25 YEARS
A CELEBRATION OF SUCCESS

LEADERSHIP ALLIANCE NATIONAL SYMPOSIUM
Hartford Marriott & Convention Center | Hartford, Connecticut | July 27–29, 2018
Welcome to the 2018 Leadership Alliance National Symposium!
The theme, 25 Years: A Celebration of Success, calls us to reflect upon and commemorate the 25th anniversary of the Summer Research Early Identification Program (SR-EIP)!

As I think about this milestone, I think of the ongoing relevance of mentorship through critical transitions along the academic pathway. 25 years ago, when the SR-EIP began, I was a predoctoral candidate in the microbiology department at NYU School of Medicine. Just as the SR-EIP would not have been launched without our founders, Vartan Gregorian, Jim Wyche and others, I would not have launched my academic career without a professor who believed in my potential and shared the application to the prestigious Undergraduate Research Program at Cold Spring Harbor. He simply said: You should apply to this. This one pivotal moment illuminated a challenging and enriching academic and professional pathway.

Our founders established the Leadership Alliance SR-EIP in 1993 so that talented students from underrepresented backgrounds would have the opportunity to explore research questions and careers within a supportive environment at the most competitive institutions in the country. For a quarter of a century, faculty and administrators have amplified the voice of that one professor by reaching out and saying to students: You should apply to this. As a result, the program grew dramatically from our first cohort of 92 participants in 1993 to our current cohort of more than 300 students. We are indebted to the longstanding commitment and dedication of our faculty and administrators to the mission of developing underrepresented students into outstanding leaders and role models in all career sectors.

The Leadership Alliance is still relevant because each of you is a testament to our belief that talent resides in individuals from a wide range of backgrounds and that our investments in your development would yield leaders who reflect the dynamism that diversity brings to an inclusive and competitive workforce.

Congratulations to all of the undergraduates at our SR-EIP institutions, graduate students, and Doctoral Scholars. Heartfelt thanks to our faculty mentors and program administrators. This is an opportune moment for us to acknowledge our past and present community of scholars, celebrate our accomplishments, and recommit to fulfilling our promise of leadership.

Have a wonderful conference — Make it memorable!
Dear LANS Attendees,

This is the Silver Anniversary of the Leadership Alliance Summer Research-Early Identification Program (SR-EIP)! We, the members of the Symposium Planning Committee, welcome you to Hartford, CT, and we are thrilled that you have joined us at our annual conference!

In past years, the weekend conference for our undergraduate and graduate students was known as the Leadership Alliance National Symposium (LANS). The Alliance has redefined our scope and vision for this event. Now, LANS is comprised of the Wednesday-Thursday Career Development Workshop for graduate students and post-doctoral scholars, Grant Writing Coaching Groups for faculty members from Thursday to Friday, and the weekend Research Conference where undergraduate scholars share their research with the Alliance community of Doctoral Scholar alumni, graduate students, faculty and administrators. We are very excited about our newly-branded Symposium and the benefits that the participants will receive.

During the LANS Research Conference, there will be a myriad of events especially planned to support and promote the academic, personal and professional development of our emerging scholars and others that focus on supporting our Alliance faculty, staff and administrators. We encourage you to participate fully in the events associated with your conference track and let us know how the events helped you and how we can improve them for future LANS participants.

The conference will feature several outstanding speakers. Our Friday dinner will feature our Doctoral Scholars, SR-EIP alumni who have obtained their PhD or MD-PhD degree and are diversifying the research workforce. They will share stories of their journey from emerging scholars to preeminent scholars. On Saturday, Dr. Yajaira Sierra-Sastre will share her experiences of her time at NASA. The closing session on Sunday will feature Rev. Dr. Nichelle Guidry from Spelman College who will provide words of wisdom to motivate and inspire!

Should you need anything during your time at LANS, please do not hesitate to let us know. We hope that you have a positively productive experience with us, and we hope that this will be an unforgettable experience that allows us to benefit from your knowledge and presence.

Warm regards,

Don C. Brunson, Chair
Symposium Planning Committee
In Memoriam

“Her thoughtfulness and insights paved many a path in the sciences and the academy for the historically underrepresented, for whom she was such a tireless advocate.”

—Leadership Alliance Coordinator

Dr. Valerie P. Wilson served as the Executive Director of the Leadership Alliance from 2003 to 2011. Under her leadership, we celebrated the 1st 100 PhD's in 2008, new programs were launched, and the visibility and prominence of the Alliance was enhanced through numerous national and international conferences and awards, most notably the Presidential Award for Excellence in Science, Mathematics and Engineering Mentoring, presented by President Obama. Because of these efforts, the Alliance is a much stronger entity that will continue to have a prominent place as a national model of excellence. Dr. Wilson has transformed lives and launched countless careers.

“He was a truly caring educator whose passion for his students and their development was unmatched.”

—Leadership Alliance Coordinator

Dr. Roosevelt Ratliff Jr. was the Assistant Vice President of Academic Affairs and Professor of Education in the Division of Academic Affairs at Claflin University. As the Leadership Alliance Institutional Coordinator for Claflin University, Roosevelt served for more than five years on the Executive Committee. In this capacity, he played a central role in developing the strategic plan of the Leadership Alliance, which was ratified in 2010. For many years, he worked in the trenches and had a solid understanding of developing Claflin’s students into leaders and role models. Ratliff was the quintessential advocate for all of his students who applied to the Leadership Alliance and other programs.

“DeVon was a kind person with an infectious smile and personality. He cared about the community and his light brightened the lives of so many.”

—Leadership Alliance Community Member

Dr. DeVon Wade participated in the Summer Research-Early Identification Program at the University of Chicago in 2009. After this experience, he enrolled in the doctoral program in the Sociology Department at Columbia University. His doctoral research focused on understanding inequality along racial and class lines as it pertained to criminality and urban areas. Devon received multiple prestigious awards including the Truman Scholarship, the Ford Foundation Pre-Doctoral Fellowship and the National Science Foundation Fellowship. He will be remembered as a remarkable and promising young scholar. Devon was awarded a posthumous degree by Columbia University.
VANDERBILT UNIVERSITY

Academic Pathways

POSTDOCTORAL FELLOWSHIPS

APPLICATION:
✓ Opens October 1
✓ Closes November 1

Find out more
vu.edu/academicpathways

Preparing recently graduated
doctoral students with diverse
backgrounds and experiences
for competitive academic
careers through:
• Professional and leadership
development training
• Robust mentoring

Fellows receive:
• Competitive stipend
• Generous research
  and travel allowances
• Relocation assistance

VANDERBILT
GRADUATE SCHOOL
Floor Plan Convention Center Ball Room
Symposium At-A-Glance

### Friday

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:00 am – 5:00 pm</td>
<td>Registration</td>
</tr>
<tr>
<td>12:00 pm – 2:00 pm</td>
<td>Networking Lunch</td>
</tr>
<tr>
<td>2:00 pm – 3:00 pm</td>
<td>Break</td>
</tr>
<tr>
<td>7:00 pm – 9:00 pm</td>
<td>Open Plenary — Welcome Dinner</td>
</tr>
</tbody>
</table>

**Undergraduate Sessions**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:00 am – 3:00 pm</td>
<td>PowerPoint Presentation Upload I</td>
</tr>
<tr>
<td>3:00 pm – 5:00 pm</td>
<td>Orientation/What is LANS? — Sessions by Discipline</td>
</tr>
<tr>
<td>5:30 pm – 6:30 pm</td>
<td>Graduate Research Fellowship Programs (GRFP)</td>
</tr>
<tr>
<td></td>
<td>Undergraduate Seniors, First and Second Year Graduate Students in STEM, Social Sciences, Psychology, Physics &amp; Astronomy, Materials Research, Life Sciences, Geosciences</td>
</tr>
<tr>
<td>5:30 pm – 6:30 pm</td>
<td>PowerPoint Presentation Upload II</td>
</tr>
<tr>
<td>9:30 pm – 10:30 pm</td>
<td>PowerPoint Presentation Upload III</td>
</tr>
</tbody>
</table>

**Graduate Sessions**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>4:00 pm – 5:00 pm</td>
<td>Moderator Training</td>
</tr>
<tr>
<td>5:30 pm – 6:30 pm</td>
<td>Graduate Research Fellowship Programs (GRFP)</td>
</tr>
<tr>
<td></td>
<td>Undergraduate Seniors, First and Second Year Graduate Students in STEM, Social Sciences, Psychology, Physics &amp; Astronomy, Materials Research, Life Sciences, Geosciences, Humanities</td>
</tr>
</tbody>
</table>

**Doctoral Scholars**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:30 pm – 4:30 pm</td>
<td>Reunion &amp; Welcome Back</td>
</tr>
<tr>
<td>5:30 pm – 6:30 pm</td>
<td>Leadership Alliance Community Meeting</td>
</tr>
</tbody>
</table>

**Administrators, Coordinators, Faculty & Guests**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>5:30 pm – 6:30 pm</td>
<td>Leadership Alliance Community Meeting</td>
</tr>
</tbody>
</table>

### Saturday

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00 am – 5:00 pm</td>
<td>Registration</td>
</tr>
<tr>
<td>9:00 am – 5:00 pm</td>
<td>Professional Headshots</td>
</tr>
<tr>
<td>9:00 am – 11:00 am</td>
<td>Student Oral Presentations Session I — All Disciplines</td>
</tr>
<tr>
<td>9:15 am – 10:45 am</td>
<td>Student Poster Presentations — All Disciplines</td>
</tr>
<tr>
<td>11:15 am – 12:45 pm</td>
<td>Student Oral Presentations Session II — All Disciplines</td>
</tr>
<tr>
<td>2:45 pm – 4:15 pm</td>
<td>Student Oral Presentations III — All Disciplines</td>
</tr>
<tr>
<td>4:20 pm – 4:40 pm</td>
<td>Break</td>
</tr>
<tr>
<td>4:45 pm – 6:00 pm</td>
<td>Student Oral Presentations Session IV — All Disciplines</td>
</tr>
<tr>
<td>7:00 pm – 9:00 pm</td>
<td>Dinner &amp; Keynote Speaker</td>
</tr>
<tr>
<td>9:30 pm – Midnight</td>
<td>Dance</td>
</tr>
</tbody>
</table>
# Symposium At-A-Glance

## Saturday Continued...

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00 am – 7:30 am</td>
<td>Poster Setup</td>
</tr>
<tr>
<td>7:30 am – 9:00 am</td>
<td>Post-Baccalaureate Opportunities (PREP &amp; Gap Year Scholar Program)</td>
</tr>
<tr>
<td></td>
<td><em>Applied &amp; Basic BioSciences, Engineering, Physical Sciences &amp; MD-PhD</em></td>
</tr>
<tr>
<td>7:30 am – 9:00 am</td>
<td>The Art of the Statement of Purpose</td>
</tr>
<tr>
<td></td>
<td><em>Humanities &amp; Social Sciences</em></td>
</tr>
<tr>
<td>1:00 pm – 2:30 pm</td>
<td>Graduate School, I Wish I Knew...</td>
</tr>
<tr>
<td></td>
<td><em>Applied &amp; Basic BioSciences, Engineering, Physical Sciences &amp; MD-PhD</em></td>
</tr>
<tr>
<td>1:00 pm – 2:30 pm</td>
<td>My Life as a Humanist</td>
</tr>
<tr>
<td></td>
<td><em>Humanities &amp; Social Sciences</em></td>
</tr>
<tr>
<td>5:40 pm</td>
<td>Group Photo — ONLY FYRE Students</td>
</tr>
<tr>
<td>6:15 pm</td>
<td>Group Photo — ONLY LAMI Students</td>
</tr>
</tbody>
</table>

## Graduate Sessions

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30 am – 9:00 am</td>
<td>Cointcert, The Soundtrack to Financial Freedom</td>
</tr>
<tr>
<td>1:00 pm – 2:30 pm</td>
<td>Post-Doc Opportunities</td>
</tr>
</tbody>
</table>

## Doctoral Scholars

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30 am – 9:00 am</td>
<td>Cointcert, The Soundtrack to Financial Freedom</td>
</tr>
<tr>
<td>7:30 am – 9:00 am</td>
<td>Fair Play Part I</td>
</tr>
<tr>
<td>1:00 pm – 2:30 pm</td>
<td>Fair Play Part II</td>
</tr>
<tr>
<td>1:00 pm – 2:30 pm</td>
<td>Post-Doc Opportunities</td>
</tr>
</tbody>
</table>

## Administrators, Coordinators, Faculty & Guests

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30 am – 9:00 am</td>
<td>Fair Play Part I</td>
</tr>
<tr>
<td>1:00 pm – 2:30 pm</td>
<td>Fair Play Part II</td>
</tr>
<tr>
<td>6:00 pm</td>
<td>Group Photo — Leadership Alliance Coordinators</td>
</tr>
</tbody>
</table>

## Sunday

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30 am – 10:00 am</td>
<td>Recruiting Fair Set-Up</td>
</tr>
<tr>
<td>10:00 am – 11:00 am</td>
<td>Closing Plenary &amp; Keynote</td>
</tr>
<tr>
<td>11:00 am – 1:00 pm</td>
<td>Recruiting Fairs</td>
</tr>
<tr>
<td>1:00 pm – 2:00 pm</td>
<td>Lunch to Go — Pick Up at Marriott</td>
</tr>
</tbody>
</table>

## Undergraduate Sessions

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30 am – 9:30 am</td>
<td>The Graduate School Application — Sessions by Discipline</td>
</tr>
</tbody>
</table>

## Graduate Sessions

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30 am – 9:30 am</td>
<td>Leadership Alliance Alumni Association Meeting</td>
</tr>
</tbody>
</table>

## Doctoral Scholars

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30 am – 9:30 am</td>
<td>Leadership Alliance Alumni Association Meeting</td>
</tr>
</tbody>
</table>

## Administrators, Coordinators, Faculty & Guests

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30 am – 9:30 am</td>
<td>Leadership Alliance Alumni Association Meeting</td>
</tr>
</tbody>
</table>
Friday, July 27

11:00 am – 5:00 pm
Conference Registration ................................................................. Esplanade

11:00 am – 3:00 pm
Power Point Upload Session I ....................................................... Ballroom Pre-Function

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

Break > 2:00 pm – 3:00 pm

3:00 pm – 5:00 pm | Undergraduates by Discipline
Orientation [What is LANS?] / Funding / Networking Sessions by Discipline

Applied & Basic Biosciences ......................................................... Meeting Room 24–26
Moderators: Eric Buckles, Program Coordinator and Associate Professor of Biology School of Science, Technology, Engineering and Mathematics (STEM); Sheila Thomas, Assistant Professor of Medicine, Assistant Dean of Diversity and Minority Affairs for GSAS and DMS, Harvard University

Funding Your Education Panel:
Leah Gibbons, Coordinator, Student Programs, American Society for Microbiology
Joel Oppenheim, Research Professor, Department of Microbiology, Professor Emeritus of Microbiology, Department of Microbiology, New York University

Humanities & Social Sciences ....................................................... Meeting Room 21–22
Moderators: Keisha John, Director of Diversity Programs, Office of Graduate and Postdoctoral Affairs, University of Virginia; Natalie Stroback, Director of Undergraduate Research, Krieger School of Arts and Sciences, Johns Hopkins University

Funding Your Education Panel:
Leislie Godo-Solo, Associate Director, Institute for Recruitment of Teachers
Christine O’Brien, Ford Fellowship, The National Academy of Sciences, Engineering, and Medicine
Natalie Stroback, Director of Undergraduate Research, Krieger School of Arts & Sciences, Johns Hopkins University

Engineering and Physical Sciences ................................................. Meeting Room 23
Moderators: Don Brunson, Assistant Dean, Graduate School and Director, Enhancing Diversity in Graduate Education Program, Vanderbilt University; Ja’Wanda Grant, Special Assistant to the Provost for Scholar Development and Institutional Alliances, Academic Affairs, Xavier University in Louisiana

Funding Your Education Panel:
Denise Ellis, Program Manager, Alfred P. Sloan Foundation Minority Graduate Scholarship Programs
Sara Xayarath Hernandez, Graduate School Associate Dean for Inclusion & Student Engagement University Diversity Officer, Cornell University
3:30 pm – 4:30 pm
Doctoral Scholars Reunion/Welcome Back ............................................................... Meeting Room 13

4:00 pm – 5:00 pm
Moderators Training ................................................................................................. Meeting Room 27
Moderator: D’Ondre Swails, Graduate Student Africana Studies, Brown University

5:30 pm – 6:30 pm
Graduate Research Fellowship Programs (GRFP) ................................................. Meeting Room 24-26
Moderator: David Stout, Assistant Professor, Department of Mechanical & Aerospace Engineering, California State University, Long Beach
(This session is for Undergraduate Seniors, First and Second Year Graduate Students in STEM, Social Sciences, Psychology, Physics & Astronomy, Materials Research, Life Sciences, Geosciences)

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

5:30 pm – 6:30 pm
Power Point Upload Session II ................................................................................ Ballroom Pre-Function

Dinner > Doors open at 6:30 pm

7:00 pm – 9:00 pm
Welcome Dinner — Open Plenary ........................................................................... Ballroom B
Moderator: Medeva Ghee, Executive Director, The Leadership Alliance, Assistant Professor of the Practice of Behavioral and Social Sciences, Brown University

Speakers:
Amalia Figueroa, Sales Manager, Biocytogen
Jade Carter Gibbons, Forensic Scientist, Ventura County Sheriff’s Office Forensic Services Bureau
Malo Hutson, Associate Professor in Urban Planning, Founder & Director of the Urban Community & Health Equity Lab, Columbia University
Chelsea Pinnix, Assistant Professor, Department of Radiation Oncology, Division of Radiation Oncology, The University of Texas MD Anderson Cancer Center, Houston, TX
Edgardo Sanabria-Valentin, Associate Director of the Program for Research Initiatives in Science & Math, John Jay College (CUNY)

Following Dinner
Reception (Sponsored by Biocytogen) ................................................................. City Side Lounge
Administrators, Coordinators, Doctoral Scholars, Faculty, Graduate Students, and Guests

9:30 pm – 10:30 pm
Power Point Upload Session III ............................................................................. Ballroom Pre-Function
Saturday, July 28

7:00 am - 7:30 am
Posters Setup ........................................................................................................................................ Ballroom C

7:30 am – 9:00 am
Breakfast

Applied & Basic Biosciences, Engineering, Physical Sciences, & MD-PhD (Undergraduates)
Post-Baccalaureate Opportunities (PREP & Gap Year Scholar Program) ................................................ Ballroom B
Moderator: Arnaldo Diaz, Assistant Dean for Research Training Programs, University of Pennsylvania
Speakers:
Raquel Castellanos, Assistant Director, Office of Research and Diversity, University of Pennsylvania
Mareshia Donald, Scientific Programs Manager and Diversity & Inclusion Partner, Novartis Institutes for BioMedical Research

Humanities & Social Sciences (Undergraduates)
The Art of the Statement of Purpose ........................................................................................................ Ballroom A
William Wittels, Manager of Undergraduate & Graduate Programs
Stephanie Parsons, Assistant Director of Diversity and Minority Affairs, Harvard University The Graduate School of Arts & Sciences
Asabe Poloma, Assistant Dean for International Students & Associate Director of the Mellon Mays Undergraduate Fellows Program
Natalie Strobach, Director of Undergraduate Research, Krieger School of Arts & Sciences, Johns Hopkins University

Graduate Students & Doctoral Scholars Breakfast
*new* Coinsert, The Soundtrack to Financial Freedom ........................................................................ Marriott A&B
Antionette Mutcherson, Director, Coinsetters
Makisha Cameron, Director, Coinsetters

Administrators, Coordinators, Doctoral Scholars, Faculty, and Guests
Fair Play Part I ........................................................................................................................................ Marriott C
Moderator: Fair Play, Wisconsin Center for Education Research

9:00 am – 5:00 pm
Professional Headshots .................................................................................................................... Ballroom Pre-Function

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

9:00 am – 11:00 am
Student Oral Presentations Session I
Applied & Basic Biosciences ........................................................................................................ Meeting Rooms 11–12
Humanities & Social Sciences ........................................................................................................ Meeting Rooms 13, 23, 26, 27
Engineering & Physical Sciences ..................................................................................................... Meeting Room 13
9:15 am – 10:45 am
Student Poster Presentations ........................................................................................................... Ballroom C

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

Applied & Basic Biosciences ........................................................................................................... Meeting Rooms 11–17
Engineering & Physical Sciences ....................................................................................................... Meeting Rooms 21–23
Humanities & Social Sciences ........................................................................................................... Meeting Rooms 24–27

Lunch > Served 1:00 pm

Concurrent Sessions for Undergraduates Conducted from 1:30 pm – 2:30 pm

Undergraduates in Applied & Basic Biosciences, MD-PhD, Engineering & Physical Sciences
Grad School, I Wish I Knew ................................................................................................................ Ballroom B
Speakers:
Daniel Cabrera, 6th Year MD-PhD, Weill Cornell Medicine
Robert Gutierrez, 2nd Year Bioengineering, Brown University
Jean Rivera, 2nd Year Neuroscience, Weill Cornell Graduate School of Medical Sciences
Asais Camila Uzcategui, 3rd Year Materials Science and Engineering, University of Colorado Boulder

Undergraduates in Humanities & Social Science
My Life as a Humanist ...................................................................................................................... Ballroom A
Moderator: Olivia Mansion, Manager of Operations, Entrepreneurship Center, The University of Tampa
Speaker: Marisa Galvez, Associate Professor of French and, by courtesy, of German Studies, Chair of Undergraduate Studies, French, Stanford University

Graduate Students & Doctoral Scholars
*new* Post Doc Opportunities ........................................................................................................ Marriott A&B
Moderator: Brittany Allison, SyNERGI Postdoctoral Fellow
Panelists:
Teresa Ramirez, Program Manager, Federation of American Societies for Experimental Biology
Kathryn Haklin, Postdoctoral Fellow, Johns Hopkins University;
Tracy Costello, Chair, Board of Directors, National Postdoctoral Association
Lyndon Mitnaul, Director, R&D Planning, Strategy and Operations, Regeneron Pharmaceuticals, Inc.

