds Using a High-Throughput Assay</td>
</tr>
<tr>
<td></td>
<td>4:00 PM</td>
<td>Clara Woods</td>
<td>Effects of Hypertension on the Subcellular Density of the NMDA Receptor in Corticotropin Releasing Factor Type 1 Receptor Containing Neurons in the Mouse Rostral Ventrolateral Medulla</td>
</tr>
<tr>
<td></td>
<td>4:45 PM</td>
<td>Martha Dua-Awereh</td>
<td>Activation of STAT-5 by the Extracellular Factor Neuromedin U is JAK2-dependent</td>
</tr>
<tr>
<td></td>
<td>5:00 PM</td>
<td>William Marrero Ortiz</td>
<td>Synthesis of Fluorescent Choline Kinase Inhibitors</td>
</tr>
<tr>
<td></td>
<td>5:15 PM</td>
<td>Allatah Mekile</td>
<td>The Role of Trim 2 Polymorphisms in Restricting Junin Infection</td>
</tr>
<tr>
<td></td>
<td>5:30 PM</td>
<td>Kelissa Shillingford</td>
<td>Inhibition of Calcineurin by DSCR1 Over-expression or Cyclosporin A and Their Effect on Proliferation via the ras Pathway</td>
</tr>
<tr>
<td></td>
<td>5:45 PM</td>
<td>Leonela Acosta</td>
<td>The Role of Nascent Polypeptide-Associated Complex in the Proliferation of the Dengue Virus</td>
</tr>
<tr>
<td></td>
<td>11:15 AM</td>
<td>Johanna Nifosi</td>
<td>Measuring Immune Development in Larval Amphibians to Understand Age-Dependent Susceptibility to Infection by Riberoia ondatrae (Class Trematoda)</td>
</tr>
<tr>
<td></td>
<td>11:30 AM</td>
<td>Legna Figueroa-Cosme</td>
<td>Formation of Silver Secondary Particles in Solution Phase</td>
</tr>
<tr>
<td></td>
<td>11:45 AM</td>
<td>Candy Reid</td>
<td>Design and Fabrication of a High Throughput Combinatorial Electrochemical Testing System</td>
</tr>
<tr>
<td></td>
<td>12:00 PM</td>
<td>Christian Hernandez</td>
<td>Centrifuge Testing to Evaluate Seismic Lateral Earth Pressures on Buried Reservoirs</td>
</tr>
<tr>
<td></td>
<td>12:15 PM</td>
<td>Peter Vitale</td>
<td>Chemistry of Graphene Oxide</td>
</tr>
<tr>
<td></td>
<td>12:30 PM</td>
<td>Jade Bing</td>
<td>Application of PCET Towards the Formation of Radical Intermediates and Carbon-carbon Bonds</td>
</tr>
<tr>
<td></td>
<td>2:45 PM</td>
<td>Kaitlyn Jeanis</td>
<td>A Study of MS2 Molecular Damage Due to Wavelength Specific UV Irradiation</td>
</tr>
<tr>
<td></td>
<td>3:00 PM</td>
<td>Julie Walker</td>
<td>A Fingertip Haptic Feedback Device for Remote Palpation with a BioTac Sensor</td>
</tr>
<tr>
<td></td>
<td>3:15 PM</td>
<td>Sandya Lakkar</td>
<td>Data Mining of the Human Microbiome</td>
</tr>
<tr>
<td></td>
<td>3:30 PM</td>
<td>Megan Cherry</td>
<td>Integrated Network Approaches to Understanding Indirect Transcription Factor Interactions Associated with Variants of the Mediator Complex</td>
</tr>
<tr>
<td></td>
<td>3:45 PM</td>
<td>Candace Ghent</td>
<td>Exploring the Mediator Complex using Functional Similarity of Proteins</td>
</tr>
<tr>
<td></td>
<td>4:00 PM</td>
<td>Arnaud Konan</td>
<td>Analysis of Spatial Correlation in Shotgun Cellular System</td>
</tr>
<tr>
<td>CC-21, AB/BB</td>
<td>Jennifer Stetler, University of Missouri-Columbia, 4:45 - 5:45</td>
<td></td>
<td></td>
</tr>
<tr>
<td>---</td>
<td>---</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jaimie Stewart</td>
<td>Enzyme-Degradable Hydrogel System Modeled by Microparticles</td>
<td>4:45 PM</td>
<td></td>
</tr>
<tr>
<td>Janice Vicenty</td>
<td>MARCKS Peptide's Phenylalanine Role in Sensing Membrane Curvature</td>
<td>5:00 PM</td>
<td></td>
</tr>
<tr>
<td>Sravanthi Koduri</td>
<td>Determining the Interaction between CGI11025 and dPKD2 in the S2 Cell Line</td>
<td>5:15 PM</td>
<td></td>
</tr>
<tr>
<td>Terri Bella</td>
<td>Characterization of COP1 in Gastrointestinal Stromal Tumor (GIST) Pathogenesis</td>
<td>5:30 PM</td>
<td></td>
</tr>
<tr>
<td>Laura Leung</td>
<td>Development of a Rapid Quantification Assay to Measure Target Inhibition in MPN Patient Samples</td>
<td>5:45 PM</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CC-22, PS/EN/ES</th>
<th>David Stout, Brown University, 11:15 - 12:30</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brittany Rauzan</td>
<td>Soft Nanoimprint Lithography Using Bulk Metallic Glass for Fabrication of Polymer-Based Solar Cells with Enhanced Performance</td>
</tr>
<tr>
<td>Marc Castro</td>
<td>Traveling-Wave Metal-Insulator-Metal Diode for Terahertz Conversion</td>
</tr>
<tr>
<td>Ivan Bukreyev</td>
<td>Structure and Ordering of Nickelate Superlattices</td>
</tr>
<tr>
<td>Mark Davis</td>
<td>Imaging Monolayer ZrO2 on a Si Substrate</td>
</tr>
<tr>
<td>Benjamin Pollak</td>
<td>Nonpolymorphic Phase Transitions in Bulk Metallic Glasses</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CC-22, PS/EN/ES</th>
<th>Joslynn Lee, Northeastern University, 2:45 - 4:00</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elena Baluyut</td>
<td>Using InSAR to Analyze the Effects of Oil Extraction on Kuparuk Oil Field</td>
</tr>
<tr>
<td>Alex Holness</td>
<td>Tracking Humans during Flocking Experiments: Determining Leadership and How it Relates to Centrality Measures</td>
</tr>
<tr>
<td>Dante' Johnson</td>
<td>Activate Your Anxiety Network</td>
</tr>
<tr>
<td>LaTonya Simon</td>
<td>Directing Motor Axon Outgrowth Using Hydrogels</td>
</tr>
<tr>
<td>Emile Vieta</td>
<td>Silver Nanoparticle-based Imaging Agents for Breast X-ray Imaging</td>
</tr>
<tr>
<td>Christopher Duncan-Lewis</td>
<td>Cell Viability and Morphology on Nanopatterned Bulk Metallic Glass Surfaces</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CC-22, HU/SS/PE</th>
<th>Teresa Nguyen, University of Michigan-Ann Arbor, 4:45 - 5:00</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carlos Puentes</td>
<td>Predicting the Benefit of Antidepressant Medication Relative to Placebo Using Patient Characteristics</td>
</tr>
<tr>
<td>Joseph Leshin</td>
<td>Exercise and Psychological Inertia</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CC-23, PS/EN/ES</th>
<th>Cristina Lopez-Fagundo, Brown University, 11:15 - 12:30</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elvia Cortes</td>
<td>Modular BoxWing UAV</td>
</tr>
<tr>
<td>Rene Farfan</td>
<td>Realization of Periodic Metamaterials to Practical Three-Dimensional Structures</td>
</tr>
<tr>
<td>Javier Barranco</td>
<td>Image Quality Assessment For Compress Sensing Reconstruction</td>
</tr>
<tr>
<td>Tashalee Billings</td>
<td>Using CMB Polarization to Trace E-Fields and B-Fields</td>
</tr>
<tr>
<td>Mamikon Gulian</td>
<td>Well-posedness for a Perturbed KdV Equation</td>
</tr>
<tr>
<td>Noor Tell</td>
<td>Calculating Surface Area of Fractal Bacterial Flocs</td>
</tr>
</tbody>
</table>
### CC-23, AB/BB

**Nyamekye Obeng-Adjei, University of Pennsylvania, 2:45 - 3:45**

<table>
<thead>
<tr>
<th>Presenter</th>
<th>Title</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kelsey Maness</td>
<td>Mechanism of Inflammasome Stimulation by Listeria monocytogenes in Human Myeloid Dendritic Cells</td>
<td>2:45 PM</td>
</tr>
<tr>
<td>Kristy Mungal</td>
<td>Non-Invasive in vivo Imaging of a Subcutaneous Melanoma Model Provides an In-depth View of Tumor Growth Dynamics</td>
<td>3:00 PM</td>
</tr>
<tr>
<td>Krystina Quow</td>
<td>Sperm Cell Transfer and Automated Sperm Search Using Laser Microdissection</td>
<td>3:15 PM</td>
</tr>
<tr>
<td>Charrise Ramkissoon</td>
<td>Validation of IVIM-DWI Diffusion Parameters through Histology Quantification</td>
<td>3:30 PM</td>
</tr>
<tr>
<td>Lizzette Castillo</td>
<td>Hi-Fidelity Recovery of Bioaerosols DNA</td>
<td>3:45 PM</td>
</tr>
</tbody>
</table>

### CC-23, AB/BB

**Kelsey Kelly, University of Virginia, 4:45 - 5:45**

<table>
<thead>
<tr>
<th>Presenter</th>
<th>Title</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isaiah Sypher</td>
<td>Analyzing Motivational Factors in Depression</td>
<td>4:45 PM</td>
</tr>
<tr>
<td>James Alaniz</td>
<td>A Novel Touch-Screen Based Behavioral Interaction System</td>
<td>5:00 PM</td>
</tr>
<tr>
<td>Devon Brunson</td>
<td>The Effect of Hearing Modality on Communication Outcomes: Bimodal Hearing versus Bilateral Cochlear Implantation</td>
<td>5:15 PM</td>
</tr>
<tr>
<td>Darren Gordon</td>
<td>To Reach Fast or to Reach Slow? That is the Question</td>
<td>5:30 PM</td>
</tr>
<tr>
<td>Diana Yusim</td>
<td>Tri-Institutional MD-PhD Program at Weill Cornell/Rockefeller/Sloan-Kettering: Outcome Analysis at 40 Years after Inception</td>
<td>5:45 PM</td>
</tr>
</tbody>
</table>

### CC-24, HU/SS/PE

**Natassia Rodriguez, Stanford University, 11:15 - 12:30**

<table>
<thead>
<tr>
<th>Presenter</th>
<th>Title</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rebecca Denton</td>
<td>Oriental Objects: Silks, Sultans, and the Threat to 'Englishness' in Jane Eyre</td>
<td>11:15 AM</td>
</tr>
<tr>
<td>Roberto Rodriguez</td>
<td>Violent Inscriptions, Psychic Wounds: Politics, Violence, Psychoanalysis in Horacio Castellano Moya's Insensatez</td>
<td>11:30 AM</td>
</tr>
<tr>
<td>Kyle Gipson</td>
<td>The Contours of the New World: The Problem of Particularity in Richard Wright's Native Son</td>
<td>11:45 AM</td>
</tr>
<tr>
<td>Leah Barlow</td>
<td>Locating the Human in South African Literature: Formalism in J.M. Coetzee's Disgrace and Nadine Gordimer's None to Accompany Me</td>
<td>12:00 PM</td>
</tr>
<tr>
<td>Terrel Champion</td>
<td>A Merciful Re-Envisioning of Race and Capitalism: Morrison and Postmodernism</td>
<td>12:15 PM</td>
</tr>
</tbody>
</table>

### CC-24, HU/SS/PE

**James Roane, Columbia University, 2:45 - 4:00**

<table>
<thead>
<tr>
<th>Presenter</th>
<th>Title</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jessica Mendez</td>
<td>Revolutionary Women in the Young Lords Party: Radical Internationalism, Black Power and Feminism, 1968-1974</td>
<td>2:45 PM</td>
</tr>
<tr>
<td>Sara Harris</td>
<td>Mothers’ Co-Residence with Children in Lesotho: Changing the Perspective</td>
<td>3:00 PM</td>
</tr>
<tr>
<td>Guy Sakamoto</td>
<td>A Systematic Review of Research on the Consequences of Maternal Incarceration for Children</td>
<td>3:15 PM</td>
</tr>
<tr>
<td>Emilce Santana</td>
<td>Re-examining the Educational Outcomes of U.S. Hispanic/Latino Children of Immigrants</td>
<td>3:30 PM</td>
</tr>
<tr>
<td>Jasmine Whiteside</td>
<td>What If I Think I Can? Understanding the Impact of Positive Thinking on the Future Success of Children in Rural China</td>
<td>3:45 PM</td>
</tr>
<tr>
<td>Christina Williams</td>
<td>U.S. Foreign Policy Towards Latin America: Pursuing the National Interest (Or Not?)</td>
<td>4:00 PM</td>
</tr>
</tbody>
</table>
### CC-24, HU/SS/PE
**Angela White, University of Connecticut, 4:45 - 5:45**

<table>
<thead>
<tr>
<th>Speaker</th>
<th>Title</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Danielle Callendar</td>
<td>Check your Privilege: Black Women's Resistance of White Cultural Privileging in Elite Colleges</td>
<td>4:45 PM</td>
</tr>
<tr>
<td>Akia Jackson</td>
<td>The Effects of Slavery on Children's Perspectives Toward Skin Color</td>
<td>5:00 PM</td>
</tr>
<tr>
<td>Cayla Echols</td>
<td>Unveiling the Mechanisms of Race Perception: How Affective Priming Reveals the Effects of Individuation Training on Implicit Prejudice</td>
<td>5:15 PM</td>
</tr>
<tr>
<td>Cecelia Oparah</td>
<td>Race, Identity, and Transnational Connections among the Nigerian Second Generation</td>
<td>5:30 PM</td>
</tr>
<tr>
<td>Hannah Kim</td>
<td>On the Philosophy of Time: Block Theory and Human Experience</td>
<td>5:45 PM</td>
</tr>
</tbody>
</table>

### CC-25, HU/SS/PE
**Andrew Hao, UC Berkeley, 11:15 - 12:15**

<table>
<thead>
<tr>
<th>Speaker</th>
<th>Title</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hadiya Jones</td>
<td>Social Media, Awkward Black Girl, and Alternative Images of Blackness</td>
<td>11:15 AM</td>
</tr>
<tr>
<td>Alexander Catchings</td>
<td>The Neo-Slave Narrative's Utility as an Aesthetic of Humor and National Ethic</td>
<td>11:30 AM</td>
</tr>
<tr>
<td>Jessica Cottrell</td>
<td>Implications of the Black Male Body: An Analysis of the Societal Texts for the Young African American Male</td>
<td>11:45 AM</td>
</tr>
<tr>
<td>Christine Semple</td>
<td>The Cool: Blackface, Hip hop, and Geishas</td>
<td>12:00 PM</td>
</tr>
<tr>
<td>Omar Davila Jr</td>
<td>The Impact of Feeling Understood and Validated on Student Performance</td>
<td>12:15 PM</td>
</tr>
</tbody>
</table>

### CC-25, HU/SS/PE
**Daisy Camacho, UCLA, 2:45 - 4:00**

<table>
<thead>
<tr>
<th>Speaker</th>
<th>Title</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Darren Esparza</td>
<td>DREAMers or Immigrants? A Textual Analysis of President Obama's Support for the DREAM Act</td>
<td>2:45 PM</td>
</tr>
<tr>
<td>Jasmine Benjamin</td>
<td>Race Negotiation among Black Republican Congressmen</td>
<td>3:00 PM</td>
</tr>
<tr>
<td>Olamide Williams</td>
<td>Wilsonian Foreign Policy and the Paradox of Globalization</td>
<td>3:15 PM</td>
</tr>
<tr>
<td>Cynthia Villacis</td>
<td>Partisan Taunting in Congress</td>
<td>3:30 PM</td>
</tr>
<tr>
<td>Glenda Ullauri</td>
<td>Global Environmentalism in the Rio+20 Conference: Political Crisis in the Making of a Sustainable Future</td>
<td>3:45 PM</td>
</tr>
<tr>
<td>Selena Crowley</td>
<td>Native Nations’ Allocation of Resources: Link to Development</td>
<td>4:00 PM</td>
</tr>
</tbody>
</table>

### CC-25, HU/SS/PE
**Andrea Fowler, Arizona State University, 4:45 - 5:45**

<table>
<thead>
<tr>
<th>Speaker</th>
<th>Title</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Melissa Powell</td>
<td>Private Speech During Delay of Gratification</td>
<td>4:45 PM</td>
</tr>
<tr>
<td>Kathleen Whiteley</td>
<td>What the Oral Tradition Means to Contemporary Indigenous Communities: Supporting a UNESCO Grant to Preserve Ojibwe First Nations’ Cultural Landscapes</td>
<td>5:00 PM</td>
</tr>
<tr>
<td>Sarah Wellington</td>
<td>Reclaiming the Sun: Depictions of Female as Sexual and Mythical in Modern Japanese Literature</td>
<td>5:15 PM</td>
</tr>
<tr>
<td>Emily Bancroft</td>
<td>The Relationship between Gender and Children's Nonverbal Communication</td>
<td>5:30 PM</td>
</tr>
<tr>
<td>Taylor Davine</td>
<td>Examining the Relationship Between Rumination and Perceived Stress Among Ethnic Adolescent Females</td>
<td>5:45 PM</td>
</tr>
</tbody>
</table>
**CC-26, HU/SS/PE**

*Amber Spry, Columbia University, 11:15 - 12:30*

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brooke Thomas</td>
<td>Substance Over Style: Reconsidering Chicago's Black Elite between 1930-1960</td>
<td>11:15 AM</td>
</tr>
<tr>
<td>Robin Ayers</td>
<td>With all Deliberate Speed: A Historical Analysis of the Factors which Led to Emory University's Desegregation</td>
<td>11:45 AM</td>
</tr>
<tr>
<td>Anairis Perez</td>
<td>Linked Struggle: Finding Community through Art History</td>
<td>12:00 PM</td>
</tr>
<tr>
<td>Sean McAdams Luna</td>
<td>Public Opinion Change in the Transnational Context: The Link Between Social Change and Migrant Networks</td>
<td>12:30 PM</td>
</tr>
</tbody>
</table>

**CC-26, HU/SS/EE**

*Colleen Tripp, Brown University, 2:45 - 3:45*

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jonathon Savage</td>
<td>Product Place(ment): Spatial Branding and the Unfamiliar Geography of Materialism in Don DeLillo and Colson Whitehead</td>
<td>2:45 PM</td>
</tr>
<tr>
<td>Bretney Moore</td>
<td>Rigidity Means Death: Intersections in the Work of Bessie Head and Gloria Anzaldua</td>
<td>3:00 PM</td>
</tr>
<tr>
<td>Shelby Lohr</td>
<td>The Evolution of Evangelicalism through Early American Texts</td>
<td>3:15 PM</td>
</tr>
<tr>
<td>Kamaria Beamon</td>
<td>Aspects of Identity in Teaching Practices: Case Study of Travis Plume</td>
<td>3:30 PM</td>
</tr>
<tr>
<td>Thekia Cheeseborough</td>
<td>Humans Are Animals Too: Exploring How Persons Assert Themselves After Being Dehumanized</td>
<td>3:45 PM</td>
</tr>
</tbody>
</table>

**CC-26, HU/SS/PE**

*Amber Williams, University of Michigan-Ann Arbor, 4:45 - 5:45*

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Emily Jenab</td>
<td>The Benefits of Mindfulness for At-Risk High School Students</td>
<td>4:45 PM</td>
</tr>
<tr>
<td>Paul Muniz</td>
<td>The Effectiveness of the Distribution of Resources in Law Schools’ Public Interest Programs</td>
<td>5:00 PM</td>
</tr>
<tr>
<td>Tahirah Dean</td>
<td>The Unheard Voice: American Muslims Struggle for Political Inclusion</td>
<td>5:15 PM</td>
</tr>
<tr>
<td>Tyler Morales</td>
<td>The Invisible Hand on the American Dream: The IMF’s Influence Over Migration to the United States</td>
<td>5:30 PM</td>
</tr>
<tr>
<td>Lillie Lattimore</td>
<td>Why Did the United States Create a Unified Department of Homeland Security after 9/11?</td>
<td>5:45 PM</td>
</tr>
</tbody>
</table>

**CC-27, HU/SS/PE**

*Eric Glover, Princeton University, 2:45 - 3:45*

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Janelle White</td>
<td>Intra-Racial Stratification in Chicago During the Civil Rights Era: The Role of Public Education</td>
<td>11:15 AM</td>
</tr>
<tr>
<td>Mack Curry IV</td>
<td>The Study of Black English Vernacular: Its Usage in Literature and Music, and the Incorporation of This Dialect into English Teaching Curriculums</td>
<td>11:30 AM</td>
</tr>
<tr>
<td>Chloe Edmonds</td>
<td>Education and Violence: Children, Schooling, and Genocide in Germany and Rwanda</td>
<td>11:45 AM</td>
</tr>
<tr>
<td>Bailey Brown</td>
<td>Why Link Communities to Schools? Rethinking the Community-School Dynamic</td>
<td>12:00 PM</td>
</tr>
<tr>
<td>Mark Harris</td>
<td>College Is for Me: Educational Socialization of African American Adolescent Males and Its Impact on Their College Matriculation</td>
<td>12:15 PM</td>
</tr>
<tr>
<td>David Turner III</td>
<td>Minority Students, Financial Aid, and the Finish Line: College Access and Completion in Texas</td>
<td>12:30 PM</td>
</tr>
</tbody>
</table>
### CC-27, HU/SS/PE
#### Helen Pu, Tufts University, 2:45-4:00

<table>
<thead>
<tr>
<th>Speaker</th>
<th>Title</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Theresa Henry</td>
<td>Development Accounting Revisited</td>
<td>3:00 PM</td>
</tr>
<tr>
<td>Shantel Campbell</td>
<td>The Clock is Ticking &amp; Money is Running Out: How Scarcity of Time &amp; Resources Affect Buyer Behavior</td>
<td>3:15 PM</td>
</tr>
<tr>
<td>Tazmin Falan</td>
<td>Do Questionnaire Measures of Children’s Prosocial Behavior Predict Altruism in the Dictator Game?</td>
<td>3:30 PM</td>
</tr>
<tr>
<td>Elizabeth Kang</td>
<td>Power in the Workplace</td>
<td>3:45 PM</td>
</tr>
<tr>
<td>Tomas Nivon</td>
<td>Bankruptcy Distress Cost Analysis with Derivatives</td>
<td>4:00 PM</td>
</tr>
</tbody>
</table>

### CC-27HU/SS/PE
#### Marcus Hines, New York University, 4:45-5:45

<table>
<thead>
<tr>
<th>Speaker</th>
<th>Title</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Christine Wu</td>
<td>Subcomponents of Negative Affect and Cortisol Reactivity</td>
<td>4:45 PM</td>
</tr>
<tr>
<td>Vanessa Vieira</td>
<td>Investigating the Movement Prediction Function of the Cerebellum</td>
<td>5:00 PM</td>
</tr>
<tr>
<td>Reinalyn Echon</td>
<td>Thought Speed, Depression, and Goal Pursuit</td>
<td>5:15 PM</td>
</tr>
<tr>
<td>Angelica Frausto</td>
<td>The Effectiveness of Computer-Based Interventions for Depression: A Meta-Analysis</td>
<td>5:30 PM</td>
</tr>
<tr>
<td>Tiffany Bryan</td>
<td>Diabetes in the News: Examining How Media Coverage has Shaped African-American Conversations on Health Disparities</td>
<td>5:45 PM</td>
</tr>
</tbody>
</table>
Leonela Acosta........................................5:45 PM, CC-17
Presentation Title: The Role of Nascent Polypeptide-
Associated Complex in the Proliferation of the Dengue Virus
Research Mentor: Erol Fikrig
Research Institution: Yale University
Home Institution: Rutgers University
Co-Authors: Tonya Colpitts and Erol Fikrig, Yale University
AB

Titilayo Afolabi...............................12:00 PM, CC-12
Presentation Title: Effect of Reactive Oxygen Species on TRPM2 Channel in Leading to Alzheimer's Disease
Research Mentor: Teresa Milner
Research Institution: Weill Cornell Graduate School
Home Institution: Yale University
Co-Authors: Gang Wang, Laibaik Park and Costantino Iadecola, Weill Cornell Graduate School of Medical Sciences
AB

Obed Agyei ......................................12:00 PM, CC-14
Presentation Title: Signaling of CCL7 and Its Receptors in the Lung Cancer Progression
Research Mentor: Vivek Mittal
Research Institution: Weill Cornell Medical College
Home Institution: North Carolina State University
Co-Authors: Vivek Mittal, Hyejin Choi and Dingcheng Gao, Weill Cornell/Rockefeller/Sloan-Kettering, Signaling of CCL7 and its Receptors in the Lung Cancer Progression
AB

James Alaniz ....................................5:00 PM, CC-23
Presentation Title: A Novel Touch-Screen Based Behavioral Interaction System
Research Mentor: Winrich Freiwald
Research Institution: The Rockefeller University
Home Institution: University of Texas at Austin
Co-Authors: Winrich Freiwald and Srivatsun Sadagopan, Weill Cornell/Rockefeller/Sloan-Kettering
SS

Kevin Alicea Torres ..........................2:45 PM, CC-14
Presentation Title: Identification and Characterization of Contact-Dependent Interactions in Platelets
Research Mentor: Lawrence Brass
Research Institution: University of Pennsylvania
Home Institution: UPR-Humacao
Co-Authors: Lawrence Brass and Kenneth Wannemacher, University of Pennsylvania
BB

Davis Anugo .....................................3:30 PM, CC-13
Presentation Title: Translational Control in the Mammalian Circadian Clock
Research Mentor: Davis Anugo
Research Institution: University of Pennsylvania
Home Institution: SUNY Binghamton
Co-Authors: Amita Sehgal and Christopher Jang, University of Pennsylvania
BB

Jesus Ayala.......................................3:00 PM, CC-12
Presentation Title: CRH and TRH Expression and Methylation in Preterm Placenta
Research Mentor: James Padbury
Research Institution: Brown University
Home Institution: UPR-Humacao
Co-Authors: James Padbury, Bethany McGonnigal and Joan Stabila, Brown University
BB

Robin Ayers ..................................11:45 AM, CC-26
Presentation Title: With all Deliberate Speed: A Historical Analysis of the Factors which Led to Emory University's Desegregation
Research Mentor: Tera Hunter
Research Institution: Princeton University
Home Institution: Emory University
Co-Authors: Tera Hunter, Princeton University; Brett Gadsden, Emory University
HU

Elena Baluyut .................................2:45 PM, CC-22
Presentation Title: Using InSAR to Analyze the Effects of Oil Extraction on Kuparuk Oil Field
Research Mentor: Lin Liu
Research Institution: Stanford University School of Earth Sciences
Home Institution: Saint Louis University
Co-Authors: Lin Liu, Stanford University
ES

Emily Bancroft ...............................5:30 PM, CC-25
Presentation Title: The Relationship between Gender and Children's Nonverbal Communication
Research Mentor: Thalia Goldstein
Research Institution: Yale University
Home Institution: Mount Holyoke College
Co-Authors: Thalia Goldstein and Oriana Aragon, Yale University
SS
Janae Baptiste .......................... 5:00 PM, CC-13
Presentation Title: Gene Cloning and Protein Expression of Myristylated Wildtype FIV Matrix Protein Using Human N-myristyl transferase
Research Mentor: Michael Summers
Research Institution: University of Maryland, Baltimore County
Home Institution: University of West Florida
Co-Authors: Michael Summers and Lola Brown, University of Maryland, Baltimore County

Leah Barlow ......................... 12:00 PM, CC-24
Presentation Title: Locating the Human in South African Literature: Formalism in J.M. Coetzees Disgrace and Nadine Gordimer’s None to Accompany Me
Research Mentor: Wendy Belcher
Research Institution: Princeton University
Home Institution: Hampton University
Co-Authors: Wendy Belcher, Princeton University

Javier Barranco ........................ 11:45 AM, CC-23
Presentation Title: Image Quality Assessment For Compress Sensing Reconstruction
Research Mentor: Daniel Sodickson
Research Institution: New York University Sackler Institute
Home Institution: University of Texas at San Antonio
Co-Authors: Ricardo Otazo and Daniel Sodickson, New York University

Stephen Bart .......................... 5:30 PM, CC-15
Presentation Title: Activation of Strongyloides stercoralis Infective Third-stage Larvae by the cGMP analog 8-bromo-cGMP
Research Mentor: James Lok
Research Institution: University of Pennsylvania
Home Institution: University of Pittsburgh
Co-Authors: Jonathan D. Stoltzfus and James B. Lok, University of Pennsylvania

Kamaria Beamon ..................... 3:30 PM, CC-26
Presentation Title: Aspects of Identity in Teaching Practices: Case Study of Travis Plume
Research Mentor: Rowhea Elmesky
Research Institution: Washington University in St. Louis
Home Institution: Xavier University of Louisiana
Co-Authors: Rowhea Elmesky and Lyndsie Schultz, Washington University in St. Louis

Joseph Behnke ....................... 3:00 PM, CC-16
Presentation Title: The Effects of Ketamine on Synaptic Plasticity
Research Mentor: Wenbio Gan
Research Institution: New York University Sackler Institute
Home Institution: Rutgers University
Co-Authors: Wenbio Gan, New York University

Terri Bella ............................ 5:30 PM, CC-21
Presentation Title: Characterization of COP1 in Gastrointestinal Stromal Tumor (GIST) Pathogenesis
Research Mentor: Yuan Yuan Xie
Research Institution: Memorial Sloan Kettering Cancer Center
Home Institution: San Jose State University
Co-Authors: Yuanyuan Xie and Ping Chi, Weill Cornell/Rockefeller/Sloan-Kettering

Marimar Benitez ..................... 3:30 PM, CC-15
Presentation Title: Exploiting 89Zr-transferrin PET as a Biomarker of Response to Therapies that Inhibit MYC Function
Research Mentor: Jason Lewis
Research Institution: Memorial Sloan Kettering Cancer Center
Home Institution: UPR-Rio Piedras
Co-Authors: Jason Lewis, Sarah Cheal and Michael Evans, Memorial Sloan-Kettering Cancer Center

Jasmine Benjamin .................... 3:00 PM, CC-25
Presentation Title: Race Negotiation among Black Republican Congressmen
Research Mentor: Amy Lerman
Research Institution: Princeton University
Home Institution: Claflin University
Co-Authors: Amy Lerman, Princeton University; Christopher Curtis, Claflin University

Rebecca Betances .................... 3:30 PM, CC-17
Presentation Title: MiRNA-17-92 Cluster Controls the Differentiation of Subcerebral Projection Neurons by Targeting Transcription Factor Ctip2
Research Mentor: Shan Bian
Research Institution: Weill Cornell Graduate School
Home Institution: UPR-Mayaguez
Co-Authors: Tao Sun, Shan Bian and Janet Hong, Weill Cornell Graduate School of Medical Sciences
Tashalee Billings .............................12:00 PM, CC-23
Presentation Title: Using CMB Polarization to Trace E-Fields and B-Fields
Research Mentor: David Spergel
Research Institution: Princeton University
Home Institution: Florida A&M University
Co-Authors: David Spergel, Renee Hlozek and Blake Sherwin, Princeton University
PS

Jade Bing ..........................................12:30 PM, CC-21
Presentation Title: Application of PCET Towards the Formation of Radical Intermediates and Carbon-carbon Bonds
Research Mentor: Robert Knowles
Research Institution: Princeton University
Home Institution: Rider University
Co-Authors: Robert Knowles, Princeton University
PS

Maria Bottermann ...........................5:00 PM, CC-12
Presentation Title: Characterizing Natural Killer Cell Exhaustion Using an In-vitro Model to Mimic the Environment of Metastatic Melanoma
Research Mentor: Nina Bhardwaj
Research Institution: New York University Sackler Institute
Home Institution: Jacobs University Bremen
Co-Authors: Nina Bhardwaj, Ines da Silva and Anne Gallois, New York University
BB

Niambi Brewer .................................4:45 PM, CC-15
Presentation Title: Identification of Additional Lipid Regulators that Contribute to Primordial Germ Cell Migration in Drosophila
Research Mentor: Ruth Lehmann
Research Institution: New York University Sackler Institute
Home Institution: University of Maryland, Baltimore County
Co-Authors: Brian Richardson and Ruth Lehmann, New York University
BB

Bailey Brown .................................12:00 PM, CC-27
Presentation Title: Why Link Communities to Schools? Rethinking the Community-School Dynamic
Research Mentor: Bailey Brown
Research Institution: University of Chicago
Home Institution: University of Pennsylvania
Co-Authors: Omar McRoberts and Dan Kimmel, University of Chicago
SS

Brian Brown .................................11:30 AM, CC-15
Presentation Title: Presence of a Putative Virulence Factor, sasX, in Methicillin-Resistant Staphylococcus aureus from Nosocomial Pneumonia
Research Mentor: Bo Shopsin
Research Institution: New York University Sackler Institute
Home Institution: University of Maryland, Baltimore County
Co-Authors: Bo Shopsin and Davida Smyth, New York University
BB