Administrators, Coordinators, Doctoral Scholars, Faculty, and Guests
Fair Play Part II ................................................................................................................................. Marriott C
Moderator: Fair Play, Wisconsin Center for Education Research

2:45 pm – 4:15 pm
Student Oral Presentations Session III

Applied & Basic Biosciences ........................................................................................................... Meeting Rooms 11–17
Engineering & Physical Sciences ....................................................................................................... Meeting Rooms 21–23
Humanities & Social Sciences ........................................................................................................... Meeting Rooms 24–27
**AGENDA**

**Break > 4:20 pm - 4:40 pm**

4:45 pm – 6:00 pm  
**Student Oral Presentations Session IV**

Applied & Basic Biosciences  Meeting Rooms 11–17
Engineering & Physical Sciences  Meeting Rooms 21–23
Humanities & Social Sciences  Meeting Rooms 24–27

**Leadership Alliance Photos for the Following Groups ONLY:**  
CTCC Carpeted Stairs on Exhibitor Level

FYRE Students  5:40 pm
L.A. Coordinators  6:00 pm
LAMI Students  6:15 pm

**Dinner > Doors open at 6:30 pm**

7:00 pm – 9:00 pm  
**Dinner, Keynote Speaker**  
**Ballroom B**

Moderators: Medeva Ghee, Executive Director, The Leadership Alliance, Assistant Professor of the Practice of Behavioral and Social Sciences, Brown University  
Arnaldo Diaz, Assistant Dean for Research Training Programs, University of Pennsylvania  
Keynote Speaker: Dr. Yajaira Sierra-Sastre, Co-Founder and CEO, Science in Space

9:30 pm – Midnight  
**Dance**  
**Ballroom A**

**Sunday, July 29**

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

**Breakfast Sessions > 8:30 am – 9:30 am**

Undergraduate Breakfast and Panels: The Graduate School Application  
**Ballroom B**

Speakers:  
Arnaldo Diaz, Assistant Dean for Research Training Programs, University of Pennsylvania  
Sheila Thomas, Assistant Professor of Medicine, Assistant Dean of Diversity and Minority Affairs for GSAS and DMS, Harvard University  
Marcus Lambert, Director of Diversity and Student Services, Graduate School of Medical Sciences, Weill Cornell Graduate School of Medical Sciences
MD-PhD .................................................................................................................. Meeting Room 21–22

Speakers:
Brian Sullivan, Executive Director of the Medical Scientist Training Program, Washington University in St. Louis
Fred Gorelick, Henry J. and Joan W. Binder Professor of Medicine (Digestive Diseases) and of Cell Biology; Deputy Director, Yale M.D., Ph.D. Program
Naoko Tanese, Associate Dean for Biomedical Sciences, Director, Sackler Institute of Graduate Biomedical Sciences, Professor, Department of Microbiology, New York University
Megan Williams, Assistant Director for Recruitment & Admissions, Medical Scientist Training Program, Vanderbilt University

Humanities & Social Sciences ......................................................................................... Meeting Room 25–26

Speakers:
Natalie Strobach, Director of Undergraduate Research, Krieger School of Arts and Sciences, Johns Hopkins University
Pat Rea, Associate Director at University of Pennsylvania, Graduate Division SAS, University of Pennsylvania
Joseph Brown, Graduate Diversity Recruitment Officer Stanford University

Engineering and Physical Sciences .............................................................................. Meeting Room 24

Speakers:
Don C. Brunson, Assistant Dean, Graduate School and Director, Enhancing Diversity in Graduate Education Program, Vanderbilt University
Michelle Nearon, Associate Dean for Graduate Student Development and Diversity, Yale University

8:30 am – 9:30 am
Leadership Alliance Alumni Association Meeting .......................................................... Meeting Room 11

10:00 am – 11:00 am
Closing Plenary ............................................................................................................. Ballroom B

Moderators: Medeva Ghee, Executive Director, The Leadership Alliance, Assistant Professor of the Practice of Behavioral and Social Sciences, Brown University
Cynthia Neal Spence, Social Justice Fellows Program Director, UNCF/Mellon Programs Director and Associate Professor, Spelman College

Keynote Speaker: Rev. Dr. Neichelle Guidry, Dean of Sisters Chapel, Spelman College

11:00 am – 1:00 pm
Recruiting Fair ............................................................................................................. Ballroom C

11:00 am – 12:00 pm
Closed IPERT Committee Meeting ............................................................................. Meeting Room 26

1:00 pm – 2:00 pm
Lunch Pick-Up ............................................................................................................ Marriott Hotel 2nd Floor
KEYNOTE SPEAKERS

SATURDAY: Dr. Yajaira Sierra-Sastre

SUNDAY: Rev. Dr. Neichelle R. Guidry

**DR. YAJAIRA SIERRA-SASTRE** is a materials scientist and educator with ten years of research experience in academic, federal, and private institutions. Yajaira received her BS degree in chemistry and teacher’s certification from the University of Puerto Rico-Mayaguez. After college, she returned to her hometown Arroyo and taught chemistry at her former high school. At the end of the academic year, Yajaira was awarded a summer research fellowship for teachers at Stanford University. There she discovered her passion for nanotechnology and returned home to work at the NASA Research Center for Advanced Nanoscale Materials at the University of Puerto Rico-Río Piedras, where she investigated materials for space applications. After gaining valuable research experience, Yajaira decided to pursue graduate studies at Cornell University and obtained a Ph.D. in nanomaterials chemistry in 2009. As part of her doctoral thesis, Dr. Sierra-Sastre worked as a researcher at Los Alamos National Laboratory. Upon graduation, she joined a nanotechnology start-up company where she developed coating processes for multinational clients in the military, environment, medical diagnostics, and textile sectors.

Yajaira is currently dedicated to developing her own social enterprise, which focuses on providing mentoring and professional development opportunities to students from socially disadvantaged communities in Puerto Rico. She also collaborates on a variety of projects with the National Nanotechnology Infrastructure Network and the Cornell Nanoscale Facility, including the smallest national anthem ever written ‘La Borinqueña más pequeña.’ Her work in nanotechnology, educational outreach, and her aspirations to become the first Puerto Rican female astronaut have been recently featured in televised, radio, and news media. Her interests also include suborbital materials research, nanomaterials for the energy sector and technology commercialization in Latin America and Puerto Rico. In her spare time, Yajaira enjoys Latin dance, theatre, outdoor activities, and international cuisine.

**REV. DR. NEICHELLE R. GUIDRY** is a spiritual daughter of New Creation Christian Fellowship of San Antonio, Texas, where the Bishop David Michael Copeland and the Rev. Dr. Claudette Anderson Copeland are her pastors and where she was ordained to ministry in 2010. She is a graduate of Clark Atlanta University (2007, BA, Lambda Pi Eta) and Yale Divinity School (2010, M.Div.), where she was the 2010 recipient of the Walcott Prize for Clear and Effective Public and Pulpit Speaking. She is also a graduate of Garrett-Evangelical Theological Seminary (2017), where she completed her Doctor of Philosophy in the area of Liturgical Studies with a concentration in Homiletics. Her dissertation is entitled, “Towards a Womanist Homiletical Theology for Subverting Rape Culture.” She currently serves as the Dean of the Chapel and the Director of the WISDOM Center at Spelman College in Atlanta, Georgia. She is the creator of shepreaches, a virtual community and professional development organization that aspires to uplift African-American millennial women in ministry through theological reflection, fellowship, and liturgical curation. For six years, she served as the Associate Pastor to Young Adults and the Liaison to Worship and Arts Ministries in the Office of the Senior Pastor at Trinity United Church of Christ on the South side of Chicago, where the Rev. Dr. Otis Moss, III is the Senior Pastor. She served as the 2016 Preacher/Pastor-In-Residence at the Black Theology and Leadership Institute at Princeton Theological Seminary. She was listed as one of “12 New Faces of Black Leadership” in TIME Magazine (January 2015). She was recognized for “quickly becoming one of her generation’s most powerful female faith leaders” on Ebony Magazine’s 2015 Power 100 list (December 2015), and one of “Ten Women of Faith Leading the Charge Ahead” by Sojourners (March 2017). Additionally, Rev. Dr. Neichelle and the work of shepreaches were featured in the New York Times (April 3, 2015). She is a contributor to What Would Jesus Ask?: Christian Leaders Reflect on His Questions of Faith (Time Books, 2015), and the author of Curating a World: Sermonic Words from a Young Woman Who Preaches (self-published, June 2016). She is a proud member of Delta Sigma Theta Sorority, Incorporated.
Abalo-Toga, Mariam .......................... 4:45 PM, CC-21
Using machine learning to aid in the classification of galaxy morphology
  Research Mentor: Meg Urry
  Research Institution: Yale University
  Home Institution: University of Maryland, Baltimore County
  Co-Authors: Meg Urry, Yale University
  PS

Abbas, Leena ........................................ 3:30 PM, CC-17
The Evaluation of Smoke-Free Housing Policy - Field Data Collection Methods and Baseline Results of Cigarette Butt Quantification
  Research Mentor: Lorna Thorpe
  Research Institution: New York University
  Home Institution: Wayne State University
  Co-Authors: Lorna Thorpe, New York University
  AB

Acevedo, Sergio .............................. 5:00 PM, CC-16
Structure of G-protein Heterotrimer-Class C GPCR Complexes: Mutagenesis and Implementation of Dominant Negative Ga Subunits
  Research Mentor: Qing Fan
  Research Institution: Columbia University
  Home Institution: UPR-Aguadilla
  Co-Authors: Aure Frangaj and Qing Fan, Columbia University
  BB

Adelgren, Paul ............................... 4:45 PM, CC-23
Imaging Magnetic Domains and Skyrmions with MOKE Microscopy
  Research Mentor: Margaret Murnane
  Research Institution: University of Colorado Boulder
  Home Institution: Fort Lewis College
  Co-Authors: Margaret Murnane, University of Colorado Boulder
  PS

Agarwal, Astha .............................. 9:00 AM, CC-23
Exploring the Relationships Between Parent-Child Interactions, Teacher-Student Interactions, and Executive Functioning
  Research Mentor: Khara Turnbull
  Research Institution: University of Virginia
  Home Institution: McGill University
  Co-Authors: Khara Turnbull, Aliza Husain and Kathryn Smith, University of Virginia
  PS

Alexander, Ezra .............................. 5:00 PM, CC-23
LiCH: An Ab Initio Investigation
  Research Mentor: David Mazziotti
  Research Institution: University of Chicago
  Home Institution: Amherst College
  Co-Authors: David Mazziotti, University of Chicago
  PS
Alvarez, Emmanuel .......................... 4:45 PM, CC-13
Oxycodone exposure during gestation and early postnatal development in rat pups and its influence on ultrasonic vocalizations in a maternal separation paradigm
   Research Mentor: Amelia Eisch
   Research Institution: University of Pennsylvania
   Home Institution: Rowan University
   Co-Authors: Giulia Zanni and Amelia J. Eisch, University of Pennsylvania
BB

Alvarez, Guillermo .......................... 11:15 AM, CC-21
Insights into the Water Content of the Lunar Mantle from Pyroclastic Deposits
   Research Mentor: Christian Huber
   Research Institution: Brown University
   Home Institution: UMass Lowell
   Co-Authors: Christian Huber and Ralph E. Milliken, Brown University
ES

Amador Martínez, Karimar ................. 9:30 AM, CC-12
The Role of Hedgehog Signaling on T Regulatory Cell Function in the CNS
   Research Mentor: Jorge Alvarez
   Research Institution: University of Pennsylvania
   Home Institution: UPR-Mayaguez
   Co-Authors: Jorge Alvarez and Trini Ochoa, University of Pennsylvania
AB

Aponte, Natalia ............................. 9:00 AM, CC-11
What are the kinetics for the return of Xist RNA to the inactive X (Xi) during T cell activation?
   Research Mentor: Montserrat Anguera
   Research Institution: University of Pennsylvania
   Home Institution: UPR-Rio Piedras
   Co-Authors: Montserrat C. Anguera, University of Pennsylvania
BB

Arboniés, Valeria .......................... 10:30 AM, CC-23
Counter Publishing Practices: How Independent Publishers in Puerto Rico and Mexico Reshape the Latin American City
   Research Mentor: Arlene Davila
   Research Institution: New York University
   Home Institution: UPR-Rio Piedras
   Co-Authors: Arlene Davila, New York University
HU

Archuleta, Chloe ........................... 2:45 PM, CC-13
Factor VIII mutants for hemophilia A inhibitor studies
   Research Mentor: Rodney Camire
   Research Institution: University of Pennsylvania
   Home Institution: Colorado School of Mines
   Co-Authors: Rodney Camire and Benjamin Samelson-Jones, University of Pennsylvania
AB

Arizaga, Fidel .............................. 9:00 AM, CC-13
Identifying Stages of Cell Division Through a Convolutional Neural Network
   Research Mentor: Meredith Betterton
   Research Institution: University of Colorado Boulder
   Home Institution: UC Santa Cruz
   Co-Authors: Saad Ansari, Dante Begay, Michael Nothem and Meredith Betterton, University of Colorado Boulder
PS

Arrington, Myles ........................... 12:15 PM, CC-26
The Development and Utilization of Spatial Skills in Children and College Students
   Research Mentor: Jamie Jirout
   Research Institution: University of Virginia
   Home Institution: University of Maryland, College Park
   Co-Authors: Jamie Jirout and Sierra Eisen, University of Virginia
SS

Asfaw, Zerubabbel ......................... 3:00 PM, CC-13
The common variant of HNF1A gene, I27L, alters clinical features of patients with HNF1A- MODY
   Research Mentor: Louis Philipson
   Research Institution: University of Chicago
   Home Institution: Franklin and Marshall College
   Co-Authors: Louis Philipson and Lisa Letourneau, University of Chicago
AB

Astorino, Morgan ......................... 5:00 PM, CC-24
How do changes in zoning influence the location of green spaces?
   Research Mentor: Scott Frickel
   Research Institution: Brown University
   Home Institution: Rutgers University
   Co-Authors: Thomas Marlow and Scott Frickel, Brown University
SS

Azziz, Annabel ............................. 4:45 PM, CC-15
Maintenance of Imprinting at the Dlk1-Dio3 Locus in Induced Pluripotent Stem Cells
   Research Mentor: Efthychia Apostolou
   Research Institution: Weill Cornell Graduate School
   Home Institution: Fordham University
   Co-Authors: Boaz Aronson, Laurianne Scourzic and Efthychia Apostolou, Weill Cornell Graduate School
BB

Báez-Caraballo, Francelis ............... 10:45 AM, CC-23
   Research Mentor: Terry-ann Craigie
   Research Institution: Brown University
   Home Institution: UPR-Mayaguez
   Co-Authors: Terry-Ann Craigie, Brown University
SS
Barclay, Kara .................................................... 3:00 PM, CC-12
Protein Methylation in Estrogen Receptor Alpha Signaling
Research Mentor: Ryan Blawski
Research Institution: Weill Cornell Medical College
Home Institution: Amherst College
Co-Authors: Ryan Blawski, Weill Cornell Graduate School
BB

Barraza, Isabel ................................................. 2:45 PM, CC-23
Electrochemical activation of small molecules of energy and environmental impact
Research Mentor: Thomas Jaramillo
Research Institution: University of Texas at El Paso
Co-Authors: Joel Sanchez and Thomas Jaramillo, Stanford University
EN

Barrera, Maribel ............................................. 11:15 AM, CC-14
Quantification and examination of “offset” patterns in heat maps used for analysis of transcription factor activity
Research Mentor: Robin Dowell
Research Institution: University of Colorado Boulder
Home Institution: University of North Texas
Co-Authors: Robin Dowell, University of Colorado Boulder
BB

Barrientos, Eric ............................................. 11:15 AM, CC-15
Roles for Novel PIM1 Substrates in Prostate Cancer
Research Mentor: Michael Garabedian
Research Institution: New York University
Home Institution: Arizona State University
Co-Authors: Sophie Ruff, Susan K. Logan and Michael J. Garabedian, New York University
BB

Beasley, Tykira ............................................. 9:00 AM, CC-26
The Drunken Jaguar of Courage: An Iconographic Study of an Ancient Maya Drinking Vessel
Research Mentor: Adriana Greci Green
Research Institution: University of Colorado Boulder
Home Institution: Elizabeth City State University
Co-Authors: Adriana Greci Green, University of Virginia
SS

Bechtel, John .............................................. 9:15 AM, CC-11
Sterility as a Modulator of Healthspan and Age Related Pathologies in Caenorhabditis elegans.
Research Mentor: Sylvia Lee
Research Institution: Cornell University
Home Institution: Wisconsin Lutheran College
Co-Authors: Siu Sylvia Lee and Amareesh Chaturbedi, Cornell University
BB

Bennett, Grant ............................................. 12:00 PM, CC-24
Black Engineering and Computing Leadership in Higher Education
Research Mentor: Ebony McGee
Research Institution: Vanderbilt University
Home Institution: Morehouse College
Co-Authors: Ebony O. McGee, Devin T. White and Monica L. Ridgeway, Vanderbilt University
SS

Berglund, Alysia ............................................. 12:30 PM, CC-27
Age Differences in Implicit and Explicit Attitudes Toward Mental Health Treatment
Research Mentor: Bethany Teachman
Research Institution: University of Virginia
Home Institution: University of Hawaii Manoa
Co-Authors: Alexandra J. Werntz and Bethany A. Teachman, University of Virginia
SS

Berryman, Glenesha .................................... 5:45 PM, CC-27
Do You Hear Me, Do You Feel Me? We Gon’ Be Alright: Black Cultural Production in the Trump Era
Research Mentor: Obery Hendricks
Research Institution: Columbia University
Home Institution: East Carolina University
Co-Authors: Obery Hendricks and Farah Jasmine Griffin, Columbia University
HU

Bordes, Taylor ............................................ 3:15 PM, CC-14
Investigation of HIV-1 Nucleocapsid Binding to Viral RNA
Research Mentor: Micheal Summers
Research Institution: University of Maryland, Baltimore County
Home Institution: Spelman College
Co-Authors: Canessa Swanson, Micheal Summers, Darin Gilchrist, Britany Lafaver and Noel Getachew, University of Maryland, Baltimore County
AB

Bostick, Maya ............................................. 10:00 AM, CC-13
Research Mentor: Stephanie Creary
Research Institution: University of Pennsylvania
Home Institution: Spelman College
Co-Authors: Stephanie J. Creary, Brianna Barker Caza, LTC Hise O. Gibson, Laura Morgan Roberts and Arran Caza, University of Pennsylvania
SS

Boza, Juan ................................................ 5:00 PM, CC-21
Construction of a Hybrid Fourier Ptychography Microscope Incorporating LEDs and X-rays
Research Mentor: Peter Johnsen
Research Institution: University of Colorado Boulder
Home Institution: Florida International University
Co-Authors: Margaret Murnane, University of Colorado Boulder
PS
Bracero, Sabrina ............................................ 4:00 PM, CC-16
Sphingosine 1-Phosphate and Inflammation
Research Mentor: Susan Schwab
Research Institution: New York University
Home Institution: College of William & Mary
Co-Authors: Susan Schwab and Audrey Baeyens, New York University
BB

Brandon, Amyre ........................................ 5:15 PM, CC-27
Ethel Robinsons’ Divine Nine Sorority Influence
Research Mentor: Jennifer Betts
Research Institution: Brown University
Home Institution: Xavier University of Louisiana
Co-Authors: Jennifer Betts, Brown University
HU

Bugay, John Paul ........................................ 5:00 PM, CC-15
Developing a Degron System to Conditionally Deplete
Transcription Factors in Pluripotent Cells
Research Mentor: Matthias Stadfeld
Research Institution: New York University
Home Institution: San Francisco State University
Co-Authors: Matthias Stadfeld and Ly-Sha Ee, New York University
BB

Burnette, Timothy ...................................... 3:00 PM, CC-23
Measuring the Effects of Drought in Plant Communities:
Developing Functional Traits and Measuring Trait Variability
in Xeric Tallgrass Prairie.
Research Mentor: Katharine Suding
Research Institution: University of Colorado Boulder
Home Institution: Grinnell College
Co-Authors: Julie Larson, Isabel Schroeter and Katharine Suding, University of Colorado Boulder
SS

Butts, Thalia .............................................. 4:00 PM, CC-27
Do It for the Culture: Limitations of the HBCU Experience in “The Quad”
Research Mentor: Natalie Strobach
Research Institution: Johns Hopkins University
Home Institution: Claffin University
Co-Authors: Natalie Strobach, Johns Hopkins University
HU

Buxenstein, Caroline .................................. 5:00 PM, CC-26
Bodies Behind the Lines: A Look at Quarantine in Albert Camus’ The Plague
Research Mentor: Natalie Strobach
Research Institution: Johns Hopkins University
Home Institution: Community College of Baltimore County
Co-Authors: Natalie Strobach, Johns Hopkins University
HU

Calcano, Gabriela ....................................... 5:00 PM, CC-13
Oxycodone with or without conditioned place preference alters hippocampal mossy fiber leu-enkephalin levels in a sex-dependent manner.
Research Mentor: Batsheva Reich
Research Institution: Weill Cornell Graduate School
Home Institution: Brandeis University
Co-Authors: Batsheva Reich and Teresa Milner, Weill Cornell Medical College
BB

Candelaria Jimenez, Astrid ............................. 12:00 PM, CC-14
Characterization of anti-Cav nanobodies using dimerization-dependent fluorescent proteins
Research Mentor: Henry Colecraft
Research Institution: Columbia University
Home Institution: UPR-Rio Piedras
Co-Authors: Travis Morgenstern and Henry Colecraft, Columbia University
BB

Canelo, Ricardo ........................................... 9:15 AM, CC-23
How School Racial Demographics And Perceived Fit Seem To Affect Beginning Teacher Self-Efficacy
Research Mentor: Peter Youngs
Research Institution: University of Virginia
Home Institution: New York University
Co-Authors: Peter Youngs, University of Virginia
SS

Cannata, Angela ........................................ 3:15 PM, CC-12
Zinc Dynamics in Kinase Cell Signaling
Research Mentor: Amy Palmer
Research Institution: University of Colorado Boulder
Home Institution: CSU Northridge
Co-Authors: Kelsie J. Anson and Amy Palmer, University of Colorado Boulder
HU

Cannon, Alysa ......................................... 10:30 AM, CC-27
Pupillary Synchronization as a Predictor of Music Popularity
Research Mentor: Feng Sheng
Research Institution: University of Pennsylvania
Home Institution: Temple University
Co-Authors: Feng Sheng and Michael Platt, University of Pennsylvania
SS

Carr, Katherine-Ann ................................. 5:45 PM, CC-21
Research Mentor: Meg Urry
Research Institution: Yale University
Home Institution: University of Maryland, Baltimore County
Co-Authors: Meg Urry and Aritra Ghosh, Yale University
PS
Carrera, Maria ............................................. 11:30 AM, CC-15
Defining the role of LSD1 in epithelial homeostasis and carcinogenesis
Research Mentor: Brian Capell
Research Institution: University of Pennsylvania
Home Institution: UPR-Mayaguez
Co-Authors: Brian Capell, Amy Anderson and Shaun Egolf, University of Pennsylvania
BB