Leslie Brown .................................3:15 PM, CC-13
Presentation Title: An Examination of Cortisol and Rumination in Pregnant Women
Research Mentor: Catherine Monk
Research Institution: Columbia University
Home Institution: Westminster College
Co-Authors: Catherine Monk, Elizabeth Werner and Michael Kinsella, Columbia University
BB

Devon Brunson .................................5:15 PM, CC-23
Presentation Title: The Effect of Hearing Modality on Communication Outcomes: Bimodal Hearing versus Bilateral Cochlear Implantation
Research Mentor: Rene Gifford
Research Institution: Vanderbilt University
Home Institution: University of Maryland, College Park
Co-Authors: Rene Gifford and Megan Roberts, Vanderbilt University
SS

Tiffany Bryan .................................5:45 PM, CC-27
Presentation Title: Diabetes in the News: Examining How Media Coverage has Shaped African-American Conversations on Health Disparities
Research Mentor: Keith Wailoo
Research Institution: Princeton University
Home Institution: Spelman College
Co-Authors: Keith Wailoo, Princeton University
HU

Jamal Bryant .................................4:00 PM, CC-12
Presentation Title: Measuring Cytosolic Zn Ion Concentrations in Pancreatic Cancer Cells using Genetically Encoded Fluorescent Sensors
Research Mentor: Amy Palmer
Research Institution: University of Colorado Boulder
Home Institution: St. Petersburg College
Co-Authors: Amy Palmer and Jose Miranda, University of Colorado at Boulder
BB
Amanda Buch........................................2:45 PM, CC-16
Presentation Title: Understanding the Role of Rab-3 in Synaptic Vesicle Exocytosis
Research Mentor: Rachel Wragg
Research Institution: Weill Cornell Medical College
Home Institution: Fordham University
Co-Authors: Jeremy Dittman and Rachel Wragg, Weill Cornell Graduate School of Medical Sciences
AB

Ivan Bukreyev.....................................12:00 PM, CC-22
Presentation Title: Structure and Ordering of Nickelate Superlattices
Research Mentor: Charles Ahn
Research Institution: Yale University
Home Institution: University of Florida
Co-Authors: Charles Ahn, Fred Walker and Joseph Ngai, Yale University
PS

Cristhian Cadena..............................12:30 PM, CC-15
Presentation Title: Detection of Defective Interfering (DI) Particles of Bovine Respiratory Syncytial Virus (BRSV), Canine Distemper Virus (CDV), and Sendai Virus (SeV) in Lung Tissues
Research Mentor: Carolina Lopez
Research Institution: University of Pennsylvania
Home Institution: Sam Houston State University
Co-Authors: Carolina Lopez and Karla Tapia, University of Pennsylvania
BB

Gina Calco........................................3:00 PM, CC-17
Presentation Title: Distinct and Additive Contributions of Thiamine Deficiency in an Experimental Model of Alcohol-Related Neurodegeneration
Research Mentor: Suzanne de la Monte
Research Institution: Brown University
Home Institution: University of Michigan-Ann Arbor
Co-Authors: Suzanne M. de la Monte, Elizabeth Silbermann and Valerie Zabala, Brown University
BB

Madison Calhoun...............................11:15 AM, CC-22
Presentation Title: Polyelectrolyte Adsorption onto Carbon Nanotube Surfaces Under Applied Potential
Research Mentor: Paul Van Tassel
Research Institution: Yale University
Home Institution: Carnegie Mellon University
Co-Authors: Matthew McMillian, Dominic Eggeman and Paul Van Tassel, Yale University
EN

Danielle Callendar.............................4:45 PM, CC-24
Presentation Title: Check your Privilege: Black Women’s Resistance of White Cultural Privileging in Elite Colleges
Research Mentor: Angel Harris
Research Institution: Princeton University
Home Institution: Wellesley College
Co-Authors: Angel Harris, Princeton University
SS

Shantel Campbell.............................3:15 PM, CC-27
Presentation Title: The Clock is Ticking & Money is Running Out: How Scarcity of Time & Resources Affect Buyer Behavior
Research Mentor: Shantel Campbell
Research Institution: Stanford University
Home Institution: University of Delaware
Co-Authors: Baba Shiv and Emily Garbinsky, Stanford University School of Humanities & Sciences
SS

Christian Capanna............................3:45 PM, CC-12
Presentation Title: Effective Osteopontin Concentration for Hydroxyapatite Seeded Growth Inhibition and Its Relative Binding Affinity
Research Mentor: Adele Boskey
Research Institution: Weill Cornell Medical College
Home Institution: Loyola University of Chicago
Co-Authors: Adele Boskey and Hayat Taleb, Weill Cornell Graduate School of Medical Sciences
BB

Jessica Cardenas.........................11:15 AM, CC-13
Presentation Title: Survivin's Role in the Regulated Secretory Pathway for Insulin
Research Mentor: Rachel Altura
Research Institution: Brown University
Home Institution: Mount St. Mary's College
Co-Authors: Mike Holloway and Rachel Altura, Brown University
AB

Lizzette Castillo..............................3:45 PM, CC-23
Presentation Title: Hi-Fidelity Recovery of Bioaerosols DNA
Research Mentor: Mark Hernandez
Research Institution: University of Colorado Boulder
Home Institution: CSU Sacramento
Co-Authors: Alina Handorean and Mark Hernandez, University of Colorado at Boulder
AB
Marc Castro ................................. 11:45 AM, CC-22
Presentation Title: Traveling-Wave Metal-Insulator-Metal Diode for Terahertz Conversion
Research Mentor: Garret Moddel
Research Institution: University of Colorado Boulder
Home Institution: University of Texas at San Antonio
Co-Authors: Michael Cromar and Garret Moddel,
University of Colorado at Boulder
EN

Alexander Catchings ...................... 11:30 AM, CC-25
Presentation Title: The Neo-Slave Narrative’s Utility as an Aesthetic of Humor and National Ethic
Research Mentor: Daphne Brooks
Research Institution: Princeton University
Home Institution: University of Washington
Co-Authors: Daphne Brooks, Princeton University
HU

Terrel Champion ............................. 12:15 PM, CC-24
Presentation Title: A Merciful Re-Envisioning of Race and Capitalism: Morrison and Postmodernism
Research Mentor: Daphne Brooks
Research Institution: Princeton University
Home Institution: Morehouse College
Co-Authors: Daphne Brooks, Princeton University
HU

Thekia Cheeseborough ..................... 3:45 PM, CC-26
Presentation Title: Humans Are Animals Too: Exploring How Persons Assert Themselves After Being Dehumanized
Research Mentor: Greg Walton
Research Institution: Stanford University
Home Institution: Spelman College
Co-Authors: Greg Walton, Jennifer Eberhardt and Lauren Howe, Stanford University School of Humanities & Sciences
SS

Megan Cherry ................................. 3:30 PM, CC-21
Presentation Title: Integrated Network Approaches to Understanding Indirect Transcription Factor Interactions Associated with Variants of the Mediator Complex
Research Mentor: Debra Goldberg
Research Institution: University of Colorado Boulder
Home Institution: Massachusetts Institute of Technology
Co-Authors: Debra Goldberg and Suzanne Gallagher, University of Colorado at Boulder
PS

Stephanie Christie ........................... 11:30 AM, CC-11
Presentation Title: Analyzing the Genetic Variability and Reverse Transcriptase Drug Resistance Mutations in HIV-1 Infected Individuals in Yaounde, Cameroon
Research Mentor: Phillipe Nyambi
Research Institution: New York University Sackler Institute
Home Institution: Brooklyn College CUNY
Co-Authors: Phillipe Nyambi, Luzia Mayr and Lucy Agyingi, New York University
AB

Stacy Christopher ............................ 4:00 PM, CC-16
Presentation Title: The Role of FGF8 and FGFR1 in Mouse Hypothalamic Development
Research Mentor: Stacy Christopher
Research Institution: University of Colorado Boulder
Home Institution: Cornell University
Co-Authors: Pei-San Tsai and Scott Kavanaugh,
University of Colorado at Boulder
BB

Danielle Cicka ................................. 3:15 PM, CC-15
Presentation Title: The Overexpression of the Myopathic Matrin-3 S85C Mutant in C2C12 Myogenic Cells
Research Mentor: Elizabeth McNally
Research Institution: University of Chicago
Home Institution: Washington University in St. Louis
Co-Authors: Elizabeth McNally and Fredric DePreux,
University of Chicago
BB

Jonathan Cohen ............................... 3:15 PM, CC-17
Presentation Title: Ethanol Inhibition of Adenylate Cyclase Decreases the Phosphorylation State of Alpha 7 Nicotinic Acetylcholine Receptors
Research Mentor: Jonathan Cohen
Research Institution: University of Chicago
Home Institution: Brown University
Co-Authors: John McDaid, University of Chicago
BB

Elvia Cortes ................................. 11:15 AM, CC-23
Presentation Title: Modular BoxWing UAV
Research Mentor: Brian Argrow
Research Institution: University of Colorado Boulder
Home Institution: CSU Los Angeles
Co-Authors: Brian Argrow, University of Colorado at Boulder
EN
Jessica Cottrell .......................... 11:45 AM, CC-25
Presentation Title: Implications of the Black Male Body: An Analysis of the Societal Texts for the Young African American Male
Research Mentor: Tera Hunter
Research Institution: Princeton University
Home Institution: Saint Edward’s University
Co-Authors: Tera Hunter, Princeton University
HU

Selena Crowley .......................... 4:00 PM, CC-25
Presentation Title: Native Nations’ Allocation of Resources: Link to Development
Research Mentor: Robert Shapiro
Research Institution: Columbia University
Home Institution: Fisk University
Co-Authors: Robert Y. Shapiro, Columbia University
PE

Mack Curry IV ............................. 11:30 AM, CC-27
Presentation Title: The Study of Black English Vernacular: Its Usage in Literature and Music, and the Incorporation of This Dialect into English Teaching Curriculums
Research Mentor: Tsitsi Jaji
Research Institution: University of Pennsylvania
Home Institution: Hampton University
Co-Authors: Randolph Walker, Hampton University; Tsitsi Jaji, University of Pennsylvania
HU

Dina Dajani ............................... 5:45 PM, CC-13
Presentation Title: Molecular Interactions of IQGAP2 and its Role in Mechanosensing
Research Mentor: Doug Robinson
Research Institution: Johns Hopkins University
Home Institution: University of Miami
Co-Authors: Vasudha Srivastava and Douglas Robinson, Johns Hopkins University
BB

Omar Davila Jr ............................ 12:15 PM, CC-25
Presentation Title: The Impact of Feeling Understood and Validated on Student Performance
Research Mentor: Margaret Clark
Research Institution: Yale University
Home Institution: CSU Monterey Bay
Co-Authors: Margaret Clark, Mark Graham and Oriana Aragon, Yale University
SS

Taylor Davine ............................ 5:45 PM, CC-25
Presentation Title: Examining the Relationship Between Rumination and Perceived Stress Among Ethnic Adolescent Females
Research Mentor: Susan Nolen-Hoeksema
Research Institution: Yale University
Home Institution: UC San Diego
Co-Authors: Susan Nolen-Hoeksema, Yale University
SS

Mark Davis ................................. 12:15 PM, CC-22
Presentation Title: Imaging Monolayer ZrO2 on a Si Substrate
Research Mentor: Fred Walker
Research Institution: Yale University
Home Institution: Lehman College CUNY
Co-Authors: Fred Walker and Divine Kumah, Yale University
PS

Tahirah Dean ............................. 5:15 PM, CC-26
Presentation Title: The Unheard Voice: American Muslims Struggle for Political Inclusion
Research Mentor: Robert Shapiro
Research Institution: Columbia University
Home Institution: University of North Texas
Co-Authors: Robert Y. Shapiro, Columbia University
PE

Rebecca Denton ......................... 11:15 AM, CC-24
Presentation Title: Oriental Objects: Silks, Sultans, and the Threat to “Englishness” in Jane Eyre
Research Mentor: Timothy Campbell
Research Institution: University of Chicago
Home Institution: University of Miami
Co-Authors: Timothy Campbell, University of Chicago
HU

Ashley Diaz ............................... 3:45 PM, CC-15
Presentation Title: The Role of Presenilin-1 (PSEN-1) in Surfactant Production in Type II Lung Epithelial Cells
Research Mentor: Heber Nielsen
Research Institution: Tufts University BioMedical Sciences
Home Institution: Florida International University
Co-Authors: Najla Fiaturi, John Castelllot and Heber Nielsen, Tufts University School of Graduate Biomedical Sciences
BB
Martha Dua-Awereh ................. 4:45 PM, CC-17
Presentation Title: Activation of STAT-5 by the Extracellular Factor Neuromedin U is JAK2-dependent
Research Mentor: Martin Carroll
Research Institution: University of Pennsylvania
Home Institution: Brooklyn College CUNY
Co-Authors: Martin Carroll and Susan Shetzline, University of Pennsylvania
AB

Christopher Duncan-Lewis ........ 4:00 PM, CC-22
Presentation Title: Cell Viability and Morphology on Nanopatterned Bulk Metallic Glass Surfaces
Research Mentor: Themis Kyriakides
Research Institution: Yale University
Home Institution: University of Pennsylvania
Co-Authors: Themis Kyriakides and Jagannath Padmanabhan, Yale University
AB

Cayla Echols ......................... 5:15 PM, CC-24
Presentation Title: Unveiling the Mechanisms of Race Perception: How Affective Priming Reveals the Effects of Individuation Training on Implicit Prejudice
Research Mentor: Jasmin Cloutier
Research Institution: University of Chicago
Home Institution: Tuskegee University
Co-Authors: Jasmin Cloutier and Tianyi Li, University of Chicago
SS

Reinalyn Echon ....................... 5:15 PM, CC-27
Presentation Title: Thought Speed, Depression, and Goal Pursuit
Research Mentor: Emily Pronin
Research Institution: Princeton University
Home Institution: CSU Fullerton
Co-Authors: Emily Pronin and Kaite Yang, Princeton University
SS

Christopher Ecker ................. 11:30 AM, CC-13
Presentation Title: Tumor Suppressor APC’s Regulation of GSK-3
Research Mentor: Peter Klein
Research Institution: University of Pennsylvania
Home Institution: University of Maryland, Baltimore County
Co-Authors: Peter Klein and Alexander Valvezan, University of Pennsylvania
BB

Chloe Edmonds ...................... 11:45 AM, CC-27
Presentation Title: Education and Violence: Children, Schooling, and Genocide in Germany and Rwanda
Research Mentor: Maud Mandel
Research Institution: Brown University
Home Institution: Keene State College

Norrell Edwards ...................... 12:30 PM, CC-24
Presentation Title: What is African American Literature? An Analysis and Critique of Kenneth Warren’s Argument on the Death of African American Literature
Research Mentor: Ann Cheng
Research Institution: Princeton University
Home Institution: Hunter College
Co-Authors: Anne Cheng, Princeton University
HU

Jordan Encarnacion .................. 11:45 AM, CC-17
Presentation Title: Sex Differences in FosB Expression after Acute Administration of Cocaine, Methamphetamine, and Cannabinoids (WIN-55) in the Prefrontal Cortex of Rats
Research Mentor: Vanya Quinones-Jenab
Research Institution: Hunter College
Home Institution: Allegheny College
Co-Authors: Courtney Daly and Vanya Quinones-Jenab, Hunter College
BB

Darren Esparza ...................... 2:45 PM, CC-25
Presentation Title: DREAMers or Immigrants? A Textual Analysis of President Obama’s Support for the DREAM Act
Research Mentor: Arlene Davila
Research Institution: New York University
Home Institution: CSU Northridge
Co-Authors: Arlene Davila, New York University
HU

Tazmin Falan ......................... 3:30 PM, CC-27
Presentation Title: Do Questionnaire Measures of Children’s Prosocial Behavior Predict Altruism in the Dictator Game?
Research Mentor: Julia Kim-Cohen
Research Institution: Yale University
Home Institution: Chaminade University of Honolulu
Co-Authors: Julia Kim-Cohen, Yale University
SS
Rene Farfan ................................. 11:30 AM, CC-23
Presentation Title: Realization of Periodic Metamaterials to Practical Three-Dimensional Structures
Research Mentor: Mahmoud I. Hussein
Research Institution: University of Colorado Boulder
Home Institution: California State Polytechnic University
Co-Authors: Mahmoud I. Hussein and Michael Frazier, University of Colorado at Boulder
EN

Emily Fernández García .............. 12:15 PM, CC-17
Presentation Title: Characterization of a4b2 and a7 nAChRs as Therapeutic Targets for the Development of Nicotine Cessation Treatments that Alleviate Anxiety During Withdrawal
Research Mentor: Julie Blendy
Research Institution: University of Pennsylvania
Home Institution: UPR-Rio Piedras
Co-Authors: Nicole Yohn and Julie A. Blendy, University of Pennsylvania
AB

Legna Figueroa-Cosme .............. 11:30 AM, CC-21
Presentation Title: Formation of Silver Secondary Particles in Solution Phase
Research Mentor: Robert Hurt
Research Institution: Brown University
Home Institution: UPR-Mayaguez
Co-Authors: Jingyu Liu, Brown University; Zhongying Wang, Brooklyn College; Robert Hurt, Brown University
EN

Rachel Foster ................................. 2:45 PM, CC-17
Presentation Title: Hippocampal Brain-Derived Neurotrophic Factor Expression in Response to Alcohol Consumption and Voluntary Exercise
Research Mentor: Marissa Ehringer
Research Institution: University of Colorado Boulder
Home Institution: Mount Holyoke College
Co-Authors: Marissa Ehringer and Francesc Xavier Gallego Moreno, University of Colorado at Boulder
BB

Angelica Frausto ................................. 5:30 PM, CC-27
Presentation Title: The Effectiveness of Computer-Based Interventions for Depression: A Meta-Analysis
Research Mentor: Angela Duckworth
Research Institution: University of Pennsylvania
Home Institution: University of Rochester
Co-Authors: Ann Marie Roepke and Angela Lee Duckworth, University of Pennsylvania

Kafi Friday ................................. 2:45 PM, CC-12
Presentation Title: The Effect of Prenatal Maternal Immune Activation on Inhibitory Network Activity in Adult Offspring Medial Prefrontal Cortex
Research Mentor: Christoph Kellendonk
Research Institution: Columbia University
Home Institution: Brooklyn College CUNY
Co-Authors: Sarah E. Canetta and Christoph Kellendonk, Columbia University
AB

Netanel Ghatan ................................. 3:15 PM, CC-16
Presentation Title: In Search of Neural Syntax in the Hippocampus
Research Mentor: György Buzsáki
Research Institution: New York University Sackler Institute
Home Institution: New York University
Co-Authors: György Buzsáki, New York University
BB

Candace Ghent ................................. 3:45 PM, CC-21
Presentation Title: Exploring the Mediator Complex using Functional Similarity of Proteins
Research Mentor: Debra Goldberg
Research Institution: University of Colorado Boulder
Home Institution: North Carolina A&T State University
Co-Authors: Debra Goldberg, University of Colorado at Boulder
PS

Kyle Gipson ................................. 11:45 AM, CC-24
Presentation Title: The Contours of the New World: The Problem of Particularity in Richard Wright's Native Son
Research Mentor: Phillip Harper
Research Institution: New York University Sackler Institute
Home Institution: Bard College
HU

Shelby Goicochea ................................. 5:15 PM, CC-15
Presentation Title: Optimization of Beta-Cyclodextrin Binding to Lipofuscin in Retinal Pigment Epithelium
Research Mentor: Marcelo Nociari
Research Institution: Weill Cornell Medical College
Home Institution: University of Florida
Co-Authors: Marcelo Nociari and Enrique Rodriguez-Boulan, Weill Cornell/Rockefeller/Sloan-Kettering BB
Lyanne Gomez .................................5:30 PM, CC-14
Presentation Title: Structural Studies of CTCF
Research Mentor: Ronen Marmorstein
Research Institution: University of Pennsylvania
Home Institution: UPR-Rio Piedras
Co-Authors: Ronen Marmorstein and Jasna Maksimoska, University of Pennsylvania
BB

Darren Gordon .................................5:30 PM, CC-23
Presentation Title: To Reach Fast or to Reach Slow? That is the Question
Research Mentor: Helen Huang
Research Institution: University of Colorado Boulder
Home Institution: University of Michigan-Ann Arbor
Co-Authors: Alaa Ahmed and Helen Huang, University of Colorado at Boulder
AB

Talia Guardia ...................................3:15 PM, CC-11
Presentation Title: Analyzing the Mutations in the TBX5 Gene in Patients with Holt-Oram Syndrome
Research Mentor: Shuibing Chen
Research Institution: Weill Cornell Medical College
Home Institution: Barry University
Co-Authors: Shuibing Chen, Zaniar Ghazizadeh and Farrank Fattahi, Weill Cornell Graduate School of Medical Sciences
BB

Mamikon Gulian .............................12:15 PM, CC-23
Presentation Title: Well-posedness for a Perturbed KdV Equation
Research Mentor: Justin Holmer
Research Institution: Brown University
Home Institution: University of Maryland, Baltimore County
Co-Authors: Justin Holmer, Brown University
PS

Robert Gutierrez .............................4:45 PM, CC-11
Presentation Title: Quantitative Measurement of Live Cells and Their Gene Expression
Research Mentor: Eric Darling
Research Institution: Brown University
Home Institution: Santa Barbara City College
Co-Authors: Vera C. Fonseca, Hetal Desai and Eric M. Darling, Brown University
AB

Kristin Ha.........................................3:00 PM, CC-11
Presentation Title: Localization of the Telomerase RNA in Human Cells
Research Mentor: Diego Loayza
Research Institution: Hunter College
Home Institution: Brandeis University
Co-Authors: Diego Loayza and Sampada Kalan, Hunter College
BB

Kristen Harris .................................5:15 PM, CC-13
Presentation Title: Determining the Presence of the Protein Seahorse in the Nucleus
Research Mentor: Zhaoxia Sun
Research Institution: Yale University
Home Institution: Amherst College
Co-Authors: Zhaoxia Sun and Sowjanya Kallakuri, Yale University
BB

Mark Harris .................................12:15 PM, CC-27
Presentation Title: College Is for Me: Educational Socialization of African American Adolescent Males and Its Impact on Their College Matriculation
Research Mentor: Waldo Johnson
Research Institution: University of Chicago
Home Institution: Grambling State University
Co-Authors: Waldo Johnson and Jelani McEwen, University of Chicago
SS

Sara Harris .................................3:00 PM, CC-24
Presentation Title: Mothers’ Co-Residence with Children in Lesotho: Changing the Perspective
Research Mentor: Susan Short
Research Institution: Brown University
Home Institution: Washington University in St. Louis
SS

Theresa Henry .................................3:00 PM, CC-27
Presentation Title: Development Accounting Revisited
Research Mentor: Pete Klenow
Research Institution: Stanford University
Home Institution: University of Georgia
Co-Authors: Peter Klenow, Stanford University School of Humanities & Sciences
SS
Christian Hernandez .......................12:00 PM, CC-21
Presentation Title: Centrifuge Testing to Evaluate Seismic Lateral Earth Pressures on Buried Reservoirs
Research Mentor: Shideh Dashti
Research Institution: University of Colorado Boulder
Home Institution: UPR-Mayaguez
Co-Authors: Shideh Dashti, Majid Ghayoomi and Ashkaan Hushmand, University of Colorado at Boulder

Chevon Holmes ................................2:45 PM, CC-27
Presentation Title: The Turnpike Era and Farming in Colonial New England 1750-1850: A Time of Economic Transition or Transformation to a Market-Economy?
Research Mentor: Amity Doolittle
Research Institution: Yale University
Home Institution: Mount Holyoke College
Co-Authors: Amity A. Doolittle, Yale University

Mateo Hernandez .........................12:30 PM, CC-11
Presentation Title: Investigation of the HIV-2 5'-Untranslated Region
Research Mentor: Michael Summers
Research Institution: University of Maryland, Baltimore County
Home Institution: University of South Florida
Co-Authors: Michael Summers, Yuanyuan Liu and Venki Ramakrishnan, University of Maryland, Baltimore County

Alex Holness ...............................3:00 PM, CC-22
Presentation Title: Tracking Humans During Flocking Experiments: Determining Leadership and How it Relates to Centrality Measures
Research Mentor: Naomi Leonard
Research Institution: Princeton University
Home Institution: University of Maryland, Baltimore County
Co-Authors: Naomi Leonard and George Young, Princeton University

Nicholas Hernandez ........................4:00 PM, CC-15
Presentation Title: Localization and Trafficking of Phosphorylated BACE1 in the Endocytic Pathway
Research Mentor: Gopal Thinakaran
Research Institution: University of Chicago
Home Institution: University of South Florida
Co-Authors: Nicholas Hernandez, Celia Fernandez and Gopal Thinakaran, University of Chicago

Ira Iosub .....................................5:30 PM, CC-11
Presentation Title: The Transcriptional Regulation of Interferon-Stimulated Genes: Elucidating the Mechanisms Involved at the Deacetylation Level
Research Mentor: David Levy
Research Institution: New York University Sackler Institute
Home Institution: Jacobs University Bremen
Co-Authors: David Levy and Isabelle Levy, New York University

Akia Jackson ................................5:00 PM, CC-24
Presentation Title: The Effects of Slavery on Children's Perspectives Toward Skin Color
Research Mentor: Gerald Early
Research Institution: Washington University in St. Louis
Home Institution: Xavier University of Louisiana
Co-Authors: Gerald Early and Wendy Anderson, Washington University in St. Louis

Isabel Hinestrosa ............................11:30 AM, CC-14
Presentation Title: Effect of mTORC1/2 Inhibition on T Lymphocyte Responses in a Breast Cancer Mouse Model
Research Mentor: Robert Schneider
Research Institution: New York University Sackler Institute
Home Institution: Boston University
Co-Authors: Robert Schneider and Viviana Volta, New York University

Kaitlyn Jeanis .................................2:45 PM, CC-21
Presentation Title: A Study of MS2 Molecular Damage Due to Wavelength Specific UV Irradiation
Research Mentor: Karl Linden
Research Institution: University of Colorado Boulder
Home Institution: University of Central Florida
Co-Authors: Karl Linden and Sara Beck, University of Colorado at Boulder

Emily Jenab ........................................4:45 PM, CC-26
Presentation Title: The Benefits of Mindfulness for At-Risk High School Students
Research Mentor: Tracy Dennis
Research Institution: Hunter College
Home Institution: SUNY Stony Brook
Co-Authors: Laura O’Toole and Tracy Dennis, Hunter College

Hugo Jenab ........................................5:00 PM, CC-11
Presentation Title: An Investigation of Post-Menopausal Cardiovascular Illness through Quantification of Neural Capillaries
Research Mentor: Joseph Pierce
Research Institution: Weill Cornell Graduate School
Home Institution: SUNY Purchase
Co-Authors: Joseph Pierce, Teresa Milner and Tracey Van Kempen, Weill Cornell Graduate School of Medical Sciences

Nilsa Jenkins Luna ............................3:00 PM, CC-14
Presentation Title: Investigating the Regulatory Role of MicroRNAs in the Life Span of C. elegans
Research Mentor: Frank Slack
Research Institution: Yale University
Home Institution: Rutgers University
Co-Authors: Frank Slack and Sachi Inukai, Yale University

Dante’ Johnson .................................3:15 PM, CC-22
Presentation Title: Activate Your Anxiety Network
Research Mentor: Christopher Lowry
Research Institution: University of Colorado Boulder
Home Institution: Louisiana State University-Baton Rouge
Co-Authors: Christopher Lowry and Nina Donner, University of Colorado at Boulder

Hadiya Jones ....................................11:15 AM, CC-25
Presentation Title: Social Media, Awkward Black Girl, and Alternative Images of Blackness
Research Mentor: Adrienne Brown
Research Institution: University of Chicago
Home Institution: Spelman College
Co-Authors: Adrienne Brown and Mary Adekoya, University of Chicago

Maria Jones ....................................5:00 PM, CC-16
Presentation Title: Multimodal Control of Orientation Under Conditions of Toxicity in Bullfrog Tadpoles
Research Mentor: Andrea Simmons
Research Institution: Brown University
Home Institution: Missouri State University
Co-Authors: Andrea Simmons and Erika Alexander, Brown University

Elizabeth Kang ...............................3:45 PM, CC-27
Presentation Title: Power in the Workplace
Research Mentor: Dr. Deborah Gruenfeld
Research Institution: Stanford University
Home Institution: University of Idaho
Co-Authors: Deborah Gruenfeld and Lucia Guillery, Stanford University School of Humanities & Sciences

Hannah Kim .....................................5:45 PM, CC-24
Presentation Title: On the Philosophy of Time: Block Theory and Human Experience
Research Mentor: Mark Crimmins
Research Institution: Stanford University
Home Institution: Emory University
Co-Authors: Mark Crimmins, Stanford University School of Humanities & Sciences

Roderick King .................................11:30 AM, CC-17
Presentation Title: The Role of PKMzeta in the Reinstatement of Cocaine Seeking
Research Mentor: Robert Pierce
Research Institution: University of Pennsylvania
Home Institution: Delaware State University
Co-Authors: Christopher Pierce, University of Pennsylvania

Sravanthi Koduri .............................5:15 PM, CC-21
Presentation Title: Determining the Interaction between CG11025 and dPKD2 in the S2 Cell Line
Research Mentor: Terry Watnick
Research Institution: Johns Hopkins University
Home Institution: Drexel University
Co-Authors: Weizhe Li and Terry Watnick, Johns Hopkins University
Joshua Kogan .................................3:30 PM, CC-14
Presentation Title: Caenorhabditis elegans as a Model for Inducing Cell Death in Germline Tumors
Research Mentor: Jill Bargonetti-Chavarria
Research Institution: Hunter College
Home Institution: Oberlin College
Co-Authors: Jill Bargonetti-Chavarria, Sandy Gamss and Daniel Martin, Hunter College
BB

Claudia Lanauze ...............................3:45 PM, CC-14
Presentation Title: Saturation Screens to Uncover Genes that Affect Excretory (Renal) Tube Development in C. elegans
Research Mentor: Meera Sundaram
Research Institution: University of Pennsylvania
Home Institution: UPR-Rio Piedras
Co-Authors: Meera Sundaram and Jean Parry, University of Pennsylvania
BB

Arnaud Konan .................................4:00 PM, CC-21
Presentation Title: Analysis of Spatial Correlation in Shotgun Cellular System
Research Mentor: Timothy Brown
Research Institution: University of Colorado Boulder
Home Institution: University of Denver
Co-Authors: Timothy Brown and Prasanna Madhusudhanan, University of Colorado at Boulder
PS

Daniel Latimer ...............................12:00 PM, CC-16
Presentation Title: Loss of Anthrax Toxin Receptors in Mice Leads to Deficient MT1-MMP Activity and May Cause Failure to Thrive Due to Defective Gastrointestinal Function
Research Mentor: Pelisa Charles-Horvath
Research Institution: Columbia University
Home Institution: Rochester Institute of Technology
Co-Authors: Jan Kitajewski and Pelisa Charles-Horvath, Columbia University
BB

Anthony Kronfli ..............................5:00 PM, CC-15
Presentation Title: The Role of Glucocorticoid and BDNF Crosstalk in Regulating Serotonin Receptor Expression
Research Mentor: Micheal Garabedian
Research Institution: New York University Sackler Institute
Home Institution: University of Maryland, Baltimore County
Co-Authors: Marcus Lambert and Michael Garabedian, New York University
BB

Lillie Lattimore ...............................5:45 PM, CC-26
Presentation Title: Why Did the United States Create a Unified Department of Homeland Security after 9/11?
Research Mentor: Brendan O'Leary
Research Institution: University of Pennsylvania
Home Institution: Spelman College
Co-Authors: Brendan O'Leary, University of Pennsylvania
PE

Sandya Lakkur ...............................3:15 PM, CC-21
Presentation Title: Data Mining of the Human Microbiome
Research Mentor: Susan Holmes
Research Institution: Stanford University
Home Institution: University of Maryland, Baltimore County
Co-Authors: Susan Holmes, Stanford University School of Humanities & Sciences
PS

Sarah Leone .................................3:15 PM, CC-14
Presentation Title: Analysis of Midbody Remnant Internalization During Caenorhabditis elegans Embryogenesis
Research Mentor: Jeremy Nance
Research Institution: New York University Sackler Institute
Home Institution: Villanova University
Co-Authors: Jeremy Nance and Ann Wehman, New York University
BB

Nelson LaMarche ..............................3:00 PM, CC-15
Presentation Title: Characterization of Myosin Dynamics in a Drosophila Germband Extension Mutant
Research Mentor: Jennifer Zallen
Research Institution: Weill Cornell Medical College
Home Institution: Cornell University
Co-Authors: Jennifer Zallen, Weill Cornell/Rockefeller/ Sloan-Kettering; Gillian Siegal, Weill Cornell Graduate School of Medical Sciences
BB
Joseph Leshin ...............................5:00 PM, CC-22
Presentation Title: Exercise and Psychological Inertia
Research Mentor: James Gross
Research Institution: Stanford University
Home Institution: California State Polytechnic University
Co-Authors: James J. Gross and Guarav Suri, Stanford University School of Humanities & Sciences
SS

Melissa Lester ..........................5:15 PM, CC-12
Presentation Title: Determining if Differences in the Catalytic Activity of Diacylglycerol kinase zeta and alpha Control the Suppression of ERK Phosphorylation in T cell Receptor Signaling
Research Mentor: Gary Koretzky
Research Institution: University of Pennsylvania
Home Institution: Temple University
Co-Authors: Rohan Joshi and Gary Koretzky, University of Pennsylvania
BB