Carter, Davell ............................................. 12:30 PM, CC-15
Determining the Effect of a SOS Mimetic Peptide that Selectively Targets KRAS G12C Mutated Cancers
Research Mentor: Dafna Bar-Sagi
Research Institution: New York University
Home Institution: Jackson State University
Co-Authors: Daniel Yoo, Andrew Hauser, Dafna Bar-Sagi and Paramjit Arora, New York University
AB

Ceballos, Victor ........................................... 11:45 AM, CC-17
Understanding The Effects of Adipocyte ODC1 on Obesity-Driven Breast Cancer
Research Mentor: Paul Cohen
Research Institution: Weill Cornell Medical College
Home Institution: Franklin and Marshall College
Co-Authors: Paul Cohen and Olivia Maguire, Weill Cornell Medical College
AB

Chapekis, Athena ........................................... 10:45 AM, CC-26
Trends in Absolute Mobility and Loss
Research Mentor: David Grusky
Research Institution: Stanford University
Home Institution: Miami University
Co-Authors: David Grusky and Maximilian Hell, Stanford University
SS

Chau, Isabelle ............................................. 5:30 PM, CC-13
Mapping the Cell Types and Brain Regions Affected by Early Amyloid-Beta Pathology in a Transgenic Mouse Model
Research Mentor: Makoto Ishii
Research Institution: Weill Cornell Medical College
Home Institution: Stanford University
Co-Authors: Makoto Ishii, Weill Cornell Medical College
AB

Cheji, Hind .................................................. 3:00 PM, CC-26
Emboldened Heart: A Reading of Love as Conversion in Yazid Ibn Muaawiya' Arabic Poem "Araka Toroban".
Research Mentor: Natalie Strobach
Research Institution: Johns Hopkins University
Home Institution: Community College of Baltimore County
Co-Authors: Natalie Strobach, Johns Hopkins University
HU

Chikukwa, Ratidzai ............................................ 3:15 PM, CC-26
Rethinking Domestic Music-Making in the Nineteenth Century: Performance Practice in Jane Austen Novels
Research Mentor: Timothy Rommen
Research Institution: University of Pennsylvania
Home Institution: CSU Fullerton
Co-Authors: Timothy Rommen, University of Pennsylvania
HU

Chong, Michelle ........................................... 11:15 AM, CC-22
Laser Locking and Stabilization for Exciting Atoms to Rydberg States and Simulating Spin Models
Research Mentor: Monika Schleier-Smith
Research Institution: Stanford University
Home Institution: University of Chicago
Co-Authors: Monika Schleier-Smith and Ognjen Markovic, Stanford University
PS

Cirillo, Victoria ........................................... 11:30 AM, CC-21
An Investigation Into Three Ultraluminous X-Ray Sources in NGC 891
Research Mentor: Vikram Dwarkadas
Research Institution: University of Chicago
Home Institution: Fordham University
Co-Authors: Vikram Dwarkadas, University of Chicago
PS

Colon-Plaza, Sarah ........................................ 9:30 AM, CC-11
Caspase activity without cell-death during regeneration in Drosophila melanogaster after exposure to IR
Research Mentor: Tin Tin Su
Research Institution: University of Colorado Boulder
Home Institution: Florida International University
Co-Authors: Tin Tin Su, University of Colorado Boulder
BB

Contreras, Veronica ...................................... 11:45 AM, CC-21
Differential RF Filter Design Using Surface-Acoustic-Wave Resonators
Research Mentor: Dimitra Psychogiou
Research Institution: University of Colorado Boulder
Home Institution: UC Davis
Co-Authors: Dimitra Psychogiou, University of Colorado Boulder
EN

Coto, Andrea ............................................. 11:15 AM, CC-23
“The Effect of Manufacturing Variables on the Mechanical Properties of Biopolymer-bound Soil Composites”
Research Mentor: Michael Lepech
Research Institution: Stanford University
Home Institution: San Jose State University
Co-Authors: Michael Lepech, Mia Allende and Isamar Rosa, Stanford University
EN
Coto Villanueva, Miguel .......................... 11:30 AM, CC-23
Chromium Redox Flow Battery for Safe, Affordable Grid Energy Storage
Research Mentor: Michael Marshak
Research Institution: University of Colorado Boulder
Home Institution: San Francisco State University
Co-Authors: Michael Marshak, Brian Robb and Jona Koka, University of Colorado Boulder

PS

Cruz, Bianca .............................................. 12:15 PM, CC-14
Research Mentor: Polly Fordyce
Research Institution: Stanford University
Home Institution: California State Polytechnic University, Pomona
Co-Authors: Kara Brower, Sandy Klemm, Catherine Carswell-Crumpton, Lisa Nichols and Polly Fordyce, Stanford University

AB

Cruz-Vazquez, Paula ......................... 10:45 AM, CC-12
Towards identifying genes in oculomotor neurons
Research Mentor: David Schoppik
Research Institution: New York University
Home Institution: UPR-Rio Piedras
Co-Authors: Kristen D’Elia, Basak Rosti, Marlisa Shaw, Jeremy Dasen and David Schoppik, New York University

BB

Curry, Samuel ........................................ 2:45 PM, CC-16
Knocking down the Microtubule Detyrosinating Enzyme Vasohibin/SVBP in Rat Adult Cardiomyocytes and the effects on Contractility
Research Mentor: Ben Prosser
Research Institution: University of Pennsylvania
Home Institution: Morehouse College
Co-Authors: Christina Chen and Benjamin L. Prosser, University of Pennsylvania

BB

Daughtry, MarChé .......................... 2:45 PM, CC-25
Reframing Understandings of Disability Through Exploring Disabled Peoples’ Experiences with BDSM Play
Research Mentor: Tey Meadow
Research Institution: Columbia University
Home Institution: Willams College
Co-Authors: Tey Meadow, Columbia University

SS

Davis, Liesel ........................................ 12:15 PM, CC-11
Pharmacogenetic Modulation of Oxytocin Neurons Affects Maternal Behavior in Mice
Research Mentor: Ioana Carcea
Research Institution: New York University
Home Institution: University of California Los Angeles UCLA
Co-Authors: Ioana Carcea and Robert Froemke, New York University

BB

de Leon, Emily .................................. 11:15 AM, CC-24
Americans by Fé: Prosperity Gospel Pentecostalism and Latino Assimilation
Research Mentor: Tony Tian-Ren Lin
Research Institution: University of Virginia
Home Institution: DePaul University
Co-Authors: Tony Tian-Ren Lin, University of Virginia

HU

DeAngelis, Gabrielle .................... 3:30 PM, CC-25
Understanding Notions of Anti-Blackness Among Dominican Residents in the Northeastern United States
Research Mentor: Kevin Escudero
Research Institution: University of Virginia
Home Institution: Clark University
Co-Authors: Kevin Escudero, Brown University

SS

Diaz, Jasmine ............................ 5:15 PM, CC-16
The crystallization and purification of the DGKa Protein
Research Mentor: Ku-Lung Hsu
Research Institution: University of Virginia
Home Institution: Heritage University
Co-Authors: Ku-Lung Hsu, University of Virginia

BB

Diaz, Jessikah .......................... 4:45 PM, CC-26
Biopoetical Bodies: Tracing the Malleability of the Material Female Form in Wordsworth and Wollstonecraft
Research Mentor: Timothy Campbell
Research Institution: University of Chicago
Home Institution: University of California Los Angeles UCLA
Co-Authors: Timothy Campbell, University of Chicago

HU

Dickerson, Edward .................. 3:15 PM, CC-13
Restoration of Joint Motion by rhPRG4 in Mutant Mice that Recapitulate CACP Syndrome in Humans
Research Mentor: Gregory Jay
Research Institution: Brown University
Home Institution: North Carolina A&T State University
Co-Authors: Gregory D. Jay and Ling X. Zhang, Brown University

AB
Dorfeuille, Andy ........................................... 2:45 PM, CC-15
Biophysical Characterization Of A Redox Deficient Variant in Human Primase
Research Mentor: Walter Chazin
Research Institution: Vanderbilt University
Home Institution: Morehouse College
Co-Authors: Walter J. Chazin and Lauren E. Salay, Vanderbilt University
BB

Dos-Santos, Reinaldo ......................... 2:45 PM, CC-21
Investigation of Toughening Mechanisms for Polymer Films
Research Mentor: Yifu Ding
Research Institution: University of Colorado Boulder
Home Institution: Florida Atlantic University
Co-Authors: Yifu Ding, University of Colorado Boulder
EN

Douglas, Raquel ............................... 4:45 PM, CC-24
Reimagine: The Effect of the 2015 Houston METRO Network Reform on Access to Public Transit
Research Mentor: Mark Dean
Research Institution: Columbia University
Home Institution: Willamette University
Co-Authors: Mark Dean, Columbia University
SS

Dunn, Kameron ............................. 3:30 PM, CC-26
Pain and Process: Inexpressibility in the Works of David Foster Wallace
Research Mentor: Mark Algee-Hewitt
Research Institution: Stanford University
Home Institution: Southeastern Oklahoma State University
Co-Authors: Mark Algee-Hewitt, Stanford University
HU

Elliotte, Eliza ............................. 2:45 PM, CC-24
Loss of Righting Reflex and Alcohol Drinking Behaviors in High and Low Open Field Activity Strains of Mice
Research Mentor: Marissa Ehringer
Research Institution: University of Colorado Boulder
Home Institution: Hollins University
Co-Authors: Marissa Ehringer and Winona Booher, University of Colorado Boulder
SS

Eruaga, Isaiah .......................... 3:00 PM, CC-15
Regulation of translesion synthesis polymerases eta and kappa in response to DNA replication stress
Research Mentor: Tony Huang
Research Institution: New York University
Home Institution: CSU Fullerton
Co-Authors: Tony Huang, New York University
BB

Fausto, Alejandra ......................... 3:30 PM, CC-14
Detection of dsRNA by Vaccinia virus E3L protein and Black Beetle virus B2 protein
Research Mentor: Susan Weiss
Research Institution: University of Pennsylvania
Home Institution: CSU Northridge
Co-Authors: Yize Li and Susan Weiss, University of Pennsylvania
AB

Feliciano, Adariana ...................... 5:15 PM, CC-17
The Effect of Lactate and Itaconate on Lung Epithelial Cell Metabolism and Function
Research Mentor: Gokhan Mutlu
Research Institution: University of Chicago
Home Institution: UPR-Mayaguez
Co-Authors: Gokhan Mutlu, University of Chicago
BB

Flint, Jade ........................... 9:15 AM, CC-26
The art of feasting: a Mesoamerican tradition of communal consumption
Research Mentor: Adriana Greci Green
Research Institution: University of Virginia
Home Institution: Howard University
Co-Authors: Adriana Greci Green, University of Virginia
HU

Franco-Argueta, Kelvin ................. 11:45 AM, CC-23
Entering The World of Electronics
Research Mentor: Nathan Swami
Research Institution: University of Virginia
Home Institution: Old Dominion University
Co-Authors: Swami, University of Virginia
EN

Frazer-Klotz, Zoe ....................... 12:00 PM, CC-26
The Effects of waitlisting on Ingroup Association
Research Mentor: Shige Oishi
Research Institution: University of Virginia
Home Institution: Haverford College
Co-Authors: Shige Oishi and Nick Buttrick, University of Virginia
SS

Freeman, Daniel ....................... 12:15 PM, CC-16
Early Correlative Analyses of a Melanoma Trial
Research Mentor: Pratip Chattopadhyay
Research Institution: New York University
Home Institution: Clemson University
Co-Authors: Pratip Chattopadhyay and Anabel Miller, New York University
AB
Gardner, Gwen ........................................... 3:15 PM, CC-23
Shear velocity and attenuation in the Hawaiian region from Rayleigh wave dispersion
Research Mentor: Donald Forsyth
Research Institution: Brown University
Home Institution: Cornell University
Co-Authors: Donald Forsyth and Youyi Ruan, Brown University

ES

Gekow, Alex .................................................. 3:00 PM, CC-21
Permanent Ferroelectric Domain Inversion of Submicron Lithium Niobate Thin Film on Substrate
Research Mentor: Hong Tang
Research Institution: Yale University
Home Institution: UMass Amherst
Co-Authors: Hong Tang and Juanjuan Lu, Yale University

PS

Gellineau, Hendryck ........................................... 12:30 PM, CC-14
Engineering more Efficient Gated CAR T Cell Vectors
Research Mentor: David Scheinberg
Research Institution: Weill Cornell Graduate School
Home Institution: Cornell University
Co-Authors: David Scheinberg and Pedro Silberman, Weill Cornell Graduate School

AB

Gilliam, Nora ...................................................... 3:45 PM, CC-14
Helicobacter Pylori Genetic Adaptation in Response to Gastric Inflammation and Other Environmental Factors
Research Mentor: Timothy Cover
Research Institution: Vanderbilt University
Home Institution: Indiana University Purdue University
Co-Authors: Rhonda R. Caston, Holly M. Algood, M. Blanca Piazuelo, John T. Loh and Timothy L. Cover, Vanderbilt University

HU

Gladney, Gabriella ............................................. 10:30 AM, CC-26
Black Like Me: How Identity Politics have Shaped the Black Vote
Research Mentor: Keisha John
Research Institution: University of Virginia
Home Institution: Spelman College
Co-Authors: Balfour, University of Virginia

BB

Gomez, Steven .............................................. 10:15 AM, CC-27
“A Framework to Think of Ourselves as a Nation”: Constructing Historical Memory in Colombia
Research Mentor: Pablo Piccato
Research Institution: Columbia University
Home Institution: Princeton University
Co-Authors: Pablo Piccato, Columbia University

HU

Gonzalez, Caroline ........................................... 5:45 PM, CC-13
Rapid Picture Naming using the Mobile Universal Lexicon Evaluation System (MULES) in Parkinson’s Patients
Research Mentor: Laura Balcer
Research Institution: New York University
Home Institution: Dartmouth College
Co-Authors: Laura J. Balcer, New York University

AB

Gonzalez, Ivette .............................................. 5:15 PM, CC-13
Multigenerational Impact of Developmental Nicotine Exposure on HDAC2 Abundance in Striatum and Frontal Cortex in Mice
Research Mentor: Jerry Stitzel
Research Institution: University of Colorado Boulder
Home Institution: San Diego State University
Co-Authors: Heidi C. O’Neill, Jordan M. Buck and Jerry Stitzel, University of Colorado Boulder

BB

Gonzalez Di Tillio, Maria ...................................... 3:00 PM, CC-16
Characterizing the Role of Adam17 Y42N Mutant in Congenital Heart Disease
Research Mentor: Jose Lora
Research Institution: Weill Cornell Medical College
Home Institution: Harvard University
Co-Authors: Jose Lora and Carl Blobel, Weill Cornell Medical College

BB

Green, Janelle ..................................................... 5:45 PM, CC-26
"O Men of Athens, My Dear Fellow Clergymen": The Black Apologist in A Whitewashed Genre
Research Mentor: Natalie Strobach
Research Institution: Johns Hopkins University
Home Institution: Claflin University
Co-Authors: Natalie Strobach, Johns Hopkins University

HU

Guerra Schleske, Paulina ........................................ 9:45 AM, CC-11
Histone Modifications in the Pancreatic Islets of Intrauterine Growth Restricted Rats Modulate Transcription Factor Binding
Research Mentor: Yu-Chin Lien
Research Institution: University of Pennsylvania
Home Institution: Duke University
Co-Authors: Rebecca Simmons, University of Pennsylvania

BB
Gutierrez, Frank ........................................ 11:15 AM, CC-13
The Role Of Metadata Analysis On Nascent Transcription
Research Mentor: Robin Dowell
Research Institution: University of Colorado Boulder
Home Institution: CSU Los Angeles
Co-Authors: Robin Dowell, Mary Allen, Ignacio Tripodi and Margaret Gruca, University of Colorado Boulder
BB

Halloran, Dakota ........................................ 10:45 AM, CC-27
More Human than Human: Being and the Removal of Artificiality in Blade Runner
Research Mentor: Natalie Strobach
Research Institution: Johns Hopkins University
Home Institution: Community College of Baltimore County
Co-Authors: Natalie Strobach, Johns Hopkins University
HU

Hanna, Cassondra .......................................... 5:15 PM, CC-24
The Urban Redevelopment of Pittsburgh’s Hill District
Research Mentor: Andrew Kahrl
Research Institution: University of Virginia
Home Institution: Fisk University
Co-Authors: Andrew Karhl, University of Virginia
HU

Haoud, Caroline ........................................... 3:15 PM, CC-15
Investigating The Mechanism Of Histone Chaperone-Dependent RAD51 Loading During DNA Double Strand Break Repair
Research Mentor: Jessica Tyler
Research Institution: Weill Cornell Medical College
Home Institution: Columbia University
Co-Authors: Faith Fowler and Jessica Tyler, Weill Cornell Graduate School
BB

Harmon, Nia ............................................ 11:30 AM, CC-13
Profiling global chromatin proteome and histone post-translational modifications upon knockdown of SWI/SNF via mass spectrometry
Research Mentor: Benjamin Garcia
Research Institution: University of Pennsylvania
Home Institution: Florida State University
Co-Authors: Benjamin Garcia, Mariel Coradin and Kelly Karch, University of Pennsylvania
BB

Harris, Kennedy ........................................ 4:45 PM, CC-12
Characterization of Bacteriophage Lysin PlyKp17 Against Multi-Drug Resistant Klebsiella pneumoniae
Research Mentor: Vincent Fischetti
Research Institution: Weill Cornell Medical College
Home Institution: Tuskegee University
Co-Authors: Assaf Raz and Vincent Fischetti, Weill Cornell Medical College
AB

Harris, Lauren ........................................... 12:00 PM, CC-23
Electrode Modifications for Detecting ATP and Adenosine
Research Mentor: Barbara Jill Venton
Research Institution: University of Virginia
Home Institution: University of Maryland, Baltimore County
Co-Authors: B. Jill Venton and Jason Borgus, University of Virginia
PS

Harris, Marek ............................................ 12:00 PM, CC-17
Identifying novel cancer cell vulnerabilities associated with the mutant splicing factor U2AF1
Research Mentor: John Ferrarone
Research Institution: Weill Cornell Graduate School
Home Institution: Stanford University
Co-Authors: John Ferrarone and Harold Varmus, Weill Cornell Graduate School
AB

Hassane, Kinaya ........................................ 3:45 PM, CC-27
All Art is Propaganda: African American Art Collectors’ Role in Mediating the Relationship between Black Art and Liberation Politics
Research Mentor: Tina Campt
Research Institution: Columbia University
Home Institution: Bowdoin College
Co-Authors: Tina Campt, Columbia University
HU

Hayward-Lara, Gabriela ......................... 3:30 PM, CC-12
BMP Signaling is Lit: Using YFP-tagged BMP receptors to track zebrafish development
Research Mentor: Mary Mullins
Research Institution: University of Pennsylvania
Home Institution: Princeton University
Co-Authors: Mary Mullins and Benjamin Tajer, University of Pennsylvania
BB

Hernandez, Antonio ......................... 3:15 PM, CC-21
Building a Low-Cost Cosmic Microwave Background Receiver
Research Mentor: Kamaljeet Saini
Research Institution: University of Virginia
Home Institution: Piedmont Virginia Community College
Co-Authors: Kamaljeet Saini and John Effland, University of Virginia
EN

Hernandez, Kevin .............................. 5:00 PM, CC-12
Determining The Specificity of Human Antibodies That Block H5N1 Avian Influenza Virus Infection
Research Mentor: Scott Hensley
Research Institution: University of Pennsylvania
Home Institution: North Carolina State University
Co-Authors: Scott Hensley and Tyler Garretson, University of Pennsylvania
AB
<table>
<thead>
<tr>
<th>Name</th>
<th>Time</th>
<th>Room</th>
<th>Title</th>
<th>Research Mentor</th>
<th>Research Institution</th>
<th>Home Institution</th>
<th>Co-Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hernandez, Samuel</td>
<td>11:45 AM, CC-13</td>
<td>13</td>
<td>Modeling Epigenetic Heterogeneity and Age for Forensic Testing</td>
<td>Christopher Mason</td>
<td>Weill Cornell Medical College</td>
<td>Knox College</td>
<td>Jonathan Foxx and Christopher E. Mason, Weill Cornell Medical College</td>
</tr>
<tr>
<td>Herran, Keren</td>
<td>11:30 AM, CC-22</td>
<td>22</td>
<td>Using Electronic Health Record Data and Geospatial Census Data to Create Effective Decision Tree Model for Readmission Risk after Orthopedic Surgery</td>
<td>Jason Moore</td>
<td>University of Pennsylvania</td>
<td>University of Maryland, Baltimore County</td>
<td>Selah Lynch and Jason Moore, University of Pennsylvania</td>
</tr>
<tr>
<td>Hester, Katelynn</td>
<td>9:15 AM, CC-27</td>
<td>27</td>
<td>Chahta Ahaya Moma: Cultural Shifts in the Choctaw Nation During the 18th and 19th Centuries</td>
<td>Christian McMillen</td>
<td>University of Virginia</td>
<td>Southeastern Oklahoma State University</td>
<td>Christian McMillen, University of Virginia</td>
</tr>
<tr>
<td>Hickman, Mia</td>
<td>3:30 PM, CC-27</td>
<td>27</td>
<td>Get Out of Wakanda: Comparing Black Audience reactions from Black Panther and Get Out</td>
<td>Gertrude Fraser</td>
<td>University of Virginia</td>
<td>Morgan State University</td>
<td>Gertrude Fraser, University of Virginia</td>
</tr>
<tr>
<td>Hinojo, Andy</td>
<td>11:30 AM, CC-12</td>
<td>12</td>
<td>The Effect of Higher Serum Levels of Endogenous 17Beta-Estradiol on Cerebral Ischemia Injury in Young Cyclic Female Rats</td>
<td>Ami Raval</td>
<td>University of Miami</td>
<td>Iowa State University</td>
<td>Ami Raval, University of Miami</td>
</tr>
<tr>
<td>Holness, Micah</td>
<td>4:00 PM, CC-24</td>
<td>24</td>
<td>Mindful Awareness Effects on Nicotine Addiction</td>
<td>Ernestine Jennings</td>
<td>Brown University</td>
<td>Xavier University of Louisiana</td>
<td>Ernestine Jennings, Shira Dunsiger and Beth Bock, Brown University</td>
</tr>
<tr>
<td>Hsu, Jesse</td>
<td>11:45 AM, CC-22</td>
<td>22</td>
<td>Atomic Layer Deposition of Two-Dimensional Silica</td>
<td>Eric Altman</td>
<td>Yale University</td>
<td>Ithaca College</td>
<td>Eric Altman, Yale University</td>
</tr>
<tr>
<td>Hunter, Channelle</td>
<td>11:45 AM, CC-15</td>
<td>15</td>
<td>Characterization of Receptor Expression and Aberrant Gli2 Signaling in Osteosarcoma Cells</td>
<td>Julie Sterling</td>
<td>Vanderbilt University</td>
<td>University of Central Florida</td>
<td>Julie Sterling and Erik Beadle, Vanderbilt University</td>
</tr>
<tr>
<td>Hwang, Jongin</td>
<td>5:30 PM, CC-17</td>
<td>17</td>
<td>Regulation of pancreatic beta-cell function by lipid post-translational modifications (PTMs): Role of ATP sensitive potassium (KATP) channels</td>
<td>William Coetzee</td>
<td>New York University</td>
<td>University of Georgia</td>
<td>William Coetzee, Erkan Tuncay and Huaqian Yang, New York University</td>
</tr>
<tr>
<td>Ikeokwu, Frances</td>
<td>4:00 PM, CC-25</td>
<td>25</td>
<td>Finding Community: Can Extracurricular Activities Be a Protective Factor for the Mental Health of Students of Color at a Predominantly White Institution?</td>
<td>Noelle Hurd</td>
<td>University of Virginia</td>
<td>Edward Waters College</td>
<td>Noelle Hurd, Jamie Albright and Audrey Wittrup, University of Virginia</td>
</tr>
<tr>
<td>Irwin, Laura</td>
<td>2:45 PM, CC-26</td>
<td>26</td>
<td>What Honour For The Female Sex: Representations Of Women's Power And Influence In The Luttrell Psalter</td>
<td>Christopher Baswell</td>
<td>Columbia University</td>
<td>Saint Edward's University</td>
<td>Christopher Baswell, Columbia University</td>
</tr>
</tbody>
</table>
Jackson, Amber ................................. 2:45 PM, CC-22
Optimizing Norbornene Functionalized Hyaluronic Acid ElectroSpinning
Research Mentor: Beverly Miller
Research Institution: University of Virginia
Home Institution: George Mason University
Co-Authors: Beverly Miller and Steven Caliari, University of Virginia
EN