Laura Leung ............................5:45 PM, CC-21
Presentation Title: Development of a Rapid Quantification Assay to Measure Target Inhibition in MPN Patient Samples
Research Mentor: Priya Koppikar
Research Institution: Weill Cornell Medical College
Home Institution: Smith College
Co-Authors: Priya Koppikar and Ross L. Levine, Weill Cornell/Rockefeller/Sloan-Kettering
AB

Dan Li ........................................11:15 AM, CC-14
Presentation Title: SPINK1 Expression in Prostate Cancers and Its Effects on Other Transcriptions Factors
Research Mentor: Yu Chen
Research Institution: Weill Cornell Medical College
Home Institution: Harvard University
Co-Authors: Yu Chen and Shipra Shukla, Weill Cornell/Rockefeller/Sloan-Kettering
BB

Marianne Ligon ..........................5:45 PM, CC-12
Presentation Title: In vitro Tools for Identifying SFB Signals that Stimulate Th17 Cell Development
Research Mentor: Dan Littman
Research Institution: New York University Sackler Institute
Home Institution: University of Georgia
Co-Authors: Dan R. Littman and Joshua Ziel, New York University
AB

Quinlyn Little Owl ..........................5:30 PM, CC-16
Presentation Title: The Incidents of Radon Level on the Apsaalooke Reservation in Montana
Research Mentor: Neva Tall Bear
Research Institution: Montana State University -Bozeman
Home Institution: Little Big Horn College
Co-Authors: Neva Tall Bear, StellJo Passes and Marisol Doporto, Montana State University -Bozeman
AB

Jie Bin Liu ..............................3:45 PM, CC-11
Presentation Title: Identification of Clock-controlled mRNAs that Regulate Elosion Rhythm in the Prothoracic Gland of Drosophila melanogaster
Research Mentor: F Rob Jackson
Research Institution: Tufts University BioMedical Sciences
Home Institution: Colby College
Co-Authors: Rob Jackson and Yanmei Huang, Tufts University School of Graduate Biomedical Sciences
BB

Xiang Liu ................................11:45 AM, CC-15
Presentation Title: Elucidating How Staphylococcus aureus Leukotoxin AB Targets and Kills Mammalian Cell Through Structure-function Analysis
Research Mentor: Victor Torres
Research Institution: New York University Sackler Institute
Home Institution: Emory University
Co-Authors: Victor Torres and Ashley Dumont, New York University
BB

Nathan Lo ...............................12:15 PM, CC-11
Presentation Title: Immune Complex Vaccine for the Production of Broad Neutralizing Antibodies Against HIV
Research Mentor: Catarina Hioe
Research Institution: New York University Sackler Institute
Home Institution: Rice University
Co-Authors: Catarina Hioe and Michael Tuen, New York University
AB
Shelby Lohr .................................3:15 PM, CC-26
Presentation Title: The Evolution of Evangelicalism Through Early American Texts
Research Mentor: Shelby Lohr
Research Institution: Brown University
Home Institution: Georgia State University
Co-Authors: Linford Fisher, Brown University

Juan Lopez...............................3:15 PM, CC-12
Presentation Title: Characterization of the Kinetics of Mutant T178I in Embryonic Myosin
Research Mentor: Leslie Leinwand
Research Institution: University of Colorado Boulder
Home Institution: University of Miami
Co-Authors: Leslie Leinwand and John Deacon, University of Colorado at Boulder

Shiying Lu.................................4:00 PM, CC-13
Presentation Title: Does Mediator Complex Subunit 12 Have a Regulatory Role in Hematopoietic Stem Cell Differentiation?
Research Mentor: Iannis Aifantis
Research Institution: New York University Sackler Institute
Home Institution: Jacobs University Bremen
Co-Authors: Iannis Aifantis and Beatriz Aranda-Orgilles, New York University

Tommaso Lucchesi .........................4:00 PM, CC-11
Presentation Title: Impact of Sister Chromatid Cohesion in Telomeric Function in u2os Cells
Research Mentor: Susan Smith
Research Institution: New York University Sackler Institute
Home Institution: New York University
Co-Authors: Susan Smith and Mahesh Ramamoorthy, New York University

Sarah Lund .................................11:30 AM, CC-12
Presentation Title: Induction of Toll-Like Receptor 9 Signaling as a Method for Ameliorating Neuropathology in an Alzheimer’s Disease Mouse Model
Research Mentor: Thomas Wisniewski
Research Institution: New York University Sackler Institute
Home Institution: Massachusetts Institute of Technology
Co-Authors: Thomas Wisniewski and Henrieta Scholtzova, New York University

Kelsey Maness .............................2:45 PM, CC-23
Presentation Title: Mechanism of Inflammasome Stimulation by Listeria monocytogenes in Human Myeloid Dendritic Cells
Research Mentor: Nina Bhardwaj
Research Institution: New York University Sackler Institute
Home Institution: Mount Holyoke College
Co-Authors: Nina Bhardwaj, Elizabeth Miller and Meredith Spadaccia, New York University

Rukhinda Maqsood .......................5:15 PM, CC-11
Presentation Title: Construction of a Constitutive PolIII Vector for Mediating RNA Interference of Developmental Genes in Dictyostelium discoideum
Research Mentor: Robert Dottin
Research Institution: Hunter College
Home Institution: Hunter College
Co-Authors: Robert Dottin and Marie McAnuff, Hunter College

Gabriel Marrero ............................2:45 PM, CC-13
Presentation Title: Characterization of Tau Autoantibodies in Human Plasma
Research Mentor: Einar Sigurdsson
Research Institution: New York University Sackler Institute
Home Institution: UPR-Rio Piedras
Co-Authors: Einar Sigurdsson, New York University

William Marrero Ortiz ....................5:00 PM, CC-17
Presentation Title: Synthesis of Fluorescent Choline Kinase Inhibitors
Research Mentor: Edward Delikatny
Research Institution: University of Pennsylvania
Home Institution: UPR-Rio Piedras
Co-Authors: Anatoliy V. Popov, Sean P. Arlauckas and Edward J. Delikatny, University of Pennsylvania

Brian Mbambeu .........................11:45 AM, CC-13
Presentation Title: A Role for Notch in Traf6 Regulation
Research Mentor: Warren Pear
Research Institution: University of Pennsylvania
Home Institution: City College of New York
Co-Authors: Warren Pear, Yumi Ohtani and Will Bailis, University of Pennsylvania

Sean McAdams Luna ....................... 12:30 PM, CC-26
Presentation Title: Public Opinion Change in the Transnational Context: The Link Between Social Change and Migrant Networks
Research Mentor: Robert Shapiro
Research Institution: Columbia University
Home Institution: Brown University
Co-Authors: Robert Shapiro, Narayani Lasala Blanco and Amber Spry, Columbia University

Tamir Mickens ............................. 5:45 PM, CC-14
Presentation Title: The Role of TRPV4 in the Development and Injury of Fetal Type II Epithelial Cells Exposed to Mechanical Stretch
Research Mentor: Juan Esteban
Research Institution: Brown University
Home Institution: Morehouse College
Co-Authors: Juan Sanchez-Esteban, Brown University; Pritha Nayak and Yulian Wang, Women & Infants Hospital

Tomas Meijome ............................. 5:30 PM, CC-12
Presentation Title: Characterizing Factors of the Melanoma Tumor Microenvironment Involved in Exhaustion of Natural Killer Cells
Research Mentor: Nina Bhardwaj
Research Institution: New York University Sackler Institute
Home Institution: Indiana University Purdue University
Co-Authors: Nina Bhardwaj, Ines Pires da Silva and Anne Gallois, New York University

Danielle Miyagishima .................... 12:15 PM, CC-12
Presentation Title: Temporal Differentiation of Neocortical Interneuron Progenitor Cells
Research Mentor: Songhai Shi
Research Institution: Weill Cornell Medical College
Home Institution: New Mexico State University
Co-Authors: Songhai Shi, Khadeejah T. Sultan and Keith N. Brown, Weill Cornell/Rockefeller/Sloan-Kettering

Allatah Mekile ............................. 5:15 PM, CC-17
Presentation Title: The Role of Trim 2 Polymorphisms in Restricting Junin Infection
Research Mentor: Susan Ross
Research Institution: University of Pennsylvania
Home Institution: East Stroudsburg University of Pennsylvania
Co-Authors: Susan R. Ross and Spiros Stavrou, University of Pennsylvania

Bretney Moore ............................. 3:00 PM, CC-26
Presentation Title: Rigidity Means Death: Intersections in the Work of Bessie Head and Gloria Anzaldua
Research Mentor: Jose David Sadivar
Research Institution: Stanford University
Home Institution: Hunter College
Co-Authors: Jose David Saldivar, Stanford University School of Humanities & Sciences

Jessica Mendez ......................... 2:45 PM, CC-24
Presentation Title: Revolutionary Women in the Young Lords Party: Radical Internationalism, Black Power and Feminism, 1968-1974
Research Mentor: Samuel Roberts
Research Institution: Columbia University
Home Institution: City College of New York
Co-Authors: Samuel K. Roberts and James T. Roane, Columbia University

Joshua Moore ............................. 12:30 PM, CC-12
Presentation Title: Determining Cellular Localization of hTDP-43 during Beta-amyloid Plaque Formation
Research Mentor: Chris Link
Research Institution: University of Colorado Boulder .... University of Texas at Austin
Home Institution: Christopher Link, University of Co-Authors: Colorado at Boulder

Yoelkys Morales .......................... 4:45 PM, CC-12
Presentation Title: T-Cell Exhaustion in DBA/2 and BALB/c Mice after Infection with Babesia Microti
Research Mentor: Henry Wortis
Research Institution: Tufts University BioMedical Sciences
Home Institution: Williams College
Co-Authors: Henry Wortis, Tufts University School of Graduate Biomedical Sciences
Jessica Morgan .................................2:45 PM, CC-15
Presentation Title: The Kinesin II Family Motor Protein, KIF17, Contributes to Microtubule Stabilization and Actin Polymerization in Epithelial Cells
Research Mentor: Geri Kreitzer
Research Institution: Weill Cornell Graduate School
Home Institution: CSU Fullerton
Co-Authors: Geri Kreitzer, Weill Cornell Graduate School of Medical Sciences
BB

Tyler Moroles ....................................5:30 PM, CC-26
Presentation Title: The Invisible Hand on the American Dream: The IMF’s Influence Over Migration to the United States
Research Mentor: Robert Shapiro
Research Institution: Columbia University
Home Institution: DePaul University
Co-Authors: Robert Shapiro, Narayani Lasala Blanco and Amber Spry, Columbia University
PE

Kristy Mungal .................................3:00 PM, CC-23
Presentation Title: Non-Invasive In vivo Imaging of a Subcutaneous Melanoma Model Provides an In-depth View of Tumor Growth Dynamics
Research Mentor: Daniel Turnbull
Research Institution: New York University Sackler Institute
Home Institution: University of Trinidad and Tobago
Co-Authors: Daniel Turnbull, Ben Bartelle and Giselle Suero, New York University
AB

Paul Muniz ........................................5:00 PM, CC-26
Presentation Title: The Effectiveness of the Distribution of Resources in Law Schools’ Public Interest Programs
Research Mentor: David Grusky
Research Institution: Stanford University
Home Institution: SUNY College at Geneseo
Co-Authors: David Grusky and Swethaa Ballakrishnen, Stanford University School of Humanities & Sciences
SS

Conor Murphy .................................5:45 PM, CC-15
Presentation Title: Analysis of the J alpha-C alpha Introns Function in Transgenic Mice
Research Mentor: Benjamin Ortiz
Research Institution: Hunter College
Home Institution: York College of Pennsylvania
Co-Authors: Benjamin Ortiz and Martina Kucerova-Levisohn, Hunter College
BB

Johanna Nifosi ................................. 11:15 AM, CC-21
Presentation Title: Measuring Immune Development in Larval Amphibians to Understand Age-Dependent Susceptibility to Infection by Riberoia ondatrae (Class Trematoda)
Research Mentor: Pieter Johnson
Research Institution: University of Colorado Boulder
Home Institution: Universidad Metropolitana
Co-Authors: Pieter Johnson and Bethany Hoye, University of Colorado at Boulder
ES

Tomas Nivon .................................4:00 PM, CC-27
Presentation Title: Bankruptcy Distress Cost Analysis with Derivatives
Research Mentor: Darrell Duffie
Research Institution: Stanford University
Home Institution: Hunter College
Co-Authors: Darrell Duffie and Kristoffer Laursen, Stanford University School of Humanities & Sciences
SS

Oluremi Ojo .................................3:30 PM, CC-11
Presentation Title: Alternative Lengthening of Telomeres in Embryonic Development
Research Mentor: Oluremi Ojo
Research Institution: New York University Sackler Institute
Home Institution: University of Georgia
Co-Authors: David Keefe and Keri Kalmbach, New York University
BB

Michael Okoreeh .............................11:45 AM, CC-14
Presentation Title: Optimizing Biomarkers to Identify MTAP Deficiency in Cancer
Research Mentor: Olufunmilayo Olopade
Research Institution: University of Chicago
Home Institution: UC Riverside
Co-Authors: Olufunmilayo Olopade, Tatyana Grushko and Mariann Coyle, University of Chicago
BB

Royce Onyimba .................................5:15 PM, CC-16
Presentation Title: The Role of TIPE3 in Gut Epithelial Inflammation
Research Mentor: Youhai Chen
Research Institution: University of Pennsylvania
Home Institution: University of Maryland, Baltimore County
Co-Authors: Youhai Chen and Honghong Sun, University of Pennsylvania
BB
Cecelia Oparah .................................5:30 PM, CC-24
Presentation Title: Race, Identity, and Transnational Connections among the Nigerian Second Generation
Research Mentor: Patricia Fernández-Kelly
Research Institution: Princeton University
Home Institution: Princeton University
Co-Authors: Patricia Fernández-Kelly, Princeton University

Dalila Ordonez ................................12:00 PM, CC-11
Presentation Title: Potential Antioxidant Effects of SDG Treatment on HIV-mediated Neurotoxicity
Research Mentor: Kelly Jordan-Sciutto
Research Institution: University of Pennsylvania
Home Institution: Hunter College
Co-Authors: Jennifer King, Akin Odeleye and Kelly Jordan-Sciutto, University of Pennsylvania

Stephanie Ortiz ...............................12:30 PM, CC-16
Presentation Title: cFos Immunoreactivity as a Result of Maternal Malnutrition and Stress
Research Mentor: Stephanie Ortiz
Research Institution: University of Pennsylvania
Home Institution: UPR-Rio Piedras
Co-Authors: Teresa Reyes, University of Pennsylvania

Veronica Parra .................................3:45 PM, CC-17
Presentation Title: The Identification of Inhibitory Beta-Amyloid Compounds Using a High-Throughput Assay
Research Mentor: Michael Stowell
Research Institution: University of Colorado Boulder
Home Institution: University of Denver
Co-Authors: Michael Stowell, Daniel J. Adams and Daniel Gulbranson, University of Colorado at Boulder

Varun Patel .................................3:45 PM, CC-13
Presentation Title: Intra-Subject Variability in Attention-Deficit Hyperactivity Disorder
Research Mentor: Xavier Castellanos
Research Institution: New York University Sackler Institute
Home Institution: University of Pennsylvania
Co-Authors: Xavier Castellanos and Nicoletta Adamo, New York University

Aparecio Peggins .............................12:30 PM, CC-17
Presentation Title: Cocaine Use Reduction with Buprenorphine - CURB
Research Mentor: Mark Burke
Research Institution: Howard University
Home Institution: Morehouse College
Co-Authors: William Lawson, Howard University

Anairis Perez .................................12:00 PM, CC-26
Presentation Title: Linked Struggle: Finding Community through Art History
Research Mentor: Gwendolyn DuBois Shaw
Research Institution: University of Pennsylvania Arts & Sciences
Home Institution: Florida State University
Co-Authors: Gwendolyn DuBois Shaw, University of Pennsylvania

Benjamin Pollak ..............................12:30 PM, CC-22
Presentation Title: Nonpolymorphic Phase Transitions in Bulk Metallic Glasses
Research Mentor: Corey O’Hern
Research Institution: Yale University
Home Institution: Washington University in St. Louis
Co-Authors: Corey O’Hern and Minglei Wang, Yale University

Melissa Powell .................................4:45 PM, CC-25
Presentation Title: Private Speech During Delay of Gratification
Research Mentor: Gregory Walton
Research Institution: Stanford University
Home Institution: CSU Monterey Bay
Co-Authors: Kyla Haimovitz, Stanford University School of Engineering; Gregory Walton, Stanford University School of Humanities & Sciences

Carlos Puentes .................................4:45 PM, CC-22
Presentation Title: Predicting the Benefit of Antidepressant Medication Relative to Placebo Using Patient Characteristics
Research Mentor: Robert DeRubeis
Research Institution: University of Pennsylvania
Home Institution: University of Central Florida
Co-Authors: Nicholas Forand and Robert DeRubeis, University of Pennsylvania; Jay Fournier, Western Psychiatric Institute and Clinic
Emmanuel Quaidoo .......................12:15 PM, CC-16
Presentation Title: Optogenetic Stimulation of the BNST in Mice Induces Feeding
Research Mentor: Dayu Lin
Research Institution: New York University Sackler Institute
Home Institution: Columbia University
Co-Authors: Dayu Lin, New York University
BB

Krystina Quow .........................3:15 PM, CC-23
Presentation Title: Sperm Cell Transfer and Automated Sperm Search Using Laser Microdissection
Research Mentor: Joel Oppenheim
Research Institution: New York University Sackler Institute
Home Institution: Duke University
Co-Authors: Zoran Budmilja and Grace Axler-DiPerte, New York University; Sevasty Papakanakis, Hunter College
AB

Charrise Ramkissoon ..................3:30 PM, CC-23
Presentation Title: Validation of IVIM-DWI Diffusion Parameters through Histology Quantification
Research Mentor: Sungheon Kim
Research Institution: New York University Sackler Institute
Home Institution: University of Trinidad and Tobago
Co-Authors: Sungheon Kim and Jin Zhang, New York University
AB

Brittany Rauzan .......................11:30 AM, CC-22
Presentation Title: Soft Nanoimprint Lithography Using Bulk Metallic Glass for Fabrication of Polymer-Based Solar Cells with Enhanced Performance
Research Mentor: Chinedum Osuji
Research Institution: Yale University
Home Institution: Allegheny College
Co-Authors: Candice Pelligra and Chinedum Osuji, Yale University
EN

Candy Reid ...............................11:45 AM, CC-21
Presentation Title: Design and Fabrication of a High Throughput Combinatorial Electrochemical Testing System
Research Mentor: Andre Taylor
Research Institution: Yale University
Home Institution: University of Central Florida
Co-Authors: Andre Taylor and Ryan Sekol, Yale University
EN

Felix Reyes ...............................3:30 PM, CC-16
Presentation Title: Temporal Variables in Dopaminergic-mediated Plasticity of Auditory Cortical Circuits
Research Mentor: Robert Froemke
Research Institution: New York University Sackler Institute
Home Institution: Instituto Tecnologico de Santo Domingo
Co-Authors: Robert Froemke and Ioana Carcea, New York University
BB

Anthony Rivera .........................11:45 AM, CC-16
Presentation Title: Survey of Time Budgeting and Feeding Preferences in Black-tailed Prairie Dogs
Research Mentor: Timothy Seastedt
Research Institution: University of Colorado Boulder
Home Institution: Brown University
Co-Authors: Timothy Seastedt, University of Colorado at Boulder
BB

Stephanie Rivera .......................11:15 AM, CC-17
Presentation Title: The Role of HDAC6 on Cigarette Smoke-Induced Endothelial Barrier Dysfunction and Deacetylation of a-Tubulin
Research Mentor: Qing Lu
Research Institution: Brown University
Home Institution: UPR-Rio Piedras
Co-Authors: Qing Lu, Sharon Rounds and Julie Newton, Brown University
BB

Juan Rivera Correa ....................11:15 AM, CC-11
Presentation Title: Interferon-Stimulated Genes Restrict Replication of Human Rhinoviruses
Research Mentor: Christian Schindler
Research Institution: Columbia University
Home Institution: UPR-Rio Piedras
Co-Authors: Michael Schreiber and Christian W. Schindler, Columbia University
AB

Ramon Rodriguez ......................5:15 PM, CC-14
Presentation Title: Mechanisms of KATP Channel Endocytosis
Research Mentor: William Coetzee
Research Institution: New York University Sackler Institute
Home Institution: Brown University
Co-Authors: William Coetzee and Monique Foster, New York University
BB
Roberto Rodriguez ...................... 11:30 AM, CC-24
Presentation Title: Violent Inscriptions, Psychic Wounds: Politics, Violence, Psychosis in Horacio Castellano Moya's *Insensatez*
Research Mentor: Miguel Martinez
Research Institution: University of Chicago
Home Institution: Hampshire College
Co-Authors: Miguel Martinez, University of Chicago

Matthew Rollins ...................... 11:45 AM, CC-12
Presentation Title: Effect of SIV in the Brain: Impact of SIV Infection on Neurogenesis in a Pediatric Rhesus Macaque Model
Research Mentor: Mark Burke
Research Institution: Howard University
Home Institution: Washington and Jefferson College
Co-Authors: Kristina Abel, University of North Carolina Chapel Hill; Mark Burke and Kimberly Curtis, Howard University

Jorge Rosario .............................. 4:00 PM, CC-14
Presentation Title: Development of Novel RNA Delivery Method via Self-Assembled Nanopieces
Research Mentor: Qian Chen
Research Institution: Brown University
Home Institution: Massachusetts Institute of Technology
Co-Authors: Qian Chen, Yupeng Chen and Tianbin Zhou, Brown University

Adam Ross ................................. 4:45 PM, CC-13
Presentation Title: Modifications of Conserved Lysine and Serine Residues Contribute to the Regulatory Activities of Nkx2.2
Research Mentor: Lori Sussel
Research Institution: Columbia University
Home Institution: University of San Francisco
Co-Authors: James Papizan and Lori Sussel, Columbia University

Estee Rubien-Thomas .................. 12:00 PM, CC-17
Presentation Title: Cognitive and Neuroplastic Effects of Chronic Morphine and Morphine Withdrawal in Mice
Research Mentor: Irwin Lucki
Research Institution: University of Pennsylvania
Home Institution: Wesleyan University
Home Institution: Bethany Brookshire and Irwin Lucki, University of Pennsylvania
AB

Rachel Rudlaff ............................ 3:00 PM, CC-13
Presentation Title: Malarial Anemia: The Role of Homeostasis and Autoimmunity
Research Mentor: Ana Rodriguez
Research Institution: New York University Sackler Institute
Home Institution: Michigan State University
Co-Authors: Ana Rodriguez and Cristina Fernandez Arias, New York University
AB

Guy Sakamoto ............................. 3:15 PM, CC-24
Presentation Title: A Systematic Review of Research on the Consequences of Maternal Incarceration for Children
Research Mentor: Christopher Wildeman
Research Institution: Yale University
Home Institution: Chaminade University of Honolulu
Co-Authors: Christopher Wildeman, Yale University
SS

Lina Sanchez .............................. 12:15 PM, CC-15
Presentation Title: Survival of Host-Passaged Vibrio cholerae Under Various Stress Conditions
Research Mentor: Andrew Camilli
Research Institution: Tufts University BioMedical Sciences
Home Institution: Clark University
Co-Authors: Faith Wallace-Gadsden and Andrew Camilli, Tufts University School of Graduate Biomedical Sciences
BB

Emilce Santana ............................ 3:30 PM, CC-24
Presentation Title: Re-examining the Educational Outcomes of U.S. Hispanic/Latino Children of Immigrants
Research Mentor: Angel Harris
Research Institution: Princeton University
Home Institution: University of Pennsylvania
Co-Authors: Angel L. Harris, Princeton University
SS
Patricia Mae Santos ..........................3:45 PM, CC-16
Presentation Title: Identifying RNA Sequestered by Pathologic TDP43 in Frontotemporal Lobar Dementia and Amyotrophic Lateral Sclerosis
Research Mentor: Patricia Santos
Research Institution: University of Pennsylvania
Home Institution: Brown University
Co-Authors: Edward B. Lee, University of Pennsylvania

Melanie Santos-Marrero .................12:30 PM, CC-14
Presentation Title: Does TGF-beta Inhibition Increase Immunogenic Cell Death in Irradiated Cancer Cells?
Research Mentor: Mary Helen Barcellos-Hoff
Research Institution: New York University Sackler Institute
Home Institution: UPR-Mayaguez
Co-Authors: Mary Helen Barcellos-Hoff, Ilenia Pellicciotta and Derek Francis, New York University

Jonathon Savage ..............................2:45 PM, CC-26
Presentation Title: Product Place(ment): Spatial Branding and the Unfamiliar Geography of Materialism in Don DeLillo and Colson Whitehead
Research Mentor: Patrick Deer
Research Institution: New York University Sackler Institute
Home Institution: University of North Texas
Co-Authors: Patrick Deer, New York University

Blake Scott .................................12:15 PM, CC-13
Presentation Title: Barx1 and Wnt Signaling: The Characterization of a Homeobox Gene in Gastric Carcinogenesis
Research Mentor: Stephen Meltzer
Research Institution: Johns Hopkins University
Home Institution: East Central University
Co-Authors: Stephen Meltzer, John Abraham and Jee Hoon Song, Johns Hopkins University

LaTonya Simon .................................3:30 PM, CC-22
Presentation Title: Directing Motor Axon Outgrowth Using Hydrogels
Research Mentor: Kristi Anseth
Research Institution: University of Colorado Boulder
Home Institution: University of Maryland, Baltimore County
Co-Authors: Kristi Anseth and Mirza Peljto, University of Colorado at Boulder

April Sosa .......................................11:15 AM, CC-12
Presentation Title: Severe Traumatic Brain Injury in Rats Affects Markers of Memory Maintenance and Neurodegeneration
Research Mentor: Peter Serrano
Research Institution: Hunter College
Home Institution: George Washington University
Co-Authors: Aissatou Diallo, Maria Pereira-Figueiredo and Peter Serrano, Hunter College
Emilio Soto ................................. 12:30 PM, CC-13
Presentation Title: Epigenetic Regulation of Notch Signaling
Research Mentor: Tao Sun
Research Institution: Weill Cornell Medical College
Home Institution: UPR-Rio Piedras
Co-Authors: Tao Sun and Janet Hong, Weill Cornell Graduate School of Medical Sciences
BB

Melissa Spear ................................. 12:00 PM, CC-13
Presentation Title: The Role of Leucine-Rich Repeat (in Flightless I) Interacting Protein-1 in the Wnt/Beta-catenin Pathway
Research Mentor: Kathleen Sullivan
Research Institution: University of Pennsylvania
Home Institution: University of Texas at El Paso
Co-Authors: Kathleen E. Sullivan, University of Pennsylvania
BB

Jaimie Stewart ............................... 4:45 PM, CC-21
Presentation Title: Enzyme-Degradable Hydrogel System Modeled by Microparticles
Research Mentor: Stephanie Bryant
Research Institution: University of Colorado Boulder
Home Institution: University of Illinois at Chicago
Co-Authors: Stacey Skaalure and Stephanie Bryant, University of Colorado at Boulder
AB

Hudson Stoner ............................... 4:45 PM, CC-14
Presentation Title: Gamma Sarcoglycan-mediated Signal Transduction in Skeletal Muscle
Research Mentor: Elisabeth Barton
Research Institution: University of Pennsylvania
Home Institution: Allegheny College
Co-Authors: Elisabeth Barton and Janelle Spinazzola, University of Pennsylvania
BB

Camille Suarez .............................. 11:30 AM, CC-26
Research Mentor: James Roane
Research Institution: Columbia University
Home Institution: University of Notre Dame
Co-Authors: Samuel K. Roberts and James T. Roane, Columbia University
HU

Isaiah Sypher ................................. 4:45 PM, CC-23
Presentation Title: Analyzing Motivational Factors in Depression
Research Mentor: Ian Gotlib
Research Institution: Stanford University
Home Institution: Wesleyan University
Co-Authors: Ian Gotlib, Stanford University School of Humanities & Sciences
SS

Christy Taylor ............................... 4:45 PM, CC-16
Presentation Title: An Investigation of the Molecular and Mechanical Regulation of Cell Migration in Drosophila
Research Mentor: Michelle Starz-Gaiano
Research Institution: University of Maryland, Baltimore County
Home Institution: University of Miami
Co-Authors: Jinal Sheth, Amanda Monahan and Michelle Starz-Gaiano, University of Maryland, Baltimore County
BB

Noor Tell .......................... 12:30 PM, CC-23
Presentation Title: Calculating Surface Area of Fractal Bacterial Flocs
Research Mentor: David Bortz
Research Institution: University of Colorado Boulder
Home Institution: Wesleyan University
Co-Authors: David Bortz, University of Colorado at Boulder
PS

Brooke Thomas .......................... 11:15 AM, CC-26
Presentation Title: Substance Over Style: Reconsidering Chicago's Black Elite between 1930-1960
Research Mentor: Adam Green
Research Institution: University of Chicago
Home Institution: Spelman College
Co-Authors: Adam Green, University of Chicago
HU

Paul Tran .......................... 12:15 PM, CC-26
Presentation Title: Standing on the Edge of Each Other's Battles: Race, Higher Education, & the Third World Freedom Struggle, 1976-1996
Research Mentor: Liza Cariaga-Lo
Research Institution: Harvard University
Home Institution: Brown University
Co-Authors: Liza Cariaga-Lo, Harvard University Arts and Sciences; Naoko Shibusawa and Francoise Hamlin, Brown University
HU
Tyehimba Turner ..............................5:00 PM, CC-14
Presentation Title: Identifying Novel Metabolic Pathways Involved in Rebaudioside A Breakdown and Transport in Wild Type Microbes
Research Mentor: Tyehimba Turner
Research Institution: University of Chicago
Home Institution: Dominican University
Co-Authors: Sean Crosson and Aretha Fiebig, University of Chicago

Janice Vicenty........................................5:00 PM, CC-21
Presentation Title: MARCKS Peptide's Phenylalanine Role in Sensing Membrane Curvature
Research Mentor: Hang (Hubert) Yin
Research Institution: University of Colorado Boulder
Home Institution: UPR-Mayaguez
Co-Authors: Hang Yin and Leslie Morton, University of Colorado at Boulder

David Turner III .............................12:30 PM, CC-27
Presentation Title: Minority Students, Financial Aid, and the Finish Line: College Access and Completion in Texas
Research Mentor: Stella Flores
Research Institution: Vanderbilt University
Home Institution: CSU Dominguez Hills
Co-Authors: Stella Flores and Toby Park, Vanderbilt University

Vanessa Vieira.......................................5:00 PM, CC-27
Presentation Title: Investigating the Movement Prediction Function of the Cerebellum
Research Mentor: Eric Lang
Research Institution: New York University Sackler Institute
Home Institution: UMass Dartmouth
Co-Authors: Eric Lang, New York University

Osaze Udeagbala ..............................5:45 PM, CC-11
Presentation Title: Real-Time Single-Molecule Visualization of Prokaryotic Transcriptional Regulation
Research Mentor: Osaze Udeagbala
Research Institution: Memorial Sloan Kettering Cancer Center
Home Institution: Cooper Union
Co-Authors: Alexandros Pertsinidis, Weill Cornell/Rockefeller/Sloan-Kettering

Emile Vieta ........................................3:45 PM, CC-22
Presentation Title: Silver Nanoparticle-based Imaging Agents for Breast X-ray Imaging
Research Mentor: Andrew Maidment
Research Institution: University of Pennsylvania............. UPR-Mayaguez
Home Institution: Roshan Karunamuni, Andrew
Co-Authors: Tsourkas and Andrew Maidment, University of Pennsylvania

Glenda Ullauri ....................................3:45 PM, CC-25
Presentation Title: Global Environmentalism in the Rio+20 Conference: Political Crisis in the Making of a Sustainable Future
Research Mentor: Bret Gustafson
Research Institution: Washington University in St. Louis
Home Institution: City College of New York
Co-Authors: Bret Gustafson, Washington University in St. Louis

Cynthia Villacis .................................3:30 PM, CC-25
Presentation Title: Partisan Taunting in Congress
Research Mentor: Justin Grimmer
Research Institution: Stanford University
Home Institution: University of San Diego
Co-Authors: Justin Grimmer, Stanford University School of Humanities & Sciences; Gary King and Chiara Superti, Harvard University Arts and Sciences

Marcos Villarreal ...........................11:15 AM, CC-15
Presentation Title: How Mycobacterium vaccae May Cure Chronic Depression
Research Mentor: Chris Lowry
Research Institution: University of Colorado Boulder
Home Institution: Boston University
Co-Authors: Christopher Lowry and Nina Donner, University of Colorado at Boulder

Alexander Vega .............................. 11:45 AM, CC-11
Presentation Title: HIV-2 Nucleocapsid Protein
Research Mentor: Michael Summers
Research Institution: University of Maryland, Baltimore County
Home Institution: University of West Florida
Co-Authors: Michael F. Summers, YuanYuan Liu and Venki Ramakrishnan, University of Maryland, Baltimore County

BB
Peter Vitale ................................. 12:15 PM, CC-21
Presentation Title: Chemistry of Graphene Oxide
Research Mentor: Charles Drain
Research Institution: Hunter College
Home Institution: Iona College
Co-Authors: Charles Michael Drain, Matthew Jurow and Brian Hageman, Hunter College

Julie Walker ................................. 3:00 PM, CC-21
Presentation Title: A Fingertip Haptic Feedback Device for Remote Palpation with a BioTac Sensor
Research Mentor: Katherine Kuchenbecker
Research Institution: University of Pennsylvania
Home Institution: Rice University
Co-Authors: Katherine Kuchenbecker, Will McMahan and Jennifer Hui, University of Pennsylvania

Sarah Wellington .......................... 5:15 PM, CC-25
Presentation Title: Reclaiming the Sun: Depictions of Female as Sexual and Mythical in Modern Japanese Literature
Research Mentor: Indra Levy
Research Institution: Stanford University
Home Institution: Portland State University
Co-Authors: Indra Levy and Joanna Sturiano, Stanford University School of Humanities & Sciences

Janelle White ............................... 11:15 AM, CC-27
Presentation Title: Intra-Racial Stratification in Chicago During the Civil Rights Era: The Role of Public Education
Research Mentor: Janelle White
Research Institution: University of Chicago
Home Institution: University of Washington
Co-Authors: Ken Warren, University of Chicago

Zollie White III ............................. 12:15 PM, CC-14
Presentation Title: Cross-Regulation of Activin A and TGF-beta in Breast Cancer
Research Mentor: Sandra Demaria
Research Institution: New York University Sackler Institute
Home Institution: Morehouse College
Co-Authors: Claire Vanpouille-Box and Sandra Demaria, New York University

Kathleen Whiteley .......................... 5:00 PM, CC-25
Presentation Title: What the Oral Tradition Means to Contemporary Indigenous Communities: Supporting a UNESCO Grant to Preserve Ojibwe First Nations’ Cultural Landscapes
Research Mentor: Tim Powell
Research Institution: University of Pennsylvania
Home Institution: UC Berkeley
Co-Authors: Tim Powell, University of Pennsylvania

Jasmine Whiteside .......................... 3:45 PM, CC-24
Presentation Title: What If I Think I Can? Understanding the Impact of Positive Thinking on the Future Success of Children in Rural China
Research Mentor: Emily Hannum
Research Institution: University of Pennsylvania
Home Institution: University of Southern Mississippi
Co-Authors: Emily Hannum, University of Pennsylvania

Christina Williams .......................... 4:00 PM, CC-24
Presentation Title: U.S. Foreign Policy Towards Latin America: Pursuing the National Interest (Or Not?)
Research Mentor: Robert Shapiro
Research Institution: Columbia University
Home Institution: Trinity College
Co-Authors: Robert Y. Shapiro, Narayani LaSala Blanco and Amber Spry, Columbia University

Olamide Williams ........................... 3:15 PM, CC-25
Presentation Title: Wilsonian Foreign Policy and the Paradox of Globalization
Research Mentor: Paul Frymer
Research Institution: Princeton University
Home Institution: Columbia University
Co-Authors: Paul Frymer, Princeton University

Clara Woods ................................. 4:00 PM, CC-17
Presentation Title: Effects of Hypertension on the Subcellular Density of the NMDA Receptor in Corticotropin Releasing Factor Type 1 Receptor Containing Neurons in the Mouse Rostral Ventrolateral Medulla
Research Mentor: Michael Glass
Research Institution: Weill Cornell Medical College
Home Institution: University of Pittsburgh
Co-Authors: Michael Glass, Weill Cornell/Rockefeller/ Sloan-Kettering
Christine Wu ................................. 4:45 PM, CC-27
Presentation Title: Subcomponents of Negative Affect and Cortisol Reactivity
Research Mentor: Mariann Weierich
Research Institution: Hunter College
Home Institution: Boston College
Co-Authors: Mariann Weierich and Seungyeon Annie Lyu, Hunter College
SS

Diana Yusim .............................. 5:45 PM, CC-23
Presentation Title: Tri-Institutional MD-PhD Program at Weill Cornell/Rockefeller/Sloan-Kettering: Outcome Analysis at 40 Years after Inception
Research Mentor: Ruth Gotian
Research Institution: Weill Cornell Medical College
Home Institution: City College of New York
Co-Authors: Ruth Gotian and Olaf Andersen, Weill Cornell/Rockefeller/Sloan-Kettering Tri-Institutional MD-PhD Program; Laura Liberman, Memorial Sloan-Kettering Cancer Center
AB

Jorge Zarate Rodriguez ............. 11:30 AM, CC-16
Presentation Title: Sub-therapeutic Antibiotic Treatment and High Fat Diet Alter Murine Body Composition
Research Mentor: Martin Blaser
Research Institution: New York University Sackler Institute
Home Institution: New York University Co-Authors: Laura Cox and Martin Blaser, New York University
AB
## Poster Presentations by Number

BB = Basic Biosciences  
AB = Applied Biosciences  
EN = Engineering  
PE = Policy & Ethics  
PS = Physical Science  
ES = Earth Science  
SS = Social Science  
HU = Humanities

<table>
<thead>
<tr>
<th></th>
<th>Name</th>
<th>Number</th>
<th>Title</th>
<th>Specialties</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Alexander Ballard</td>
<td>AB</td>
<td>Basal Cell Carcinoma, Hedgehog Signaling, and YAP</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Tyler Beckler</td>
<td>AB</td>
<td>Gene Expression Analysis in a Genetic Locus Involved in the Recovery from Peripheral Artery Disease</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Heysol Bermudez Cabrera</td>
<td>AB</td>
<td>Motor Adaptation and Brain Activation following Sudden or Gradual Application of Visual Distortions</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Oladoyin Iranloye</td>
<td>AB</td>
<td>Generation of epitope-tagged Wnts</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Symone Jordan</td>
<td>AB</td>
<td>The Role of AMPA Receptor Plasticity in Cocaine Conditioned Place Preference</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Ernest Nelson</td>
<td>AB</td>
<td>Monocyte-to-Macrophage Differentiation after Endothelial Transmigration</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Valeria Reyes Ruiz</td>
<td>AB</td>
<td>Investigating the InlF-Vimentin Interaction and its Importance for Listeria monocytogenes Brain Infection</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Antonio Roberts</td>
<td>AB</td>
<td>The Well-Being of Adolescents in Vulnerable Environments (WAVE): An Analysis of Adolescent Life in East Baltimore</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Adriana Santiago-Miranda</td>
<td>AB</td>
<td>Surface Nano-topography Enhances Cardiac Tissue Functions on Poly(lactic-co-glycolic acid) Scaffolds</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Angel Solis</td>
<td>AB</td>
<td>The Stability of Gastrokine-1 and Its Affinity to Bacteria</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Janielle Taylor</td>
<td>AB</td>
<td>Analysis of the Development of Synaptic Connections in the Postnatal Cochlea</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Torrieana Triplett</td>
<td>AB</td>
<td>The Interaction between the Peripheral Nervous System and Immune Cells during Inflammation</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>Jaime Vaquer-Alicea III</td>
<td>AB</td>
<td>Effect of APP Transmembrane Domain Stability on its Processive Proteolysis by the Gamma-secretase Complex</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Benjamin Walker</td>
<td>AB</td>
<td>Silencing Hyperactive Neurons: Genetic Engineering a Treatment for Temporal Lobe Epilepsy and Neuropathic Pain</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>StellJo Passes</td>
<td>AB</td>
<td>The Incidents of Radon Level on the Apsaalooke Reservation in Montana</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>Sadia Afroz</td>
<td>BB</td>
<td>Structural Studies of an RNA Frameshifting Motif in HIV-1</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>Bailey Airoldi</td>
<td>BB</td>
<td>Regulation of Biofilm Formation in Pseudomonas fluorescens</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>Jocelyn Akamune</td>
<td>BB</td>
<td>The Localization of TAR-DNA Binding Protein in Mouse Testes</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>Erick Bayala</td>
<td>BB</td>
<td>MADS-box Protein Interactions and Subcellular Localization</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>Hannibal Black</td>
<td>BB</td>
<td>Autophagic and Apoptotic Response of Rat Lung Microvascular Endothelial Cells to Cigarette Smoke Extract</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>Stephanie Cevallos</td>
<td>BB</td>
<td>Does EGFL7 Control Notch Signaling in the Bone Marrow?</td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>Kassi Crocker</td>
<td>BB</td>
<td>Hippo Pathway's Role in Ovarian Development in Drosophila</td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>Denarius Frazier</td>
<td>BB</td>
<td>The Role of Fibroblast growth factor 8 (Fg8) Signaling in Asymmetric Cardiac Morphogenesis in Zebrafish</td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>Sherif Gerges</td>
<td>BB</td>
<td>Utilizing Statistical Analysis to Correlate Methylobacterium Growth Rates with Differing Carbon Sources</td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>Adan Horta</td>
<td>BB</td>
<td>Expression and Distribution Patterns of Peptides along the Gastrointestinal Tract</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>Oluwabusayo Lana</td>
<td>BB</td>
<td>Expression Analysis of Bk Calcium Channel in Cardiomyocyte</td>
<td></td>
</tr>
<tr>
<td>27</td>
<td>Brooke Lewis</td>
<td>BB</td>
<td>Evaluation of Isonicotinamide as an Activator of SIRT3 deacetylase</td>
<td></td>
</tr>
<tr>
<td>28</td>
<td>Emily Lingeman</td>
<td>BB</td>
<td>Taking in Divalent Metals: Functional Studies of Nramp Transporters</td>
<td></td>
</tr>
<tr>
<td>29</td>
<td>Xiaoyu Liu</td>
<td>BB</td>
<td>Localization of a Contextual Fear Memory Trace after Extinction</td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>Daniel Lumpuy</td>
<td>BB</td>
<td>Application of Triplet State Quencher Linked Dyes to Super Resolution Imaging</td>
<td></td>
</tr>
<tr>
<td>No.</td>
<td>Name</td>
<td>Type</td>
<td>Title</td>
<td></td>
</tr>
<tr>
<td>-----</td>
<td>-----------------------------</td>
<td>------</td>
<td>----------------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>31</td>
<td>Paula Marin Acevedo</td>
<td>BB</td>
<td>Mechanisms of Stromal Regulation of Breast Cancer Cell miRNAs which Contribute to Metastasis</td>
<td></td>
</tr>
<tr>
<td>32</td>
<td>Kristy Merloni</td>
<td>BB</td>
<td>Recognition of Damage in Mitochondria by Ubiquitin Receptors in the Mitophagy Pathway</td>
<td></td>
</tr>
<tr>
<td>33</td>
<td>Loron Neil</td>
<td>BB</td>
<td>The Expression of Transient Receptor Potential Melastatin 7 (TRPM 7) in Human Alveolar Basal Epithelial (A549) Cells</td>
<td></td>
</tr>
<tr>
<td>34</td>
<td>Maeva Nyandjo</td>
<td>BB</td>
<td>Positive Selection of Antibody-Labeled Brain Cells through Magnetic Separation</td>
<td></td>
</tr>
<tr>
<td>35</td>
<td>Temidayo Oredur</td>
<td>BB</td>
<td>Model-Based vs. Model-Free Reinforcement Learning</td>
<td></td>
</tr>
<tr>
<td>36</td>
<td>Nora Ortega</td>
<td>BB</td>
<td>Role of the Protein Tyrosine Phosphatase Shp2 in Human Heart Disease</td>
<td></td>
</tr>
<tr>
<td>37</td>
<td>Erica Pursell</td>
<td>BB</td>
<td>Measuring Flexibility of the Inner Ear Sensory Epithelium: Is Stiffness Associated With Regeneration?</td>
<td></td>
</tr>
<tr>
<td>38</td>
<td>Keroles Saleh</td>
<td>BB</td>
<td>Functional Study of Translation Recoding in SARS and MLV Viruses</td>
<td></td>
</tr>
<tr>
<td>39</td>
<td>Crystal Taylor</td>
<td>BB</td>
<td>Social Regulation of PKMzeta in African Cichlid Fish</td>
<td></td>
</tr>
<tr>
<td>40</td>
<td>Phillip Thomas</td>
<td>BB</td>
<td>Screening for Novel Interactions between Chromatin Proteins and Histone Modifications</td>
<td></td>
</tr>
<tr>
<td>41</td>
<td>Debra Whorms</td>
<td>BB</td>
<td>Understanding the Role of the Ketogenic-Ketolytic Axis during Periods of Low Carbohydrate Supply</td>
<td></td>
</tr>
<tr>
<td>42</td>
<td>Saiah Yates</td>
<td>BB</td>
<td>Investigation of the Requirement of Hepcidin Antimicrobial Peptide for the Anemia of Inflammation</td>
<td></td>
</tr>
<tr>
<td>43</td>
<td>Michael Thompson</td>
<td>HU</td>
<td>Altered Dominant Chords in Chopin</td>
<td></td>
</tr>
<tr>
<td>44</td>
<td>Kerisha Burke</td>
<td>PS</td>
<td>Exploring Variations of Graphs with Triangulated n-gons as Vertices: Connectivity &amp; an Upper Bound on the Diameter</td>
<td></td>
</tr>
<tr>
<td>45</td>
<td>David Cherry</td>
<td>PS</td>
<td>Coarse-grained Modeling and Simulation of Actin Filaments</td>
<td></td>
</tr>
<tr>
<td>46</td>
<td>Abbie Gibson</td>
<td>PS</td>
<td>Oscillators in Cellular Automaton</td>
<td></td>
</tr>
<tr>
<td>47</td>
<td>Blossom Metevier</td>
<td>PS</td>
<td>Assessing How Visualization Styles Influence Statistical Reasoning in Medical Science</td>
<td></td>
</tr>
<tr>
<td>48</td>
<td>Michelle Vaisman</td>
<td>PS</td>
<td>Conductance Properties of Single Atomic Layer Exfoliated Graphene Near Nanohole Edges</td>
<td></td>
</tr>
<tr>
<td>49</td>
<td>Joseph Vokt</td>
<td>PS</td>
<td>Developing a framework for ab Initio inhibitor design</td>
<td></td>
</tr>
<tr>
<td>50</td>
<td>Tre Wells</td>
<td>PS</td>
<td>Actin Dynamics at Multiple Resolutions: A Comparison of Methods to Produce Coarse-Grained Models</td>
<td></td>
</tr>
<tr>
<td>51</td>
<td>Naimah Jennings</td>
<td>PE</td>
<td>A Model for Success or Profit: Educational Investment in Latin America as a Means of Sustainable Development</td>
<td></td>
</tr>
<tr>
<td>52</td>
<td>Paige Biller</td>
<td>SS</td>
<td>Ready or Not? Relating Parent-Teacher Beliefs to Kindergarten Outcomes</td>
<td></td>
</tr>
<tr>
<td>53</td>
<td>Victoria Bledsoe</td>
<td>SS</td>
<td>Evaluation of the Harvard University Native American Program’s Recruitment Support Efforts</td>
<td></td>
</tr>
<tr>
<td>54</td>
<td>Alessandra Caruso</td>
<td>SS</td>
<td>The Influences of Traumatic Life Events and PTSD on Young Mothers’ Mind-Mindedness</td>
<td></td>
</tr>
<tr>
<td>55</td>
<td>Nadia Centeno Alvarado</td>
<td>SS</td>
<td>Electrophysiological Changes in Spanish Learners: a Longitudinal Language Learning Study</td>
<td></td>
</tr>
<tr>
<td>56</td>
<td>Myrna Cintron-Valentin</td>
<td>SS</td>
<td>ERP Measures of L2 Processing during Lexical Decision Making Task in Naive Spanish Learners</td>
<td></td>
</tr>
<tr>
<td>57</td>
<td>Alicia Clark</td>
<td>SS</td>
<td>Mathematical Discourse Communities: Enhancing Experiences for English Language Learners</td>
<td></td>
</tr>
<tr>
<td>58</td>
<td>McKenna Corlis</td>
<td>SS</td>
<td>Exploring the Relation of Preschool Language and Behavior Problems on Academic Readiness</td>
<td></td>
</tr>
<tr>
<td>Number</td>
<td>Name</td>
<td>Type</td>
<td>Title</td>
<td></td>
</tr>
<tr>
<td>--------</td>
<td>--------------------</td>
<td>------</td>
<td>----------------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>59</td>
<td>Mercedez Dunn</td>
<td>SS</td>
<td>Data Collection with New Immigrants Participating in Live Well, a Community-Based Participatory Research Study</td>
<td></td>
</tr>
<tr>
<td>60</td>
<td>Tushmit Hasan</td>
<td>SS</td>
<td>The Relation between Academic Choice and Student Engagement in Fifth Grade Mathematics Classrooms</td>
<td></td>
</tr>
<tr>
<td>61</td>
<td>Alesha Henderson</td>
<td>SS</td>
<td>Targeting 18-24 Year Old Daughters of BRCA1/2 Mutation Carriers: How do We Reach and Support Young Women at High Risk for Breast and Ovarian Cancer?</td>
<td></td>
</tr>
<tr>
<td>62</td>
<td>Ashley Jenson</td>
<td>SS</td>
<td>SENSE Theatre: Peer Mediation for the Treatment and Measurement of Social Interaction in Autism</td>
<td></td>
</tr>
<tr>
<td>63</td>
<td>Devin Karbowicz</td>
<td>SS</td>
<td>The Enjoyment of Shared Online Experiences</td>
<td></td>
</tr>
<tr>
<td>64</td>
<td>Seanna Leath</td>
<td>SS</td>
<td>Examining Associations between Racial Socialization, Racial Identity, and School Adjustment among Bi-Racial Adolescents</td>
<td></td>
</tr>
<tr>
<td>65</td>
<td>Janina Maratita</td>
<td>SS</td>
<td>Exoneration: Flaws in the Criminal Justice System and their Effects on the Falsely Accused</td>
<td></td>
</tr>
<tr>
<td>66</td>
<td>Thomas Quiroz</td>
<td>SS</td>
<td>Leisons of Dorsolateral Striatum and Dorsomedial Striatum Disrupt Habit Formation in Instrumental Learning</td>
<td></td>
</tr>
<tr>
<td>67</td>
<td>Nicole Ryan</td>
<td>SS</td>
<td>What's Love Got to Do with It: How Partner Relationship Quality Affects the Association between Child Maltreatment and Adolescent Risk-taking Behavior</td>
<td></td>
</tr>
<tr>
<td>68</td>
<td>Onaje Smartt</td>
<td>SS</td>
<td>Demographic Risk and Disruptive Behavior: Are the number of Adults in the Home Related to Teacher-Child Intervention Outcomes?</td>
<td></td>
</tr>
<tr>
<td>69</td>
<td>Michelle Stith</td>
<td>SS</td>
<td>Banking Time and Child Time: Quality of Teacher-Child Interactions and the Role of Child Characteristics</td>
<td></td>
</tr>
<tr>
<td>70</td>
<td>Caroline Titan</td>
<td>SS</td>
<td>Different Strokes for Different Folks: The Differences within Teacher-Parent Readiness Beliefs</td>
<td></td>
</tr>
<tr>
<td>71</td>
<td>Alana Tunstel</td>
<td>SS</td>
<td>Relationships between Explicit Narrative Instruction, Vocabulary, and Narrative Language Skills in Preschool</td>
<td></td>
</tr>
<tr>
<td>72</td>
<td>Brian Walsh</td>
<td>SS</td>
<td>Education as an Investment in Public Safety: A Case Example of the Prison University Project at San Quentin</td>
<td></td>
</tr>
<tr>
<td>73</td>
<td>Charles Wilkes</td>
<td>SS</td>
<td>Measuring Conceptions of Statistics: An Analysis of Items and Respondent Patterns</td>
<td></td>
</tr>
<tr>
<td>74</td>
<td>Yasmin Zakiniaez</td>
<td>SS</td>
<td>Amphetamine Effects on Default Mode Network during Emotional Processing in Healthy Young Adults</td>
<td></td>
</tr>
<tr>
<td>75</td>
<td>Nicole Yamase</td>
<td>ES</td>
<td>Growth and Competition of Anadyomene in Biscayne Bay, Florida Research Mentor: Diego Lirman</td>
<td></td>
</tr>
<tr>
<td>76</td>
<td>Andre Jordan</td>
<td>AB</td>
<td>Alleviation of Neuropathic Pain through Intraspinal Injection of [Ser1] histogranin and Endomorphin-2 Genes in Rats</td>
<td></td>
</tr>
<tr>
<td>77</td>
<td>Rice Poster</td>
<td>ES</td>
<td>Effects of Ocean Acidification on Mesocosm Coral Calcification Rates</td>
<td></td>
</tr>
</tbody>
</table>
Poster Presentations by Name

Sadia Afroz, 16 ......................... 9:45-10:45 AM
Presentation Title: Structural Studies of an RNA Frameshifting Motif in HIV-1
Research Mentor: Victoria D’Souza
Research Institution: Harvard University
Home Institution: Hunter College
Carolina Salguero and Victoria D’Souza, Harvard University Arts and Sciences

Bailey Airoldi, 17 ....................... 8:45-9:45 AM
Presentation Title: Regulation of Biofilm Formation in Pseudomonas fluorescens
Research Mentor: George O’Toole
Research Institution: Dartmouth College
Home Institution: St. Lawrence University
Co-Authors: Chelsea Boyd and George O’Toole, Dartmouth College

Jocelyn Akamune, 18 ................. 9:45-10:45 AM
Presentation Title: The Localization of TAR-DNA Binding Protein in Mouse Testes
Research Mentor: Prabhakara Reddi
Research Institution: University of Virginia School of Medicine
Home Institution: University of Maryland, Baltimore County
Co-Authors: Prabhakara Reddi and Hari Osuru, University of Virginia - BioMedical Sciences

Alexander Ballard, 1 .................. 8:45-9:45 AM
Presentation Title: Basal Cell Carcinoma, Hedgehog Signaling, and YAP
Research Mentor: Fernando Camargo
Research Institution: Harvard University, Division of Medical Sciences
Home Institution: University of Maryland, Baltimore County
Co-Authors: Fernando Camargo, Harvard University Stem Cell Institute and Children’s Hospital Boston; Karin Schlegelmilch, Children’s Hospital Boston

Erick Bayala, 19 ......................... 8:45-9:45 AM
Presentation Title: MADS-box Protein Interactions and Subcellular Localization
Research Mentor: Elena Kramer
Research Institution: Harvard University
Home Institution: UPR-Humacao
Co-Authors: Elena Kramer, Lynn Holappa and Cheng-Chiang Wu, Harvard University Arts and Sciences

Tyler Beckler, 2 ....................... 9:45-10:45 AM
Presentation Title: Gene Expression Analysis in a Genetic Locus Involved in the Recovery from Peripheral Artery Disease
Research Mentor: Tyler Beckler
Research Institution: University of Virginia School of Medicine
Home Institution: Gardner-Webb University
Co-Authors: Madeline Sargent, Ayotunde Dokun and Brian Annex, University of Virginia - BioMedical Sciences

Heysol Bermudez Cabrera, 3 ........ 8:45-9:45 AM
Presentation Title: Motor Adaptation and Brain Activation following Sudden or Gradual Application of Visual Distortions
Research Mentor: Jerome Sanes
Research Institution: Brown University
Home Institution: Hunter College
Co-Authors: Jerome Sanes, Patrick Bedard and Thomas Kishkovich, Brown University

Paige Biller, 52 ......................... 9:45-10:45 AM
Presentation Title: Ready or Not? Relating Parent-Teacher Beliefs to Kindergarten Outcomes
Research Mentor: James Wyckoff
Research Institution: University of Virginia School of Education
Home Institution: University of Central Florida
Co-Authors: Daphna Bassok, University of Virginia - Education Sciences

Hannibal Black, 20 ..................... 9:45-10:45 AM
Presentation Title: Autophagic and Apoptotic Response of Rat Lung Microvascular Endothelial Cells to Cigarette Smoke Extract
Research Mentor: Elizabeth Harrington
Research Institution: Brown University
Home Institution: Claflin University
Co-Authors: Elizabeth Harrington and Huetran Duong, Brown University

Victoria Bledsoe, 53 ................... 8:45-9:45 AM
Presentation Title: Evaluation of the Harvard University Native American Program's Recruitment Support Efforts
Research Mentor: Dennis Norman
Research Institution: Harvard University
Home Institution: Morgan State University
Co-Authors: Dennis Norman, Jason Packineau and Shelly Lowe, Harvard University Arts and Sciences
Kerisha Burke, 44............................... 9:45-10:45 AM
Presentation Title: Exploring Variations of Graphs with Triangulated n-gons as Vertices: Connectivity & an Upper Bound on the Diameter
Research Mentor: Benson Farb
Research Institution: University of Chicago
Home Institution: Howard University
Co-Authors: Benson Farb and Bena Tshishiku, University of Chicago

Myrna Cintron-Valentin, 56 ............ 9:45-10:45 AM
Presentation Title: ERP Measures of L2 Processing during Lexical Decision Making Task in Naive Spanish Learners
Research Mentor: Phillip Holcomb
Research Institution: Tufts University
Home Institution: UPR-Rio Piedras
Co-Authors: Katherine Midgley, He Pu and Isabella Slaby, Tufts University

Alessandra Caruso, 54 ....................... 9:45-10:45 AM
Presentation Title: The Influences of Traumatic Life Events and PTSD on Young Mothers’ Mind-Mindedness
Research Mentor: Ann Easterbrooks
Research Institution: Tufts University
Home Institution: Georgetown University
Co-Authors: Ann Easterbrooks and Jana Chaudhuri, Tufts University

Alicia Clark, 57 ............................... 8:45-9:45 AM
Presentation Title: Mathematical Discourse Communities: Enhancing Experiences for English Language Learners
Research Mentor: Sara Rimm-Kaufman
Research Institution: University of Virginia School of Education
Home Institution: Hampton University
Co-Authors: Sara Rimm-Kaufman and Eileen Merritt, University of Virginia - Education Sciences

Nadia Centeno Alvarado, 55 ............. 8:45-9:45 AM
Presentation Title: Electrophysiological Changes in Spanish Learners: a Longitudinal Language Learning Study
Research Mentor: Phillip Holcomb
Research Institution: Tufts University
Home Institution: UPR-Cayey
Co-Authors: Katherine J. Midgley, He Pu and Isabella Slaby, Tufts University

McKenna Corlis, 58 ........................... 9:45-10:45 AM
Presentation Title: Exploring the Relation of Preschool Language and Behavior Problems on Academic Readiness
Research Mentor: Anita McGinty
Research Institution: University of Virginia School of Education
Home Institution: Pacific Lutheran University
Co-Authors: Anita McGinty and Lindsay Forston, University of Virginia - Education Sciences

Stephanie Cevallos, 21 ...................... 8:45-9:45 AM
Presentation Title: Does EGFL7 Control Notch Signaling in the Bone Marrow?
Research Mentor: Heidi Stuhlmann
Research Institution: Weill Cornell Graduate School
Home Institution: Hunter College
Co-Authors: Donna Nichol and Heidi Stuhlmann, Weill Cornell Graduate School of Medical Sciences

David Cherry, 45 .............................. 8:45-9:45 AM
Presentation Title: Coarse-grained Modeling and Simulation of Actin Filaments
Research Mentor: Nina Hinrichs
Research Institution: University of Chicago
Home Institution: Morehouse College
Co-Authors: Esmael Haddadian, University of Chicago

Mercedez Dunn, 59 .......................... 8:45-9:45 AM
Presentation Title: Data Collection with New Immigrants Participating in Live Well, a Community-Based Participatory Research Study
Research Mentor: Rebecca Boulos
Research Institution: Tufts University
Home Institution: Spelman College
Co-Authors: Rebecca Boulos, Tufts University - Boston campus
Denarius Frazier, 23 ............................. 8:45-9:45 AM
Presentation Title: The Role of Fibroblast growth factor 8 (Fgf8) Signaling in Asymmetric Cardiac Morphogenesis in Zebrafish
Research Mentor: Rebecca Burdine
Research Institution: Princeton University
Home Institution: Morehouse College
Co-Authors: Rebecca D. Burdine and Jessica Williams, Princeton University

Adan Horta, 25 ................................. 8:45-9:45 AM
Presentation Title: Expression and Distribution Patterns of Peptides along the Gastrointestinal Tract
Research Mentor: Stephen Liberles
Research Institution: Harvard University, Division of Medical Sciences
Home Institution: Vanderbilt Medical School; David Strochlic, Harvard University Div. of Medical Sciences

Sherif Gerges, 24 ............................... 9:45-10:45 AM
Presentation Title: Utilizing Statistical Analysis to Correlate Methylobacterium Growth Rates with Differing Carbon Sources
Research Mentor: Christopher Marx
Research Institution: Harvard University
Home Institution: Montclair State University
Co-Authors: Christopher Marx, Nigel Delaney and Paige Swanson, Harvard University Arts and Sciences

Oladoyin Iranloye, 4 ......................... 9:45-10:45 AM
Presentation Title: Generation of epitope-tagged Wnts
Research Mentor: Xi He
Research Institution: Harvard University, Division of Medical Sciences
Home Institution: North Carolina Central University
Co-Authors: Xi He, Children's Hospital Boston and Harvard Medical School; Bryan Mcdonald and Xinjun Zhang, Children's Hospital Boston

Abbie Gibson, 46 ............................. 9:45-10:45 AM
Presentation Title: Oscillators in Cellular Automaton
Research Mentor: Diane Souvaine
Research Institution: Tufts University
Home Institution: Appalachian State University
Co-Authors: Diane Souvaine, Tufts University

Naimah Jennings, 51 ....................... 8:45-9:45 AM
Presentation Title: A Model for Success or Profit: Educational Investment in Latin America as a Means of Sustainable Development
Research Mentor: Amy Whitish- Temple
Research Institution: Harvard University
Home Institution: Spelman College
Co-Authors: Amy Whitish- Temple, LASPAU

Tushmit Hasan, 60 ........................... 9:45-10:45 AM
Presentation Title: The Relation between Academic Choice and Student Engagement in Fifth Grade Mathematics Classrooms
Research Mentor: Sara Rimm-Kaufman
Research Institution: University of Virginia School of Education
Home Institution: University of Pennsylvania
Co-Authors: Eileen Merritt and Sara Rimm-Kaufman, University of Virginia - Education Sciences

Ashley Jenson, 62 ............................. 9:45-10:45 AM
Presentation Title: SENSE Theatre: Peer Mediation for the Treatment and Measurement of Social Interaction in Autism
Research Mentor: Blythe Corbett
Research Institution: Vanderbilt University
Home Institution: Howard University
Co-Authors: David Simon and Blythe A. Corbett, Vanderbilt University

Alesha Henderson, 61 ...................... 8:45-9:45 AM
Presentation Title: Targeting 18-24 Year Old Daughters of BRCA1/2 Mutation Carriers: How do We Reach and Support Young Women at High Risk for Breast and Ovarian Cancer?
Research Mentor: Andrea Patenaude
Research Institution: Harvard University
Home Institution: Spelman College
Co-Authors: Andrea Patenaude, Dana-Farber Cancer Institute