Jackson, Katelyn ............................................ 5:00 PM, CC-11
Antibiotic-Induced Changes in the Early Life Microbiota Composition and Susceptibility to Asthmatic Disease
Research Mentor: Martin Blaser
Research Institution: New York University
Home Institution: Mississippi State University
Co-Authors: Martin Blaser, Timothy Borbet and Timothy Maher, New York University
BB

Jackson, Katelyn ............................................ 12:00 PM, CC-21
The Orbital Dynamics of Exosolar Planets
Research Mentor: Phillip Arras
Research Institution: University of Virginia
Home Institution: Spelman College
Co-Authors: Phillip Arras, University of Virginia
PS

Jacobs, Malek ..................................................... 10:00 AM, CC-11
Investigating the Role of BVES in Intestinal Wound Healing
Research Mentor: Yash Choksi
Research Institution: Vanderbilt University
Home Institution: Cornell University
Co-Authors: Yash Choksi and Christopher S. Williams, Vanderbilt University
BB

Jalloh, Mariama ............................................. 3:15 PM, CC-25
Please Don’t Cut Me: The Psychological Effects of Female Genital Mutilation
Research Mentor: Dr. Denise Walsh
Research Institution: University of Virginia
Home Institution: Spelman College
Co-Authors: Denise Walsh, University of Virginia
HU

Jarrett, Isria ..................................................... 5:30 PM, CC-16
Characterization of Novel Clostridium difficile Virulence Targets: A Structural Biology Approach
Research Mentor: D. Borden Lacy
Research Institution: Vanderbilt University
Home Institution: Belmont University
Co-Authors: D. Borden Lacy and Heather Kroh, Vanderbilt University
BB

Jean, Erin ..................................................... 11:15 AM, CC-11
Identification and Annotation of Pathogenic Gene Variants with Possible Implementation in High Functioning Autism Spectrum Disorder
Research Mentor: Maya Bucan
Research Institution: University of Pennsylvania
Home Institution: Hampton University
Co-Authors: Jing Zhang, Lars Anderson and Maja Bucan, University of Pennsylvania
BB

Jean-Pierre, Makheni ...................... 3:30 PM, CC-11
The Role of CtBP2 in Mediating Bcl-xL Promotion of Metastasis
Research Mentor: Yi-Chieh Nancy Du
Research Institution: Weill Cornell Medical College
Home Institution: SUNY Stony Brook
Co-Authors: Yi-Chieh Nancy Du and Tiantian Zhang, Weill Cornell Medical College
AB

Jeewaje, Swarna ................................. 12:00 PM, CC-15
Transcriptional Determinants of L-Asparaginase Response in Leukemia
Research Mentor: Robert Williams
Research Institution: Weill Cornell Medical College
Home Institution: Massachusetts Institute of Technology
Co-Authors: Kivanc Birsoy and Robert Williams, Weill Cornell Medical College
BB

Jenkins Taylor, Vashti ...................... 10:00 AM, CC-26
My Experience Learning to Curate Art featuring “Empty Eyes: An Analysis of the 'Death Eye' Motif in Pottery and Hieroglyphs”
Research Mentor: ADRIANA GRECI GREEN
Research Institution: University of Virginia
Home Institution: Florida A&M University
Co-Authors: Adriana Greci Green, University of Virginia
HU

Jeronimo, Carlos ................................. 5:15 PM, CC-11
The Role Of Cofilin Mediated F-Actin Clearance at the Immunological Synapse Upon T-Cell Activation
Research Mentor: Morgan Huse
Research Institution: Weill Cornell Graduate School
Home Institution: Lehman College CUNY
Co-Authors: Morgan Huse and Elisa Sanchez, Weill Cornell Graduate School
BB
Ji, Jonathan .................................................... 11:30 AM, CC-24
Cruising Churches: Queer World-Making within Christianity
Research Mentor: Erica Robles-Anderson
Research Institution: New York University
Home Institution: New York University
Co-Authors: Erica Robles Anderson, New York University
HU

Johnson, Jafira ................................................ 2:45 PM, CC-11
Investigating Mechanisms of Action of a Novel Nucleoside Analog to Treat PEL and Pancreatic Adenocarcinoma.
Research Mentor: Ethel Cesaran
Research Institution: Weill Cornell Graduate School
Home Institution: University of Maryland, Baltimore County
Co-Authors: Ethel Cesaran and Jouliana Sadek, Weill Cornell Graduate School
BB

Johnson, Jaleese ............................................ 3:15 PM, CC-27
How I See Myself: Black Women's Instagram Usage and Body Image
Research Mentor: Shanta Robinson
Research Institution: University of Chicago
Home Institution: Xavier University of Louisiana
Co-Authors: Shanta Robinson, University of Chicago
SS

Jones, Erielle .................................................. 11:45 AM, CC-24
Faith Vision of Capital: Ameliorating White Debt in Multicultural Churches
Research Mentor: Tony Tian-Ren Lin
Research Institution: University of Virginia
Home Institution: University of Missouri-Columbia
Co-Authors: Tony Tian-Ren Lin, University of Virginia
SS

Karabinas, Isabella ........................................... 9:45 AM, CC-12
The Effects of Chronic Stress on Effort Valuation and Glutamatergic Signaling
Research Mentor: Puja Parekh
Research Institution: Weill Cornell Medical College
Home Institution: Oregon State University
Co-Authors: Puja Parekh, Weill Cornell Medical College; Jonathan Witztum, Weill Cornell Graduate School; Conor Liston, Weill Cornell Medical College
AB

Karod, Madeline ............................................. 3:30 PM, CC-23
Spatial Investigation of Atmospheric Ammonia and Ammonium Dynamics in Providence, RI
Research Mentor: Meredith Hastings
Research Institution: Brown University
Home Institution: Simmons College
Co-Authors: Meredith Hastings and Wendell Walters, Brown University
ES

Kattoura, Nicholas ......................................... 11:30 AM, CC-26
Resisting Victimhood: Demystifying the Western Opposition to Leila Khaled's Armed Insurgency
Research Mentor: Paula Chakravartty
Research Institution: New York University
Home Institution: Oberlin College
Co-Authors: Paula Chakravartty, New York University
HU

Keita, Nasitta ................................................ 3:45 PM, CC-25
Natural Mentorship, Racial Identity, and Positive Youth Development: How Extended and Fictive Kin Teach Black Adolescents About Race
Research Mentor: Noelle Hurd
Research Institution: University of Virginia
Home Institution: University of Wisconsin Madison
Co-Authors: Noelle Hurd, Janelle Billingsley and Audrey Wittrup, University of Virginia
SS

Khalid, Mohammed .......................................... 11:15 AM, CC-26
Mass Media's Ideology of Middle Eastern Terror and the Impossibility of the Individual
Research Mentor: Natalie Strobach
Research Institution: Johns Hopkins University
Home Institution: Community College of Baltimore County
Co-Authors: Natalie Strobach, Johns Hopkins University
HU

Khalizova, Nailya ............................................. 3:30 PM, CC-13
Determining the Signaling Pathways in Endothelial Dysfunction During Cerebral Malaria
Research Mentor: Ana Rodriguez
Research Institution: New York University
Home Institution: Hunter College
Co-Authors: Ana Rodriguez and Marisol Zuniga, New York University
SS

Khan, Asma .................................................... 10:00 AM, CC-27
Colonial Pinball: The Impossibility of a National Identity in Pachinko
Research Mentor: Natalie Strobach
Research Institution: Johns Hopkins University
Home Institution: Community College of Baltimore County
Co-Authors: Natalie Strobach, Johns Hopkins University
HU

Kijakazi, Dalia ............................................... 12:15 PM, CC-25
Beyond the Jade: Celts in Mesoamerica
Research Mentor: Adriana Greci Green
Research Institution: University of Virginia
Home Institution: Spelman College
Co-Authors: Adriana Greci Green, University of Virginia
HU
Knight, Rayshawn ........................................... 9:15 AM, CC-13
Structure and Dynamics of the HIV-1 Capsid-SP1 Junction Helix
Research Mentor: Mike Summers
Research Institution: University of Maryland, Baltimore County
Home Institution: Western Carolina University
Co-Authors: Carly Sciandra, Arthur Chinery, Hana Flores and Emily Cannistraci, University of Maryland, Baltimore County
PS

Krikorian, Georgia ......................................... 4:45 PM, CC-14
Group II mGluR Modulation in Psychiatric Disorders
Research Mentor: Joshua Levitz
Research Institution: Weill Cornell Medical College
Home Institution: Smith College
Co-Authors: Joshua Levitz and Vanessa Gutzeit, Cornell University
AB

Lane, Amanda ............................................. 10:15 AM, CC-26
The Colima Dog Effigy: Companion in Life and Death
Research Mentor: Adriana Greci Green
Research Institution: University of Virginia
Home Institution: Whittier College
Co-Authors: Adriana Greci-Green, University of Virginia
HU

LaRiccia, Dante ........................................... 12:30 PM, CC-25
Fortunes and Tellers: Bank Speculation, the Public, and the Baltimore Riots of 1835
Research Mentor: Daniel Jütte
Research Institution: New York University
Home Institution: New York University
Co-Authors: Dante LaRiccia and Daniel Jutte, New York University
HU

Laurore, Emily ........................................... 11:15 AM, CC-27
How did the Structure of WHO Impede Its Response to the Ebola Outbreak in 2014 and Has It Improved Since?
Research Mentor: Keisha John
Research Institution: University of Virginia
Home Institution: Spelman College
Co-Authors: Michael Smith, University of Virginia
PE

Lawrence, Aliana .......................................... 3:45 PM, CC-17
Defining the Associations Between Lifestyle Factors and Colorectal Cancer Risk in the Southern Community Cohort Study
Research Mentor: Shaneda Warren Andersen
Research Institution: Vanderbilt University
Home Institution: Spelman College
Co-Authors: Shaneda Warren Andersen, Vanderbilt University
AB

Lerch, Cameron ........................................... 3:00 PM, CC-22
Encoding Multidirectional Memory in Sheared Amorphous Solids
Research Mentor: Corey O’Hern
Research Institution: Yale University
Home Institution: Missouri University of Science & Technology
Co-Authors: Corey O’Hern and Meng Fan, Yale University
PS

Lojano, Andres ............................................. 10:00 AM, CC-12
Inflammation and White Matter Degeneration after Traumatic Brain Injury in Swine
Research Mentor: Michael Grovola
Research Institution: University of Pennsylvania
Home Institution: Hunter College
Co-Authors: Michael Grovola and Kacy Cullen, University of Pennsylvania
AB

Luck, Cuyler ................................................. 11:15 AM, CC-16
Quantifying minimal residual disease in breast cancer dormancy
Research Mentor: Lewis Chodosh
Research Institution: University of Pennsylvania
Home Institution: Pennsylvania State University
Co-Authors: Lewis Chodosh, Francesco Marino, Joe Kim, Amulya Sreekumar and George Belka, University of Pennsylvania
BB

Lund, Ethen .................................................. 12:15 PM, CC-23
Developing Ni-based Bulk Metallic Glasses for Additive Manufacturing
Research Mentor: Jan Schroers
Research Institution: Yale University
Home Institution: Pomona College
Co-Authors: Sungwoo Sohn and Jan Schroers, Yale University
EN

Lysandrou, Maria ......................................... 11:30 AM, CC-14
MRI Image Analysis of Prostate Cancer By Using Deep Learning
Research Mentor: Pegah Khosravi
Research Institution: Weill Cornell Graduate School
Home Institution: University of Chicago
Co-Authors: Iman Hajirasouliha and Pegah Khosravi, Weill Cornell Graduate School; Bilal Chughtai, Weill Cornell Medical College
AB
<table>
<thead>
<tr>
<th>Author</th>
<th>Time</th>
<th>Room</th>
<th>Title</th>
<th>Research Mentor</th>
<th>Research Institution</th>
<th>Home Institution</th>
<th>Co-Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Macias, Alejandro</td>
<td>5:45 PM</td>
<td>CC-17</td>
<td>A Metabolic Feedback Loop in Adipocytes Sustains Glucose Homeostasis in Females</td>
<td>Kathryn Wellen</td>
<td>University of Pennsylvania</td>
<td>CSU Northridge</td>
<td>Sully Fernandez, John Viola, AnnMarie Torres, Sophie Treffy and Martina Wallace, University of Pennsylvania</td>
</tr>
<tr>
<td>Maltos, Elena</td>
<td>9:45 AM</td>
<td>CC-13</td>
<td>Underrepresented and Overlooked: The Civil and Social Consequences of Felony Disenfranchisement in the Latino Community</td>
<td>Claudrena Harold</td>
<td>University of Virginia</td>
<td>Heritage University</td>
<td>Claudrena Harold, University of Virginia</td>
</tr>
<tr>
<td>Manz, Samantha</td>
<td>9:00 AM</td>
<td>CC-27</td>
<td>Cartography of Struggle: Mapping Settler Colonialism and Gendered Violence Against Indigenous Women</td>
<td>Celia Naylor</td>
<td>Columbia University</td>
<td>Macalester College</td>
<td>Celia Naylor, Columbia University</td>
</tr>
<tr>
<td>Marmol, Yorkiris</td>
<td>11:30 AM</td>
<td>CC-11</td>
<td>Single-neuron Responses to Body Movement in the Macaque Ventral Visual Pathway</td>
<td>Ben Deen</td>
<td>Weill Cornell Medical College</td>
<td>Vassar College</td>
<td>Ben Deen, Cornell University</td>
</tr>
<tr>
<td>Martinez, Cristian</td>
<td>3:30 PM</td>
<td>CC-21</td>
<td>Synthesis and Characterization of Pro-Pro-Gly and Pro-Pro-azGly Collagen Model Peptides</td>
<td>David Chenoweth</td>
<td>University of Pennsylvania</td>
<td>UPR-Rio Piedras</td>
<td>David Chenoweth, Alexander Kasznel and Samuel Melton, University of Pennsylvania</td>
</tr>
<tr>
<td>Matthews, Grace</td>
<td>5:45 PM</td>
<td>CC-22</td>
<td>The Effect of the Substrate on the MoS2 Catalyzed Hydrogen Evolution Reaction</td>
<td>Judy Cha</td>
<td>Yale University</td>
<td>North Carolina State University</td>
<td>Josh Pondick, David Hynek and Judy Cha, Yale University</td>
</tr>
<tr>
<td>McDuffie, Joshua</td>
<td>3:45 PM</td>
<td>CC-23</td>
<td>Experimental study on the seismic response of embankments on liquefiable soils improved with stone columns</td>
<td>Shideh Dashti</td>
<td>University of Colorado Boulder</td>
<td>North Carolina A&amp;T State University</td>
<td>Juan Carlos Tiznado and Shideh Dashti, University of Colorado Boulder</td>
</tr>
<tr>
<td>McElroy, Asha</td>
<td>10:15 AM</td>
<td>CC-12</td>
<td>The Impact of the Orexin System on Inflammatory Markers in a Binge Study</td>
<td>Kimberli Richardson</td>
<td>Howard University</td>
<td>North Carolina A&amp;T State University</td>
<td>Kimberlei A. Richardson, Dexter L. Lee and Uthayathas Subramaniam, Howard University</td>
</tr>
<tr>
<td>McKinney, Jessica</td>
<td>12:00 PM</td>
<td>CC-25</td>
<td>When Flesh is Remembered: A History of Trophies.</td>
<td>Natalie Strobach</td>
<td>Johns Hopkins University</td>
<td>Community College of Baltimore County</td>
<td>Natalie Strobach, Johns Hopkins University</td>
</tr>
<tr>
<td>McManus, Collin</td>
<td>5:15 PM</td>
<td>CC-12</td>
<td>Investigating the Role of Mammalian Cell Entry Proteins in Bacterial Lipid Transport</td>
<td>Damian Ekiert</td>
<td>New York University</td>
<td>Rutgers University</td>
<td>Damian Ekiert and Georgia Isom, New York University</td>
</tr>
<tr>
<td>McNish, Brianna</td>
<td>3:45 PM</td>
<td>CC-26</td>
<td>“Say Make Me, Remake Me”: Disembodied Selfhood in Toni Morrison’s Jazz</td>
<td>Herman Beavers</td>
<td>University of Pennsylvania</td>
<td>University of Connecticut</td>
<td>Herman Beavers, University of Pennsylvania</td>
</tr>
</tbody>
</table>
Mekbib, Hannah Mariam .................. 5:45 PM, CC-16
The Last Frontier: Chemical Exchange Effects On NMR Spectroscopy
Research Mentor: Arthur Palmer
Research Institution: Columbia University
Home Institution: Boston University
Co-Authors: Arthur Palmer, Columbia University
BB

Melder, Theodore .......................... 12:00 PM, CC-22
Optimization of Diethylation for Enhancing cPILOT Workflow
Research Mentor: Renã Robinson
Research Institution: Vanderbilt University
Home Institution: Xavier University of Louisiana
Co-Authors: Renã Robinson and David Vassallo, Vanderbilt University

Mendoza, Alicia ............................. 3:45 PM, CC-16
Identifying a Role for Soluble Guanylyl Cyclases during Nitric Oxide-Mediated Stress Response in C. elegans
Research Mentor: Evgeny Nudler
Research Institution: New York University
Home Institution: Ohio State University
Co-Authors: Evgeny Nudler and Manjunath Gowder, New York University
BB

Mercado, Nathan ........................... 5:30 PM, CC-11
Interferon-Stimulated Gene ELF-1 Initiates Innate Antiviral Response in Eukaryotic Cells
Research Mentor: Meike Dittmann
Research Institution: New York University
Home Institution: UC Riverside
Co-Authors: Meike Dittmann and Clara Si, New York University
AB

Mercedes, Marquisele ...................... 4:00 PM, CC-17
Word of Mouth: Social Influence and Medicare Advantage Plan Enrollment Decisions
Research Mentor: Ira Wilson
Research Institution: Brown University
Home Institution: Hunter College
Co-Authors: Maricruz Rivera-Hernandez and Ira Wilson, Brown University
AB

Miller, Michelle ............................ 3:45 PM, CC-24
An Analysis of Mock Training Session as a Predictor of Motion Artifacts in fMRI Scans of Young Children
Research Mentor: Jessica Connelly
Research Institution: University of Virginia
Home Institution: Fairfield University
Co-Authors: James Morris, University of Chicago; Jessica Connelly and Amalia McDonald, University of Virginia
SS

Mitchell-Velasquez, Erick ................. 12:30 PM, CC-16
The Role of CDK7 in Transcription Regulation in Prostate Cancer
Research Mentor: Irfan Asangani
Research Institution: University of Pennsylvania
Home Institution: CSU Northridge
Co-Authors: Irfan Asangani, Qu Deng, Reyaz ur Rasool and Ramakrishnan Natesan, University of Pennsylvania
AB

Montelongo, Javier ......................... 3:30 PM, CC-15
Identification of Factors Which Regulate Long Non-coding RNA Binding to Chromatin in Drosophila.
Research Mentor: Maya Capelson
Research Institution: University of Pennsylvania
Home Institution: California Lutheran University
Co-Authors: Maya Capelson, University of Pennsylvania

Montes, Christian .......................... 5:45 PM, CC-23
The Extension of Imaging by Integrating Stitched Spectrograms
Research Mentor: Gregory Beylkin
Research Institution: University of Colorado Boulder
Home Institution: CSU Stanislaus
Co-Authors: Dan Adams, University of Colorado Boulder
PS

Moore, Kelsey ............................... 5:00 PM, CC-27
Silhouette of Sandscapes: Envisioning the Grit of Black Womanhood During the Great Migration
Research Mentor: Jennifer Morgan
Research Institution: New York University
Home Institution: New York University
Co-Authors: Jennifer Morgan, New York University
HU

Morales, Jasmin ............................. 9:30 AM, CC-23
The Lost Ochoas: Social Class and STEM Persistence at an Elite University
Research Mentor: Anthony Jack
Research Institution: Harvard University
Home Institution: UC Santa Barbara
Co-Authors: Anthony Jack, Harvard University
SS

Moreno-Flores, Omar ....................... 12:00 PM, CC-13
Modeling the Lymphoid Populations in the Bone Marrow
Research Mentor: Julie Sterling
Research Institution: Vanderbilt University
Home Institution: Heritage University
Co-Authors: Julie Sterling and David Florian, Vanderbilt University
AB
<table>
<thead>
<tr>
<th>Name</th>
<th>Time</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Moss, Marissa</strong></td>
<td>4:45 PM</td>
<td>CC-27</td>
</tr>
</tbody>
</table>
| "The Negro harlot:" Examining the Racial Dimensions of Policing in the Historic Vice Districts of Chicago (1920-1940) | Research Mentor: Christopher Todd  
Research Institution: University of Chicago  
Home Institution: Indiana University-Bloomington  
Co-Authors: Christopher Todd, University of Chicago  
HU |
| **Musleh, Aya**    | 5:00 PM            | CC-14 |
| Analysis of Dendritic Spines in Cerebellar Purkinje Cells and Neocortical Pyramidal Cells in a Mouse Model of Autism | Research Mentor: Christian Hansel  
Research Institution: University of Chicago  
Home Institution: University of Redlands  
Co-Authors: Dana H. Simmons, Daniel F. Gill and Christian Hansel, University of Chicago  
BB |
| **Nandar, PwintPhyu** | 3:45 PM           | CC-21 |
| Investigating the Vapor Intrusion Issue: Developing an Active and Fast Air Sampling Method for Chlorinated Solvents | Research Mentor: Eric Suuberg  
Research Institution: Brown University  
Home Institution: University of California Los Angeles UCLA  
Co-Authors: Mengke Zhang, Zachary Saleeba and Eric Suuberg, Brown University  
ES |
| **Negi, Sonakshi** | 5:45 PM            | CC-25 |
| How Beginning Teachers’ Experiences with Teacher Evaluation Seem To Affect their Teaching Self-Efficacy and Fit with their Schools? | Research Mentor: Peter Youngh  
Research Institution: University of Virginia  
Home Institution: George Mason University  
Co-Authors: Peter Youngh, University of Virginia  
SS |
| **Negri, Alberta** | 4:45 PM            | CC-11 |
| Exploring the Mediators Between Incarceration and STI/HIV Prevalence | Research Mentor: Maria Khan  
Research Institution: New York University  
Home Institution: University of Cincinnati  
Co-Authors: Maria Khan, MacRegga Severe, Joy Scheidell and Kailyn Pearce, New York University  
AB |
| **Nesper, Jonathan** | 4:00 PM        | CC-21 |
| Control of Te Vacancies in Mo1-xWxTe2 Crystals | Research Mentor: Despina Louca  
Research Institution: University of Virginia  
Home Institution: University of Central Florida  
Co-Authors: Despina Louca and John Schneeloch, University of Virginia  
PS |
| **Newsome, Emmanuel** | 5:15 PM        | CC-23 |
| X-Ray Spectral Extraction for Stripe 82 Survey | Research Mentor: Meg Urry  
Research Institution: Yale University  
Home Institution: University of Maryland, Baltimore County  
Co-Authors: Meg Urry and Tonima Ananna, Yale University  
PS |
| **Nguyen, David**  | 9:45 AM            | CC-23 |
| Addressing the Leaky Pipeline: An Outcome Evaluation of the Community College to PhD Scholars Program | Research Mentor: Shanta Robinson  
Research Institution: University of Chicago  
Home Institution: University of California Los Angeles UCLA  
Co-Authors: Shanta Robinson, University of Chicago  
SS |
| **Nguyen, Kimberly** | 5:30 PM          | CC-15 |
| Using reporter assays and CRISPR-Cas9 editing to investigate causality of SNPs associated with gene expression in induced pluripotent stem cells | Research Mentor: Yoav Gilad  
Research Institution: University of Chicago  
Home Institution: New York University  
Co-Authors: Yoav Gilad and Kenneth Barr, University of Chicago  
BB |
| **Nociari, Juliana** | 5:30 PM          | CC-12 |
| Kinetic Analysis of Mycobacterium Tuberculosis Proteasome Inhibitors | Research Mentor: Gang Lin  
Research Institution: Weill Cornell Graduate School  
Home Institution: New York University  
Co-Authors: Gang Lin, Wenhui Zhan and Carl Nathan, Weill Cornell Graduate School  
BB |
| **Noor, Mahlaqua**  | 10:15 AM           | CC-11 |
| To Die or Not To Die: Investigating Cytokine-Mediated Cell Death of Intestinal Organoids | Research Mentor: Ken Cadwell  
Research Institution: New York University  
Home Institution: Jacobs University Bremen  
Co-Authors: Jessica Neil, Yu Matsuzawa-Ishimoto and Ken Cadwell, New York University  
BB |
| **Norman Ing, Nainoa** | 3:15 PM         | CC-22 |
| Total Synthesis of Paecilomycine A | Research Mentor: Steven Townsend  
Research Institution: Vanderbilt University  
Home Institution: Chaminade University of Honolulu  
Co-Authors: Steven Townsend and Johnny Nguyen, Vanderbilt University  
P5 |
Olais, Jose ........................................................... 5:30 PM, CC-25
Classroom Composition: The Importance of Classroom Engagement and Feelings of Supportiveness in ELL students.
Research Mentor: Sara Rimm-Kaufam
Research Institution: University of Virginia
Home Institution: Northern Arizona University
Co-Authors: Sara Rimm-Kaufman and Ashley Hunt, University of Virginia

Otergo Gonzalez, Estrella ....................... 3:00 PM, CC-11
T-Cell-Based Immunotherapy in Brain Tumors
Research Mentor: Yi Fan
Research Institution: University of Pennsylvania
Home Institution: UPR-Rio Piedras
Co-Authors: Yi Fan and Yanling Wang, University of Pennsylvania

Olivieri, Joseph ................................. 11:30 AM, CC-27
Typhoid Fever Vaccination in the Early 20th Century American Military
Research Mentor: Robert Aronowitz
Research Institution: University of Pennsylvania
Home Institution: San Diego State University
Co-Authors: Robert Aronowitz and Sara Ray, University of Pennsylvania

Pacheco, Marguerite ...................... 3:15 PM, CC-16
Cardiomyocyte Mechanotransduction Pathway Response to Dynamic Stimulation
Research Mentor: Kenneth Margulies
Research Institution: University of Pennsylvania
Home Institution: Smith College
Co-Authors: Kenneth Margulies and Alexia Vite, University of Pennsylvania

Omar, Javier .......................... 3:30 PM, CC-24
Examination of Physiological Measures of Stress in a Healthy Cohort
Research Mentor: Michael Platt
Research Institution: University of Pennsylvania
Home Institution: Emory University
Co-Authors: Arjun Ramakrishnan and Michael Platt, University of Pennsylvania

Paniccia, Gabrielle ....................... 3:45 PM, CC-13
Investigating the role of S-adenosylmethionine synthetase enzyme in growth and sexual differentiation of malaria parasites
Research Mentor: Björn Kafsack
Research Institution: Weill Cornell Graduate School
Home Institution: SUNY Stony Brook
Co-Authors: Chantal Harris and Björn Kafsack, Weill Cornell Graduate School

Ortega, Yohaniz ...................... 11:45 AM, CC-12
Uncovering Molecular Mechanism Underlying Pontocerebellar Hypoplasia
Research Mentor: Naïara Aquizu
Research Institution: Johns Hopkins University
Home Institution: UPR-Humacao
Co-Authors: Marco Flores and Naïara Aquizu, University of Pennsylvania

Paramo, Carlos .......................... 12:15 PM, CC-27
Competition and Innovation: Drug Discovery in the Pharmaceutical Industry
Research Mentor: Gaurab Aryal
Research Institution: University of Virginia
Home Institution: UC Berkeley
Co-Authors: Gaurab Aryal and Katya Khmelinskaya, University of Virginia

Ortega de la Campa, Melanie ...... 2:45 PM, CC-17
Impact of the Host Metabolism on Bacterial Antibiotic Responses
Research Mentor: Peter Belenky
Research Institution: Brown University
Home Institution: UPR-Rio Piedras
Co-Authors: Peter Belenky and Jenna Wurster, Brown University

Patterson, Samuel .......................... 10:00 AM, CC-23
Evaluating The Effect of the District Primary Education Program On Indian Education
Research Mentor: Emmerich Davies
Research Institution: Harvard University
Home Institution: University of Maryland, Baltimore County
Co-Authors: Emmerich Davies, Fernanda Ramirez-Espinoza, Francisco Lagos and Sophie Litschwartz, Harvard University

Otero Gonzalez, Estrella ................... 3:00 PM, CC-11
T-Cell-Based Immunotherapy in Brain Tumors
Research Mentor: Yi Fan
Research Institution: University of Pennsylvania
Home Institution: UPR-Rio Piedras
Co-Authors: Yi Fan and Yanling Wang, University of Pennsylvania

Otesa-Boaman, Karen ...................... 2:45 PM, CC-14
Synthetic Transcription Factors to Alter DNA Methyltransferase 3 Beta Expression Levels
Research Mentor: Garrett Kaas
Research Institution: Vanderbilt University
Home Institution: Xavier University of Louisiana
Co-Authors: Garrett Kaas and David Sweatt, Vanderbilt University

Parker, Sarah .......................... 10:15 AM, CC-23
Conservative Philanthropy and Higher Education: The Role of the Philanthropy Roundtable
Research Mentor: Timmons Roberts
Research Institution: Brown University
Home Institution: University of Central Florida
Co-Authors: J. Timmons Roberts and Robert Brulle, Brown University

Omar, Javier .......................... 3:30 PM, CC-24
Examination of Physiological Measures of Stress in a Healthy Cohort
Research Mentor: Michael Platt
Research Institution: University of Pennsylvania
Home Institution: Emory University
Co-Authors: Arjun Ramakrishnan and Michael Platt, University of Pennsylvania

Paniccia, Gabrielle ....................... 3:45 PM, CC-13
Investigating the role of S-adenosylmethionine synthetase enzyme in growth and sexual differentiation of malaria parasites
Research Mentor: Björn Kafsack
Research Institution: Weill Cornell Graduate School
Home Institution: SUNY Stony Brook
Co-Authors: Chantal Harris and Björn Kafsack, Weill Cornell Graduate School

Ortega de la Campa, Melanie ...... 2:45 PM, CC-17
Impact of the Host Metabolism on Bacterial Antibiotic Responses
Research Mentor: Peter Belenky
Research Institution: Brown University
Home Institution: UPR-Rio Piedras
Co-Authors: Peter Belenky and Jenna Wurster, Brown University

Patterson, Samuel .......................... 10:00 AM, CC-23
Evaluating The Effect of the District Primary Education Program On Indian Education
Research Mentor: Emmerich Davies
Research Institution: Harvard University
Home Institution: University of Maryland, Baltimore County
Co-Authors: Emmerich Davies, Fernanda Ramirez-Espinoza, Francisco Lagos and Sophie Litschwartz, Harvard University

Omar, Javier .............................................. 3:30 PM, CC-24
Examination of Physiological Measures of Stress in a Healthy Cohort
Research Mentor: Michael Platt
Research Institution: University of Pennsylvania
Home Institution: Emory University
Co-Authors: Arjun Ramakrishnan and Michael Platt, University of Pennsylvania

Paniccia, Gabrielle ....................... 3:45 PM, CC-13
Investigating the role of S-adenosylmethionine synthetase enzyme in growth and sexual differentiation of malaria parasites
Research Mentor: Björn Kafsack
Research Institution: Weill Cornell Graduate School
Home Institution: SUNY Stony Brook
Co-Authors: Chantal Harris and Björn Kafsack, Weill Cornell Graduate School

Ortega de la Campa, Melanie ...... 2:45 PM, CC-17
Impact of the Host Metabolism on Bacterial Antibiotic Responses
Research Mentor: Peter Belenky
Research Institution: Brown University
Home Institution: UPR-Rio Piedras
Co-Authors: Peter Belenky and Jenna Wurster, Brown University

Patterson, Samuel .......................... 10:00 AM, CC-23
Evaluating The Effect of the District Primary Education Program On Indian Education
Research Mentor: Emmerich Davies
Research Institution: Harvard University
Home Institution: University of Maryland, Baltimore County
Co-Authors: Emmerich Davies, Fernanda Ramirez-Espinoza, Francisco Lagos and Sophie Litschwartz, Harvard University
Paucar, Yoselin ................................. 12:15 PM, CC-17
Evaluating the Metabolic Function of STAT3 in a Non-Small Cell Lung Cancer Model
Research Mentor: David Levy
Research Institution: New York University
Home Institution: John Jay College of Criminal Justice CUNY
Co-Authors: David Levy and Lara Brambilla, New York University

Pena, Isabel ........................................ 5:30 PM, CC-24
The New O.C.: Race, Space and Immigration in Postsuburban California
Research Mentor: Lisa McGirr
Research Institution: Harvard University
Home Institution: Williams College
Co-Authors: Lisa McGirr, Harvard University

Perez Torres, Melina .............................. 5:45 PM, CC-12
Chronic Pain in Drosophila: Effects on Sleep and Circadian Rhythms
Research Mentor: Amita Sehgal
Research Institution: University of Pennsylvania
Home Institution: UPR-Rio Piedras
Co-Authors: Julie Williams and Amita Sehgal, University of Pennsylvania

Ponce de Leon, Maria Luisa ..................... 4:00 PM, CC-23
The Utility Of Near Shore Sediment Composition As An Indicator Of Coastal Eutrophication And Of Costal Restoration Success Case Study Of Card Sound
Research Mentor: Kathleen Sullivan Sealey
Research Institution: University of Miami
Home Institution: San Jose State University
Co-Authors: Kathleen Sealey, Caitlin Camarena, Krystle Young and Jacob Patus, University of Miami

Posada, Luisa ..................................... 3:45 PM, CC-11
Exosome-mediated crosstalk between tumor cells and lymphatic endothelial cells
Research Mentor: Melody Swartz
Research Institution: University of Chicago
Home Institution: University of Florida
Co-Authors: Lea Maillat, University of Chicago

Posadas, Rebekah ................................. 10:30 AM, CC-12
Long-term effects of neonatal injury on the development of primary afferents
Research Mentor: Gordon Barr
Research Institution: University of Pennsylvania
Home Institution: CSU San Bernardino
Co-Authors: Wenqin Luo and Gordon Barr, University of Pennsylvania

Pruitt, Kimara ..................................... 5:15 PM, CC-21
Protoplanetary Disk Simulation
Research Mentor: Shane Davis
Research Institution: University of Virginia
Home Institution: Spelman College
Co-Authors: Shane Davis, University of Virginia

Qualls, Anita ...................................... 4:00 PM, CC-11
Elucidating the Functional Impact of the p.E1099K Mutation on NSD2 Isoforms in Driving Pediatric Acute Lymphoblastic Leukemia Relapse
Research Mentor: William Carroll
Research Institution: New York University
Home Institution: University of Georgia
Co-Authors: William Carroll and Jason Saliba, New York University

Ramirez, Jennifer ................................. 5:30 PM, CC-23
A comparison of beamforming techniques for biomedical ultrasound
Research Mentor: Kenneth Bader
Research Institution: University of Chicago
Home Institution: UPR-Mayaguez
Co-Authors: Kenneth Bader and Samuel Hendley, University of Chicago

Ramos-Jordan, Katerina ......................... 5:45 PM, CC-24
Hungry to Belong: Rethinking the Puerto Rican Body Within the Streets of El Barrio
Research Mentor: Leticia Alvarado
Research Institution: Brown University
Home Institution: UPR-Rio Piedras
Co-Authors: Leticia Alvarado, Brown University

Ranjbaran, Ali ..................................... 12:15 PM, CC-15
Gene Expression Analysis of Acute Myeloid Leukemia
Research Mentor: Aris Tsirigos
Research Institution: New York University
Home Institution: West Virginia University
Co-Authors: Aristotelis Tsirigos and Alireza Khodadadi-Jamayran, New York University

Reese, Asia ......................................... 2:45 PM, CC-27
Gazing at Moonlight: An Analysis of Black Queer Representation and Spectatorship in Moonlight
Research Mentor: Natalie Strobach
Research Institution: Johns Hopkins University
Home Institution: Spelman College
Co-Authors: Natalie Strobach, Johns Hopkins University
Renald, Savanha .............................. 11:45 AM, CC-27
“I can’t Breathe”: How the Prison Industrial Complex
Contributes to Toxic Air Pollution
Research Mentor: Omar McRoberts
Research Institution: University of Chicago
Home Institution: University of Florida
Co-Authors: Omar McRoberts, University of Chicago

Rex, Madison ............................... 11:30 AM, CC-16
Effects of Evi1 expression on cell of origin-specific responses of
AML cells to treatment
Research Mentor: Sheng Cai
Research Institution: Weill Cornell Medical College
Home Institution: University of Texas at Austin
Co-Authors: Sheng Cai and Ross Levine, Weill Cornell
Medical College

Reyes Gallegos, Elizabeth .............. 11:15 AM, CC-12
Is Boldness a Predictor of Anti-predatory Behavior in Barn
Swallows?
Research Mentor: Angela Medina-Garcia
Research Institution: University of Colorado Boulder
Home Institution: CSU Monterey Bay
Co-Authors: Angela Medina-Garcia and Rebecca Safran,
University of Colorado Boulder

Riley, Ciairra ................................. 3:00 PM, CC-14
Characterization of the Protein-RNA Interactions that
Nucleate the HIV-1 Virus Assembly
Research Mentor: Michael Summers
Research Institution: University of Maryland, Baltimore
County
Home Institution: CSU Long Beach
Co-Authors: Michael Summers and Pengfei Ding, University
of Maryland, Baltimore County

Rivera-Fuentes, Nicole .................... 3:45 PM, CC-12
Role Of Akt Signaling In Regulation Of Fiber Type Switch In
Skeletal Muscle
Research Mentor: Paul Titchenell
Research Institution: University of Pennsylvania
Home Institution: UPR-Rio Piedras
Co-Authors: Paul Titchenell and Natasha Jaiswal, University
of Pennsylvania

Roach, Tiffany ............................... 5:15 PM, CC-14
Analysis of Global Changes in Brain Histone Post-Translation
Modifications Following Rat THC Self-Administration
Research Mentor: Elizabeth Heller
Research Institution: University of Pennsylvania
Home Institution: Stockton University
Co-Authors: Ajinkya Sase, Benjamin Garcia and Elizabeth
Heller, University of Pennsylvania

Robbins, Charles ............................ 11:45 AM, CC-16
Drug Resistance and Cell Death Mechanisms of Nonquiescent
“Idling” Population State in BRAF-Mutated Melanoma
Research Mentor: Vito Quaranta
Research Institution: Vanderbilt University
Home Institution: Florida State University
Co-Authors: Vito Quaranta, Corey Hayford and Bishal Paudel,
Vanderbilt University

Robertson, Victoria ....................... 12:00 PM, CC-27
Black Sanity: Understanding Mental Health Diagnoses Post-
Emancipation
Research Mentor: Natalie Strobach
Research Institution: Johns Hopkins University
Home Institution: Dillard University
Co-Authors: Natalie Strobach, Johns Hopkins University

Robusto, Brian ............................... 12:00 PM, CC-16
Keap1 Mutation Leads to Immunosuppression via Metabolic
Interaction in Kras Driven Non-Small Cell Lung Cancer
Research Mentor: Thales Papagiannakopoulos
Research Institution: New York University
Home Institution: University of Florida
Co-Authors: Thales Papagiannakopoulos, Anastasia-Maria
Zavitsanou, Ray Pillai and Sergei Koralov, New York
University

Rodríguez, Eric .................. 4:00 PM, CC-12
Understanding Mechanisms of CARD19-Dependent Cell
Death
Research Mentor: Igor Brodsky
Research Institution: University of Pennsylvania
Home Institution: UPR-Ponce
Co-Authors: Elisabet Bjaanes and Igor Brodsky, University of
Pennsylvania

Rodríguez-Villafañe, Andrea ......... 3:00 PM, CC-17
Evaluation of the Anti-parasitic Effect of P. falciparum Specific
Murine Antibodies In Vitro
Research Mentor: Jonathan Kurtis
Research Institution: Brown University
Home Institution: UPR-Rio Piedras
Co-Authors: Alok Das Mohapatra, Anup Jnawali, Dipak Raj
and Jonathan Kurtis, Brown University

Roebke, Gwendalynn ...................... 12:15 PM, CC-22
Propagation of Light through Turbid Media
Research Mentor: Rafael Piestun
Research Institution: University of Colorado Boulder
Home Institution: University of Colorado Boulder
Co-Authors: Rafael Piestun, University of Colorado Boulder

Roehr, Gabrielle ............................................ 9:45 AM, CC-26
Rebuilding Rome: Power, Propaganda, and the Past in the Age of Augustus
  Research Mentor: Michael Peachin
  Research Institution: New York University
  Home Institution: New York University
  Co-Authors: Michael Peachin, New York University
HU

Rosado-González, Gabriela................................. 2:45 PM, CC-12
Rapid Production of Bispecific Antibody for T-cell Recruitment to EGFR Tumor Hallmark.
  Research Mentor: Andrew Tsourkas
  Research Institution: University of Pennsylvania
  Home Institution: UPR-Rio Piedras
  Co-Authors: Andrew Tsourkas, University of Pennsylvania
AB

Rosario, Derick ............................................ 12:30 PM, CC-17
Mechanisms and Consequences of Epithelial-Mesenchymal Plasticity in Pancreatic Cancer
  Research Mentor: Ben Stanger
  Research Institution: University of Pennsylvania
  Home Institution: UPR-Rio Piedras
  Co-Authors: Ben Stanger and Robert Norgard, University of Pennsylvania
BB

Rosen, Mikaela ............................................ 12:15 PM, CC-13
Single-Cell RNA-Seq Data Analysis of Dendritic Cells in Mice and Humans
  Research Mentor: Christina Leslie
  Research Institution: Weill Cornell Graduate School
  Home Institution: University of Richmond
  Co-Authors: Christina Leslie, Han Yuan and Yuri Pritykin, Weill Cornell Graduate School
AB

Ross, Charles ............................................. 3:00 PM, CC-27
Blaxploitation in 21st Century Collegiate Athletics: An Analysis of the Effects of Controlling Images on Black Male Division I Student-Athletes
  Research Mentor: Josh Whitford
  Research Institution: Columbia University
  Home Institution: Allegheny College
  Co-Authors: Josh Whitford, Columbia University
SS

Rosell-Eddy, Diana ...................................... 12:30 PM, CC-23
Development of UV-Visible and Photoluminescence Spectrometers and their Applications to Energy-Related Materials
  Research Mentor: Markus Raschke
  Research Institution: University of Colorado Boulder
  Home Institution: Front Range Community College
  Co-Authors: Markus Raschke and Jun Nishida, University of Colorado Boulder
PS

Rubin, Jeremy ............................................. 12:30 PM, CC-22
Letting the LaxKAT Out of the Bag: Packaging, Simulation, and Neuroimaging Data Analysis for a Powerful Kernel Test
  Research Mentor: Russell Shinohara
  Research Institution: University of Pennsylvania
  Home Institution: University of Maryland, Baltimore County
  Co-Authors: Russell Shinohara, Simon Vankaliar, Lior Rennert and Mackenzie Edmondson, University of Pennsylvania
PS