Andre Jordan Poster, 76 ................... 9:45am - 10:45am
Presentation Title: Alleviation of Neuropathic Pain through Intraspinal Injection of [Ser1]histogranin and Endomorphin-2 Genes in Rats
Research Mentor: Jacqueline Sagen
Research Institution: University of Miami
Home Institution: Brooklyn College CUNY
Co-Authors: Stanislava Jergova, University of Miami and Shyam Gajavelli University of Miami
<table>
<thead>
<tr>
<th>Name</th>
<th>Presentation Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Symone Jordan, 5</td>
<td>Poster Presentations by NAME</td>
</tr>
<tr>
<td></td>
<td>Plasticity in Cocaine Conditioned Place Preference</td>
</tr>
<tr>
<td></td>
<td>Research Mentor: Anjali Rajadhyaksha</td>
</tr>
<tr>
<td></td>
<td>Research Institution: Weill Cornell Medical College</td>
</tr>
<tr>
<td></td>
<td>Home Institution: Bowie State University</td>
</tr>
<tr>
<td></td>
<td>Co-Authors: Kathryn C. Schierberl and Dr. Anjali Rajadhyaksha, Weill Cornell Graduate School of Medical Sciences</td>
</tr>
<tr>
<td>Devin Karbowicz, 63</td>
<td>Poster Presentations by NAME</td>
</tr>
<tr>
<td></td>
<td>The Enjoyment of Shared Online Experiences</td>
</tr>
<tr>
<td></td>
<td>Research Mentor: Daniel Gilbert</td>
</tr>
<tr>
<td></td>
<td>Research Institution: Harvard University</td>
</tr>
<tr>
<td></td>
<td>Home Institution: Princeton University</td>
</tr>
<tr>
<td></td>
<td>Co-Authors: Daniel T. Gilbert and Bethany Burum, Harvard University Arts and Sciences</td>
</tr>
<tr>
<td>Oluwabusayo Lana, 26</td>
<td>Poster Presentations by NAME</td>
</tr>
<tr>
<td></td>
<td>Expression Analysis of Bk Calcium Channel in Cardiomyocyte</td>
</tr>
<tr>
<td></td>
<td>Research Mentor: Richard Clements</td>
</tr>
<tr>
<td></td>
<td>Research Institution: Brown University</td>
</tr>
<tr>
<td></td>
<td>Home Institution: University of Maryland, Baltimore County</td>
</tr>
<tr>
<td></td>
<td>Co-Authors: Brenda Cardeiro and Richard Clements, Brown University</td>
</tr>
<tr>
<td>Seanna Leath, 64</td>
<td>Poster Presentations by NAME</td>
</tr>
<tr>
<td></td>
<td>Examining Associations between Racial Socialization, Racial Identity, and School Adjustment among Bi-Racial Adolescents</td>
</tr>
<tr>
<td></td>
<td>Research Mentor: Velma Murry</td>
</tr>
<tr>
<td></td>
<td>Research Institution: Vanderbilt University</td>
</tr>
<tr>
<td></td>
<td>Home Institution: Pomona College</td>
</tr>
<tr>
<td></td>
<td>Co-Authors: Velma Murry and Sonya Myers, Vanderbilt University</td>
</tr>
<tr>
<td>Brooke Lewis, 27</td>
<td>Poster Presentations by NAME</td>
</tr>
<tr>
<td></td>
<td>Evaluation of Isonicotinamide as an Activator of SIRT3 deacetylase</td>
</tr>
<tr>
<td></td>
<td>Research Mentor: Anthony Sauve</td>
</tr>
<tr>
<td></td>
<td>Research Institution: Weill Cornell Graduate School</td>
</tr>
<tr>
<td></td>
<td>Home Institution: Alcorn State University</td>
</tr>
<tr>
<td></td>
<td>Co-Authors: Anthony Sauve and Dou Youn, Weill Cornell Graduate School of Medical Sciences</td>
</tr>
<tr>
<td>Emily Lingeman, 28</td>
<td>Poster Presentations by NAME</td>
</tr>
<tr>
<td></td>
<td>Taking in Divalent Metals: Functional Studies of Nramp Transporters</td>
</tr>
<tr>
<td></td>
<td>Research Mentor: Rachelle Gaudet</td>
</tr>
<tr>
<td></td>
<td>Research Institution: Harvard University</td>
</tr>
<tr>
<td></td>
<td>Home Institution: University of Wisconsin Madison</td>
</tr>
<tr>
<td></td>
<td>Co-Authors: Lukas B. Bane and Rachelle Gaudet, Harvard University Arts and Sciences</td>
</tr>
<tr>
<td>Xiaoyu Liu, 29</td>
<td>Poster Presentations by NAME</td>
</tr>
<tr>
<td></td>
<td>Localization of a Contextual Fear Memory Trace after Extinction</td>
</tr>
<tr>
<td></td>
<td>Research Mentor: Leon Reijmers</td>
</tr>
<tr>
<td></td>
<td>Research Institution: Tufts University BioMedical Sciences</td>
</tr>
<tr>
<td></td>
<td>Home Institution: SUNY Stony Brook</td>
</tr>
<tr>
<td></td>
<td>Co-Authors: Leon Reijmers and Stéphanie Trouche, Tufts University School of Graduate Biomedical Sciences</td>
</tr>
<tr>
<td>Daniel Lumpuy, 30</td>
<td>Poster Presentations by NAME</td>
</tr>
<tr>
<td></td>
<td>Application of Triplet State Quencher Linked Dyes to Super Resolution Imaging</td>
</tr>
<tr>
<td></td>
<td>Research Mentor: Daniel Lumpuy</td>
</tr>
<tr>
<td></td>
<td>Research Institution: Harvard University</td>
</tr>
<tr>
<td></td>
<td>Home Institution: Florida International University</td>
</tr>
<tr>
<td></td>
<td>Co-Authors: Xiaowei Zhuang and Joshua Vaughan, Harvard University Arts and Sciences</td>
</tr>
<tr>
<td>Janina Maratita, 65</td>
<td>Poster Presentations by NAME</td>
</tr>
<tr>
<td></td>
<td>Exoneration: Flaws in the Criminal Justice System and their Effects on the Falsely Accused</td>
</tr>
<tr>
<td></td>
<td>Research Mentor: Janina Maratita</td>
</tr>
<tr>
<td></td>
<td>Research Institution: Harvard University</td>
</tr>
<tr>
<td></td>
<td>Home Institution: Chaminade University of Honolulu</td>
</tr>
<tr>
<td></td>
<td>Co-Authors: Dehla Umunna, Harvard University Arts and Sciences</td>
</tr>
<tr>
<td>Paula Marín Acevedo, 31</td>
<td>Poster Presentations by NAME</td>
</tr>
<tr>
<td></td>
<td>Mechanisms of Stromal Regulation of Breast Cancer Cell miRNAs which Contribute to Metastasis</td>
</tr>
<tr>
<td></td>
<td>Research Mentor: Antoine Karnoub</td>
</tr>
<tr>
<td></td>
<td>Research Institution: Harvard University, Division of Medical Sciences</td>
</tr>
<tr>
<td></td>
<td>Home Institution: UPR-Rio Piedras</td>
</tr>
<tr>
<td></td>
<td>Co-Authors: Benjamin Cuiffo and Antoine Karnoub, Beth Israel Deaconess Medical Center, Harvard Medical School</td>
</tr>
</tbody>
</table>
Kristy Merloni, 32 ......................... 9:45-10:45 AM
Presentation Title: Recognition of Damage in Mitochondria by Ubiquitin Receptors in the Mitophagy Pathway
Research Mentor: Virginia Guarani-Pereira
Research Institution: Harvard University, Division of Medical Sciences
Home Institution: Providence College
Co-Authors: Wade Harper and Virginia Guarani-Pereira, Harvard Medical School

Blossom Metevier, 47 ...................... 8:45-9:45 AM
Presentation Title: Assessing How Visualization Styles Influence Statistical Reasoning in Medical Science
Research Mentor: Remco Chang
Research Institution: Tufts University
Home Institution: University of Maryland, Baltimore County
Co-Authors: Alvitta Ottley and Remco Chang, Tufts University

Loron Neil, 33 ............................. 8:45-9:45 AM
Presentation Title: The Expression of Transient Receptor Potential Melastatin 7 (TRPM 7) in Human Alveolar Basal Epithelial (A549) Cells
Research Mentor: Francoise Freye
Research Institution: Weill Cornell Graduate School
Home Institution: Cornell University
Co-Authors: Stephan Worgall and Yaqin Xu, Weill Cornell Graduate School of Medical Sciences

Temidayo Oreduru, 35 ..................... 8:45-9:45 AM
Presentation Title: Model-Based vs. Model-Free Reinforcement Learning
Research Mentor: Wael Asaad
Research Institution: Brown University
Home Institution: Hunter College
Co-Authors: Wael Asaad, Brown University

Nora Ortega, 36 ............................ 9:45-10:45 AM
Presentation Title: Role of the Protein Tyrosine Phosphatase Shp2 in Human Heart Disease
Research Mentor: Maria Kontaridis
Research Institution: Harvard University, Division of Medical Sciences
Home Institution: University of Texas at El Paso
Co-Authors: Maria Kontaridis, Harvard Medical School and Beth Israel Deaconess Medical Center; Kimberly Keith, Beth Israel Deaconess Medical Center

Stelljo Passes, 15 ........................... 8:45-9:45 AM
Presentation Title: The Incidents of Radon Level on the Apsaalooke Reservation in Montana
Research Mentor: Neva Tall Bear
Research Institution: Little Big Horn College
Home Institution: Little Big Horn College
Co-Authors: Neva Tall Bear, Quintlynn Little Own and Marisol Doporto, Little Big Horn College

Erica Pursell, 37 ........................... 8:45-9:45 AM
Presentation Title: Measuring Flexibility of the Inner Ear Sensory Epithelium: Is Stiffness Associated With Regeneration?
Research Mentor: Jeffrey Corwin
Research Institution: University of Virginia School of Education
Home Institution: University of Arizona
Co-Authors: Jeffrey T. Corwin and Benjamin R. Thiede, University of Virginia - BioMedical Sciences

Thomas Quiroz, 66 .......................... 9:45-10:45 AM
Presentation Title: Leisons of Dorsolateral Striatum and Dorsomedial Striatum Disrupt Habit Formation in Instrumental Learning
Research Mentor: David Bucci
Research Institution: Dartmouth College
Home Institution: California State Polytechnic University
Co-Authors: David Bucci and Andrea M. Robinson, Dartmouth College
Valeria Reyes Ruiz, 7 ......................... 8:45-9:45 AM
Presentation Title: Investigating the InlF-Vimentin Interaction and its Importance for Listeria monocytogenes Brain Infection
Research Mentor: Darren Higgins
Research Institution: Harvard University, Division of Medical Sciences
Home Institution: UPR-Humacao
Co-Authors: Darren Higgins and Elizabeth Halvorsen, Harvard University Div. of Medical Sciences

Mallory Rice Poster, 77 ............... 8:45am -9:45am
Presentation Title: Effects of Ocean Acidification on Mesocosm Coral Calcification Rates
Research Mentor: Chris Langdon
Research Institution: University of Miami
Home Institution: Sonoma State University

Antonio Roberts, 8 ......................... 9:45-10:45 AM
Presentation Title: The Well-Being of Adolescents in Vulnerable Environments (WAVE): An Analysis of Adolescent Life in East Baltimore
Research Mentor: Freya Sonenstein
Research Institution: Johns Hopkins University
Home Institution: Xavier University of Louisiana
Co-Authors: Freya Sonenstein, Beth Marshall and Kristin N. Mmari, Johns Hopkins University

Nicole Ryan, 67 ............................. 8:45-9:45 AM
Presentation Title: What’s Love Got to Do with It: How Partner Relationship Quality Affects the Association between Child Maltreatment and Adolescent Risk-taking Behavior
Research Mentor: Ann Easterbrooks
Research Institution: Tufts University
Home Institution: UPR-Rio Piedras
Co-Authors: Jana Chaudhuri and Ann Easterbrooks, Tufts University

Keroles Saleh, 38 ......................... 9:45-10:45 AM
Functional Study of Translation Recoding in SARS and MLV Viruses
Research Mentor: Victoria D’Souza
Research Institution: Harvard University
Home Institution: Hunter College
Co-Authors: Victoria D’Souza and Michael Dureny, Harvard University Arts and Sciences

Adriana Santiago-Miranda, 9 ............. 8:45-9:45 AM
Presentation Title: Surface Nano-topography Enhances Cardiac Tissue Functions on Poly(lactic-co-glycolic acid) Scaffolds
Research Mentor: Thomas Webster
Research Institution: Brown University
Home Institution: UPR-Mayaguez
Co-Authors: Thomas Webster and David Stout, Brown University

Onaje Smartt, 68 ............................ 9:45-10:45 AM
Presentation Title: Demographic Risk and Disruptive Behavior: Are the number of Adults in the Home Related to Teacher-Child Intervention Outcomes?
Research Mentor: Amanda Wilford
Research Institution: University of Virginia School of Education
Home Institution: Hampton University
Co-Authors: Amanda Wilford, Catherine Sanger (M.Ed) and Karyn Hartz (M.Ed), University of Virginia - Education Sciences

Angel Solis, 10 .............................. 9:45-10:45 AM
Presentation Title: The Stability of Gastrokine-1 and Its Affinity to Bacteria
Research Mentor: Angel Solis
Research Institution: University of Chicago
Home Institution: Carleton College
Co-Authors: David Boone, University of Chicago

Michelle Stith, 69 ........................... 8:45-9:45 AM
Presentation Title: Banking Time and Child Time: Quality of Teacher-Child Interactions and the Role of Child Characteristics
Research Mentor: Amanda Williford
Research Institution: University of Virginia School of Education
Home Institution: North Carolina A&T State University
Co-Authors: Amanda Williford, Catherine Sanger and Karyn Hartz, University of Virginia - Education Sciences

Crystal Taylor, 39 .......................... 8:45-9:45 AM
Presentation Title: Social Regulation of PKMzeta in African Cichlid Fish
Research Mentor: Peter Serrano
Research Institution: Hunter College
Home Institution: University of Miami
Co-Authors: Heike Neumeister, Thomas Preuss and Peter Serrano, Hunter College
Janielle Taylor, 11 ................................. 8:45-9:45 AM
Presentation Title: Analysis of the Development of Synaptic Connections in the Postnatal Cochlea
Research Mentor: Janielle Taylor
Research Institution: Harvard University, Division of Medical Sciences
Home Institution: Emory University
Co-Authors: Gabriel Corfas, Harvard Medical School and Children’s Hospital Boston; Guoqiang Wan, Children's Hospital Boston

Phillip Thomas, 40 ......................... 9:45-10:45 AM
Presentation Title: Screening for Novel Interactions between Chromatin Proteins and Histone Modifications
Research Mentor: Sean Taverna
Research Institution: Johns Hopkins University
Home Institution: North Carolina A&T State University
Co-Authors: Romeo Papazyan, Tonya Gilbert and Sean Taverna, Johns Hopkins University

Michael Thompson, 43 ..................... 8:45-9:45 AM
Presentation Title: Altered Dominant Chords in Chopin
Research Mentor: Steven Rings
Research Institution: University of Chicago
Home Institution: University of Notre Dame
Co-Authors: Steven Rings, University of Chicago

Caroline Titan, 70 ............................. 9:45-10:45 AM
Presentation Title: Different Strokes for Different Folks: The Differences within Teacher-Parent Readiness Beliefs
Research Mentor: Daphna Bassok
Research Institution: University of Virginia School of Education
Home Institution: University of Michigan-Ann Arbor
Co-Authors: Daphna Bassok, University of Virginia - Education Sciences

Torrieana Triplett, 12 ......................... 9:45-10:45 AM
Presentation Title: The Interaction between the Peripheral Nervous System and Immune Cells during Inflammation
Research Mentor: Clifford Woolf
Research Institution: Harvard University, Division of Medical Sciences
Home Institution: Agnes Scott College
Co-Authors: Clifford Woolf, Isaac Chiu and Nader Ghasemlou, Harvard University Div. of Medical Sciences

Alana Tunstel, 71 ................................. 8:45-9:45 AM
Presentation Title: Relationships between Explicit Narrative Instruction, Vocabulary, and Narrative Language Skills in Preschool
Research Mentor: Anita McGinty
Research Institution: University of Virginia School of Education
Home Institution: Spelman College
Co-Authors: Anita McGinty and Lindsay Forston, University of Virginia - Education Sciences

Michelle Vaisman, 48 ......................... 9:45-10:45 AM
Presentation Title: Conductance Properties of Single Atomic Layer Exfoliated Graphene Near Nanohole Edges
Research Mentor: Michelle Vaisman
Research Institution: Harvard University
Home Institution: UC Berkeley
Co-Authors: David Bell, Robert Westervelt and Sagar Bhandari, Harvard University Arts and Sciences

Jaime Vaquer-Alicea III, 13 ................... 8:45-9:45 AM
Presentation Title: Effect of APP Transmembrane Domain Stability on its Processive Proteolysis by the Gamma-secretase Complex
Research Mentor: Michael Wolfe
Research Institution: Harvard University, Division of Medical Sciences
Home Institution: UPR-Rio Piedras
Co-Authors: Marty Fernández, Harvard University Div. of Medical Sciences; Michael Wolfe, Harvard Medical School and Brigham and Women's Hospital

Joseph Vokt, 49 ................................. 8:45-9:45 AM
Presentation Title: Developing a framework for ab Initio inhibitor design
Research Mentor: Heather Kulik
Research Institution: Stanford University Engineering
Home Institution: Cornell University
Co-Authors: Heather Kulik and Todd Martinez, Stanford University School of Humanities & Sciences

Benjamin Walker, 14 .......................... 9:45-10:45 AM
Presentation Title: Silencing Hyperactive Neurons: Genetic Engineering a Treatment for Temporal Lobe Epilepsy and Neuropathic Pain
Research Mentor: Edward Perez-Reyes
Research Institution: University of Virginia School of Medicine
Home Institution: Purdue University
Co-Authors: Edward Perez-Reyes, University of Virginia - BioMedical Sciences
Brian Walsh, 72 ......................... 9:45-10:45 AM
Presentation Title: Education as an Investment in Public Safety: A Case Example of the Prison University Project at San Quentin
Research Mentor: Kaia Stern
Research Institution: Harvard University
Home Institution: Chaminade University of Honolulu
Co-Authors: Kaia Stern, Harvard University Arts and Sciences

Tre Wells, 50 ......................... 9:45-10:45 AM
Presentation Title: Actin Dynamics at Multiple Resolutions: A Comparison of Methods to Produce Coarse-Grained Models
Research Mentor: Esmael Haddadian
Research Institution: University of Chicago
Home Institution: Morehouse College
Co-Authors: Esmael Haddadian, University of Chicago

Debra Whorms, 41 ......................... 8:45-9:45 AM
Presentation Title: Understanding the Role of the Ketogenic-Ketolytic Axis during Periods of Low Carbohydrate Supply
Research Mentor: Peter Crawford
Research Institution: Washington University in St. Louis
Home Institution: York College CUNY
Co-Authors: Peter Crawford and David Cotter, Washington University in St. Louis

Charles Wilkes, 73 ......................... 8:45-9:45 AM
Presentation Title: Measuring Conceptions of Statistics: An Analysis of Items and Respondent Patterns
Research Mentor: Richard Lehrer
Research Institution: Vanderbilt University
Home Institution: Morehouse College
Co-Authors: Richard Lehrer and Seth Jones, Vanderbilt University

Nicole Yamase Poster, 75 ................. 8:45am-9:45am
Presentation Title: Growth and Competition of Anadyomene in Biscayne Bay, Florida
Research Mentor: Diego Lirman
Research Institution: University of Miami
Home Institution: Chaminade University of Honolulu

Saiah Yates, 42 ......................... 9:45-10:45 AM
Presentation Title: Investigation of the Requirement of Hepcidin Antimicrobial Peptide for the Anemia of Inflammation
Research Mentor: Cindy Roy
Research Institution: Johns Hopkins University
Home Institution: University of Maryland, Baltimore County
Co-Authors: Laurette Femnou, Jacqueline M. Langdon and Cindy N. Roy, Johns Hopkins University

Yasmin Zakiniaeiz, 74 ......................... 9:45-10:45 AM
Presentation Title: Amphetamine Effects on Default Mode Network during Emotional Processing in Healthy Young Adults
Research Mentor: Tara White
Research Institution: Brown University
Home Institution: Hunter College
Co-Authors: Tara White, Uraina Clark and Lawrence Sweet, Brown University
Doctoral Scholar Participants

Adriana Arita  
Cancer Research Training Award Fellow  
National Cancer Institute  
National Institutes of Health  
adriana.arita@gmail.com

Travis Boyce  
Assistant Professor  
Africana Studies & Social Sciences  
University of Northern Colorado  
travis.boyce@unco.edu

Gahodery Cambry  
Political Science  
Yale University  
gkcambr@gmail.com

Candace Carroll  
Postdoctoral Research Associate  
Biomedical Sciences  
St. Jude Children’s Research Hospital  
candace.e.carroll@gmail.com

Yolanda Covington-Ward  
Assistant Professor  
Anthropology  
University of Pittsburgh  
ydc1@pitt.edu

Arnaldo Diaz  
Associate Director Recruitment & Special Programs;  
Biomedical Graduate Studies  
University of Pennsylvania  
diaza@mail.med.upenn.edu

Nicholas Everage  
Epidemiologist  
Epidemiology  
OptumInsight  
nickeverage@gmail.com

Kenneth Gibbs  
AAAS Science & Technology Policy Fellow  
Directorate of Education and Human Resource Development  
National Science Foundation  
kgibbs@nsf.gov

Kim Green  
Assistant Professor  
English  
Claffin University  
kgreen@claffin.edu

Teshell Greene  
Postdoctoral Fellow  
Hematology  
Children’s Hospital of Philadelphia  
teshellpg@gmail.com

Frederick Gregory  
Program Manager  
Division of Science and Mathematics  
Morehouse College  
gregoryphd@gmail.com

Brian Hannah  
Biodefense Biochemist/Branch Chief, Cell Culture  
Virology  
Fox Chase Cancer Center  
bhannahphd@gmail.com

Marta Holliday  
Assistant Professor  
English/Humanities  
Alabama State University  
mholliday@alsu.edu

Marcus Jones  
Assistant Professor  
Infectious Disease/Genomic Medicine  
The Craig Venter Institute  
mjones@jcvl.org

Tiffany Joseph  
Robert Wood Johnson Foundation Health Policy Scholar  
Sociology  
Harvard University  
jjoseph@rwj.harvard.edu

Joeli Marrero  
Microbiology  
Cornell University  
gioeli@gmail.com

Chelsea Martinez  
CHCI Graduate Fellow  
The White House Office of Science and Technology Policy  
dr.chelseamartinez@gmail.com

Christina Medina-Ramirez  
Postdoctoral Fellow  
Radiation Oncology  
Albert Einstein College of Medicine of Yeshiva University  
christina.medina-ramirez@nyumc.org

Tania Nevers  
Postdoctoral Associate  
Pediatrics  
Women & Infants Hospital  
TNevers@wihri.org

Courttni Newsome  
Postdoctoral Fellow  
Pediatrics  
Robert Wood Johnson Medical School  
newsomc@umdnj.edu

Chinonye Nnakwe  
Director of Graduate Diversity Recruitment  
Pathology  
University of Chicago  
ccnnakwe@uchicago.edu

Kwame Osei-Sarfo  
Postdoctoral Fellow  
Pharmacology  
Weill Cornell Medical College  
kwo2002@med.cornell.edu

Cesar Perez  
Senior Regulatory Operations Officer  
Office of Compliance  
Food and Drug Administration  
cesar.perez@fda.hhs.gov

Damani Piggott  
Fellow  
Medicine/Infectious Diseases  
Johns Hopkins University  
dpiggott@jhsp.edu

Leslie Rivera Rosado  
IOTF Fellow  
Division of Therapeutic Proteins  
Food and Drug Administration  
leslie.a.rivera@gmail.com

JoyAnn Rohan  
Project Manager  
Cancer Diagnosis Program  
National Cancer Institute  
jphillipsrohan@gmail.com

Shella Saint Fleur-Lominy  
Research Track Resident  
Internal Medicine Hematology/Oncology  
New York University Sackler Institute  
ssf224@nyumc.org

Edgardo Sanabria-Valentín  
Staff Scientist  
Research and Development  
Sample6 Technologies, Inc.  
edgardo.sanabria@gmail.com

Amena Smith  
Fourth Year Medical Student  
Medical University of South Carolina  
smithame@musc.edu

Tammi Taylor  
Postdoctoral Research Fellow  
Anesthesiology and Neurology  
Emory University  
tmtayl4@emory.edu

Eric Villegas  
Research Microbiologist  
National Exposure Research Laboratory  
Environmental Protection Agency  
villegas.eric@epa.gov

Aisha Walker  
Postdoctoral Associate  
Pharmaceutical Sciences  
St. Jude Children’s Research Hospital  
aisha.walker@stjude.org

Scharri Walker  
Postdoctoral Fellow  
Pharmacology/Toxicology  
University of Alabama-Birmingham  
scharri.walker@gmail.com

Erica Williams  
Assistant Professor  
Sociology and Anthropology  
Spelman College  
ewilli29@spelman.edu
Faculty, Administrators, and Other Participants

Cheryl Apprey  
Director, Graduate Student Diversity Programs  
Office of the VP for Research  
University of Virginia  
cbe3x@virginia.edu

Richard Assoian  
Professor of Pharmacology and Interim Director  
Biomedical Graduate Studies  
University of Pennsylvania  
assoian@mail.med.upenn.edu

Anisah Bagasra  
Assistant Professor of Psychology  
History and Sociology  
Claflin University  
abagasra@claflin.edu

Earnestine Baker  
Assistant to the Vice President of Institutional Advancement  
Executive Director, Meyerhoff Scholarship Program  
University of Maryland, Baltimore County  
erbaker@umbc.edu

Rita Banz  
Asst. Director of Graduate Affairs and Admissions  
Arts and Sciences Dean's Office  
Johns Hopkins University  
banz@jhu.edu

Tyrone Barksdale  
Assistant to the Provost/Special Projects Analyst  
Office of the Provost  
Howard University  
tbarksdale@howard.edu

Geneva Baxter  
Associate Academic Dean  
Office of Undergraduate Studies  
Spelman College  
gbaxter@selman.edu

Jabbar Bennett  
Associate Dean  
Graduate School/Division of Biology and Medicine  
Brown University  
jabbar_bennett@brown.edu

Asya Berger  
Director  
The Humanities Initiative at NYU  
New York University  
asya.berger@nyu.edu

Anastacia Berzat  
Scientific Program Manager  
Office of Education, Diversity & Inclusion  
Novartis Institutes for Biomedical Research  
anastacia.berzat@novartis.com

Anita Blanco  
Director of Diversity in Genetics  
Department of Genetics  
Stanford University  
ablanco@stanford.edu

Daphne Brooks  
Professor of English and African American Studies  
Department of English  
Princeton University  
brooksd@princeton.edu

Dawn Brown  
Research Scientist  
Animal Health  
Eli Lilly and Company  
brown.dawn@lilly.com

Joseph Brown  
Graduate Diversity Recruitment Officer  
School of Humanities and Sciences  
Stanford University  
jlbrown@stanford.edu

Don Brunson  
Assistant Dean  
Graduate School  
Vanderbilt University  
don.c.brunson@vanderbilt.edu

Pat Cabral  
Consultant  
The Leadership Alliance  
Yale University  
pat.cabral@sbcglobal.net

Andrew Campbell  
Associate Professor of Medical Science  
Molecular Microbiology and Immunology  
Brown University  
andrew_campbel@brown.edu

Liza Cariaga-Lo  
Associate Provost for Academic Development and Diversity  
Brown University  
liza_cariaga-lo@brown.edu

Roger Chalkley  
Senior Associate Dean  
Biomedical Research Education  
Vanderbilt University  
roger.chalkley@vanderbilt.edu

Deborah Collins  
Associate Director  
The Leadership Alliance  
Brown University  
d_collins@brown.edu

Ricardo Cordero-Soto  
Assistant Professor of Mathematics  
Department of Natural and Mathematical Sciences  
California Baptist University  
rcordero@calbaptist.edu

Talesha Cuthbertson  
Volunteer  
The Leadership Alliance  
Johns Hopkins University  
talesha@comcast.net

Yvette Dalton-McCoy  
Associate Director Graduate Diversity Programs  
Provost's Office  
Tufts University  
yvette.dalton-mccoy@tufts.edu

Lesley Davenport  
Professor  
Department of Chemistry  
Brooklyn College CUNY  
lvnpport@brooklyn.cuny.edu

Janet Davidson  
Associate Professor  
Criminology & Criminal Justice  
Chaminade University of Honolulu  
jdavidso@chaminade.edu

Lloyd Douglas  
Associate Director  
Office of Sponsored Programs  
University of North Carolina Greensboro  
ledougl2@uncg.edu

Gabrielle DoVale  
Volunteer  
The Leadership Alliance  
Brown University  
gabz2098@gmail.com