Rudic, Tamara ............................................. 12:15 PM, CC-21
Energy transport on a cloudy planet
  Research Mentor: Tiffany Shaw
  Research Institution: University of Chicago
  Home Institution: Brown University
  Co-Authors: Tiffany Shaw, University of Chicago
ES

Ruiz Garcia, Janeth .................................... 9:45 AM, CC-27
Metates: Life and Death in Mesoamerican Civilizations
  Research Mentor: Adriana Greci Green
  Research Institution: University of Virginia
  Home Institution: University of Texas Permian Basin
  Co-Authors: Adriana Greci Green, University of Virginia
HU

Salim, Jamila ........................................... 12:30 PM, CC-26
Spatial Toys: Perceptions and Implications of Caregiver Preferences
  Research Mentor: Jamie Jirout
  Research Institution: University of Virginia
  Home Institution: Syracuse University
  Co-Authors: Jamie Jirout and Sierra Eisen, University of Virginia
SS

Salimjonova, Dildora .................................. 5:00 PM, CC-25
Machine Translation: An Algorithm for a Culture
  Research Mentor: Natalie Strobach
  Research Institution: Johns Hopkins University
  Home Institution: University of Maryland, Baltimore County
  Co-Authors: Natalie Strobach, Johns Hopkins University
HU

Samples, Anneliese .................................... 12:15 PM, CC-24
Level of Relationship Impacting Racism Confrontation
  Research Mentor: Sophie Trawalter
  Research Institution: University of Virginia
  Home Institution: North Carolina Central University
  Co-Authors: Sophie Trawalter and Hyeonjin Bak, University of Virginia
SS

Sanchez, Alexandra ................................. 11:45 AM, CC-25
Opinions on Display: A Case Study on Curators’ Responses to Fetishism in Museums in Charlottesville
  Research Mentor: Gertrude Fraser
  Research Institution: University of Virginia
  Home Institution: Berry College
  Co-Authors: Gertrude Fraser, University of Virginia
SS
Sanchez, David 3:15 PM, CC-11
Investigating Clear Cell Renal Cell Carcinoma Viability in Response to Glutathione Synthesis Inhibition and Chemotherapeutics
Research Mentor: Simon Celeste
Research Institution: University of Pennsylvania
Home Institution: University of Texas at San Antonio
Co-Authors: Nicolas Skuli, Simone Celeste and Ankita Bansal, University of Pennsylvania

Segura, Roberto 5:30 PM, CC-14
PTH (1-34) Modulates CRTC2/3 Nuclear Localization in the Osteoblast through PP1/PP2A Signalling
Research Mentor: Nicola Partridge
Research Institution: New York University
Home Institution: San Francisco State University
Co-Authors: Nicola C. Partridge, New York University

Santiago Garcia, Angel 4:45 PM, CC-22
Improving earthquake relocation to find faults in Nicaragua
Research Mentor: Karen Fischer
Research Institution: Brown University
Home Institution: UPR-Arecibo
Co-Authors: Karen Fischer and Isabella Gama, Brown University

Santos, Daniella 4:00 PM, CC-13
Expression and Purification of MSP-7, MSP-9 and CG4 in E. coli for P. falciparum Malaria Vaccine Development
Research Mentor: Jonathan Kurtis
Research Institution: Brown University
Home Institution: UPR-Rio Piedras
Co-Authors: Sunthorn Pond-Tor, Sovanny Pond-Tor and Jonathan Kurtis, Brown University

Sarcone, Camila 5:45 PM, CC-15
Investigating the Role of the PolyC Binding Proteins in Maintaining Pancreatic Beta Cell Identity
Research Mentor: Doris Stoffers
Research Institution: University of Pennsylvania
Home Institution: Florida International University
Co-Authors: Doris A. Stoffers, Matthew W. Haemmerle, Austin L. Good and Stephen A. Liebhaber, University of Pennsylvania

Sepulveda, Renato 4:45 PM, CC-25
“SOS” Struggle, oppression, survival A look into the vicious cycle holding American communities captive
Research Mentor: Michael Smith
Research Institution: University of Virginia
Home Institution: Heritage University
Co-Authors: Michael Joseph Smith, University of Virginia

Saslawsky, Ariella 11:45 AM, CC-14
Stochastic vs Deterministic Modeling: Does It Matter Which You Choose?
Research Mentor: Carlos Lopez
Research Institution: Vanderbilt University
Home Institution: University of Central Florida
Co-Authors: Carlos Lopez, Alexander Lubbock and Geena Ildefonso, Vanderbilt University

Shaw, Marlisa 11:45 AM, CC-11
Identifying and Localizing Novel Genes in Zebrafish Spinal Cord Controlling Locomotion
Research Mentor: Jeremy Dasen
Research Institution: New York University
Home Institution: Pennsylvania State University
Co-Authors: Kristen D’Elia, Basak Rosti, Paula Cruz-Vazquez, David Schoppik and Jeremy Dasen, New York University

Shin, Sarah 4:45 PM, CC-16
Notch/Wnt Signaling Crosstalk Regulates Skeletal Stem/Progenitor Cell Behavior During Early Fracture Healing
Research Mentor: Philipp Leucht
Research Institution: New York University
Home Institution: University of Missouri-Kansas City
Co-Authors: Sooyeon Lee and Philipp Leucht, New York University

Sidel, Hunter 3:00 PM, CC-25
Silence in Sexology: Race, Nationalism and the Unnatural in German Empire c. 1884 - 1918
Research Mentor: Zeb Tortorici
Research Institution: New York University
Home Institution: Pitzer College
Co-Authors: Zeb Tortorici, New York University

Segura, Roberto 5:30 PM, CC-14
PTH (1-34) Modulates CRTC2/3 Nuclear Localization in the Osteoblast through PP1/PP2A Signalling
Research Mentor: Nicola Partridge
Research Institution: New York University
Home Institution: San Francisco State University
Co-Authors: Nicola C. Partridge, New York University

Santos, Daniella 4:00 PM, CC-13
Expression and Purification of MSP-7, MSP-9 and CG4 in E. coli for P. falciparum Malaria Vaccine Development
Research Mentor: Jonathan Kurtis
Research Institution: Brown University
Home Institution: UPR-Rio Piedras
Co-Authors: Sunthorn Pond-Tor, Sovanny Pond-Tor and Jonathan Kurtis, Brown University

Sarcone, Camila 5:45 PM, CC-15
Investigating the Role of the PolyC Binding Proteins in Maintaining Pancreatic Beta Cell Identity
Research Mentor: Doris Stoffers
Research Institution: University of Pennsylvania
Home Institution: Florida International University
Co-Authors: Doris A. Stoffers, Matthew W. Haemmerle, Austin L. Good and Stephen A. Liebhaber, University of Pennsylvania

Shaw, Marlisa 11:45 AM, CC-11
Identifying and Localizing Novel Genes in Zebrafish Spinal Cord Controlling Locomotion
Research Mentor: Jeremy Dasen
Research Institution: New York University
Home Institution: Pennsylvania State University
Co-Authors: Kristen D’Elia, Basak Rosti, Paula Cruz-Vazquez, David Schoppik and Jeremy Dasen, New York University

Shin, Sarah 4:45 PM, CC-16
Notch/Wnt Signaling Crosstalk Regulates Skeletal Stem/Progenitor Cell Behavior During Early Fracture Healing
Research Mentor: Philipp Leucht
Research Institution: New York University
Home Institution: University of Missouri-Kansas City
Co-Authors: Sooyeon Lee and Philipp Leucht, New York University

Sidel, Hunter 3:00 PM, CC-25
Silence in Sexology: Race, Nationalism and the Unnatural in German Empire c. 1884 - 1918
Research Mentor: Zeb Tortorici
Research Institution: New York University
Home Institution: Pitzer College
Co-Authors: Zeb Tortorici, New York University

SS
25 YEARS: A Celebration of Success | 37
Slayday, Riki ................................. 12:30 PM, CC-24
Motivational shifts in information seeking behaviors across the life span
Research Mentor: Laura Carstensen
Research Institution: Stanford University
Home Institution: San Diego State University
Co-Authors: Laura Carstensen and Yochai Shavit, Stanford University

Smith, Andrykah ............................. 5:15 PM, CC-25
An Exploration of the Relationship Between Teacher Burnout and Students' Behavioral Engagement
Research Mentor: Khara Turnbull
Research Institution: University of Virginia
Home Institution: North Carolina State University
Co-Authors: Khara Turnbull and Sarah Wymer, University of Virginia

Smith, Jamila ................................. 5:00 PM, CC-22
Exploring the Potential of n-Alkanes in Leaf Waxes as a Proxy for Climate in the Tropical Andes
Research Mentor: Lina Pérez-Angel
Research Institution: SUNY College at Fredonia
Home Institution: University of Colorado Boulder
Co-Authors: Lina Pérez-Angel and Julio Sepúlveda, University of Colorado Boulder

Sobande, Oluwasemilore ..................... 11:15 AM, CC-25
Mapping the Archive: Literary Approaches to Slavery and the Abj ect
Research Mentor: Abosede George
Research Institution: Columbia University
Home Institution: Stanford University
Co-Authors: Abosede George, Columbia University

Soriano, Denise .............................. 9:30 AM, CC-13
Marijuana Legalization and Racial-Ethnic Disparities in Incarceration Rates from 2000-2015
Research Mentor: Terry-Ann Craigie
Research Institution: Brown University
Home Institution: DePaul University
Co-Authors: Terry-Ann Craigie, Brown University

Swann, Isaiah ............................... 12:00 PM, CC-12
Transcriptionally-Regulated Genes Direct Gap Junction Specificity in the Motor Circuit of C. elegans
Research Mentor: Sierra Palumbos
Research Institution: Vanderbilt University
Home Institution: University of Texas at Dallas
Co-Authors: Sierra Palumbos, Rebecca McWhirter and David Miller III, Vanderbilt University

Tavares, Agustin ............................. 12:00 PM, CC-11
Comparison of the morphology of different hippocampal neuron types using tissue clearing, imaging, and reconstruction
Research Mentor: Jayeeta Basu
Research Institution: New York University
Home Institution: University of Miami
Co-Authors: Jayeeta Basu and Olesia Bilash, New York University

Thang, Daniel ................................. 4:00 PM, CC-26
Aesthetic Shadow: Repression in Confessions of a Mask
Research Mentor: Natalie Strobach
Research Institution: Johns Hopkins University
Home Institution: Community College of Baltimore County
Co-Authors: Natalie Strobach, Johns Hopkins University

Thompson, Elizabeth ....................... 11:15 AM, CC-17
Mechanisms of SOX2 Regulation in Squamous Cell Carcinoma
Research Mentor: Markus Schober
Research Institution: New York University
Home Institution: University of Wisconsin Madison
Co-Authors: Markus Schober and Steven Hoang-Phou, New York University

Tirado, Brian ................................. 5:45 PM, CC-14
The Effect of a Human LNK Polymorphism on Erythropoietin Receptor Signal Transduction
Research Mentor: Meenakshi Madhur
Research Institution: Vanderbilt University
Home Institution: Mercer University
Co-Authors: Meenakshi Madhur and Matthew Alexander, Vanderbilt University

Torres, Jeremy ............................... 3:30 PM, CC-22
Effects Of Ozone On The Photochemical And Photophysical Properties Of Dissolved Organic Matter
Research Mentor: Fernando Rosario-Ortiz
Research Institution: University of Colorado Boulder
Home Institution: UPR-Mayaguez
Co-Authors: Frank Leresche and Fernando Rosario-Ortiz, University of Colorado Boulder
Tracey, Matthew ............................................ 3:45 PM, CC-15
Identifying how the Integrator Complex Regulates RNA Polymerase II Transcripts
Research Mentor: Jeremy Wilusz
Research Institution: Pennsylvania State University
Home Institution: University of Pennsylvania
Co-Authors: Deirdre Tatomer and Jeremy Wilusz, University of Pennsylvania

Trinh, Kevin .................................................. 5:15 PM, CC-22
Measuring Rayleigh Wave Phase Velocity in the Antarctic Upper Mantle from Ambient Seismic Noise
Research Mentor: Colleen Dalton
Research Institution: Brown University
Home Institution: Bowdoin College
Co-Authors: Zhitu Ma and Colleen Dalton, Brown University

Trovato, Daniel .............................................. 5:30 PM, CC-26
Criminology: The Impossibility of Rehabilitation in Genet’s A Thief’s Journal.
Research Mentor: Natalie Strobach
Research Institution: Johns Hopkins University
Home Institution: Community College of Baltimore County
Co-Authors: Natalie Strobach, Johns Hopkins University

Twumasi-Ankrah, Nana Afia ............................ 12:30 PM, CC-13
Using Bioinformatics to Characterize the Genomic Attributes of Neisseria Gonnorrhoeae Strain FA1090 and Its Genetically Modified Derivatives.
Research Mentor: Alison Criss
Research Institution: University of Virginia
Home Institution: Virginia Commonwealth University
Co-Authors: Alison Criss, University of Virginia

Sofia-Uzsoy, Ana ............................................ 12:30 PM, CC-21
The radius and mass distribution of ultra-short period planets
Research Mentor: Leslie Rogers
Research Institution: University of Chicago
Home Institution: North Carolina State University
Co-Authors: Leslie Rogers, University of Chicago

Valdés-Valderrama, Andrea ......................... 5:15 PM, CC-26
Boricua en la Luna: Examining the Borderland Between Puerto Rico and the United States Through Literature
Research Mentor: Steven Gregory
Research Institution: Columbia University
Home Institution: UPR-Mayaguez
Co-Authors: Steven Gregory, Columbia University

Valentine, Aneesa .......................................... 3:15 PM, CC-17
The infectivity of IBD patient-isolated gut mycobiota species.
Research Mentor: Iliyan Iliev
Research Institution: Weill Cornell Graduate School
Home Institution: Brooklyn College CUNY
Co-Authors: Iliyan Iliev, Weill Cornell Graduate School

Van, Destiny ............................................... 4:00 PM, CC-15
Biomarkers of Sleep-Loss Vulnerability and Total Sleep Deprivation by Metabolomics
Research Mentor: Aalim Weljie
Research Institution: University of Pennsylvania
Home Institution: Spelman College
Co-Authors: Arjun Sengupta and Aalim Weljie, University of Pennsylvania

Vargas-Rivera, Maria ................................. 3:45 PM, CC-22
Cation Responsive Catalysis for the Synthesis of Biodegradable Polymers
Research Mentor: Jerome Robinson
Research Institution: Brown University
Home Institution: UPR-Aguadilla
Co-Authors: Jerome Robinson and Kerry Casey, Brown University

Vazquez Marrero, Victor ................................. 5:45 PM, CC-11
Detection of the bacterial type III secretion system by the human NAIP/NLRC4 inflammasome
Research Mentor: Sunny Shin
Research Institution: University of Pennsylvania
Home Institution: UPR-Rio Piedras
Co-Authors: Sunny Shin and Valeria Reyes, University of Pennsylvania

Vides, Christina ........................................... 5:30 PM, CC-21
Modeling the Sensitivity of Exoplanet Coronagraphic Imaging Methods to a Continuous Wave Laser Source: an OIRSETI Experiment
Research Mentor: Bruce Macintosh
Research Institution: Stanford University
Home Institution: California State Polytechnic University, Pomona
Co-Authors: Bruce Macintosh and Jean-Baptiste Ruffio, Stanford University

Vish, Kimberly ............................................ 4:00 PM, CC-14
Structural and Functional Studies of the E. coli Potassium Pump KdpFABC
Research Mentor: David Stokes
Research Institution: New York University
Home Institution: Siena College
Co-Authors: Marie Sweet and David Stokes, New York University
Voitiv, Andrew .................................................. 4:00 PM, CC-22
Ti:Sapphire laser construction for characterization of thermoplasmonic nanotips
Research Mentor: Markus Raschke
Research Institution: University of Colorado Boulder
Home Institution: University of Denver
Co-Authors: Fabian Menges and Markus Raschke, University of Colorado Boulder
PS

Wacker, Amanda .............................................. 3:30 PM, CC-16
Molecular Mechanisms Underlying Regression of Exercise-Induced Cardiac Hypertrophy
Research Mentor: Leslie Leinwand
Research Institution: University of Colorado Boulder
Home Institution: Florida State University
Co-Authors: Leslie Leinwand, University of Colorado Boulder
BB

Walley, Vanetta ........................................... 10:30 AM, CC-11
PP2A Regulatory Subunit Mutations that Increase Plant Size
Research Mentor: Alison DeLong
Research Institution: Brown University
Home Institution: Tougaloo College
Co-Authors: Alison DeLong, Brown University
BB

Walters-Marrah, George ......................... 4:45 PM, CC-17
Atomic Structure of Allosteric Inhibitors Bound to the HIV Integrase Catalytic Core Domain
Research Mentor: Kushol Gupta
Research Institution: University of Pennsylvania
Home Institution: University of Central Florida
Co-Authors: Kushol Gupta, Benjamin Mathier and David Nguyen, University of Pennsylvania
BB

Warsco, Alia .................................................. 11:45 AM, CC-26
Bein’ Lum: Language as a Legitimizing Force for an Illegitimate People
Research Mentor: Laurel MacKenzie
Research Institution: New York University
Home Institution: New York University
Co-Authors: Laurel MacKenzie, New York University
HU

Washington, Jamar ....................................... 10:45 AM, CC-11
Investigating The Roles of Myosin19 And Miro In Regulating F-Actin And The Mitochondrial Network
Research Mentor: Erika Holzbaur
Research Institution: University of Pennsylvania
Home Institution: University of Richmond
Co-Authors: Erika Holzbaur-Howland, Andrew Moore and Stephen Coscia, University of Pennsylvania
BB

Weingart, Alexander .............................. 11:30 AM, CC-17
Phenotyping of the Airway Epithelium In Search For Subpopulation Of Cells Conferring Long Term Risk For Developing Lung Cancer
Research Mentor: Pierre Massion
Research Institution: Vanderbilt University
Home Institution: University of Vermont
Co-Authors: Pierre P. Massion, Maria-Fernanda Senosain, Jonathan M. Lehman and Jamshed S. Rahman, Vanderbilt University
AB

White, Jira ............................................... 12:15 PM, CC-12
The Use of Double Mutant C. Elegans Strains in Uncovering Gene Redundancies in Glial Mediated Circuit Formation
Research Mentor: Shai Shaham
Research Institution: Weill Cornell Medical College
Home Institution: Claflin University
Co-Authors: Georgia Rapti and Shai Shaham, Weill Cornell Medical College
BB

Whitmore, Myles ....................................... 10:15 AM, CC-13
Comparative Analysis of National Security in the United States, Canada and Russia
Research Mentor: Michael Smith
Research Institution: University of Virginia
Home Institution: Morehouse College
Co-Authors: Michael Smith, University of Virginia
PE

Whitten, Conner ......................................... 3:00 PM, CC-24
Characterizing Neuronal Activation in the Ventral Hippocampus During Social Stimuli in Prairie Voles
Research Mentor: Zoe Donaldson
Research Institution: University of Colorado Boulder
Home Institution: CSU San Marcos
Co-Authors: Jayme Temple and Zoe Donaldson, University of Colorado Boulder
SS

Williams, Marcus ..................................... 9:00 AM, CC-12
Benzannulated Spiroketal Synthesis Via Exo-Glycal Scandium-triflate Mediated Spirocyclization Approach
Research Mentor: Jessica Hurtak
Research Institution: Weill Cornell Medical College
Home Institution: Fort Lewis College
Co-Authors: Jessica Hurtak and Derek Tan, Weill Cornell Graduate School
BB

Williams, Marta ......................................... 12:30 PM, CC-12
The Missing Link: How Insulin Enhances Dopamine Release
Research Mentor: Margaret Rice
Research Institution: New York University
Home Institution: Luther College
Co-Authors: Margaret Rice and Jyoti Patel, New York University
BB
Williamson, Victoria .......................... 3:15 PM, CC-24
The Role of the VLPFC in Modulating Intergroup Spite: A tDCS Study
  Research Mentor: Mina Cikara
  Research Institution: Harvard University
  Home Institution: University of Florida
  Co-Authors: Mina Cikara and William Moore, Harvard University
SS

Wilson, Alexis ................................. 5:30 PM, CC-22
Examining the Relationship Between Sediment Grain Size and Toxic Arsenic Levels in the Ganges-Brahmaputra Delta in Bangladesh
  Research Mentor: Steven Goodbred
  Research Institution: Vanderbilt University
  Home Institution: Cornell University
  Co-Authors: Steven L. Goodbred and Jessica Raff, Vanderbilt University
ES

Wiratan, Linda ................................. 9:15 AM, CC-12
mRNA Transport between Mouse and Human Cells
  Research Mentor: Craig Hunter
  Research Institution: Harvard University
  Home Institution: University of Maryland, Baltimore County
  Co-Authors: Craig Hunter and Andrey Shubin, Harvard University
BB

Woodward, Helen ............................. 5:00 PM, CC-17
Determination of the extracellular T cell receptor-CD3 complex structure
  Research Mentor: Aswin Natarajan
  Research Institution: New York University
  Home Institution: Gettysburg College
  Co-Authors: Aswin Natarajan, Joshua Gutierrez and Michelle Krogsgaard, New York University
BB