Maria DoVale  
Executive Assistant/Project Coordinator  
The Leadership Alliance  
Brown University  
maria_dovale@brown.edu
<table>
<thead>
<tr>
<th>Name</th>
<th>Title and Affiliation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dawn Eastmond</td>
<td>Director of Education Kellogg School of Science and Technology The Scripps Research Institute <a href="mailto:eduprgm@scripps.edu">eduprgm@scripps.edu</a></td>
</tr>
<tr>
<td>Cheryl Edelson</td>
<td>Associate Professor English Chaminade University of Honolulu <a href="mailto:cedelson@chaminade.edu">cedelson@chaminade.edu</a></td>
</tr>
<tr>
<td>Michael Escosia</td>
<td>Admissions Associate Sackler Institute of Graduate Biomedical Sciences New York University Sackler Institute <a href="mailto:michael.escosia@nyumc.org">michael.escosia@nyumc.org</a></td>
</tr>
<tr>
<td>Karina Evora</td>
<td>Project Assistant The Leadership Alliance Brown University <a href="mailto:karina_evora@brown.edu">karina_evora@brown.edu</a></td>
</tr>
<tr>
<td>Mary Farwell</td>
<td>Professor and Director of Undergraduate Research Department of Biology East Carolina University <a href="mailto:farwellm@ecu.edu">farwellm@ecu.edu</a></td>
</tr>
<tr>
<td>Saul Fisher</td>
<td>Executive Director for Grants and Academic Initiatives Office of the Provost American Council of Learned Societies <a href="mailto:sfisher@mercy.edu">sfisher@mercy.edu</a></td>
</tr>
<tr>
<td>Tiffani Fonseca</td>
<td>Fellowship Programs Coordinator Education Department American Society For Microbiology <a href="mailto:fellowships@asmusa.org">fellowships@asmusa.org</a></td>
</tr>
<tr>
<td>Francoise Freyre</td>
<td>Assistant Dean Weill Cornell Graduate School Weill Cornell Graduate School <a href="mailto:ffreyre@med.cornell.edu">ffreyre@med.cornell.edu</a></td>
</tr>
<tr>
<td>Alisha Gaines</td>
<td>Assistant Professor Department of English Florida State University <a href="mailto:amgaines@fsu.edu">amgaines@fsu.edu</a></td>
</tr>
<tr>
<td>Michael Gaines</td>
<td>Biology Professor, Assistant Provost Office of Undergraduate Research University of Miami <a href="mailto:m.gaines@miami.edu">m.gaines@miami.edu</a></td>
</tr>
<tr>
<td>Mekbib Gemeda</td>
<td>Assistant Dean for Diversity and Community Affairs Langone Medical Center New York University Sackler Institute <a href="mailto:mekbib.gemeda@nyumc.org">mekbib.gemeda@nyumc.org</a></td>
</tr>
<tr>
<td>Medeva Ghee</td>
<td>Executive Director The Leadership Alliance Brown University <a href="mailto:medeva_ghee@brown.edu">medeva_ghee@brown.edu</a></td>
</tr>
<tr>
<td>Leislie Godo-Solo</td>
<td>Associate Director Institute for Recruitment of Teachers Institute for Recruitment of Teachers <a href="mailto:lgodosolo@andover.edu">lgodosolo@andover.edu</a></td>
</tr>
<tr>
<td>Christine Gonzalez</td>
<td>Summer Program Coordinator Center for Gene Structure and Function Hunter College <a href="mailto:cgonzalez@genectr.hunter.cuny.edu">cgonzalez@genectr.hunter.cuny.edu</a></td>
</tr>
<tr>
<td>Ruth Gotian</td>
<td>Administrative Director Tri-Institutional MD-PhD Program Weill Cornell Medical College <a href="mailto:rgotian@med.cornell.edu">rgotian@med.cornell.edu</a></td>
</tr>
<tr>
<td>Michelle Grundy</td>
<td>Director, Vanderbilt Summer Science Academy Biomedical Research Education and Training Vanderbilt University <a href="mailto:michelle.grundy@vanderbilt.edu">michelle.grundy@vanderbilt.edu</a></td>
</tr>
<tr>
<td>Louise Hainline</td>
<td>Professor Department of Psychology Brooklyn College CUNY <a href="mailto:louiseh@brooklyn.cuny.edu">louiseh@brooklyn.cuny.edu</a></td>
</tr>
<tr>
<td>Emily Hannum</td>
<td>Associate Professor of Sociology and Education Department of Sociology University of Pennsylvania <a href="mailto:hannonem@soc.upenn.edu">hannonem@soc.upenn.edu</a></td>
</tr>
<tr>
<td>Angel Harris</td>
<td>Associate Professor of Sociology and African American Studies Department of Sociology Princeton University <a href="mailto:angell@princeton.edu">angell@princeton.edu</a></td>
</tr>
<tr>
<td>Mark Hernandez</td>
<td>Professor Civil, Environmental, Architectural Engineering University of Colorado Boulder <a href="mailto:mark.hernandez@colorado.edu">mark.hernandez@colorado.edu</a></td>
</tr>
<tr>
<td>George Hill</td>
<td>Assistant Vice Chancellor for Multicultural Affairs Office for Diversity in Medical Education Vanderbilt University <a href="mailto:george.hill@vanderbilt.edu">george.hill@vanderbilt.edu</a></td>
</tr>
<tr>
<td>Alejandro Huezo</td>
<td>Coordinator Psychology Brooklyn College CUNY <a href="mailto:ahuezo@brooklyn.cuny.edu">ahuezo@brooklyn.cuny.edu</a></td>
</tr>
<tr>
<td>Karen Jackson-Weaver</td>
<td>Associate Dean American Studies Princeton University <a href="mailto:kjweaver@princeton.edu">kjweaver@princeton.edu</a></td>
</tr>
<tr>
<td>Justine Johnson</td>
<td>Associate Director Meyerhoff Graduate Program University of Maryland, Baltimore County <a href="mailto:j.johnson@umbc.edu">j.johnson@umbc.edu</a></td>
</tr>
<tr>
<td>Waldo Johnson</td>
<td>Associate Professor School of Social Service Administration University of Chicago <a href="mailto:wejohnso@uchicago.edu">wejohnso@uchicago.edu</a></td>
</tr>
<tr>
<td>Barbara Kahn</td>
<td>Summer Program Coordinator The Leadership Alliance Brown University <a href="mailto:barbara_kahn@brown.edu">barbara_kahn@brown.edu</a></td>
</tr>
<tr>
<td>Florence Kempner</td>
<td>Coordinator Psychology Brooklyn College CUNY <a href="mailto:fkempner@brooklyn.cuny.edu">fkempner@brooklyn.cuny.edu</a></td>
</tr>
<tr>
<td>Edward Kim</td>
<td>Technology Consultant The Leadership Alliance</td>
</tr>
<tr>
<td>Arlene Kohler</td>
<td>Administrative Director Medical Scientist Training Program New York University Sackler Institute <a href="mailto:arlene.kohler@nyumc.org">arlene.kohler@nyumc.org</a></td>
</tr>
<tr>
<td>Elise LaRose</td>
<td>Director of Summer Research Programs in the Humani Deputy Provost for Research &amp; Minority Issues University of Chicago <a href="mailto:emlarose@uchicago.edu">emlarose@uchicago.edu</a></td>
</tr>
<tr>
<td>Name</td>
<td>Title/Position</td>
</tr>
<tr>
<td>-----------------------------</td>
<td>-------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Patricia Lee-Robinson</td>
<td>Associate Provost, Office of Student Opportunities, Chaminade University of Honolulu</td>
</tr>
<tr>
<td>Cheryl Leggon</td>
<td>Professor, School of Public Policy, Georgia Institute of Technology</td>
</tr>
<tr>
<td>Armanda Lewis</td>
<td>Media and Grants Coordinator, The Humanities Initiative, New York University</td>
</tr>
<tr>
<td>Shin Lin</td>
<td>Professor, Developmental and Cell Biology, Biomedical Engineering, Susan Samueli Center for Integrative Medicine, UC Irvine</td>
</tr>
<tr>
<td>Laura Liscum</td>
<td>Professor, Molecular Physiology and Pharmacology, Tufts University</td>
</tr>
<tr>
<td>Shirley Malcom</td>
<td>Head, Directorate for Education &amp; Human Resources, American Association for the Advancement of Science, <a href="mailto:smalcom@aaas.org">smalcom@aaas.org</a></td>
</tr>
<tr>
<td>Kimberly Martin</td>
<td>Postdoctoral Fellow, Public Health, Harvard University, <a href="mailto:kintessa@gmail.com">kintessa@gmail.com</a></td>
</tr>
<tr>
<td>Megan McNulty</td>
<td>Senior Lecturer/Advisor, Biological Sciences Collegiate Division, University of Chicago, <a href="mailto:mmcnulty@uchicago.edu">mmcnulty@uchicago.edu</a></td>
</tr>
<tr>
<td>Darryl Murray</td>
<td>Dir., NIH Undergraduate Scholarship Program, Office of Intramural Training and Education, National Institutes of Health, <a href="mailto:murrayda@mail.nih.gov">murrayda@mail.nih.gov</a></td>
</tr>
<tr>
<td>Christy Naeole</td>
<td>Lecturer &amp; Special Projects Coordinator, Natural Sciences &amp; Mathematics, Chaminade University of Honolulu, <a href="mailto:chrystie.naeole@chaminade.edu">chrystie.naeole@chaminade.edu</a></td>
</tr>
<tr>
<td>Michelle Nearon</td>
<td>Assistant Dean, Graduate School of Arts and Sciences, Yale University, <a href="mailto:michelle.nearon@yale.edu">michelle.nearon@yale.edu</a></td>
</tr>
<tr>
<td>Stephen Nelson</td>
<td>Senior Scholar, The Leadership Alliance, Brown University, <a href="mailto:stephen_j_nelson@brown.edu">stephen_j_nelson@brown.edu</a></td>
</tr>
<tr>
<td>Barbara Nesmith</td>
<td>Acting Assistant Director, Office of Diversity, Graduate School of Arts &amp; Sciences, Columbia University, <a href="mailto:bsn2107@columbia.edu">bsn2107@columbia.edu</a></td>
</tr>
<tr>
<td>Jordan Noonan</td>
<td>Program Director, Graduate Studies, Dartmouth College, <a href="mailto:jordan.p.noonan@dartmouth.edu">jordan.p.noonan@dartmouth.edu</a></td>
</tr>
<tr>
<td>Christine O’Brien</td>
<td>Program Manager, Fellowships, National Academies, <a href="mailto:cobrien@nas.edu">cobrien@nas.edu</a></td>
</tr>
<tr>
<td>Joel Oppenheim</td>
<td>Senior Associate Dean, Dean’s Office, New York University Sackler Institute, <a href="mailto:joel.oppenheim@nyumc.org">joel.oppenheim@nyumc.org</a></td>
</tr>
<tr>
<td>Benjamin Ortiz</td>
<td>Associate Professor, Biological Sciences, Hunter College, <a href="mailto:ortiz@genectr.hunter.cuny.edu">ortiz@genectr.hunter.cuny.edu</a></td>
</tr>
<tr>
<td>Bettye Parker Smith</td>
<td>Provost and Executive Vice President for Academic Affairs, Academic Affairs, Tougaloo College, <a href="mailto:bpsmith@tougaloo.edu">bpsmith@tougaloo.edu</a></td>
</tr>
<tr>
<td>Willie Pearson, Jr.</td>
<td>Professor, History, Technology &amp; Society, Georgia Institute of Technology, <a href="mailto:kingvassie@comcast.net">kingvassie@comcast.net</a></td>
</tr>
<tr>
<td>Christopher Peete</td>
<td>Volunteer, The Leadership Alliance, Brown University, <a href="mailto:cjpee85@gmail.com">cjpee85@gmail.com</a></td>
</tr>
<tr>
<td>Julianna Prieto</td>
<td>Diversity Coordinator, Department of Genetics, Stanford University, <a href="mailto:jeprieto@stanford.edu">jeprieto@stanford.edu</a></td>
</tr>
<tr>
<td>Hank Randall</td>
<td>Leadership Alliance Photographer, Hank Randall Photography, <a href="mailto:hank@randallphotography.com">hank@randallphotography.com</a></td>
</tr>
<tr>
<td>Roosevelt Ratliff, Jr.</td>
<td>Assistant Vice President, Leadership Development, Claflin University, <a href="mailto:rratliff@claflin.edu">rratliff@claflin.edu</a></td>
</tr>
<tr>
<td>Patricia Rea</td>
<td>Associate Director for Admissions, Graduate Division of Arts and Sciences, University of Pennsylvania, <a href="mailto:patrea@sas.upenn.edu">patrea@sas.upenn.edu</a></td>
</tr>
<tr>
<td>David Redman</td>
<td>Associate Dean, Academic Affairs, Graduate School Office, Princeton University, <a href="mailto:dnredman@princeton.edu">dnredman@princeton.edu</a></td>
</tr>
<tr>
<td>John Rose</td>
<td>Dean, Office of the President, Hunter College, <a href="mailto:john.rose@hunter.cuny.edu">john.rose@hunter.cuny.edu</a></td>
</tr>
<tr>
<td>Brandon Samuel</td>
<td>Volunteer, The Leadership Alliance, <a href="mailto:brandon.samuel5.bs@gmail.com">brandon.samuel5.bs@gmail.com</a></td>
</tr>
<tr>
<td>KeyAnna Schmiedl</td>
<td>Program Coordinator, Division of Medical Sciences, Harvard University, <a href="mailto:shurp@hms.harvard.edu">shurp@hms.harvard.edu</a></td>
</tr>
<tr>
<td>Allen Schwartz</td>
<td>Volunteer, The Leadership Alliance, Brooklyn College CUNY, <a href="mailto:florall1@verizon.net">florall1@verizon.net</a></td>
</tr>
<tr>
<td>Nancy Schwartz</td>
<td>Professor/Associate Dean, Biological Sciences, University of Chicago, <a href="mailto:n-schwartz@uchicago.edu">n-schwartz@uchicago.edu</a></td>
</tr>
<tr>
<td>Name</td>
<td>Title/Position</td>
</tr>
<tr>
<td>---------------------------</td>
<td>-------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Pamela Scott-Johnson</td>
<td>Chairperson, Department of Psychology, Morgan State University</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:pamela.scottjohnson@morgan.edu">pamela.scottjohnson@morgan.edu</a></td>
</tr>
<tr>
<td>Isabella Slaby</td>
<td>Research Assistant, Department of Psychology, Tufts University</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:isabella.slaby@tufts.edu">isabella.slaby@tufts.edu</a></td>
</tr>
<tr>
<td>William Slack</td>
<td>Consultant, Informed Events LLC</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:williamsrack1@cox.net">williamsrack1@cox.net</a></td>
</tr>
<tr>
<td>Rochelle Smith</td>
<td>Director, Diversity, Summer Programs and Community, Division of Biology and Biomedical Sciences, Washington University in St. Louis</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:rsmith@wustl.edu">rsmith@wustl.edu</a></td>
</tr>
<tr>
<td>Cynthia Spence</td>
<td>Associate Professor, Sociology &amp; Anthropology, Spelman College</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:cspence@spelman.edu">cspence@spelman.edu</a></td>
</tr>
<tr>
<td>Patrice Spitalnik</td>
<td>Associate Professor, Pathology and Cell Biology, Columbia University</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:pf2101@columbia.edu">pf2101@columbia.edu</a></td>
</tr>
<tr>
<td>Howard Stone</td>
<td>Professor, Mechanical and Aerospace Engineering, Princeton University</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:hastone@princeton.edu">hastone@princeton.edu</a></td>
</tr>
<tr>
<td>Brian Sullivan</td>
<td>Executive Director, Medical Scientist Training Program, Washington University in St. Louis</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:briansullivan@wustl.edu">briansullivan@wustl.edu</a></td>
</tr>
<tr>
<td>Lawrence Tabak</td>
<td>Principal Deputy Director, National Institutes of Health</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:lawrence.tabak@nih.gov">lawrence.tabak@nih.gov</a></td>
</tr>
<tr>
<td>Naoko Tanese</td>
<td>Associate Professor, Microbiology, New York University Sackler Institute</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:tanesn01@med.nyu.edu">tanesn01@med.nyu.edu</a></td>
</tr>
<tr>
<td>Sheila Thomas</td>
<td>Faculty, Harvard Medical School; Asst. Dean of Div, Division of Medical Sciences/Graduate School of Arts and Sciences, Harvard University</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:sthomas@fas.harvard.edu">sthomas@fas.harvard.edu</a></td>
</tr>
<tr>
<td>Rahmelle Thompson</td>
<td>Executive Director, John H. Hopps Jr. Research Scholars Program, Morehouse College</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:rthompsso@morehouse.edu">rthompsso@morehouse.edu</a></td>
</tr>
<tr>
<td>Micha Tomkiewicz</td>
<td>Professor, Department of Physics, Brooklyn College CUNY</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:michatom@brooklyn.cuny.edu">michatom@brooklyn.cuny.edu</a></td>
</tr>
<tr>
<td>Amanda Tufekcier</td>
<td>Project Assistant, Dean's Office, New York University Sackler Institute</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:Amanda.Tufekcier@nyumc.org">Amanda.Tufekcier@nyumc.org</a></td>
</tr>
<tr>
<td>Erickah Turner</td>
<td>Volunteer, The Leadership Alliance, Johns Hopkins University</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:talesha@comcast.net">talesha@comcast.net</a></td>
</tr>
<tr>
<td>Susie Valaitis</td>
<td>Senior Associate Director, Institute for Broadening Participation</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:svalaitis@ibparticipation.org">svalaitis@ibparticipation.org</a></td>
</tr>
<tr>
<td>Aileen Walter</td>
<td>Vice President, Scholarships and University Relations, National Action Council for Minorities in Engineering</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:awalter@nacme.org">awalter@nacme.org</a></td>
</tr>
<tr>
<td>Thomas Webster</td>
<td>Associate Professor, Engineering, Brown University</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:thomas_webster@brown.edu">thomas_webster@brown.edu</a></td>
</tr>
<tr>
<td>Catherine Will</td>
<td>Manager, Student Recruitment and Programs, Office of Graduate Student Affairs, Johns Hopkins University</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:cwill@jhmi.edu">cwill@jhmi.edu</a></td>
</tr>
<tr>
<td>Elaine Willey</td>
<td>Assistant Dean, The Graduate School, Princeton University</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:ewilley@princeton.edu">ewilley@princeton.edu</a></td>
</tr>
<tr>
<td>John Wilson</td>
<td>Director, MHHDRC and Professor of Biology, Minority Health Center, Dillard University</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:jwilson@dillard.edu">jwilson@dillard.edu</a></td>
</tr>
<tr>
<td>Gerard Zambetti</td>
<td>Vice President/Director, Academic Programs, St. Jude Children's Research Hospital</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:gerard.zambetti@stjude.org">gerard.zambetti@stjude.org</a></td>
</tr>
<tr>
<td>Damon Williams</td>
<td>McNair Director, College of Arts &amp; Sciences, Xavier University of Louisiana</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:dlwilli5@xula.edu">dlwilli5@xula.edu</a></td>
</tr>
</tbody>
</table>
Graduate Student Participants

George Aninwene II  
Brown University  
eji412@gmail.com

Angel Byrd  
Brown University  
angel_byrd@brown.edu

Daisy Camacho  
UCLA  
daisycamacho@gmail.com

Kendra China  
University of Virginia  
kn2ke@virginia.edu

Orly Clerge  
Brown University  
Orly_Clerge@brown.edu

Kathia Cordero  
Loma Linda University  
kacordero@llu.edu

John Dankart  
New York University Sackler Institute  
john.dankert@nyumc.org

Jenn Demers  
Dartmouth College  
jjld@dartmouth.edu

Margarita Echavarria  
University of Colorado Boulder  
echavarria.m@gmail.com

Monique Foster  
New York University  
monique.foster@nyumc.org

Andrea Fowler  
Arizona State University  
andrea.c.fowler@gmail.com

Sophia Gayle  
Yale University  
sophiagayle@hotmail.com

Princess Gilbert  
UCLA  
ps.gilbert@ucla.edu

Eric Glover  
Princeton University  
emglover@princeton.edu

Andrew Hao  
UC Berkeley  
ah2018@gmail.com

Marcus Hines  
New York University  
marcus.hines2@med.nyu.edu

Cory Hunter  
Princeton University  
cwhunter@princeton.edu

Noelle Hutchins  
Brown University  
noelle_hutchins@brown.edu

Kelsie Kelly  
University of Virginia  
kd5eqv@virginia.edu

Joslynn Lee  
Northeastern University  
lee.jos@husky.neu.edu

Katie Litts  
University of Alabama-Birmingham  
klitts@uab.edu

Diana Lizarazo  
Brown University  
diana_lizarazo@brown.edu

Cristina Lopez-Fagundo  
Brown University  
clopezfagundo@gmail.com

Joan Marcano  
University of Colorado Boulder  
joan.marcano@colorado.edu

Mitra Miri  
Yale University  
miri.mitra@yale.edu

Jessian Munoz  
University of Medicine & Dentistry of New Jersey  
munozjl@umdnj.edu

Teresa Nguyen  
University of Michigan-Ann Arbor  
grangeru@umich.edu

Nyamekye Obeng-Adjei  
University of Pennsylvania  
yamekye@upenn.edu

Helen Pu  
Tufts University  
he.pu@tufts.edu

Karishma Rahman  
New York University  
karishma.rahman@med.nyu.edu

Teresa Ramirez  
Brown University  
teresa_ramirez@brown.edu

Nicole Ramsey  
Weill Cornell Medical College  
nr2007@med.cornell.edu

James Roane  
Columbia University  
jtr2122@columbia.edu

Natassia Rodriguez  
Stanford University  
atassia@stanford.edu

Kareem Rumah  
Weill Cornell Medical College  
krumah83@gmail.com

Joshua Schwartz  
Johns Hopkins University  
jlschwartz2010@gmail.com

Erin Shoemaker  
Dartmouth College  
erin.1.shoemaker.gr@dartmouth.edu

Davonda Smith  
University of Virginia  
dmb7n@virginia.edu

Amber Spry  
Columbia University  
ads2183@columbia.edu

Jennifer Stetler  
University of Missouri-Columbia  
jls5y5@mail.missouri.edu

David Stout  
Brown University  
david_stout@brown.edu

Ciara Torres  
Columbia University  
cat2119@columbia.edu

Colleen Tripp  
Brown University  
colleen_tripp@brown.edu

Carlos Vera  
University of Colorado Boulder  
veracarlo1228@gmail.com

Zakiya Whatley  
Duke University  
znw2@duke.edu

Angela White  
University of Connecticut  
angela.c.white@uconn.edu

Amber Williams  
University of Michigan-Ann Arbor  
amberdw@umich.edu
Undergraduate Participants

Leonela Acosta
Yale University
Rutgers University
acosta18@eden.rutgers.edu

Titilayo Afolabi
Weill Cornell Graduate School
Yale University
titilayo.afolabi@yale.edu

Sadia Afroz
Harvard University
Hunter College
s.afroz001@gmail.com

Obed Agyei
Weill Cornell Medical College
North Carolina State University
okagyei@ncsu.edu

Bailey Airoldi
Dartmouth College
St. Lawrence University
blaivo09@stlawu.edu

Jocelyn Akamune
University of Virginia School of Medicine
University of Maryland, Baltimore County
ajo1@umbc.edu

James Alaniz
The Rockefeller University
University of Texas at Austin
james.alaniz@utexas.edu

Kevin Alicea Torres
University of Pennsylvania
UPR-Humacao
alicea.kevin@gmail.com

Davis Anugo
University of Pennsylvania
SUNY Binghamton
danugo1@binghamton.edu

Jesús Ayala
Brown University
UPR-Humacao
jesus.ayala@upr.edu

Robin Ayers
Princeton University
Emory University
ayersrobi@gmail.com

Alexander Ballard
Harvard University, Division of Medical Sciences
University of Maryland, Baltimore County
a87@umbc.edu

Elena Baluyut
Stanford University School of Earth Sciences
Saint Louis University
ecbaluyut@gmail.com

Emily Bancroft
Yale University
Mount Holyoke College
bancr20e@mtholyoke.edu

Janae Baptiste
University of Maryland, Baltimore County
University of West Florida
janaebaptiste@gmail.com

Leah Barlow
Princeton University
Hampton University
leah.nicole13@live.com

Javier Barranco
New York University Sackler Institute
University of Texas at San Antonio
wmy775@my.utsa.edu

Stephen Bart
University of Pennsylvania
University of Pittsburgh
sbart143@gmail.com

Erick Bayala
Harvard University
UPR-Humacao
erick.bayala@upr.edu

Kamaria Beamon
Washington University in St. Louis
Xavier University of Louisiana
kbeamon@xula.edu

Tyler Beckler
University of Virginia School of Medicine
Gardner-Webb University
beckler@gardner-webb.edu

Joseph Behnke
New York University Sackler Institute
Rutgers University
jabehnke@eden.rutgers.edu

Nicole Belgrave
Brooklyn College CUNY
Brooklyn College CUNY
nicole_belgrave@yahoo.com

Terri Bella
Memorial Sloan Kettering Cancer Center
San Jose State University
terridbella@gmail.com

Marimar Benitez
Memorial Sloan Kettering Cancer Center
UPR-Rio Piedras
marimarbenitez1@gmail.com

Jasmine Benjamin
Princeton University
Clarence University
jbenjamin@claflin.edu

Haysol Bermudez Cabrera
Brown University
Hunter College
hbermudez@hunter.cuny.edu

Rebecca Betances
Weill Cornell Graduate School
UPR-Mayaguez
rebecca.betances@upr.edu

Paige Biller
University of Virginia School of Education
University of Central Florida
paige.biller@knights.ucf.edu

Tashalee Billings
Princeton University
Florida A&M University
tshlbillings@yahoo.com

Jade Bing
Princeton University
Rider University
bing@rider.edu

Hannibal Black
Brown University
Clarence University
hblack@claflin.edu

Victoria Bledsoe
Harvard University
Morgan State University
vbl713@gmail.com

Maria Bottermann
New York University Sackler Institute
Jacobs University Bremen
m.bottermann@ Jacobs-university.de

Niambí Brewer
New York University Sackler Institute
University of Maryland, Baltimore County
nbrewer1@umbc.edu

Bailey Brown
University of Chicago
University of Pennsylvania
baileyabrown@gmail.com

Brian Brown
New York University Sackler Institute
University of Maryland, Baltimore County
brown13@umbc.edu
<table>
<thead>
<tr>
<th>Name</th>
<th>Institution 1</th>
<th>Institution 2</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leslie Brown</td>
<td>Columbia University</td>
<td>Westminster College</td>
<td><a href="mailto:lab0216@westminstercollege.edu">lab0216@westminstercollege.edu</a></td>
</tr>
<tr>
<td>Devon Brunson</td>
<td>Vanderbilt University</td>
<td>University of Maryland, College Park</td>
<td><a href="mailto:dbrunson@terpmail.umd.edu">dbrunson@terpmail.umd.edu</a></td>
</tr>
<tr>
<td>Tiffany Bryan</td>
<td>Princeton University</td>
<td>Spelman College</td>
<td><a href="mailto:tmryan1990@gmail.com">tmryan1990@gmail.com</a></td>
</tr>
<tr>
<td>Jamal Bryant</td>
<td>University of Colorado Boulder</td>
<td>St. Petersburg College</td>
<td><a href="mailto:jamal_bryan@ymail.com">jamal_bryan@ymail.com</a></td>
</tr>
<tr>
<td>Amanda Buch</td>
<td>Weill Cornell Medical College</td>
<td>Fordham University</td>
<td><a href="mailto:amanda.m.buch@gmail.com">amanda.m.buch@gmail.com</a></td>
</tr>
<tr>
<td>Ivan Bukreyev</td>
<td>Yale University</td>
<td>University of Florida</td>
<td><a href="mailto:ibukreyev@ufl.edu">ibukreyev@ufl.edu</a></td>
</tr>
<tr>
<td>Kerisha Burke</td>
<td>University of Chicago</td>
<td>Howard University</td>
<td><a href="mailto:kerisha_burke@live.com">kerisha_burke@live.com</a></td>
</tr>
<tr>
<td>Cristhian Cadena</td>
<td>University of Pennsylvania</td>
<td>Sam Houston State University</td>
<td><a href="mailto:cxcb03@shsu.edu">cxcb03@shsu.edu</a></td>
</tr>
<tr>
<td>Gina Calco</td>
<td>Brown University</td>
<td>University of Michigan-Ann Arbor</td>
<td><a href="mailto:gcalco@umich.edu">gcalco@umich.edu</a></td>
</tr>
<tr>
<td>Madison Calhoun</td>
<td>Yale University</td>
<td>Carnegie Mellon University</td>
<td><a href="mailto:mcalhoun610@gmail.com">mcalhoun610@gmail.com</a></td>
</tr>
<tr>
<td>Danielle Callendar</td>
<td>Princeton University</td>
<td>Wellesley College</td>
<td><a href="mailto:dcallendar@gmail.com">dcallendar@gmail.com</a></td>
</tr>
<tr>
<td>Shantel Campbell</td>
<td>Stanford University</td>
<td>University of Delaware</td>
<td><a href="mailto:ssc@udel.edu">ssc@udel.edu</a></td>
</tr>
<tr>
<td>Christian Capanna</td>
<td>Weill Cornell Medical College</td>
<td>Loyola University of Chicago</td>
<td><a href="mailto:ccapanna@luc.edu">ccapanna@luc.edu</a></td>
</tr>
<tr>
<td>Jessica Cardenas</td>
<td>Brown University</td>
<td>Mount St. Mary’s College</td>
<td><a href="mailto:jesscard3@mymsmc.la.edu">jesscard3@mymsmc.la.edu</a></td>
</tr>
<tr>
<td>Alessandra Caruso</td>
<td>Tufts University</td>
<td>Georgetown University</td>
<td><a href="mailto:ajc226@hoyamail.georgetown.edu">ajc226@hoyamail.georgetown.edu</a></td>
</tr>
<tr>
<td>Lizzette Castillo</td>
<td>University of Colorado Boulder</td>
<td>CSU Sacramento</td>
<td><a href="mailto:lizzjcastillo@gmail.com">lizzjcastillo@gmail.com</a></td>
</tr>
<tr>
<td>Marc Castro</td>
<td>University of Colorado Boulder</td>
<td>University of Texas at San Antonio</td>
<td><a href="mailto:marcscastro@gmail.com">marcscastro@gmail.com</a></td>
</tr>
<tr>
<td>Alexander Catchings</td>
<td>Princeton University</td>
<td>University of Washington</td>
<td><a href="mailto:acatch1@uw.edu">acatch1@uw.edu</a></td>
</tr>
<tr>
<td>Nadia Centeno Alvarado</td>
<td>Tufts University</td>
<td>UPR-Cayey</td>
<td><a href="mailto:nadiacenteno@gmail.com">nadiacenteno@gmail.com</a></td>
</tr>
<tr>
<td>Stephanie Cevallos</td>
<td>Weill Cornell Graduate School</td>
<td>Hunter College</td>
<td><a href="mailto:scevallo@hunter.cuny.edu">scevallo@hunter.cuny.edu</a></td>
</tr>
<tr>
<td>Terrel Champion</td>
<td>Princeton University</td>
<td>Morehouse College</td>
<td><a href="mailto:terrel_champion@yahoo.com">terrel_champion@yahoo.com</a></td>
</tr>
<tr>
<td>Thekia Cheeseborough</td>
<td>Stanford University</td>
<td>Spelman College</td>
<td><a href="mailto:tcheese1@scmail.spelman.edu">tcheese1@scmail.spelman.edu</a></td>
</tr>
<tr>
<td>David Cherry</td>
<td>University of Chicago</td>
<td>Morehouse College</td>
<td><a href="mailto:davidcherry317@gmail.com">davidcherry317@gmail.com</a></td>
</tr>
<tr>
<td>Megan Cherry</td>
<td>University of Colorado Boulder</td>
<td>Massachusetts Institute of Technology</td>
<td><a href="mailto:mcherry@mit.edu">mcherry@mit.edu</a></td>
</tr>
<tr>
<td>Stephanie Christie</td>
<td>New York University Sackler Institute</td>
<td>Brooklyn College CUNY</td>
<td><a href="mailto:stchristie@msn.com">stchristie@msn.com</a></td>
</tr>
<tr>
<td>Stacy Christopher</td>
<td>University of Colorado Boulder</td>
<td>Cornell University</td>
<td><a href="mailto:sac285@cornell.edu">sac285@cornell.edu</a></td>
</tr>
<tr>
<td>Danielle Cicka</td>
<td>University of Chicago</td>
<td>Washington University in St. Louis</td>
<td><a href="mailto:dncicka@wustl.edu">dncicka@wustl.edu</a></td>
</tr>
<tr>
<td>Myrna Cintron-Valentin</td>
<td>Tufts University</td>
<td>UPR-Rio Piedras</td>
<td><a href="mailto:myrna.cintron@upr.edu">myrna.cintron@upr.edu</a></td>
</tr>
<tr>
<td>Alicia Clark</td>
<td>University of Virginia School of Education</td>
<td>Hampton University</td>
<td><a href="mailto:adclark.516@gmail.com">adclark.516@gmail.com</a></td>
</tr>
<tr>
<td>Jonathan Cohen</td>
<td>University of Chicago</td>
<td>Brown University</td>
<td><a href="mailto:jonathan_b_cohen@brown.edu">jonathan_b_cohen@brown.edu</a></td>
</tr>
<tr>
<td>McKenna Corlis</td>
<td>University of Virginia School of Education</td>
<td>Pacific Lutheran University</td>
<td><a href="mailto:corlismn@plu.edu">corlismn@plu.edu</a></td>
</tr>
<tr>
<td>Elvia Cortes</td>
<td>University of Colorado Boulder</td>
<td>CSU Los Angeles</td>
<td><a href="mailto:elvy_cortes@yahoo.com">elvy_cortes@yahoo.com</a></td>
</tr>
<tr>
<td>Jessica Cottrell</td>
<td>Princeton University</td>
<td>Saint Edward's University</td>
<td><a href="mailto:je.cottrell@hotmail.com">je.cottrell@hotmail.com</a></td>
</tr>
<tr>
<td>Kassi Crocker</td>
<td>Harvard University</td>
<td>Truman State University</td>
<td><a href="mailto:klc1276@truman.edu">klc1276@truman.edu</a></td>
</tr>
<tr>
<td>Selena Crowley</td>
<td>Columbia University</td>
<td>Fisk University</td>
<td><a href="mailto:smcrowley@fisk.edu">smcrowley@fisk.edu</a></td>
</tr>
<tr>
<td>Mack Curry IV</td>
<td>University of Pennsylvania</td>
<td>Hampton University</td>
<td><a href="mailto:m.curry@hotmail.com">m.curry@hotmail.com</a></td>
</tr>
<tr>
<td>Dina Dajani</td>
<td>Johns Hopkins University</td>
<td>University of Miami</td>
<td><a href="mailto:d.dajani@umiami.edu">d.dajani@umiami.edu</a></td>
</tr>
<tr>
<td>Omar Davila Jr</td>
<td>Yale University</td>
<td>CSU Monterey Bay</td>
<td><a href="mailto:odavilajr@csumb.edu">odavilajr@csumb.edu</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Taylor Davine  
Yale University  
UC San Diego  
taylordavine@yahoo.com

Mark Davis  
Yale University  
Lehman College CUNY  
msdavis1776@gmail.com

Tahirah Dean  
Columbia University  
University of North Texas  
tahirhadean@yahoo.com

Rebecca Denton  
University of Chicago  
University of Miami  
r.michelle.denton@gmail.com

Ashley Diaz  
Tufts University BioMedical Sciences  
Florida International University  
adiaz144@fiu.edu

Martha Dua-Awereh  
University of Pennsylvania  
Brooklyn College CUNY  
marthadu@gmail.com

Christopher Duncan-Lewis  
Yale University  
University of Pennsylvania  
cdunc@sas.upenn.edu

Mercedez Dunn  
Tufts University  
Spelman College  
mdunn3@sctmail.spelman.edu

Cayla Echols  
University of Chicago  
Tuskegee University  
caylae@gmail.com

Reinalyn Echon  
Princeton University  
CSU Fullerton  
rechon007@yahoo.com

Christopher Ecker  
University of Pennsylvania  
University of Maryland, Baltimore County  
ecker24@gmail.com

Chloe Edmonds  
Brown University  
Keene State College  
chloesedmonds@gmail.com

Norrell Edwards  
Princeton University  
Hunter College  
edwards220@gmail.com

Jordan Encarnacion  
Hunter College  
Allegheny College  
encarnacionj@allegheny.edu

Darren Esparza  
New York University  
CSU Northridge  
darren.esparza.415@my.csun.edu

Tazmin Falan  
Yale University  
Chaminade University of Honolulu  
tazmin.falan@student.chaminade.edu

Rene Farfan  
University of Colorado Boulder  
California State Polytechnic University  
rfarfan@calpoly.edu

Emily Fernández García  
University of Pennsylvania  
UPR-Rio Piedras  
emily_fernandez@live.com

Legna Figueroa-Cosme  
Brown University  
UPR-Mayaguez  
legna.figueroa@upr.edu

Rachel Foster  
University of Colorado Boulder  
Mount Holyoke College  
fost22r@mtholyoke.edu

Angelica Frausto  
University of Pennsylvania  
University of Rochester  
afrausto@u.rochester.edu

Denarius Frazier  
Princeton University  
Morehouse College  
narius.frazier@gmail.com

Kafi Friday  
Columbia University  
Brooklyn College CUNY  
kafifriday@yahoo.com

Sherif Gerges  
Harvard University  
Montclair State University  
gerges1@mail.montclair.edu

Netanel Ghatan  
New York University Sackler Institute  
New York University  
natyghatan@gmail.com

Candace Ghent  
University of Colorado Boulder  
North Carolina A&T State University  
zilcегn@gmail.com

Abbie Gibson  
Tufts University  
Appalachian State University  
abbiegibson@gmail.com

Kyle Gipson  
New York University Sackler Institute  
Bard College  
kylegippsn@gmail.com

Shelby Goicochea  
Weill Cornell Medical College  
University of Florida  
shelby.goicochea@gmail.com

Lynanne Gomez  
University of Pennsylvania  
UPR-Rio Piedras  
lyanne.marie@live.com

Darren Gordon  
University of Colorado Boulder  
University of Michigan-Ann Arbor  
hdarrin@umich.edu

Talia Guardia  
Weill Cornell Medical College  
Barry University  
talia.guardia@mymail.barry.edu

Mamikon Gulian  
Brown University  
University of Maryland, Baltimore County  
mgulian1@umbc.edu

Robert Gutierrez  
Brown University  
Santa Barbara City College  
gruti_9st@yahoo.com

Kristin Ha  
Hunter College  
Brandeis University  
kh@brandeis.edu

Kristen Harris  
Yale University  
Amherst College  
kharris14@amherst.edu

Mark Harris  
University of Chicago  
Gambling State University  
m.harris18@yahoo.com

Sara Harris  
Brown University  
Washington University in St. Louis  
sara.e.harris8@gmail.com

Tushmit Hasan  
University of Virginia School of Education  
University of Pennsylvania  
tushmit@seas.upenn.edu
Alesha Henderson
Harvard University
Spelman College
ahende17@scmail.spelman.edu

Theresa Henry
Stanford University
University of Georgia
thenry12@uga.edu

Christian Hernandez
University of Colorado Boulder
UPR-Mayaguez
christian.hernandez10@upr.edu

Mateo Hernandez
University of Maryland, Baltimore County
University of South Florida
bivins@umbc.edu

Nicholas Hernandez
University of Chicago
University of South Florida
nicholash@mail.usf.edu

Isabel Hinestrosa
New York University Sackler Institute
Boston University
isabelh@bu.edu

Chevon Holmes
Yale University
Mount Holyoke College
holme23c@mtholyoke.edu

Alex Holness
Princeton University
University of Maryland, Baltimore County
holness1@umbc.edu

Adan Horta
Harvard University, Division of Medical Sciences
Vanderbilt University
adan.horta@vanderbilt.edu

Ira Iosub
New York University Sackler Institute
Jacobs University Bremen
i.iosub@jacobs-university.de

Oladoyin Iranloye
Harvard University, Division of Medical Sciences
North Carolina Central University
oiranloy@eagles.nccu.edu

Akia Jackson
Washington University in St. Louis
Xavier University of Louisiana
akianj@yahoo.com

Kaitlyn Jeanes
University of Colorado Boulder
University of Central Florida
kaitlynjeanis@gmail.com

Emily Jenab
Hunter College
SUNY Stony Brook
emilyjenab@gmail.com

Hugo Jenab
Weil Cornell Graduate School
SUNY Purchase
hugojenab@gmail.com

Nilsa Jenkins Luna
Yale University
Rutgers University
nilsaj@eden.rutgers.edu

Naimah Jennings
Harvard University
Spelman College
njennin2@scmail.spelman.edu

Ashley Jenson
Vanderbilt University
Howard University
a.jenson01@hotmail.com

Dante' Johnson
University of Colorado Boulder
Louisiana State University-Baton Rouge
djohn135@lsu.edu

Hadiya Jones
University of Chicago
Spelman College
hjones9@scmail.spelman.edu

Maria Jones
Brown University
Missouri State University
maria154@live.missouristate.edu

Andre Jordan
University of Miami
Brooklyn College CUNY
a.jordan1221@gmail.com

Symone Jordan
Weil Cornell Medical College
Bowie State University
symone09@yahoo.com

Elizabeth Kang
Stanford University
University of Idaho
kang1083@vandals.uidaho.edu

Devin Karbowicz
Harvard University
Princeton University
dkarbowi@princeton.edu

Hannah Kim
Stanford University
Emory University
hhkim43@gmail.com

Roderick King
University of Pennsylvania
Delaware State University
rking10@students.dsesu.edu

Sravanthi Koduri
Johns Hopkins University
Drexel University
koduri.sravanthi@yahoo.com

Joshua Kogan
Hunter College
Oberlin College
joshuak7@aol.com

Arnaud Konan
University of Colorado Boulder
University of Denver
arnaud.konan@ucdenver.edu

Anthony Kronfli
New York University Sackler Institute
University of Maryland, Baltimore County
kronfli1@umbc.edu

Sandy Lakkur
Stanford University
University of Maryland, Baltimore County
slakkur3@umbc.edu

Nelson LaMarche
Weil Cornell Medical College
Cornell University
nml42@cornell.edu

Oluwabusayo Lana
Brown University
University of Maryland, Baltimore County
wn97851@umbc.edu

Claudia Lanauze
University of Pennsylvania
UPR-Rio Piedras
claudialanauze@gmail.com

Daniel Latimer
Columbia University
Rochester Institute of Technology
dal8601@rit.edu

Lillie Lattimore
University of Pennsylvania
Spelman College
llattim1@scmail.spelman.edu

Seanna Leath
Vanderbilt University
Pomona College
sc122009@pomona.edu

David Leon
New York University Sackler Institute
College of New Jersey
leon5@tcnj.edu
Sarah Leone
New York University Sackler Institute
Villanova University
sleone@villanova.edu

Joseph Leshin
Stanford University
California State Polytechnic University
jgaldame@calpoly.edu

Melissa Lester
University of Pennsylvania
Temple University
melissa.lester4@gmail.com

Laura Leung
Weill Cornell Medical College
Smith College
lleung@smith.edu

Brooke Lewis
Weill Cornell Graduate School
Alcorn State University
brlewis10@yahoo.com

Dan Li
Weill Cornell Medical College
Harvard University
danli@college.harvard.edu

Marianne Ligon
New York University Sackler Institute
University of Georgia
marianne.ligon@gmail.com

Emily Lingeman
Harvard University
University of Wisconsin Madison
lingeman@wisc.edu

Quinlyn Little Owl
Montana State University - Bozeman
Little Big Horn College
qlittleowl@hotmail.com

Jie Bin Liu
Tufts University BioMedical Sciences
Colby College
jbliu@colby.edu

Xiang Liu
New York University Sackler Institute
Emory University
seanzz425@gmail.com

Xiaoyu Liu
Tufts University BioMedical Sciences
SUNY Stony Brook
xiao-yliu@hotmail.com

Nathan Lo
New York University Sackler Institute
Rice University
nathanlo3579@gmail.com

Shelby Lohr
Brown University
Georgia State University
shelbylohr1@gmail.com

Juan Lopez
University of Colorado Boulder
University of Miami
jlopez39@umiami.edu

Shiying Lu
New York University Sackler Institute
Jacobs University Bremen
s.lu@jacobs-university.de

Tomaso Lucchesi
New York University Sackler Institute
New York University
tommaso.lucchesi@orange.fr

Daniel Lumpy
Harvard University
Florida International University
dlump001@fiu.edu

Sarah Lund
New York University Sackler Institute
Massachusetts Institute of Technology
slund@mit.edu

Kelsey Maness
New York University Sackler Institute
Mount Holyoke College
kelsey.maness@gmail.com

Rukhinda Maqsood
Hunter College
Hunter College
rmqaqsood@hunter.cuny.edu

Janina Maratita
Harvard University
Chaminade University of Honolulu
janina.maratita@student.chaminade.edu

Paula Marín Acevedo
Harvard University, Division of Medical Sciences
UPR-Rio Piedras
paulanoeis@gmail.com

Gabriel Marrero
New York University Sackler Institute
UPR-Rio Piedras
gbrlmarrero@yahoo.com

William Marrero Ortiz
University of Pennsylvania
UPR-Rio Piedras
william.marrero3@upr.edu

Brian Mbamelu
University of Pennsylvania
City College of New York
mbamelubrian@yahoo.com

Sean McAdams Luna
Columbia University
Brown University
sean_mcadams@brown.edu

Michael McNelis
Yale University
Pennsylvania State University
mjmcnelis@gmail.com

Tomas Mejome
New York University Sackler Institute
Indiana University Purdue University
tmejome@iuui.edu

Allatah Mekile
University of the Sciences
East Stroudsburg University of Pennsylvania
amekile@gmail.com

Jessica Mendez
Columbia University
City College of New York
jmendez12@ccny.cuny.edu

Krysta Mendez
Brooklyn College CUNY
Brooklyn College CUNY
kemdz10@aol.com

Kristy Merloni
Harvard University, Division of Medical Sciences
Providence College
kmerloni@friars.providence.edu

Mikki Mesfin
University of Colorado Boulder
University of Colorado Boulder
mikki.mesfin@du.edu

Blossom Metevier
Tufts University
University of Maryland, Baltimore County
bloss1@umbc.edu

Iliana Meza-Gonzalez
Dartmouth College
CSU Northridge
iliana.mglez@gmail.com

Tamir Mickens
Brown University
Morehouse College
akil_71192@yahoo.com

Danielle Miyagishima
Weill Cornell Medical College
New Mexico State University
dmiyagi@nmsu.edu

Bretney Moore
Stanford University
Hunter College
bretneym7@gmail.com
Joshua Moore  
University of Colorado Boulder  
University of Texas at Austin  
j.moores@utexas.edu

Yoelkys Morales  
Tufts University BioMedical Sciences  
Williams College  
ym2@williams.edu

Jessica Morgan  
Weill Cornell Graduate School  
CSU Fullerton  
jakeemarie@gmail.com

Tyler Moroles  
Columbia University  
DePaul University  
tylermoroles923@msn.com

Kristy Mungal  
New York University Sackler Institute  
University of Trinidad and Tobago  
kristymungal@hotmail.com

Paul Muniz  
Stanford University  
SUNY College at Geneseo  
pm12@geneseo.edu

Conor Murphy  
Hunter College  
York College of Pennsylvania  
cmurphy9@ycp.edu

Loron Neil  
Weill Cornell Graduate School  
Cornell University  
loron.neil91@gmail.com

Ernest Nelson  
Harvard University, Division of Medical Sciences  
Morehouse College  
ernest.nelson5@yahoo.com

Johanna Nifosi  
University of Colorado Boulder  
Universidad Metropolitana  
jnomet@hotmail.com

Tomas Nivon  
Stanford University  
Hunter College  
tnivon@gmail.com

Maeva Nyandjo  
Harvard University  
University of Maryland, Baltimore County  
mnyand1@umbc.edu

Oluremi Ojo  
New York University Sackler Institute  
University of Georgia  
rojo.remkiks@gmail.com

Michael Okoreeh  
University of Chicago  
UC Riverside  
mokoree@yahoo.com

Royce Onyimba  
University of Pennsylvania  
University of Maryland, Baltimore County  
onyimba1@umbc.edu

Cecelia Oparah  
Princeton University  
Princeton University  
ogechi.oparah@gmail.com

Dalila Ordonez  
University of Pennsylvania  
Hunter College  
dordonez@hunter.cuny.edu

Temidayo Orederu  
Brown University  
Hunter College  
toredelu@gmail.com

Nora Ortega  
Harvard University, Division of Medical Sciences  
University of Texas at El Paso  
nmortega@miners.utep.edu

Stephanie Ortiz  
University of Pennsylvania  
UPR-Rio Piedras  
stephanieortiztroche@hotmail.com

Veronica Parra  
University of Colorado Boulder  
University of Denver  
veronica.parra@ucdenver.edu

StellJo Passes  
Little Big Horn College  
Little Big Horn College  
stellpasses@gmail.com

Varun Patel  
New York University Sackler Institute  
University of Pennsylvania  
varunp@sas.upenn.edu

Sydney-Paige Patterson  
New York University Sackler Institute  
Indiana University-Bloomington  
scpatter@indiana.edu

Aparecio Peggins  
Howard University  
Morehouse College  
adpeiggins@gmail.com

Anairis Perez  
University of Pennsylvania Arts & Sciences  
Florida State University  
ap11w@my.fsu.edu

Nadrienne Pinnock  
Brooklyn College CUNY  
Brooklyn College CUNY  
nadriennepinnock23@yahoo.com

Benjamin Pollak  
Yale University  
Washington University in St. Louis  
bdpollak@wustl.edu

Aranza Portugal  
Brooklyn College CUNY  
Brooklyn College CUNY  
aranzab@msn.com

Melissa Powell  
Stanford University  
CSU Monterey Bay  
mnpowell@stanford.edu

Carlos Puentes  
University of Pennsylvania  
University of Central Florida  
puentesmn@knights.ucf.edu

Erica Pursell  
University of Virginia School of Education  
University of Arizona  
epursell@email.arizona.edu

Emmanuel Quaidoo  
New York University Sackler Institute  
Columbia University  
kwe2101@gmail.com

Thomas Quiroz  
Dartmouth College  
California State Polytechnic University  
ahiono@aol.com

Krystina Quow  
New York University Sackler Institute  
Duke University  
krystina.quow@duke.edu

Charrisse Ramkissoon  
New York University Sackler Institute  
University of Trinidad and Tobago  
charriseramkissoon@gmail.com

Brittany Rauzan  
Yale University  
Allegheny College  
rauzanb@allegheny.edu

Candy Reid  
Yale University  
University of Central Florida  
candyreid@knights.ucf.edu

Felix Reyes  
New York University Sackler Institute  
Instituto Tecnologico de Santo Domingo  
felixreyesv@gmail.com
Valeria Reyes Ruiz  
Harvard University, Division of Medical Sciences  
UPR-Humacao  
Valeria_ReyesRuiz@hms.harvard.edu

Mallory Rice  
University of Miami  
Sonoma State University  
riceem@seawolf.sonoma.edu

Anthony Rivera  
University of Colorado Boulder  
Brown University  
anthony_rivera@brown.edu

Stephanie Rivera  
Brown University  
UPR-Rio Piedras  
stephanie.riv1@gmail.com

Juan Rivera Correa  
Columbia University  
UPR-Rio Piedras  
jlblue55@gmail.com

Antonio Roberts  
Johns Hopkins University  
Xavier University of Louisiana  
arober10@xula.edu

Ramon Rodriguez  
New York University Sackler Institute  
Brown University  
ramon_rodriguez@brown.edu

Roberto Rodriguez  
University of Chicago  
Hampshire College  
rbrt.jsrdrga@gmail.com

Matthew Rollins  
Howard University  
Washington and Jefferson College  
rollinsmg@jay.washjeff.edu

Jorge Rosario  
Brown University  
Massachusetts Institute of Technology  
jrosario@mit.edu

Adam Ross  
Columbia University  
University of San Francisco  
adamdjross@gmail.com

Guillaume Roubaix  
New York University Sackler Institute  
University of Paris Diderot  
roubaixguillaume@gmail.com

Estee Rubien-Thomas  
University of Pennsylvania  
Wesleyan University  
erubienthoma@wesleyan.edu

Rachel Rudlaff  
New York University Sackler Institute  
Michigan State University  
rudlaffr@msu.edu

Nicole Ryan  
Tufts University  
UPR-Rio Piedras  
nicolemyennyollall@gmail.com

Guy Sakamoto  
Yale University  
Chaminade University of Honolulu  
guy.sakamoto@student.chaminade.edu

Keroles Saleh  
Harvard University  
Hunter College  
ksaleh@hunter.cuny.edu

Jose Sanchez  
Washington University in St. Louis  
UPR-Mayaguez  
jose.sanchez17@upr.edu

Lina Sanchez  
Tufts University BioMedical Sciences  
Clark University  
lsanchez@clarku.edu

Emilce Santana  
Princeton University  
University of Pennsylvania  
esantana@sas.upenn.edu

Adriana Santiago-Miranda  
Brown University  
UPR-Mayaguez  
adriana.santiago@upr.edu

Patricia Mae Santos  
University of Pennsylvania  
Brown University  
patricia_mae_santos@brown.edu

Melanie Santos-Marrero  
New York University Sackler Institute  
UPR-Mayaguez  
msantosmarrero@gmail.com

Jonathon Savage  
New York University Sackler Institute  
University of North Texas  
jon_savage90@yahoo.com

Blake Scott  
Johns Hopkins University  
East Central University  
blakealan90@gmail.com

Anthony Scruce  
Brown University  
Morehouse College  
acscruce@gmail.com

Christine Semple  
Yale University  
Howard University  
michelle.nearon@yale.edu

Kelissa Shillingford  
University of Pennsylvania  
Hunter College  
kellashillingford@hotmail.com

Angelica Simmons  
University of Pennsylvania  
Louisiana State University-Baton Rouge  
asimm24@lsu.edu

LaTonya Simon  
University of Colorado Boulder  
University of Maryland, Baltimore County  
latonya2@umbc.edu

Onaje Smartt  
University of Virginia School of Education  
Hampton University  
onajesmartt@gmail.com

Angel Solis  
University of Chicago  
Carleton College  
solisa@carleton.edu

April Sosa  
Hunter College  
George Washington University  
arsosa@gwmail.gwu.edu

Emilio Soto  
Weill Cornell Medical College  
UPR-Rio Piedras  
emilio2soto2@gmail.com

Melissa Spear  
University of Pennsylvania  
University of Texas at El Paso  
mlspear@miners.utep.edu

Jaimie Stewart  
University of Colorado Boulder  
University of Illinois at Chicago  
jaimie.m.stewart@gmail.com

Michelle Stith  
University of Virginia School of Education  
North Carolina A&T State University  
mdstith@ncat.edu

Hudson Stoner  
University of Pennsylvania  
Allegheny College  
stonerh@allegheny.edu
<table>
<thead>
<tr>
<th>Name</th>
<th>University/Institution</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Camille Suarez</td>
<td>Columbia University</td>
<td><a href="mailto:csuarez2@nd.edu">csuarez2@nd.edu</a></td>
</tr>
<tr>
<td>Isaiah Sypher</td>
<td>Stanford University</td>
<td><a href="mailto:isypher12@gmail.com">isypher12@gmail.com</a></td>
</tr>
<tr>
<td>Christy Taylor</td>
<td>University of Maryland</td>
<td><a href="mailto:c.taylor10@umiami.edu">c.taylor10@umiami.edu</a></td>
</tr>
<tr>
<td>Crystal Taylor</td>
<td>Hunter College</td>
<td><a href="mailto:janielle.taylor@gmail.com">janielle.taylor@gmail.com</a></td>
</tr>
<tr>
<td>Janelle Taylor</td>
<td>Harvard University</td>
<td></td>
</tr>
<tr>
<td>Noor Tell</td>
<td>University of Colorado</td>
<td><a href="mailto:ntell@wesleyan.edu">ntell@wesleyan.edu</a></td>
</tr>
<tr>
<td>Phillip Thomas</td>
<td>Johns Hopkins University</td>
<td><a href="mailto:pathoma1@ncat.edu">pathoma1@ncat.edu</a></td>
</tr>
<tr>
<td>Brooke Thomas</td>
<td>University of Chicago</td>
<td><a href="mailto:bthoma18@scmail.spelman.edu">bthoma18@scmail.spelman.edu</a></td>
</tr>
<tr>
<td>Michael Thompson</td>
<td>University of Chicago</td>
<td><a href="mailto:mthomp20@nd.edu">mthomp20@nd.edu</a></td>
</tr>
<tr>
<td>Caroline Titan</td>
<td>University of Virginia</td>
<td><a href="mailto:ctitan@umich.edu">ctitan@umich.edu</a></td>
</tr>
<tr>
<td>Paul Tran</td>
<td>Harvard University</td>
<td><a href="mailto:paul_tran_1@brown.edu">paul_tran_1@brown.edu</a></td>
</tr>
<tr>
<td>Torrieana Triplett</td>
<td>Harvard University</td>
<td><a href="mailto:torrtriplett@bellsouth.net">torrtriplett@bellsouth.net</a></td>
</tr>
<tr>
<td>Alana Tunstel</td>
<td>University of Virginia</td>
<td><a href="mailto:atunstel@scmail.spelman.edu">atunstel@scmail.spelman.edu</a></td>
</tr>
<tr>
<td>Tyehimba Turner</td>
<td>University of Chicago</td>
<td><a href="mailto:tuhnyeh@my.dom.edu">tuhnyeh@my.dom.edu</a></td>
</tr>
<tr>
<td>David Turner III</td>
<td>Vanderbilt University</td>
<td><a href="mailto:dturner63@toromail.csudh.edu">dturner63@toromail.csudh.edu</a></td>
</tr>
<tr>
<td>Osaze Udeagbala</td>
<td>Memorial Sloan Kettering Cancer Center</td>
<td><a href="mailto:udeagb@cooper.edu">udeagb@cooper.edu</a></td>
</tr>
<tr>
<td>Michelle Vaisman</td>
<td>Harvard University</td>
<td><a href="mailto:mich55@myinternetplace.com">mich55@myinternetplace.com</a></td>
</tr>
<tr>
<td>Jaime Vaquer-Alicea III</td>
<td>Harvard University, Division of Medical Sciences</td>
<td><a href="mailto:jaime.vaquer.alicea@gmail.com">jaime.vaquer.alicea@gmail.com</a></td>
</tr>
<tr>
<td>Alexander Vega</td>
<td>University of Maryland</td>
<td><a href="mailto:av14@students.uwf.edu">av14@students.uwf.edu</a></td>
</tr>
<tr>
<td>Janice Vicenty</td>
<td>University of Colorado</td>
<td><a href="mailto:janice.vicenty@upr.edu">janice.vicenty@upr.edu</a></td>
</tr>
<tr>
<td>Vanessa Vieira</td>
<td>New York University</td>
<td><a href="mailto:vanycibelle02@ymail.com">vanycibelle02@ymail.com</a></td>
</tr>
<tr>
<td>Emile Vieta</td>
<td>University of Pennsylvania</td>
<td>UPR-Mayaguez <a href="mailto:emile.vieta@upr.edu">emile.vieta@upr.edu</a></td>
</tr>
<tr>
<td>Cynthia Villacis</td>
<td>Stanford University</td>
<td><a href="mailto:cmvillacis@sandiego.edu">cmvillacis@sandiego.edu</a></td>
</tr>
<tr>
<td>Marcos Villarreal</td>
<td>University of Colorado</td>
<td><a href="mailto:marcovs@bu.edu">marcovs@bu.edu</a></td>
</tr>
<tr>
<td>Peter Vitale</td>
<td>Hunter College</td>
<td><a href="mailto:petvit61@verizon.net">petvit61@verizon.net</a></td>
</tr>
<tr>
<td>Joseph Vokt</td>
<td>Stanford University</td>
<td><a href="mailto:jpv52@cornell.edu">jpv52@cornell.edu</a></td>
</tr>
<tr>
<td>Benjamin Walker</td>
<td>University of Virginia</td>
<td><a href="mailto:b.c.walker89@gmail.com">b.c.walker89@gmail.com</a></td>
</tr>
<tr>
<td>Julie Walker</td>
<td>University of Pennsylvania</td>
<td><a href="mailto:jul.m.walker@gmail.com">jul.m.walker@gmail.com</a></td>
</tr>
<tr>
<td>Brian Walsh</td>
<td>Harvard University</td>
<td><a href="mailto:brian.walsh@student.chaminade.edu">brian.walsh@student.chaminade.edu</a></td>
</tr>
<tr>
<td>Sarah Wellington</td>
<td>Stanford University</td>
<td><a href="mailto:stwellin@stanford.edu">stwellin@stanford.edu</a></td>
</tr>
<tr>
<td>Tre Wells</td>
<td>University of Chicago</td>
<td><a href="mailto:tre_wells@yahoo.com">tre_wells@yahoo.com</a></td>
</tr>
<tr>
<td>Janelle White</td>
<td>University of Chicago</td>
<td><a href="mailto:jwhite09@uw.edu">jwhite09@uw.edu</a></td>
</tr>
<tr>
<td>Zollie White III</td>
<td>New York University</td>
<td><a href="mailto:zolliewhite3@gmail.com">zolliewhite3@gmail.com</a></td>
</tr>
<tr>
<td>Kathleen Whiteley</td>
<td>University of Pennsylvania</td>
<td><a href="mailto:k.whiteley@berkeley.edu">k.whiteley@berkeley.edu</a></td>
</tr>
<tr>
<td>Jasmine Whiteside</td>
<td>University of Pennsylvania</td>
<td><a href="mailto:jasmine.whiteside@eagles.usm.edu">jasmine.whiteside@eagles.usm.edu</a></td>
</tr>
<tr>
<td>Debra Whorms</td>
<td>Washington University</td>
<td><a href="mailto:debra.whorms@yorkmail.cuny.edu">debra.whorms@yorkmail.cuny.edu</a></td>
</tr>
</tbody>
</table>
Charles Wilkes
Vanderbilt University
Morehouse College
cewilkes11@gmail.com

Christina Williams
Columbia University
Trinity College
cw2700@columbia.edu

Olamide Williams
Princeton University
Columbia University
williams.olamide@gmail.com

Clara Woods
Weill Cornell Medical College
University of Pittsburgh
crw49@pitt.edu

Christine Wu
Hunter College
Boston College
wucn@bc.edu

Nicole Yamase
University of Miami
Chaminade University of Honolulu
nicole.yamase@student.chaminade.edu

Saiah Yates
Johns Hopkins University
University of Maryland, Baltimore County
saiah1@umbc.edu

Diana Yusim
Weill Cornell Medical College
City College of New York
dyusim00@ccny.cuny.edu

Yasmin Zakiniaeiz
Brown University
Hunter College
yasmin.zakiniaeiz@gmail.com

Jorge Zarate Rodriguez
New York University Sackler Institute
New York University
jzr213@nyu.edu
Who’s Who at the Symposium

Earnestine Baker
*University of Maryland, Baltimore County*

Earnestine Baker is the Assistant to the Vice President of Institutional Advancement/Executive Director of the Meyerhoff Scholars Program at the University of Maryland, Baltimore County (UMBC). She joined UMBC in 1983 as the Coordinator of Minority Recruitment in the Office of Admissions. Between 1987 and 1992 she served as Associate Director for Scholarships at the University. In 1992, Mrs. Baker was appointed Director of the Meyerhoff Scholars Program, a nationally recognized program for talented students interested in pursuing terminal degrees in the sciences, mathematics, and engineering and computer science. The University System Maryland (USM) Board of Regents selected Mrs. Baker as the USM Outstanding Member for service to its community in July 2008. Mrs. Baker served as the Director of the Meyerhoff Scholars Program at UMBC for ten years and was appointed the Executive Director of the Program in 2002.

Geneva H. Baxter
*Spelman College*

Geneva Hampton Baxter is Associate Dean of Undergraduate Studies at Spelman College. An alumna of Spelman, she received her MA in literature from the University of Wisconsin (Madison) and her Ph.D. from Georgia State University in American Literature and Rhetoric. As Associate Dean, she coordinates the First-year Experience program and provides oversight for the First-Generation Scholars program. She has served the College in numerous capacities, including Self-Study editor, member of the Honors Program Committee, Curriculum Committee, and Academic Honesty Committee. She has served as faculty coordinator for the Benjamin E. Mays Institute, a diversity leadership consortium with Morehouse and Bates College and as a UNCF faculty mentor. A summer program coordinator of Leadership Alliance since 2009, she serves on its Membership Committee.

Jabbar R. Bennett
*Brown University*

Dr. Bennett serves as associate dean of the Graduate School, associate dean for diversity in the Division of Biology and Medicine, and clinical assistant professor of medicine at The Warren Alpert Medical School of Brown University. In the Graduate School he is responsible for recruitment and coordinating professional development activities for graduate students and postdocs. In the Division of Biology and Medicine Dr. Bennett oversees the recruitment and advancement of medical students, faculty and trainees who are members of underrepresented groups. Prior to joining Brown he served on the faculty at Harvard Medical School and directed the Office for Multicultural Faculty Careers at Brigham and Women’s Hospital. Previously, Dr. Bennett also served as Senior Director of Development for Life Sciences, Healthcare and Education Industry Partnerships with United Way of Massachusetts Bay (UWMB) in Boston, and as Research and Science Specialist in the Office for Diversity and Community Partnership at Harvard Medical School. Dr. Bennett received his B.S. in biology and minor in Spanish from North Carolina Agricultural and Technical (A&T) State University, and his Ph.D. in biomedical sciences from Meharry Medical College.

Travis Boyce
*University of Northern Colorado*

Dr. Travis Boyce (2001 Yale University SR-EIP fellow) is an Assistant Professor of Africana Studies and Social Sciences. He holds a B.A. in history (2002) from Claflin University, a M.A. in history (2004) and a Ph.D in Cultural Studies (2009) from Ohio University. His area of expertise is in the history of education; particularly, African American college presidents during the mid-twentieth century. He has articles published (or forthcoming) in the *Journal of Black Studies*, *Journal of Pan African Studies* and the *African American National Biography*. He has also reviewed books for the *Journal of Negro Education* and contributed chapters to edited books. In addition to his faculty duties at UNC, he was recently elected vice-chair of the Liberal Arts Council, co-advisor to Mortar Board Collegiate Honor Society, a member of the editorial board of the Undergraduate Research Journal and serves as a Faculty in Residence for Housing and Residential Education.
Dawn Brown

*Companion Animal Product Development, Elanco*

Dawn P.G. Brown is currently a Research Scientist at Eli Lilly and Company in Indianapolis, Indiana. Her responsibilities include the design and implementation of strategies for the development of Companion Animal products for the Elanco Animal Health division. Prior to this, she was a Post-doctoral Scientist where she focused on the discovery of novel markers of drug development for Osteoarthritis and Alzheimer’s disease in the laboratory. This was an extension of the work she completed in graduate school at Indiana University School of Medicine where she earned her Ph.D. in Biochemistry and Molecular Biology. For four years, her research focus was *Understanding Cisplatin Drug Resistance in Human Ovarian Cancer*. This research afforded her the publication of multiple peer reviewed articles. She currently serves in the community through her work with non-profit organizations such as NOBCChE and MANRRS, which seek to recruit and support minorities interested in the Sciences. She is also a member of Alpha Kappa Alpha Sorority, Inc. and part of the Hunger Initiative at Eli Lilly where she serves in the Indianapolis community as a volunteer.

Liza Cariaga-Lo

*Harvard University*

In July 2012, Dr. Cariago-Lo assumed the position of Associate Provost for Academic Development and Diversity at Brown University. Liza Cariaga-Lo was Assistant Provost for Faculty Development and Diversity at Harvard University. She was previously Assistant Dean at the Yale Graduate School of Arts & Sciences and the Director of the Office for Diversity and Equal Opportunity, as well as Clinical Professor, Child Study Center at Yale School of Medicine. She received her master's and doctorate in Education and Developmental Psychology from Harvard University. Besides teaching courses related to minority health and developmental psychology, Dr. Cariaga-Lo has also taught African American Studies and Asian American Studies courses and consults widely on cultural diversity and multicultural education issues. Her areas of research include education program evaluation, minority student development, ethnic minority health care, and public policy affecting children and families. She has just completed work on a book about the identity development of Asian Americans and is working on a children’s book about growing up in a multicultural environment.

Candace Carroll

*St. Jude’s Children Research Hospital*

Candace E. Carroll was a Leadership Alliance participant in 2003 at Cornell University and earned her Bachelor’s of Science in Biology from Tougaloo College in 2005. She then pursued her Ph.D. in Biomedical Sciences at the University of Missouri-Columbia, where she investigated natural compounds with chemopreventive and chemotherapeutic potential in progesterin-dependent breast cancer. Currently, Dr. Carroll is a postdoctoral fellow at St. Jude Children’s Research Hospital investigating the Hedgehog signaling pathway using *Drosophila melanogaster* as a model system. She is a member of AACR, The Genetics Society for America, and the Society for Developmental Biology and is a UNCF/Merck Postdoctoral Fellow. Dr. Carroll also serves on the postdoctoral council at St. Jude as vice chair of Minority, Women and International Affairs as well as the Career Development vice chair for the 2011-2012 academic year; and was recently elected Chair of the St. Jude Postdoctoral Council for the 2012-2013 academic year. Dr. Carroll is passionate about teaching and mentoring the next generation of scientists and is excited to be a part of the 2012 LANS.

Lloyd E. Douglas

*The University of North Carolina at Greensboro*

Lloyd E. Douglas is the Associate Director of the Office of Sponsored Programs at the University of North Carolina at Greensboro. Prior to coming to UNCG, he was the Assistant to the Vice President for Research at the University of Nevada, Reno, after a long career as a Federal employee. Although that career carried him through a variety of disciplines, it began and ended with his being a mathematician, with the Naval Underwater Systems Center and the National Science Foundation, respectively. Lloyd has a passion for enabling undergraduate research and was instrumental in expanding those opportunities when handling the REU program in the mathematical sciences. He currently serves as First Vice President of the Mathematical Association of America. Lloyd received his B.S. degree in Mathematics from the City College of New York and his M.S. in Mathematics from Miami University.
Mary Farwell  
**East Carolina University**  
Mary is Professor of Biology and Director of Undergraduate Research and has carried out research on apoptosis in non-cancer breast cells as well as oxidative stress in fish with Master's and undergraduate students. She has had grant funding from the NIH-AREA program as well as NC Sea Grant for her research. She was recently awarded an NSF S-STEM grant and is co-PI on a grant for STEM outreach for middle school girls. She teaches cell biology and biochemistry, as well as courses in mentoring (for graduate students) and research (for honors students). Mary has served on grant review panels for NIH and the American Heart Association. She has served as a Council for Undergraduate Research (CUR) Biology councilor and a facilitator for CUR's Proposal Writing Institute and Proposal Development Workshops. She received her ScB in Biology from Brown University and PhD in Biochemistry from UC-Berkeley.

Saul Fisher  
**Mercy College**  
Saul Fisher is Executive Director of Grants and Academic Initiatives, and Visiting Associate Professor of Philosophy, at Mercy College. Previously, he served as Interim Associate Provost for Academic Standards and Research. Before joining Mercy College, Fisher was Associate Provost and Adjunct Associate Professor of Philosophy at Hunter College (CUNY); Director of Fellowship Programs of the American Council of Learned Societies; and program officer at The Andrew W. Mellon Foundation, where his portfolio centered on instruction and curricular reform, information technology, and American universities abroad. Fisher received his AB in political science and philosophy from Columbia University, MA in philosophy from Rice University, and PhD in philosophy from the CUNY Graduate Center. He is recipient of Fulbright and Graham Foundation awards. He is a past president of HOPOS—the International Society for the History of Philosophy of Science and past chair of the American Philosophical Association’s Committee on Non-Academic Careers.

Tiffani Fonseca  
**American Society for Microbiology**  
Tiffani Fonseca is the Fellowship Programs Coordinator in the Education Department of the American Society for Microbiology (ASM). She is responsible for five fellowship programs: the ASM/CDC Postdoctoral Research Fellowship, the ASM Robert D. Watkins Graduate Fellowship, the ASM Undergraduate Research Fellowship, the ASM-Undergraduate Research Capstone, and the ASM Undergraduate Teaching Fellowship. Prior to working at ASM, she was the Outreach and Production Specialist/Program Coordinator at the Kuwait America Foundation and its affiliate (the Embassy of the State of Kuwait). Fonseca holds dual bachelor's degrees in Cognitive and Experimental Research in Psychology and Intercultural Communications. She has studied abroad in Accra, Ghana, and Roatan, Honduras, and conducted extensive research on blindsight, Parkinson's disease, Alzheimer's disease, and for the National Survey of Student Engagement Report among others.

Alisha Gaines  
**Florida State University**  
Alisha Gaines is Assistant Professor of English at Florida State University. She earned a PhD in English and certificate in African and African American Studies from Duke University in 2009. Before joining the faculty at FSU, she was a Carter G. Woodson Postdoctoral Fellow at the University of Virginia. She is currently drafting her book manuscript, Black Like We Imagine Ourselves: Spectacular Fantasies of Race and Nation. The project rethinks the political consequences of empathy by examining mid-to-late twentieth and twenty-first century narratives of racial impersonation enabled by the spurious alibi of racial reconciliation. She examines the memoirs of temporarily black Ray Sprigle, Grace Halsell, and John Howard Griffin alongside advertising campaigns, photography, and film. Her interdisciplinary teaching interests include African American literature and culture, black queer theory, media and performance studies, and New Southern studies. A life-long fan of Michael Jackson, she will teach a seminar on the iconic artist in Fall 2012.
Sophia Gayle  
*Yale University*

Sophia Gayle is currently a 5th year graduate student in the lab of Dr. Tian Xu within the Yale Genetics Department. Her work involves utilizing the piggyBac transposon to identify molecules contributing to self-renewal and differentiation in human embryonic stem cells. Sophia received her B.S. at Duke University, where her undergraduate thesis led to second authorship of the paper “Loss of Drosophila melanogaster p21-activated kinase 3 Suppresses Defects in Synapse Structure and Function Caused by spastin Mutations.” Sophia is a former Gates Millennium Scholar, participant in the Summer Undergraduate Research Fellowship at Dartmouth University, and has been involved in mentoring New Haven middle school students through Yale’s Science Education Outreach Program. In her free time, Sophia enjoys hiking, gardening, and reading fanfiction.