Join now!
Re-connect Give back
Leadership Alliance Connect
leadershipalliancealumni.org
<table>
<thead>
<tr>
<th>Poster Number</th>
<th>Presenter Name</th>
<th>Program</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Kenya Alfaro</td>
<td>AB</td>
<td>Sonic Hedgehog is mechanosensitive and regulates the proliferation and differentiation of cartilage-resident mesenchymal stem cells in osteoarthritis patients</td>
</tr>
<tr>
<td>2</td>
<td>Myles Bartholomew</td>
<td>AB</td>
<td>The Contribution of SHP-1 Signaling to Sepsis-Induced Changes In Not Only Immune Cell Function, but Overall Survival</td>
</tr>
<tr>
<td>3</td>
<td>Avni Bhalgat</td>
<td>AB</td>
<td>Overcoming Chemotherapeutic Resistance in Pancreatic Cancer</td>
</tr>
<tr>
<td>4</td>
<td>Kwadwo Bonsu</td>
<td>AB</td>
<td>Modulation of Pre-Senescent Fibroblasts via Physical Cues and Senescence-Associated Secretory Phenotype Paracrine Signaling</td>
</tr>
<tr>
<td>5</td>
<td>Brenden Bratton</td>
<td>AB</td>
<td>The role of cfDNA in Aspiration Associated Lung Allograft Injury</td>
</tr>
<tr>
<td>6</td>
<td>Hamadi Brewer</td>
<td>AB</td>
<td>Maternal Immune Activation of the Corticosteriod Circuit in Rodents</td>
</tr>
<tr>
<td>7</td>
<td>Jingjia Chen</td>
<td>AB</td>
<td>Battling the Flu: Playing Tetris On A Molecular Level</td>
</tr>
<tr>
<td>8</td>
<td>Chazman Childers</td>
<td>AB</td>
<td>Identification of Pharmacomimetics of Flow-Mediated Endothelial Atheroprotection</td>
</tr>
<tr>
<td>9</td>
<td>Pablo Coello</td>
<td>AB</td>
<td>A Novel Platform Engineered for the Characterization and Interrogation of Gene Signaling Pathways Associated with Atherosclerosis</td>
</tr>
<tr>
<td>10</td>
<td>Laura Diaz</td>
<td>AB</td>
<td>Identifying the Localization of the GFP-tagged Manganese Transporter Slc30a10 in Mice Tissue</td>
</tr>
<tr>
<td>11</td>
<td>Lauren English</td>
<td>AB</td>
<td>The Role of Prdm16 in Ventral Telencephalon Progenitors in the Development of the Cholinergic System</td>
</tr>
<tr>
<td>12</td>
<td>Ambre Flowers</td>
<td>AB</td>
<td>Communication's Role in the Misclassification of Neonatal Deaths and Stillbirths Communication's Role in the Misclassification of Neonatal Deaths and Stillbirths</td>
</tr>
<tr>
<td>13</td>
<td>Synphane Gibbs</td>
<td>AB</td>
<td>Enhancing Therapeutic Efficacy of Platinum Based Drugs By Pharmacologically Inhibiting Poly (ADP-ribose) Polymerase In Ovarian Cancer</td>
</tr>
<tr>
<td>14</td>
<td>Iyani Kelly</td>
<td>AB</td>
<td>Identifying PI3K-C2a as a Biomarker for Sensitivity to Paclitaxel in Pancreatic Cancer</td>
</tr>
<tr>
<td>15</td>
<td>Myshal Morris</td>
<td>AB</td>
<td>Identifying New EGFR Driver Mutations In Non Small Cell Lung Cancer</td>
</tr>
<tr>
<td>16</td>
<td>Jenny Nguyen</td>
<td>AB</td>
<td>Angiotensin-Converting Enzyme 2 Modulates Innate Immune Response to Bacterial Lung Infection</td>
</tr>
<tr>
<td>17</td>
<td>Guillermo Pereda</td>
<td>AB</td>
<td>Role of Angiotensin Type I Receptor (AT1R) in Losartan (ARB) Modulation of Transforming Growth Factor-Beta Signaling</td>
</tr>
<tr>
<td>18</td>
<td>Nicole Reinhold-Larsson</td>
<td>AB</td>
<td>Transcervical infection of Chlamydia muridarum elicits a more robust immune response in mice than intravaginal infection</td>
</tr>
<tr>
<td>19</td>
<td>Brenna Remick</td>
<td>AB</td>
<td>Combining Immune Checkpoint Blockade with CAR T-cell Therapy</td>
</tr>
</tbody>
</table>

AB = Applied Biosciences
BB = Basic Biosciences
EN = Engineering
ES = Earth Science
HU = Humanities
PE = Policy & Ethics
PS = Physical Science
SS = Social Science
<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Program</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td>Joel Reyes</td>
<td>AB</td>
<td>Spatial and developmental mapping of choroid plexus macrophages in a maternal immune activation (MIA) model</td>
</tr>
<tr>
<td>21</td>
<td>Olivia Ringham</td>
<td>AB</td>
<td>Using human ileal enteroids to study impaired intestinal integrity induced by C. parvum infection</td>
</tr>
<tr>
<td>22</td>
<td>Maya Rowell</td>
<td>AB</td>
<td>Discovery of Receptor-Downregulating Antibodies for Cancer Immunotherapy</td>
</tr>
<tr>
<td>23</td>
<td>Alec Seidenberg</td>
<td>AB</td>
<td>The effects of early life stress on development of circuitry underlying reward processing and depression</td>
</tr>
<tr>
<td>24</td>
<td>Chloe Adrienna Talana</td>
<td>AB</td>
<td>Exploring The Potential For a Synergistic Activation of NK Cells by IL15 and IFNa For The Control of HIV</td>
</tr>
<tr>
<td>25</td>
<td>Willie Tobias</td>
<td>AB</td>
<td>An Integrin-Driven Basis for the Neutrophilic Response to Candida</td>
</tr>
<tr>
<td>26</td>
<td>Elijah Wilkerson</td>
<td>AB</td>
<td>Heterogeneity of Aspergillus spores to macrophage- mediated killing</td>
</tr>
<tr>
<td>27</td>
<td>Oluwaseun Adegbite</td>
<td>BB</td>
<td>Efficient Induction of Resistance Genes is Important for Bacterial Survival Under Transient Drug Conditions</td>
</tr>
<tr>
<td>28</td>
<td>Tonuza Ahmed</td>
<td>BB</td>
<td>The effect of CGRP 8-37 viral vector on reducing pain caused by spinal cord injury</td>
</tr>
<tr>
<td>29</td>
<td>Rakim Ali</td>
<td>BB</td>
<td>Studying Co-translational Protein Folding In Vivo Using An Arrest Peptide</td>
</tr>
<tr>
<td>30</td>
<td>Felix Badillo</td>
<td>BB</td>
<td>Identification of Novel Ras Protein Heterodimerization Using a FRET Assay Approach</td>
</tr>
<tr>
<td>31</td>
<td>Sharimar Báez Mercado</td>
<td>BB</td>
<td>The function of tyrosine hydroxylase producing beta cells in the pancreatic islet.</td>
</tr>
<tr>
<td>32</td>
<td>Summer Blanco</td>
<td>BB</td>
<td>Pollen Magnetofection: Developing a Novel Transformation Technique in Aquilegia coerulea (Columbine)</td>
</tr>
<tr>
<td>33</td>
<td>Kyle Boulanger</td>
<td>BB</td>
<td>Labeling of Glial Progenitors With Zirconium-DFO Complexes for Cell Tracking Using PET</td>
</tr>
<tr>
<td>34</td>
<td>Laura Briggs</td>
<td>BB</td>
<td>Developing methods to identify RNA-binding inhibitors of reverse transcription</td>
</tr>
<tr>
<td>35</td>
<td>Brandon Brown</td>
<td>BB</td>
<td>The Fight Against Nosocomial Strains of Pseudomonas Aeruginosa through quantifying Aggregates and Biofilms</td>
</tr>
<tr>
<td>36</td>
<td>Elaine Camacho-Hernandez</td>
<td>BB</td>
<td>Investigating the Effect of WNT on the Activity of K-RasG12D and K-RasG13D Mutations in Colon Epithelial Organoids</td>
</tr>
<tr>
<td>37</td>
<td>Matilde Castro</td>
<td>BB</td>
<td>Effects of CRMP2 Deletion on Spatial Working Memory</td>
</tr>
<tr>
<td>38</td>
<td>LeslieAnn Charles</td>
<td>BB</td>
<td>Regulation of Lysis Genes by RNA Polymerase-Binding Antiterminators</td>
</tr>
<tr>
<td>39</td>
<td>Claire Charpentier</td>
<td>BB</td>
<td>Sonic-Gli Pathway Mediates Neuron-Astrocyte Crosstalk in the Postnatal Mouse Cortex</td>
</tr>
<tr>
<td>40</td>
<td>Annie Chen</td>
<td>BB</td>
<td>miRNA-34c expression in female brain regions as a mediator of the transgenerational effects of stress phenotypes using fluorescent in situ hybridization (FISH)</td>
</tr>
<tr>
<td>41</td>
<td>Alyssa Clayton</td>
<td>BB</td>
<td>Effects of Rab11 WT Overexpression on Primary Endothelial Cell Function</td>
</tr>
<tr>
<td>42</td>
<td>Dezmond Cole</td>
<td>BB</td>
<td>Investigating the Assembly Mechanisms of the MORC-1 Chromatin Factor by Protein Kinase CK2</td>
</tr>
<tr>
<td>43</td>
<td>Adrianne Corseri</td>
<td>BB</td>
<td>Testing the interactions between nociceptors and macrophages using co-cultures</td>
</tr>
<tr>
<td>Number</td>
<td>Name</td>
<td>Subject</td>
<td>Title</td>
</tr>
<tr>
<td>--------</td>
<td>--------------------</td>
<td>-----------</td>
<td>---------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>44</td>
<td>Anthony Cort</td>
<td>BB</td>
<td>Specific Antibody Modulation of Innate Immune Sensing</td>
</tr>
<tr>
<td>45</td>
<td>Carolina Dasta Cruz</td>
<td>BB</td>
<td>Development of Hydrocephalus in KATNAL2 Knockout Mice Model</td>
</tr>
<tr>
<td>46</td>
<td>Rodrigo De La Torre</td>
<td>BB</td>
<td>Characterizing ALS pathology through C. elegans knock-in models</td>
</tr>
<tr>
<td>47</td>
<td>Tania Dominguez</td>
<td>BB</td>
<td>Imaging Behavior of Zebrafish Larvae Exposed to Diazepam (Valium) Using a 96-Well Plate Assay</td>
</tr>
<tr>
<td>48</td>
<td>Don Eaford</td>
<td>BB</td>
<td>Linking Phosphorylation Of Synaptonemal Complex Proteins With Accurate Chromosome Segregation During Meiosis</td>
</tr>
<tr>
<td>49</td>
<td>Lindsay Ejoh</td>
<td>BB</td>
<td>Analysis of the Role of UBXN1 in Aggresome Formation and Clearance of Disease Aggregates</td>
</tr>
<tr>
<td>50</td>
<td>Marcelo Francia</td>
<td>BB</td>
<td>Mechanisms of Neuronal Excitation/Inhibition Balance Disruption in a Mouse Model for Autism</td>
</tr>
<tr>
<td>51</td>
<td>Darryl Hill</td>
<td>BB</td>
<td>Targeting the Oncogenic Transcription Factor STAT3 as a Potential Novel Cancer Therapy</td>
</tr>
<tr>
<td>52</td>
<td>Alexia Johnson</td>
<td>BB</td>
<td>The role of central spindle formation on the viability of Caenorhabditis elegans</td>
</tr>
<tr>
<td>53</td>
<td>Isaac Lee</td>
<td>BB</td>
<td>cAMP: a molecular readout of time for Drosophila melanogaster mating</td>
</tr>
<tr>
<td>54</td>
<td>Christian Lopez</td>
<td>BB</td>
<td>Understanding the Phenotypical Behavior of Phase-Separated Droplets Heterozygous for ALS-Associated FUS Mutations</td>
</tr>
<tr>
<td>55</td>
<td>Tatiana Mamani</td>
<td>BB</td>
<td>Bacteriophage: Does the Enrichment Process Influence Characteristics of Phages Isolated?</td>
</tr>
<tr>
<td>56</td>
<td>Aislinn Mayfield</td>
<td>BB</td>
<td>The Role of microRNA in Activity-Dependent Synaptic Morphogenesis</td>
</tr>
<tr>
<td>57</td>
<td>Andrew Muñoz</td>
<td>BB</td>
<td>Protein Fold Switch in High-Identity Sequence Space?</td>
</tr>
<tr>
<td>58</td>
<td>Andrew Palacios</td>
<td>BB</td>
<td>The Effect Of Over-Expression Of An Engineered RAD18 Variant On Repair Outcomes At CRISPR/Cas9 Induced Double Stranded Breaks</td>
</tr>
<tr>
<td>59</td>
<td>Sharon Parkins</td>
<td>BB</td>
<td>Investigating Sympathetic Satellite Glial Cells’ Contribution to a Blood-Nerve Barrier</td>
</tr>
<tr>
<td>60</td>
<td>Michaela Reyes</td>
<td>BB</td>
<td>Finding the Achilles Heel of Tumors Driven by Dysregulated Ras Signaling</td>
</tr>
<tr>
<td>61</td>
<td>Karla Reyes Aguirre</td>
<td>BB</td>
<td>Gene Editing for Dermal Cells In Vivo</td>
</tr>
<tr>
<td>62</td>
<td>Alma Rivera</td>
<td>BB</td>
<td>Dynamics of Type III Secretion System YopE-SycE interactions in live Yersinia enterocolitica</td>
</tr>
<tr>
<td>63</td>
<td>Carlos Rivera-López</td>
<td>BB</td>
<td>Uncovering Subcellular Localization and Substrate Specificity of the TPR domain of O-GlcNAc Transferase</td>
</tr>
<tr>
<td>64</td>
<td>Carlan Romney</td>
<td>BB</td>
<td>Using CRISPR-Mediated Mutagenesis To Analyze Phospho-Regulation Of Ethylene Synthesis In Arabidopsis thaliana</td>
</tr>
<tr>
<td>65</td>
<td>Rio Salazar</td>
<td>BB</td>
<td>Determining the role of H3K56A in histone segregation and cell phenotype in the Drosophila male germline</td>
</tr>
<tr>
<td>66</td>
<td>Simon Sanchez</td>
<td>BB</td>
<td>Overexpression of Fur1 in Glia cells leads to affects in behavior of Drosophila</td>
</tr>
<tr>
<td>67</td>
<td>Uriah Sanders</td>
<td>BB</td>
<td>Investigation of the temporal and spatial expression of a candidate gene regulating stem cell proliferation in Aquilegia flowers.</td>
</tr>
<tr>
<td>68</td>
<td>Danae Sanders</td>
<td>BB</td>
<td>Analyzing the Effects of Aberrant Light Exposure on Gene Expression in the Suprachiasmatic Nucleus</td>
</tr>
<tr>
<td>Page</td>
<td>Name</td>
<td>Field</td>
<td>Title</td>
</tr>
<tr>
<td>------</td>
<td>--------------------</td>
<td>-------</td>
<td>----------------------------------------------------------------------</td>
</tr>
<tr>
<td>69</td>
<td>Agnele Sewa</td>
<td>BB</td>
<td>Structural and Functional Characterization of Nramp-Family Metal Transporters</td>
</tr>
<tr>
<td>70</td>
<td>Danielle Siddons</td>
<td>BB</td>
<td>The Role of Perineuronal Nets in Cross Modal Plasticity</td>
</tr>
<tr>
<td>71</td>
<td>Sebastian Somolinos</td>
<td>BB</td>
<td>In Vitro Characterization of Transcription Factor Binding to a DNA Library of Nucleosome Core Particles</td>
</tr>
<tr>
<td>72</td>
<td>Zikora Stephens</td>
<td>BB</td>
<td>Murine Cytomegalovirus: Determining the Importance of Poly A Signal Clusters for M112-113 Gene Expression</td>
</tr>
<tr>
<td>73</td>
<td>Della Syau</td>
<td>BB</td>
<td>Functional correlation between the sodium-potassium ATPase and the sodium-potassium-chloride cotransporter in choroid plexus water secretion</td>
</tr>
<tr>
<td>74</td>
<td>Mahima Thapa</td>
<td>BB</td>
<td>High Performance Pharmacokinetic Simulations For Drug Discovery: Efficiently Searching For Potent and Easily Absorbed Drug Candidate</td>
</tr>
<tr>
<td>75</td>
<td>Emre Tkacik</td>
<td>BB</td>
<td>Isolating Key Components of the Peroxisome Matrix Protein Import Pathway</td>
</tr>
<tr>
<td>76</td>
<td>Brandon Trejo</td>
<td>BB</td>
<td>Optimizing Fluorescent Calcium Sensors for Imaging Neuronal Activity in C. elegans Response to Odors</td>
</tr>
<tr>
<td>77</td>
<td>Makayla Turner</td>
<td>BB</td>
<td>RNA Modifications Affecting Translation Efficiency of Global Regulators in E. Coli</td>
</tr>
<tr>
<td>78</td>
<td>Juan Velazquez Matos</td>
<td>BB</td>
<td>Investigating the role of ezh1 during zebrafish developmental hematopoiesis</td>
</tr>
<tr>
<td>79</td>
<td>Essence Vinson</td>
<td>BB</td>
<td>Identifying neuronal populations in the zebrafish interpeduncular nucleus</td>
</tr>
<tr>
<td>80</td>
<td>Ian Vogel</td>
<td>BB</td>
<td>In Search of Regulatory Elements: Optimization of Screening Throughput for rAAV Enhancers</td>
</tr>
<tr>
<td>81</td>
<td>Mikayla Watt</td>
<td>BB</td>
<td>Understanding the Cis- and Trans-Regulation of the Sex Gene Determination Switch Sex Lethal in the Drosophila melanogaster Germline</td>
</tr>
<tr>
<td>82</td>
<td>Hastings Williams</td>
<td>BB</td>
<td>IRE1 and the Unfolded Protein Response in Tomatoes</td>
</tr>
<tr>
<td>83</td>
<td>Jessica Yamauchi</td>
<td>BB</td>
<td>Characterizing the Novel Zebrafish Trr^168N Scoliosis Mutant</td>
</tr>
<tr>
<td>84</td>
<td>Timothy Bernard</td>
<td>EN</td>
<td>Investigating the Utility of Bimanual Wrist Squeezing Cutaneous Feedback in Robotic Surgery Training</td>
</tr>
<tr>
<td>85</td>
<td>Gregory Berumen</td>
<td>EN</td>
<td>Investigating Alternative Substrate Specificity In Natural and Engineered Idiotyrosine Deiodinase Variants</td>
</tr>
<tr>
<td>86</td>
<td>Anne Rojona Feliciano</td>
<td>EN</td>
<td>Software application development and acoustic validation of an open-air hearing screening tool</td>
</tr>
<tr>
<td>87</td>
<td>David Gonzalez-Medrano</td>
<td>EN</td>
<td>Synthesis of Multicomponent Transition Metal Oxalates and Oxides: Probing Phase Homogeneity of Energy Storage Precursors</td>
</tr>
<tr>
<td>88</td>
<td>Rodney Hawkins</td>
<td>EN</td>
<td>Impact On Flooding In Coastal Cities</td>
</tr>
<tr>
<td>89</td>
<td>Dorcas Lawal</td>
<td>EN</td>
<td>Influence of Acid and Base Concentration on the Photocatalytic Behavior of Nafion-Metal Oxide Nanocomposites</td>
</tr>
<tr>
<td>92</td>
<td>Coleman Tolliver</td>
<td>EN</td>
<td>Direct Print Additive Manufacturing of Optical Fiber Interconnects</td>
</tr>
<tr>
<td>93</td>
<td>Karen Vazquez</td>
<td>EN</td>
<td>Linking the Gaps: Optimizing Public Transit Systems in Baltimore to Improve Food Equity</td>
</tr>
</tbody>
</table>

**AB** = Applied Biosciences  
**BB** = Basic Biosciences  
**EN** = Engineering  
**ES** = Earth Science  
**HU** = Humanities  
**PE** = Policy & Ethics  
**PS** = Physical Science  
**SS** = Social Science
<table>
<thead>
<tr>
<th>Number</th>
<th>Name</th>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>94</td>
<td>Raven Schwam-Curtis</td>
<td>HU</td>
<td>Black Women and the Anagrammer of Criminality</td>
</tr>
<tr>
<td>95</td>
<td>Sydne Hunter</td>
<td>PE</td>
<td>Comparative Analysis of the Sami Context Across National Borders</td>
</tr>
<tr>
<td>96</td>
<td>Fermin Arraiza Truust</td>
<td>PS</td>
<td>Diagram Algebra</td>
</tr>
<tr>
<td>97</td>
<td>Abigail Boyette</td>
<td>PS</td>
<td>Quantum Physics: Cluster Entanglement</td>
</tr>
<tr>
<td>98</td>
<td>Carson Cole</td>
<td>PS</td>
<td>Filtering Chemical and Reaction Space</td>
</tr>
<tr>
<td>99</td>
<td>Kristina Crawley</td>
<td>PS</td>
<td>Numerical simulations and black holes</td>
</tr>
<tr>
<td>100</td>
<td>Dylan Cruz Fonseca</td>
<td>PS</td>
<td>Diagram Algebra</td>
</tr>
<tr>
<td>101</td>
<td>Mischa Ellison</td>
<td>PS</td>
<td>Room-Temperature Electrochemical Reduction of Nitrogen to Ammonia</td>
</tr>
<tr>
<td>102</td>
<td>Christopher Fladd</td>
<td>PS</td>
<td>Test Software for the A.L.M.A. Cartridge Bias Modules</td>
</tr>
<tr>
<td>103</td>
<td>Omar Gonzalez-Barreto</td>
<td>PS</td>
<td>Graphical Visualization Of Measurement Based Quantum Computing</td>
</tr>
<tr>
<td>104</td>
<td>Karan Goyal</td>
<td>PS</td>
<td>Functionalizing the C-2 Position of Imidazole to Create a Library of Diverse Analogs</td>
</tr>
<tr>
<td>105</td>
<td>Gianna Haskin</td>
<td>PS</td>
<td>Manipulating media &amp; culture composition to maximize the long term viability of lymph node slices</td>
</tr>
<tr>
<td>106</td>
<td>Karim Jassim</td>
<td>PS</td>
<td>Characterization of solar simulator irradiance for diagnostics of increased photo-generated current of pn-junction solar cells</td>
</tr>
<tr>
<td>107</td>
<td>Rachit Kumar</td>
<td>PS</td>
<td>Multimodal Alternating Kernel Method for Auditory Cortex Segmentation</td>
</tr>
<tr>
<td>108</td>
<td>Jonnathan Marin</td>
<td>PS</td>
<td>Develop Hydrogen-bonded Molecular Motifs For The Construction Of Elastic Polymeric Crystals</td>
</tr>
<tr>
<td>109</td>
<td>Mathiu Perez Rodriguez</td>
<td>PS</td>
<td>Identification and Characterization of Cysteine Proteases Regulating Nedd8 Cleavage</td>
</tr>
<tr>
<td>110</td>
<td>Andres Ramos</td>
<td>PS</td>
<td>Diagram Algebra</td>
</tr>
<tr>
<td>111</td>
<td>Dem Santiago</td>
<td>PS</td>
<td>Electrocatalytic for Oxygen Evolution Reaction for Energy Conversion and Storage</td>
</tr>
<tr>
<td>112</td>
<td>Clara Alvarez Caraveo</td>
<td>SS</td>
<td>Poverty Trends for Foreign-born Hispanic Immigrants by Country of Origin</td>
</tr>
<tr>
<td>113</td>
<td>Kendall Clark</td>
<td>SS</td>
<td>Two Savannahs: Race and the Political Economy of a Southern Tourist City</td>
</tr>
<tr>
<td>114</td>
<td>Annabelle Flores</td>
<td>SS</td>
<td>Do individual differences in incentive salience attribution reflect differences in reward representation?</td>
</tr>
<tr>
<td>115</td>
<td>Alexis Jones</td>
<td>SS</td>
<td>Testing the role of low threshold potassium channels in song learning using CRISPR.</td>
</tr>
<tr>
<td>116</td>
<td>Jennifer Magana</td>
<td>SS</td>
<td>“You’ve been where? With who?...”: The Relationship Between Parental Monitoring and Amount of Free Time on GPA</td>
</tr>
<tr>
<td>117</td>
<td>Sacha McElligott</td>
<td>SS</td>
<td>The role of saccadic eye movements in visual perception</td>
</tr>
<tr>
<td>118</td>
<td>Hannah Pearson</td>
<td>SS</td>
<td>Imagine That: The Impact Of Episodic Simulation On Intergroup Empathy</td>
</tr>
<tr>
<td>119</td>
<td>Jordyn Ricard</td>
<td>SS</td>
<td>Trauma, psychopathology, and suicide</td>
</tr>
<tr>
<td>120</td>
<td>Efrain Rodriguez-Sierra</td>
<td>SS</td>
<td>Evaluating Components of Bicultural Identity of Puerto Ricans and Other Latin Americans Living in the United States</td>
</tr>
<tr>
<td>121</td>
<td>Sara Near</td>
<td>AB</td>
<td>BMP4 and its Role in Epilepsy</td>
</tr>
<tr>
<td>122</td>
<td>Terry Henry</td>
<td>AB</td>
<td>Macrophage Nonmuscle Myosin IIA is Required for IL-1B expression and Atherosclerotic Calcification</td>
</tr>
</tbody>
</table>