Kenneth Gibbs  
*National Science Foundation*

Kenneth Gibbs, Jr., Ph.D., is a AAAS Science & Technology Policy Fellow at the National Science Foundation in the Directorate for Education and Human Resources (EHR), Division of Human Resource Development (HRD). Prior to the AAAS fellowship, he was a graduate student and postdoc at Stanford in Garry Nolan’s lab where his research focused on the intersections of cell signaling, stem cell biology and cancer biology. While at Stanford, he worked to improve the training experiences for all students, with an emphasis on increasing the participation of trainees from traditionally underrepresented backgrounds. He hopes to return to academia where he can have an impactful career and can combine his passions for service, teaching and research. Originally from Durham, NC, he received his B.S. in biochemistry and molecular biology summa cum laude from the University of Maryland, Baltimore County where he was a Meyerhoff, MARC, and HHMI scholar.

Leislie Godo-Solo  
*Institute for Recruitment of Teachers*

Ms. Godo-Solo has served as the Associate Director of the Institute for Recruitment of Teachers (IRT) since 2002. 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 received an 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. Additionally, Ms. Godo-Solo has nine years of combined experience as a high school Spanish teacher and recruiter of undergraduate teacher education candidates. Currently, as the Associate Director of IRT, Mrs. Godo-Solo plays an integral role in recruiting and counseling talented students who are preparing for graduate school admission. She is deeply passionate about educational access, mentoring, and programs that ensure students’ success in graduate school.

Ruth Gotian  
*Weill Cornell/Rockefeller/Sloan-Kettering*

Ruth Gotian is the Administrative Director of the Weill Cornell/Rockefeller/Sloan-Kettering Tri-Institutional MD-PhD Program for over 15 years. She received her B.S. and M.S. in Business Management from the University at Stony Brook in New York. Since joining the staff of the Tri-Institutional MD-PhD Program, Mrs. Gotian has seen the size of the program increase by nearly 25%, the number of applications to their MD-PhD Program has increased by over 30% and the number of underrepresented minority students in their program has doubled and is now one of the highest in the country. Mrs. Gotian also oversees the unique summer program for pre-MD-PhD students, Gateways to the Laboratory Program. She is also very active on the national MD-PhD Program scene, as she served on the National MD-PhD Steering Committee of the Association of American Medical Colleges (AAMC) and is on the National MD-PhD Communications Committee.
Frederick Gregory  
*Morhouse College*

Frederick Gregory is Program Manager for the John H. Hopps Jr. Defense Research Scholars Program at Morehouse College in Atlanta. In this position he mentors and coordinates efforts to support the research training of undergraduate S.T.E.M. scholars. He is also a 2011-2012 Fellow of the Keystone Symposia on Molecular and Cellular Biology. Dr. Gregory received his B.S. degree in Biology from Morehouse College and his Ph.D. in Neurobiology from UCLA. He was also an IRACDA teaching postdoctoral fellow in Pharmacology at Emory University and visiting postdoctoral scholar in Molecular Physiology and Biophysics at University of Iowa. His recent work on protein interactions in sensory hair cells has been featured in Nature Neuroscience. It focused on a novel interaction that controls trafficking and modifies the electrical activity of L-type voltage gated Ca2+ channels.

Mark Hernandez  
*University of Colorado at Boulder*

Mark Hernandez received all his degrees, and did a post-doctoral tenure in the Civil and Environmental Engineering Department at the University of Colorado at Berkeley. After several years of civil engineering practice, he joined the University of Colorado faculty in 1996, where he is now a full professor. Dr. Hernandez is a registered professional engineer, and maintains a modest consulting practice based on a generation of his research which lies in characterizing the biological aspects of air pollution—both indoors and out. An expert on the quantitation and remediation of bioaerosols, his research group has most recently focused on determining design metrics for large scale aerosol disinfection systems using novel HVAC designs, UV, and weak electric fields. Outdoor aerobiological characterization work has focused on large scale disasters including bioaerosols generated by major metropolitan floods, the quarantined City of New Orleans following Hurricane Katrina, and coastal Louisiana following the deep water Horizon oil spill. Dr. Hernandez is currently a member of National Research Council committees to review risk assessments of biological warfare laboratories maintained by the US military, and the US Department of Homeland Security Agricultural Defense facilities.

Karen Jackson-Weaver  
*Princeton University*

Dr. Karen Jackson-Weaver is the Associate Dean of Academic Affairs and Diversity at Princeton University’s Graduate School. Prior to her post at Princeton, she served as the Executive Director of the New Jersey Amistad Commission. Dr. Jackson-Weaver’s area of specialization is 20th century African-American history, with a focus on women’s leadership roles in Modern America. She has been a Research Fellow at the Institute for Research in African-American Studies at Columbia University and a faculty member at the Institute of Youth Ministry at Princeton Theological Seminary. Dr. Jackson-Weaver earned her Bachelor of Arts degree from Princeton University, where she majored in American History. Upon graduation from Princeton, Dr. Jackson-Weaver attended Harvard University where she received a Specialized Master’s Degree in Education. She holds a Doctorate of Philosophy in American History from Columbia University, where she was a Kluge Scholar Fellow, Merit Dissertation winner and nominee for the university-wide teaching award.
Dr. Marcus B. Jones is an Assistant Professor within the Infectious Disease and Genomic Medicine groups at JCVI, where he specializes in a wide variety of gene expression and biomarker discovery studies. His scientific research focuses on employing “omics” technologies to understand various human disease, microbial infection models and the evolution of antibiotic resistance. Dr. Jones received his bachelor's degree at Southern University and A&M College in Baton Rouge, LA in 2000. He received his Ph.D. in Microbiology in 2005 studying in the laboratory of Dr. Martin J. Blaser in The Sackler Institute at New York University School of Medicine. Dr. Jones did his post-doctoral training at The Institute for Genomic Research (TIGR) from 2005-2006 in the laboratory of Dr. Scott N. Peterson in the Pathogen Functional Genomics Resource Center (PFGRC) prior to joining the JCVI. Dr. Jones was the recipient of the UNCF/Merck Graduate Dissertation Fellowship, the David and Lucile Packard Foundation Graduate Fellowship, two-time recipient of the Aspen Health Forum Fellowship and the Keystone Symposium Fellowship.

Shirley Malcom

*American Association for the Advancement of Science (AAAS)*

Shirley Malcom is Head of the Directorate for Education and Human Resources Programs of the American Association for the Advancement of Science (AAAS). The directorate includes AAAS programs in education, activities for underrepresented groups, and public understanding of science and technology. Dr. Malcom serves on several boards—including the Heinz Endowments and the H. John Heinz III Center for Science, Economics and the Environment—and is an honorary trustee of the American Museum of Natural History. In 2006 she was named as co-chair (with Leon Lederman) of the National Science Board Commission on 21st Century Education in STEM. She serves as a Regent of Morgan State University and as a trustee of Caltech. In addition, she has chaired a number of national committees addressing education reform and access to scientific and technical education, careers and literacy. Dr. Malcom is a former trustee of the Carnegie Corporation of New York. She is a fellow of the AAAS and the American Academy of Arts and Sciences. She served on the National Science Board, the policymaking body of the National Science Foundation, from 1994 to 1998, and from 1994-2001 served on the President's Committee of Advisors on Science and Technology. Dr. Malcom received her doctorate in ecology from Pennsylvania State University; master's degree in zoology from the University of California, Los Angeles; and bachelor's degree with distinction in zoology from the University of Washington. She also holds 15 honorary degrees and in 2003 received the Public Welfare Medal of the National Academy of Sciences, the highest award given by the Academy.

Jessian L. Munoz

*New Jersey Medical School (NJMS)*

Jessian L. Munoz is a fourth year MD-PhD candidate at the Graduate School of Biomedical Sciences at NJMS. He has completed a dual concentration in Neuroscience and Stem Cell Biology. Before coming to NJMS, Jessian graduated from the University of Puerto Rico-Cayey with a B.S. in Biology. Jessian is currently training in the lab of Dr. Pranela Rameshwar within the Department of Medicine-Division of Hematology/Oncology. His thesis research combines a model with human Mesenchymal Stem Cells to understand neurodevelopmental pathways by small RNA molecules and to extrapolate the findings to understand chemoresistance of glioblastoma. Jessian has already published original and review articles. Jessian is the recipient of several awards: NJMS-Alumni Association Research Fellowship (2010), Drs. George and Helene Hill Endowed Scholarship (2011) FM Kirby Neurosciences Fellow (2011), NACME Sloan PhD scholar (2011), as well as the NJMS Early Scientist Award for Excellence (2012). Jessian is currently the President of the NJMS Graduate Student Association.
Darryl Murray
*NIH Office of Intramural and Education*

Dr. Murray is a native of Birmingham, Alabama. He attended Alabama State University in Montgomery Alabama, where he earned a B.A. degree in Biology and a Masters degree in Microbiology. Subsequently, he earned a Ph.D. in Biology from Johns Hopkins University in Baltimore, Maryland. He conducted his postdoctoral training in the Laboratory of Genetics at the National Institute on Aging (NIA), where his work involved chromatin remodeling and gene regulation. He later became the NIA Intramural Research Program's Postdoctoral Recruitment Specialist and Associate Training Director. There, he conducted recruitment activities for postdoctoral fellows, clinical fellows, staff scientists, staff clinicians, tenure track scientists, and upper level technical staff and designed and implements training and career development initiatives. He currently works in the NIH Office of Intramural and Education, where he is Director of the NIH Undergraduate Scholarship Program (UGSP). The NIH UGSP targets students from disadvantaged backgrounds, who have a commitment to careers in biomedical, behavioral and social sciences research. Here, he also participates in the design and implementation of career development projects for NIH trainees.

Christine O'Brien
*National Academy of Science*

Chris O'Brien has worked at the Fellowships Office of the Policy and Global Affairs Division of the National Academies since the mid-1970's. 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). Since 1979, Chris has worked primarily on the Ford Foundation Predoctoral, Dissertation, and Postdoctoral Fellowship Programs. The total of Ford Fellowship awards (administered by the National Academies) recently reached 2700. Chris and Joan Rosenthal were co-founders of the Fellowship Roundtable in 1995.

Joel Oppenheim
*New York University School of Medicine*

Dr. Joel D. Oppenheim is a Professor of Microbiology and presently serves as the Senior Associate Dean for Biomedical Sciences and Director of the Sackler Institute of Graduate Biomedical Sciences at NYU School of Medicine. In these positions he oversees all Ph.D (>300 students) and Postdoctoral (>400) trainees and Research Programs. He serves on the NYU School of Medicine's MD and MD/PhD. Admissions Committees and chairs the Ph.D. Admissions Committee. He is the founder and director of the NYU’s Summer Undergraduate Research and Postdoctoral Programs, and the founder of the “*What Can You Be With a PhD?*” Symposium, 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). 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.

Damani Piggott
*Johns Hopkins University*

Dr. Damani Piggott is a Postdoctoral Fellow in the Division of Infectious Diseases and Department of Epidemiology at Johns Hopkins University. Dr. Piggott received his B.S. degree in Biology and Spanish from Morehouse College in 1997, and subsequently attained his Ph.D. in Immunology in 2004 and his M.D. degree in 2005 from Yale University. He completed a residency program in Internal Medicine and Pediatrics at Yale New Haven Hospital in 2009. His prior research activities have included the study of CD4 T cell immunity, HIV and syphilis infection within U.S. correctional facilities, and African trypanosomiasis in Mali. He has also served as a volunteer clinician for HIV and HIV/Tuberculosis co-infected patients in South Africa. His current research centers on understanding the epidemiologic and immunologic basis of the intersection of HIV and aging among Injection Drug Users. Dr. Piggott participated in the Leadership Alliance SR-EIP in 1994 and 1995 at Brown University.
Nicole Ramsey
Weill Cornell Medical College

A native New Yorker, Nicole Ramsey, has returned home to become an MD-PhD Student in the Weill Cornell/Rockefeller/Sloan-Kettering Tri-Institutional MD-PhD Program. Currently in her fifth year of the program, Nicole's thesis work focuses on drug discovery for the malaria parasite Plasmodium falciparum (Pf) and establishing the sAC-like enzyme, Pf adenylyl cyclase β, as a relevant drug target. Prior to this, she graduated magna cum laude from Howard University with a Bachelor of Science in Biology (Chemistry and Mathematics minor). Nicole is committed to diversifying the pool of future doctors, scientists, and physician-scientists. She participates in mentoring and teaching through programs such as especially Motivating Action through Community Health Outreach, where she serves as co-Program Director. Her awards of distinction and professional memberships include UNCF/Merck Graduate Dissertation Fellowship, Laureate Scholarship, David L. McLaughlin Undergraduate Research Award, Alpha Kappa Alpha Sorority, Inc., and Sigma Xi Scientific Research Society.

David Redman
Princeton University

David Redman is the Associate Dean for Academic Affairs at Princeton University, a position he has held since 1987. Prior to 1987, Dr. Redman was the Assistant Dean of the Graduate School (Budget and Financial Planning, Student Affairs and Housing, and Foreign Students) and Assistant Dean for Academic Affairs for the humanities and social sciences. Dr. Redman earned a B.A. in English from Williams College and a B.A. with honors in English from Worcester College at Oxford. He received his Ph.D. in English Literature from Yale University.

K. Rashid Rumah
Weill Cornell/Rockefeller/Sloan Kettering Tri-I

Rashid Rumah is a fourth-year MD/PhD candidate at the Weill Cornell/ Rockefeller/Sloan Kettering Tri-Institutional MD/PhD program in New York City. He received his B.S. degree in Biology from Stanford University in 2006, spent two years as laboratory technician at Stanford, and then continued on to pursue his doctoral degrees at the Tri-I in 2008. Rashid currently studies Multiple Sclerosis, with a particular interest in creating a new animal model for the disease.

Edgardo Sanabria-Valentín
Staff Scientist at Sample6 Technologies

Edgardo is part of the product development team at Sample6 Technologies, which develops fast and easy-to-use sensors for harmful bacteria. Since he joined a year and a half ago as the first full-time hire, Sample6 has raised over $5 million from investors, and is currently in the early stages of testing their first product: a diagnostic tool that can detect the foodborne bacterial pathogen Listeria on the same day the sample is collected. Edgardo obtained his Bachelor’s degree from Universidad de Puerto Rico-Mayagüez, where he majored in Industrial Microbiology. He received his doctoral degree from NYU-School of Medicine, where his work focused on understanding the adaptations that some bacteria undergo to become part of its host’s microbiota in the laboratory of Dr. Martin Blaser. While at NYU, Edgardo was a recipient of a Leadership Alliance-Schering-Plough Graduate Fellowship and a NIGMS Predoctoral Fellowship and served on several occasions as the graduate student advisor the NYU-Sackler SURP. He has also worked as an Adjunct Professor and Grant Reviewer at John Jay College in NYC. After graduating from NYU, Edgardo joined Dr. Roberto Kolter’s lab at Harvard Medical School as a Postdoctoral Fellow. There he worked developing techniques to search for new compounds that had the potential to inhibit bacterial biofilm formation, potentially improving the activity of antimicrobial compounds like antibiotics and disinfectants.
Nancy Schwartz  
*University of Chicago*

Dr. Nancy Schwartz is Associate Dean for Postdoctoral Affairs and Co-director of the Office of Graduate Affairs, having served as Dean for Graduate and Postdoctoral Affairs in the Division of Biological Sciences for more than 25 years. She has served on several NIH study sections, foundation review boards and editorial boards, the AAMC-GREAT Steering Committee, Chair of both Graduate Deans and Postdoc Leaders groups, and the Founding Advisory Board of the NPA. She is director of the Kennedy Research Center, the NICHD M.D./Ph.D. training Program, HHMI Med into Grad Program, and NIGMS Post-bac (PREP). She has had continuous NIH R01 research funding, received both a MERIT award and a Mentor of Excellence from NIH, and is Director of an NIH Program Project and a P30 Center. Dr. Schwartz's functions and responsibilities in graduate and postdoctoral education and program administration have focused on evolving and complex educational needs of emerging researchers in the life sciences.

Pamela Scott-Johnson  
*Morgan State University*

Pamela E. Scott-Johnson is Chair and Associate Professor in the Department of Psychology at Morgan State University. Dr. Scott-Johnson’s research seeks to examine the gender differences in psychosocial factors that impact health and wellness. She has been an active participant with the American Psychological Association Education and Science Directorates, Project Kaleidoscope/Faculty for the 21st Century, and the Association of Heads of Departments of Psychology (AHDP). She served on a number of review panels within the academic and funding agencies. Prior to her academic affiliations, Dr. Scott-Johnson worked in the food industry as a senior research scientist. Dr. Scott-Johnson held memberships in the Society for Neuroscience, Faculty for Undergraduate Neuroscience (FUN; councilor), the American Psychological Association, and the Association for Chemoreception Sciences (AChemS). She earned a B.A. degree in Psychology and graduated magna cum laude from Spelman College in 1982, and an M.A. and Ph.D. in Psychology and Neuroscience from Princeton University.

Laurel Southard  
*Cornell University*

Laurel Southard is the Director of Undergraduate Research and Outreach in Biology at Cornell University. She directs the Cornell Hughes Scholar Program, the Leadership Alliance Summer Program, and the Cornell Institute for Biology Teachers. She did her undergraduate work at the University of New Mexico in biology and art. Her research with Dr. Alexander Kisch of the University of New Mexico School of Medicine inspired a lifelong love of infectious disease and her recognition of the power of mentoring and faculty support. She studied parasitology and tropical medicine at Tulane University before moving to Cornell. After studying the importance of capsid proteins in viruses for many years, she joined the Office of Undergraduate Biology. In her current position, in addition to directing the programs above, she teaches and advises undergraduate biology majors.

Patrice Spitalnik  
*Columbia University*

Patrice F. Spitalnik, M.D. is an Associate Professor of Clinical Pathology and Cell Biology at Columbia University College of Physicians and Surgeons. She is the Assistant Director of the M.D.-Ph.D. Program and teaches general pathology and surgical pathology to second and third year medical students, as well as to M.D.-Ph.D. students. She is the Section Director of the first year medical student histology course. She recently created a new course for M.D.-Ph.D. students on “Responsible Conduct of Research” in addition to a new lecture series, “Grand Rounds for Graduate Students.” She is interested in medical education related to the interface between basic research and clinical medicine and the training of physician-scientists. Dr. Spitalnik earned her medical degree from the University of Chicago, and was awarded research fellowships from NIH and the University of Pennsylvania Medical School. She has also been awarded numerous honors for her career in teaching.
Howard A. Stone
Princeton University

Dr. Howard A. Stone is the Donald R. Dixon ’69 and Elizabeth W. Dixon Professor in Mechanical and Aerospace Engineering in the School of Engineering and Applied Science at Princeton University. Howard Stone received his B.S. from the UC Davis in 1982 and his Ph.D. in chemical engineering from the Caltech in 1988. He joined the Harvard faculty in 1989 after spending one year as a post-doctoral fellow at Cambridge University. In 2009 he moved to Princeton University. His research interests are in the motions of fluids, and his studies, including experiments and theory, span engineering, physics, chemistry, biology and applied mathematics. At Harvard Howard received the Joseph R. Levenson Memorial Award for undergraduate teaching and the Phi Beta Kappa Undergraduate Teaching Prize, while at Princeton in 2011 Howard received an Engineering Council Teaching Prize. He is a fellow of the American Physical Society and past chair of the Division of Fluid Dynamics. In 2008 he received the first G.K. Batchelor Prize in fluid dynamics, in 2009 he was elected to the National Academy of Engineering, and in 2011 he was elected to the American Academy of Arts and Sciences.

Brian P. Sullivan
Washington University in St. Louis

Mr. Sullivan is the Executive Director of the Medical Scientist Training Program (MSTP) at Washington University (WUSTL), the largest MD-PhD program in the country. Mr. Sullivan was a founding officer of the MD-PhD Section of the AAMC GREAT Group; he also serves as the Secretary-Treasurer of the National Association of MD-PhD Programs. In 2002, Mr. Sullivan established WUSTL's BioMedRAP, a summer research program for minority and disadvantaged undergraduates. Mr. Sullivan earned a B.S. in Political Science and a M.S. in Spanish Literature from St. Louis University. He also earned a M.B.A. from Washington University.

Lawrence Tabak

Lawrence A. Tabak, D.D.S., Ph.D. was appointed as the Principal Deputy Director of the NIH on August 23, 2010. He has served as co-chair of several trans-NIH activities, including the NIH-wide initiative to enhance peer-review, and played a leadership role in coordinating the agency’s response to the American Recovery and Reinvestment Act. From 2000 to 2010 he was Director of the National Institute of Dental and Craniofacial Research. Prior to joining the NIH, Dr. Tabak was the senior associate dean for research and professor of dentistry and biochemistry and biophysics in the School of Medicine and Dentistry at the University of Rochester. A former NIH MERIT recipient, Dr. Tabak’s major research focus has been on glycoprotein biosynthesis and function. He continues to lead an active research laboratory within the NIH intramural program in addition to his administrative duties. Dr. Tabak is a native of Brooklyn, New York, received his undergraduate degree from City College of the City University of New York, his D.D.S. from Columbia University, and a Ph.D. from the University of Buffalo. He is a fellow of the American Association for the Advancement of Science and a member of the Institute of Medicine of the National Academies.

Sheila Thomas
Harvard University

Dr. Sheila Thomas is a faculty member in the Division of Medical Sciences PhD Programs and the Department of Medicine at Harvard Medical School and serves as Assistant Dean for Diversity and Minority Affairs for Harvard University’s Graduate School of Arts and Sciences. In her faculty and administrative roles, she teaches and mentors PhD and MD-PhD students as well as undergraduates. Dr. Thomas serves on various committees focused on different aspects of graduate education and is a member of the admissions committees for the Division of Medical Science’s PhD programs and Harvard Medical School’s MD-PhD program. She previously served as faculty co-director of the Summer Honors Undergraduate Research Program and is now faculty director of this program. In her new role as Assistant Dean, she oversees the diversity efforts for Harvard University’s 57 PhD programs and is committed to creating, identifying and implementing initiatives to diversify the Academy at all levels.
Susie Valaitis
_Institute for Broadening Participation_

Susie Valaitis is Senior Associate Director of the Institute for Broadening Participation. She has worked for eight years with IBP, the National Science Foundation (NSF) and NASA to support students in STEM pathways and increase participation at all levels of STEM education. Her previous experience includes work in land conservation and providing community development and support to residents of Maine's year-round island communities. She has more than twelve years of experience in nonprofit administration, project development and implementation, community development, website and materials design and implementation. She has studied community planning and development at the graduate level, holds a Certificate in Mediation, and earned a BA in British and American Literature from Brown University.

Eric Villegas
_National Exposure Research Laboratory (EPA)_

Dr. Eric Villegas is a research microbiologist with the US Environmental Protection Agency. He was a former MARC-fellow at CSU, Northridge, and one of the first to participate in the Leadership Alliance SR-EIP at Yale University. He received his doctorate degree at the University of Pennsylvania School Of Medicine studying host factors regulating immune responses to parasitic diseases. He continued his training as post-doctoral fellow at UC Berkeley where he developed novel approaches to identify host pathways involved in immune evasion mechanisms during infection. Dr. Villegas is currently the Lead Parasitologist at the USEPA responsible for developing tools to understand human health risks associated with exposure to parasites like, *Cryptosporidium, Giardia, and Toxoplasma gondii* in our drinking water. He has served as executive editor and reviewer for various peer-reviewed journals, presented in numerous international scientific conferences, and published many papers on immunological and environmental consequences from exposure to waterborne parasites.

Aileen Walter
_National Action Council for Minorities in Engineering_

Aileen Walter began her second stint at NACME as vice president, Scholarships and University Relations. In this capacity, she is responsible for the management and direction of all NACME scholarship programs and scholarship management services. She has developed and implemented NACME’s Scholars’ Program, an initiative that includes a partnership with more than 40 colleges and universities. She also administers the Alfred P. Sloan Minority Ph.D. and Indigenous Graduate Partnerships, a grant of $40 million. Both programs are focused on increasing the number of underrepresented American minorities who earn Ph.D. degrees in mathematics, the natural sciences, and engineering. Walter has more than 20 years of experience in scholarship management and in developing successful college and university partnerships to increase the representation of underrepresented minorities. She currently serves as a member of the Association of Public and Land-Grant Universities—Minority Male STEM Initiative Task Force, the Advisory Council for the University of Colorado’s Broadening Opportunity through Leadership and Diversity Initiative, Cornell University’s Diversity Programs in Engineering Advisory Council and has served on the boards of the National Society of Black Engineers and the Society of Hispanic Professional Engineers. Walter holds a B.A. degree in English Literature from Montclair State College and a M.A. degree in Higher Education Administration from New York University.

Thomas J. Webster
_Brown University_

Thomas J. Webster is an associate professor for the School of Engineering and Department of Orthopaedics at Brown University. His degrees are in chemical engineering from the University of Pittsburgh (B.S., 1995) and in biomedical engineering from Rensselaer Polytechnic Institute (M.S., 1997; Ph.D., 2000). His research addresses the design, synthesis, and evaluation of nanophase materials (that is, materials with fundamental length scales less than 100 nm) as more effective biomedical materials. His research on nanomedicine has received attention in recent media publications including MSNBC (October 10, 2005), NBC Nightly News (May 14, 2007), PBS DragonFly TV (covered across the US during the winter, 2008), and ABC Nightly News via the Ivanhoe Medical Breakthrough Segment (covered across the US during the winters of 2008 and separate research segments in 2010 and 2011). His work has been on display at the London and Boston Science Museums.
Erica Williams
Spelman College

Erica Lorraine Williams is an Assistant Professor in the Department of Sociology and Anthropology at Spelman College. She earned her Ph.D in Cultural Anthropology from Stanford University in 2010, and her B.A. in Anthropology and Africana Studies from New York University in 2002. Her research explores the cultural and sexual politics of the transnational tourism industry in Salvador, Bahia, Brazil. During the Spring 2012 semester, she was a Mellon/HBCU Fellow at the Franklin Humanities Institute at Duke University. Her forthcoming book, Ambiguous Entanglements: Sex, Race, and Tourism in Salvador, Brazil, won the National Women’s Studies Association/University of Illinois Press First Book Prize. She has also published in Policing Pleasure: Global Reflections on Sex Work and Public Policy (Kelly and Dewey 2011, NYU Press); and the Encyclopedia of Globalization (2012). She is also Co-Director of a five-week summer study abroad program in Salvador, and an occasional feminist blogger for Ms. Magazine.

John Wilson
Dillard University

John E. Wilson is the Director of the Minority Health and Health Disparities Research Center and Professor of Biology at Dillard University. Prior to this appointment, Dr. Wilson served as Dean, Division of the Natural Sciences and Public Health. He also has served as the associate dean in the School of Graduate Studies and Research, associate professor in the Department of Anatomy and Physiology and associate professor in the Department of Foundation Sciences at Meharry Medical College. Dr. Wilson's career interests have focused on academic advisement, career counseling and advancing outreach programs that encourage students of underrepresented minority groups to pursue careers in science. Dr. Wilson research interest focused on the cell biology and parasitology mechanism in molecular interactions of host and parasitic systems. His current research focuses on the assessment of science teaching and learning and health education in community-based participatory research. Dr. Wilson earned a B.S. in Biology from Clark College, a M.S. in Biology from Atlanta University, and a Ph.D. in Cell Biology from Tulane University where he was a recipient of an NIH-Pre-doctoral Fellowship, and completed postdoctoral research training at Stanford University and the Institute for Research on Learning where he was a recipient of a Carnegie Fellowship in Science Education.
The Leadership Alliance Executive Office Staff

Medeva Ghee  
Executive Director

Dr. Medeva Ghee, a graduate of North Carolina State University in 1991 with a bachelor's degree in zoology, earned her M.S. and Ph.D. in microbiology in 1997 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. In 2005, Dr. Ghee worked with the William J. Clinton Foundation as a Laboratory Systems Specialist for the HIV/AIDS Initiative. 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. Dr. Ghee joined the Leadership Alliance as the Assistant Director in 2006 and since July 2008, has been Associate Director of the Leadership Alliance, and manager of the executive office staff. In July 2011, Dr. Ghee was appointed the Executive Director of the Leadership Alliance.

Deborah Collins  
Associate Director

Dr. Deborah Collins received her Ph.D. in educational research and policy analysis from Virginia Tech in 1984. While at Virginia Tech, she was Co-Director of the Vocational Education Evaluation in Virginia program, which later involved her in the development and funding of two national research projects through the National Center for Research in Vocational Education at Berkley/Virginia Tech. As Co-Project Director, her research focused on longitudinal assessment of vocational enrollment patterns on academic program achievement and postsecondary enrollments. At the same time, she co-directed a research project exploring the linkages between educational evaluation and planning in vocational education. Dr. Collins later collaborated with colleagues in the sociology department to create and administer Virginia Tech's Center for Survey Research, through which she worked with researchers and policy analysts across multiple disciplines to pursue and support funded research and regional public policy initiatives. In 1997, she came to Brown University as the Director of Research and Evaluation, leading two cycles of research activities for the Regional Educational Laboratory at Brown University (LAB). During her tenure at The Education Alliance, the Research and Evaluation division annually fielded up to 20 contract and grant initiatives, including multi-year national research awards through NSF, NIH and the U.S. Department of Education.

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 22 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 for disadvantaged children, especially 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  
Executive Assistant/Project Coordinator

Maria DoVale is the Executive Assistant/Project Coordinator for the Leadership Alliance. In this capacity, Ms. DoVale is responsible for providing administrative support for the executive office to ensure the successful implementation of Alliance programs and activities. She is also the ex officio member of the Symposium Planning Committee. 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.
This is a memorable occasion for us! Twenty years ago the Leadership Alliance was established to support research, scholarship and academic excellence among underrepresented minority scholars. Since its inception, the Alliance has sought to inspire and motivate students like you to proactively participate in scholarship that addresses society’s most pressing problems and which enriches our cultural experiences. The impact of these efforts will be featured throughout the 2012 symposium.

This conference will offer research presentations that span a wide variety of academic disciplines and demonstrate the intellectual diversity of our students and their faculty mentors. Throughout the symposium, you will meet academic administrators from Alliance member institutions who have contributed to the skill-building and professional development sessions that have been successful in helping students navigate graduate degree programs. Our signature tiered mentoring structure comes to life during these next few days as Alliance alumni at various stages of their academic pathways have an opportunity to engage you in scholarly and career advancing dialogue and leverage the expertise of a rich network of scholars from like backgrounds. Collectively these efforts have made the founding vision of the Alliance a reality and have contributed to greater diversity in academia.

During this 20th anniversary commemoration, we encourage you to engage in the activities that exemplify this vibrant community. Together, we will honor those persons integral to establishing and sustaining the work of the Alliance, and celebrate this Alliance that empowers us to strategically prepare for the future.

Best wishes for a great conference and celebration!

Greetings and welcome to the 2012 Leadership Alliance National Symposium (LANS)! We are so happy that you could join us as we celebrate our 20th Anniversary and reflect on two decades of supporting research, cultivating scholarship and inspiring academic excellence among some of America’s best, brightest and most diverse scholars.

The LANS Planning Committee has worked diligently over the past year to offer you the most engaging, enriching and empowering Symposium to date. Every session was designed with you in mind and our invited speakers came to deliver a message especially for you. Please take advantage of the formal scheduled events as well as informal opportunities to interact with panelists, faculty, administrators and other guests. It is also very important that you network with each other and take time to share your personal stories and professional aspirations. You may find yourselves training or working together during the next phases of your academic or professional careers, so start building these relationships now.

This Symposium aims to help the Leadership Alliance achieve its mission and realize its vision of developing underrepresented students into outstanding leaders and role models in academia, business and the public sector. We are committed to train, to mentor and to inspire. With 20 years of successful experience to build upon, along with your personal commitment to academic excellence and service, we will continue to affect positive change for many years to come.

Best wishes and make it memorable!
The Leadership Alliance is a multi-institutional academic consortium of leading research and teaching colleges and universities. The mission of the Alliance is to develop underrepresented students into outstanding leaders and role models in academia, business and the public sector.

Member Institutions

Brooklyn College  Princeton University
Brown University  Spelman College
Chaminade University of Honolulu  Stanford University
Clayton University  Tsogolgan College
Columbia University  Tufts University
Cornell University  University of Chicago
Dartmouth College  University of Colorado Boulder
Dillard University  University of Maryland, Baltimore County
Harvard University  University of Miami
Howard University  University of Pennsylvania
Hunter College  University of Puerto Rico
Johns Hopkins University  University of Virginia
Montana State University-Bozeman  Vanderbilt University
Morehouse College  Washington University in St. Louis
Morgan State University  Xavier University of Louisiana
New York University  Yale University

20 Years
Of Supporting Research, Scholarship and Academic Excellence

The Leadership Alliance National Symposium 2012
Program Guide
Hartford Marriott and Convention Center  July 27-29, 2012