AB = Applied Biosciences  
BB = Basic Biosciences  
EN = Engineering  
ES = Earth Science  
HU = Humanities  
PE = Policy & Ethics  
PS = Physical Science  
SS = Social Science
Adegbite, Oluwaseun ............................................................ 27
Efficient Induction of Resistance Genes is Important for Bacterial Survival Under Transient Drug Conditions
Research Mentor: Daniel Schultz
Research Institution: Dartmouth College
Home Institution: UC Irvine
Co-Authors: Daniel Schultz, Dartmouth College

Ahmed, T onuza ............................................................................. 28
The effect of CGRP 8-37 viral vector on reducing pain caused by spinal cord injury
Research Mentor: Jacqueline Sagen
Research Institution: University of Miami
Home Institution: Farmingdale State College
Co-Authors: Stanislava Jergova and Jacqueline Sagen, University of Miami

Alfaro, Kenya ................................................................................... 1
Research Mentor: Qian Chen
Research Institution: Brown University
Home Institution: CSU Long Beach
Co-Authors: Meng Feng and Qian Chen, Brown University

Ali, Rakim .......................................................................................... 29
Studying Co-translational Protein Folding In Vivo Using An Arrest Peptide
Research Mentor: Christian Kaiser
Research Institution: Johns Hopkins University
Home Institution: University of West Alabama
Co-Authors: Christian Kaiser and Xiuqi Chen, Johns Hopkins University

Alvarez Caraveo, Clara ........................................................ 112
Poverty Trends for Foreign-born Hispanic Immigrants by Country of Origin
Research Mentor: Michael White
Research Institution: Brown University
Home Institution: Cornell University
Co-Authors: Michael White, Brown University

Arria Ctuust, Fermin ................................................................. 96
Diagram Algebra
Research Mentor: Rosa Orellana
Research Institution: Dartmouth College
Home Institution: UPR-Rio Piedras
Co-Authors: Andres Ramos and Dylan Cruz, Dartmouth College

Badillo, Felix ................................................................. 30
Identification of Novel Ras Protein Heterodimerization Using a FRET Assay Approach
Research Mentor: Hening Lin
Research Institution: Cornell University
Home Institution: UPR-Aguadilla
Co-Authors: Hening Lin and Seth Miller, Cornell University

Báez Mercado, Sharimar ....................................................... 31
The function of tyrosine hydroxylase producing beta cells in the pancreatic islet.
Research Mentor: Alejandro Caicedo
Research Institution: University of Miami
Home Institution: Universidad Interamericana de Puerto Rico, Ponce
Co-Authors: Alejandro Caicedo, University of Miami

Bartholomew, Myles .......................................................... 2
The Contribution of SHP-1 Signaling to Sepsis-Induced Changes In Not Only Immune Cell Function, but Overall Survival
Research Mentor: Alfred Ayala
Research Institution: Brown University
Home Institution: Xavier University of Louisiana
Co-Authors: Alfred Ayala, Chun-Shiang Chung, Yaping Chen and Chyna Gray, Brown University

Bernard, Timothy ............................................................... 84
Investigating the Utility of Bimanual Wrist Squeezing Cutaneous Feedback in Robotic Surgery Training
Research Mentor: Jeremy Brown
Research Institution: Johns Hopkins University
Home Institution: University of Maryland, Baltimore County
Co-Authors: Eric Cao, Johns Hopkins University; Katherine J. Kuchenbecker, University of Pennsylvania; Jeremy D. Brown, Johns Hopkins University
Berumen, Gregory
Investigating Alternative Substrate Specificity In Natural and Engineered Iodotyrosine Deiodinase Variants
Research Mentor: Steven Rokita
Research Institution: Johns Hopkins University
Home Institution: Tufts University
Co-Authors: Zuodong Sun, Steven Rokita, Shourya Sonkar, Roy Burman and Jeffrey Gray, Johns Hopkins University

Bhalgat, Avni
Overcoming Chemotherapeutic Resistance in Pancreatic Cancer
Research Mentor: Senthil Muthuswamy
Research Institution: Harvard University
Home Institution: Purdue University
Co-Authors: Arindam Bose, Ling Huang and Senthil Muthuswamy, Harvard University Div. of Medical Sciences

Blanco, Summer
Pollen Magnetofection: Developing a Novel Transformation Technique in Aquilegia coerulea (Columbine)
Research Mentor: Elena Kramer
Research Institution: Harvard University
Home Institution: California State Polytechnic University, Pomona
Co-Authors: Stephanie Conway and Elena Kramer, Harvard University

Bonsu, Kwadwo
Modulation of Pre-Senescent Fibroblasts via Physical Cues and Senescence-Associated Secretory Phenotype Paracrine Signaling
Research Mentor: Konstantinos Konstantopoulos
Research Institution: Johns Hopkins University
Home Institution: University of Maryland, Baltimore County
Co-Authors: Konstantinos Konstantopoulos and Christina Hum, Johns Hopkins University

Boulanger, Kyle
Labeling of Glial Progenitors With Zirconium-DFO Complexes for Cell Tracking Using PET
Research Mentor: Miroslaw Janowski
Research Institution: Johns Hopkins University
Home Institution: Grand View University
Co-Authors: Rohit Srivastava and Miroslaw Janowski, Johns Hopkins University

Boyette, Abigail
Quantum Physics: Cluster Entanglement
Research Mentor: Olivier Pfister
Research Institution: University of Virginia
Home Institution: University of Virginia
Co-Authors: Olivier Pfister, University of Virginia

Bratton, Brenden
The role of cfDNA in Aspiration Associated Lung Allograft Injury
Research Mentor: Pali Shah
Research Institution: Johns Hopkins University
Home Institution: SUNY at Buffalo
Co-Authors: Pali Shah, Johns Hopkins University

Brewer, Hamadi
Maternal Immune Activation of the Corticostriatal Circuit in Rodents
Research Mentor: Wilder Doucette
Research Institution: Dartmouth College
Home Institution: Morehouse College
Co-Authors: Wilder Doucette, Dartmouth College

Briggs, Laura
Developing methods to identify RNA-binding inhibitors of reverse transcription
Research Mentor: Victoria D'Souza
Research Institution: Harvard University
Home Institution: Emory University
Co-Authors: Kate Godin and Victoria D'Souza, Harvard University

Brown, Brandon
The Fight Against Nosocomial Strains of Pseudomonas Aeruginosa through quantifying Aggregates and Biofilms
Research Mentor: Brent Berwin
Research Institution: Dartmouth College
Home Institution: Morehouse College
Co-Authors: Sally Demirdjian, Hector F Sanchez and Brent Berwin, Dartmouth College

Camacho-Hernandez, Elaine
Investigating the Effect of WNT on the Activity of K-RasG12D and K-RasG13D Mutations in Colon Epithelial Organoids
Research Mentor: Kevin Haigis
Research Institution: Harvard University
Home Institution: UPR-Ponce
Co-Authors: Yi-Jang Lin and Kevin Haigis, Harvard University Div. of Medical Sciences

Castro, Matilde
Effects of CRMP2 Deletion on Spatial Working Memory
Research Mentor: Richard Huganir
Research Institution: Johns Hopkins University
Home Institution: University of Texas at Austin
Co-Authors: Alexei Bygrave and Richard Huganir, Johns Hopkins University

Charles, LeslieAnn
Regulation of Lysis Genes by RNA Polymerase-Binding Antiterminators
Research Mentor: Jennifer Pena
Research Institution: Harvard University
Home Institution: Fayetteville State University
Co-Authors: Jennifer Pena and Simon Dove, Harvard University Div. of Medical Sciences
Charpentier, Claire .............................................. 39
Sonic-Gli Pathway Mediates Neuron-Astrocyte Crosstalk in the Postnatal Mouse Cortex
Research Mentor: Corey Harwell
Research Institution: Harvard University
Home Institution: Franklin and Marshall College
Co-Authors: Yajun Xie and Corey Harwell, Harvard University
Div. of Medical Sciences

Chen, Annie .......................................................... 40
miRNA-34c expression in female brain regions as a mediator of the transgenerational effects of stress phenotypes using fluorescent in situ hybridization (FISH)
Research Mentor: Larry Feig
Research Institution: Tufts University
Home Institution: Simmons College
Co-Authors: David Dickson and Larry Feig, Tufts University

Chen, Jingjia .......................................................... 7
Battling the Flu: Playing Tetris On A Molecular Level
Research Mentor: Dennis Koester
Research Institution: Novartis Institutes for BioMedical Research
Home Institution: Boston College
Co-Authors: Dennis Koester, Maxime Dauphinais and Sophia Tan, Novartis Institutes for BioMedical Research

Childers, Chazman ............................................... 8
Identification of Pharmacomimetics of Flow-Mediated Endothelial Atheroprotection
Research Mentor: Guillermo Garcia-Cardeña
Research Institution: Harvard University
Home Institution: Florida International University
Co-Authors: Oscar Fajardo Ramirez and Guillermo Garcia-Cardeña, Harvard University Div. of Medical Sciences

Clark, Kendall ...................................................... 113
Two Savannahs: Race and the Political Economy of a Southern Tourist City
Research Mentor: Marion Orr
Research Institution: Brown University
Home Institution: Saint John's University
Co-Authors: Marion Orr, Brown University

Clayton, Alyssa ...................................................... 41
Effects of Rab11 WT Overexpression on Primary Endothelial Cell Function
Research Mentor: Elizabeth Harrington
Research Institution: Brown University
Home Institution: San Diego Mesa College
Co-Authors: Huetran Duong, Eboni Chambers and Elizabeth Harrington, Brown University

Coello, Pablo .......................................................... 9
A Novel Platform Engineered for the Characterization and Interrogation of Gene Signaling Pathways Associated with Atherosclerosis
Research Mentor: Guillermo Garcia-Cardeña
Research Institution: Harvard University
Home Institution: University of Texas at Austin
Co-Authors: Sarvesh Varma and Guillermo Garcia-Cardeña, Harvard University Div. of Medical Sciences

Cole, Carson .......................................................... 98
Filtering Chemical and Reaction Space
Research Mentor: Brenda Rubenstein
Research Institution: Brown University
Home Institution: Weber State University
Co-Authors: Brenda Rubenstein, Brown University

Cole, Dezmond .......................................................... 42
Investigating the Assembly Mechanisms of the MORC-1 Chromatin Factor by Protein Kinase CK2
Research Mentor: John Kim
Research Institution: Johns Hopkins University
Home Institution: University of Montevallo
Co-Authors: Mindy Clark and John Kim, Johns Hopkins University

Corseri, Adrianne .................................................. 43
Testing the interactions between nociceptors and macrophages using co-cultures
Research Mentor: Corey Seehus
Research Institution: Harvard University
Home Institution: City College of New York
Co-Authors: Corey Seehus, Qiuwen Wang and Clifford Woolf, Harvard University Div. of Medical Sciences

Cort, Anthony .......................................................... 44
Specific Antibody Modulation of Innate Immune Sensing
Research Mentor: Andrea Cox
Research Institution: Johns Hopkins University
Home Institution: UC Riverside
Co-Authors: Andrea L. Cox, Laura K. Cohen, Kimberly E. Rousseau, Guido Massaccesi and Michael Chattergoon, Johns Hopkins University

Crawley, Kristina ..................................................... 99
Numerical simulations and black holes
Research Mentor: Shane Davis
Research Institution: University of Virginia
Home Institution: Elizabeth City State University
Co-Authors: Shane Davis, University of Virginia

Cruz Fonseca, Dylan ............................................ 100
Diagram Algebra
Research Mentor: Rosa Orellana
Research Institution: Dartmouth College
Home Institution: UPR-Rio Piedras
Co-Authors: Andres Ramos and Fermin Arriaza, Dartmouth College
**Dasta Cruz, Carolina** ......................................................... 45  
*Development of Hydrocephalus in KATNAL2 Knockout Mice Model*  
Research Mentor: Bryan Luikart  
Research Institution: Dartmouth College  
Home Institution: UPR-Aguadilla  
Co-Authors: Bryan W. Luikart, Dartmouth College

**De La Torre, Rodrigo** .......................................................... 46  
*Characterizing ALS pathology through C. elegans knock-in models*  
Research Mentor: Anne Hart  
Research Institution: Brown University  
Home Institution: New York University  
Co-Authors: Anne Hart and Jeremy Lins, Brown University

**Diaz, Laura** ................................................................. 10  
*Identifying the Localization of the GFP-tagged Manganese Transporter Slc30a10 in Mice Tissue*  
Research Mentor: Thomas Bartnikas  
Research Institution: Brown University  
Home Institution: UPR-Rio Piedras  
Co-Authors: Thomas Bartnikas, Heather Conboy and Courtney Mercadante, Brown University

**Dominguez, Tania** .......................................................... 47  
*Imaging Behavior of Zebrafish Larvae Exposed to Diazepam (Valium) Using a 96-Well Plate Assay*  
Research Mentor: Robbert Creton  
Research Institution: Brown University  
Home Institution: UPR-Rio Piedras  
Co-Authors: Danielle Clift, Robert Thorn, Amanda Dombroski, Jason Sello and Robbert Creton, Brown University

**Eaford, Don** ........................................................................ 48  
*Linking Phosphorylation Of Synaptonemal Complex Proteins With Accurate Chromosome Segregation During Meiosis*  
Research Mentor: Monica Colaiacovo  
Research Institution: Harvard University  
Home Institution: Fayetteville State University  
Co-Authors: Monica Colaiacovo and Saravanapriah Nadarajan, Harvard University Div. of Medical Sciences

**Ellison, Mischa** ................................................................. 101  
*Room-Temperature Electrochemical Reduction of Nitrogen to Ammonia*  
Research Mentor: Zhiyong Zhang  
Research Institution: University of Virginia  
Home Institution: Virginia Commonwealth University  
Co-Authors: Sen Zhang, University of Virginia

**English, Lauren** ................................................................... 11  
*The Role of Prdm16 in Ventral Telencephalon Progenitors in the Development of the Cholinergic System*  
Research Mentor: Miguel Turrero Garcia  
Research Institution: Harvard University  
Home Institution: Pomona College  
Co-Authors: Miguel Turrero Garcia, Diana Tran and Corey Harwell, Harvard University Div. of Medical Sciences

**Rojona Feliciano, Anne** .................................................... 86  
*Software application development and acoustic validation of an open-air hearing screening tool*  
Research Mentor: Tilak Ratnanather  
Research Institution: Johns Hopkins University  
Home Institution: University of Miami  
Co-Authors: Pooja Nair, Jamie Shade, Nicholas Reed, James West and Tilak Ratnanather, Johns Hopkins University

**Fladd, Christopher** ............................................................. 102  
*Test Software for the A.L.M.A. Cartridge Bias Modules*  
Research Mentor: Morgan McLeod  
Research Institution: University of Virginia  
Home Institution: James Madison University  
Co-Authors: Morgan McLeod and John Effland, University of Virginia

**Flores, Annabelle** ............................................................. 114  
*Do individual differences in incentive salience attribution reflect differences in reward representation?*  
Research Mentor: Patricia Janak  
Research Institution: Johns Hopkins University  
Home Institution: Pontifical Catholic University of Puerto Rico  
Co-Authors: Kurt Fraser, Ronald Keiflin and Patricia Janak, Johns Hopkins University

**Flowers, Ambre** ............................................................... 12  
*Communication’s Role in the Misclassification of Neonatal Deaths and Stillbirths: Communication’s Role in the Misclassification of Neonatal Deaths and Stillbirths*  
Research Mentor: Yue Chu  
Research Institution: Johns Hopkins University  
Home Institution: Spelman College  
Co-Authors: Yue Chu, Johns Hopkins University
Francia, Marcelo ........................................................................ 50
Mechanisms of Neuronal Excitation/Inhibition Balance
Disruption in a Mouse Model for Autism
Research Mentor: Alfredo Kirkwood
Research Institution: Johns Hopkins University
Home Institution: UPR-Rio Piedras
Co-Authors: Alfredo Kirkwood, Michelle Bridi and Nancy Luo, Johns Hopkins University

Gibbs, Synphane ................................................................. 13
Enhancing Therapeutic Efficacy of Platinum Based Drugs By
Pharmacologically Inhibiting Poly (ADP-ribose) Polymerase In
Ovarian Cancer
Research Mentor: Michelle Dawson
Research Institution: Brown University
Home Institution: North Carolina A&T State University
Co-Authors: Michelle R. Dawson and Nhat D. Quach, Brown University

Gonzalez-Barreto, Omar ........................................... 103
Graphical Visualization Of Measurement Based Quantum
Computing
Research Mentor: Olivier Pfister
Research Institution: University of Virginia
Home Institution: UPR-Arecibo
Co-Authors: Olivier Pfister and Rajveer Nehra, University of Virginia

Gonzalez-Medrano, David ........................................... 87
Synthesis of Multicomponent Transition Metal Oxalates
and Oxides: Probing Phase Homogeneity of Energy Storage
Precursors
Research Mentor: Gary Koenig
Research Institution: University of Virginia
Home Institution: Old Dominion University
Co-Authors: Gary Koenig, University of Virginia

Goyal, Karan .................................................................. 104
Functionalizing the C-2 Position of Imidazole to Create a
Library of Diverse Analogs
Research Mentor: Xilin Zhou
Research Institution: Novartis Institutes for BioMedical Research
Home Institution: Vanderbilt University
Co-Authors: Xilin Zhou and James Neef, Novartis Institutes for BioMedical Research

Haskin, Gianna ................................................................. 105
Manipulating media & culture composition to maximize the
long term viability of lymph node slices
Research Mentor: Rebecca Pompano
Research Institution: University of Virginia
Home Institution: Xavier University of Louisiana
Co-Authors: Maura Belanger and Rebecca Pompano, University of Virginia

Hawks, Rodney ............................................................. 88
Impact On Flooding In Coastal Cities
Research Mentor: Jon Goodall
Research Institution: University of Virginia
Home Institution: Saint Augustine College
Co-Authors: Jon Goodall, University of Virginia

Henry, Terry ................................................................. 122
Macrophage Nonmuscle Myosin IIA is Required for IL-1B
eexpression and Atherosclerotic Calcification
Research Mentor: Dr. Allan Morrison
Research Institution: Brown University
Home Institution: Oakwood College
Co-Authors: Dr. Allan Morrison, Brown University, Dr. Elizabeth Harrington, Brown University

Hill, Darryl ................................................................. 51
Targeting the Oncogenic Transcription Factor STAT3 as a
Potential Novel Cancer Therapy
Research Mentor: David Frank
Research Institution: Harvard University
Home Institution: Morehouse College
Co-Authors: David Frank and Lisa Heppler, Harvard University Div. of Medical Sciences

Hunter, Sydne .............................................................. 95
Comparative Analysis of the Sami Context Across National
Borders
Research Mentor: Amanda Lynch
Research Institution: Brown University
Home Institution: Stockton University
Co-Authors: Amanda Lynch, Brown University

Jassim, Karim .............................................................. 106
Characterization of solar simulator irradiance for diagnistics
of increased photo-generated current of pn-junction solar cells
Research Mentor: Robert Hyde
Research Institution: University of South Florida
Home Institution: Vanderbilt University
Co-Authors: Robert Hyde and Sarath Witanachchi, University of South Florida

Johnson, Alexia ............................................................ 52
The role of central spindle formation on the viability of Caenorhabditis elegans
Research Mentor: Julie Canman
Research Institution: Columbia University
Home Institution: University of Miami
Co-Authors: Sophia Hirsch and Julie Canman, Columbia University

Jones, Alexis .............................................................. 115
Testing the role of low threshold potassium channels in song
learning using CRISPR
Research Mentor: Daniel Meliza
Research Institution: University of Virginia
Home Institution: Bennett College
Co-Authors: Dan Meliza, University of Virginia
Kelly, Iyani ................................................................. 14
Identifying PI3K-C2a as a Biomarker for Sensitivity to Paclitaxel in Pancreatic Cancer
Research Mentor: Senthil Muthuswamy
Research Institution: Harvard University
Home Institution: Clark Atlanta University
Co-Authors: Senthil Muthuswamy and Bruno Bockorny, Harvard University Div. of Medical Sciences

Kumar, Rachit ............................................................. 107
Multimodal Alternating Kernel Method for Auditory Cortex Segmentation
Research Mentor: Tilak Ratnanather
Research Institution: Johns Hopkins University
Home Institution: Georgia Institute of Technology
Co-Authors: Kwame Kutten, Samuel Bidwell and J. Tilak Ratnanather, Johns Hopkins University

Lawal, Dorcas ............................................................ 89
Influence of Acid and Base Concentration on the Photocatalytic Behavior of Nafion-Metal Oxide Nanocomposites
Research Mentor: James Spicer
Research Institution: Johns Hopkins University
Home Institution: Ohio State University
Co-Authors: Fan Zeng and James Spicer, Johns Hopkins University

Lee, Isaac .................................................................... 53
cAMP: a molecular readout of time for Drosophila melanogaster mating
Research Mentor: Maximilian Pitsch
Research Institution: Harvard University
Home Institution: Yale University
Co-Authors: Maximilian Pitsch, Charlotte Auth, Eliza Smith, Stephen Thornquist and Michael Crickmore, Harvard University

Lopez, Christian ........................................................ 54
Understanding the Phenotypical Behavior of Phase-Separated Droplets Heterozygous for ALS-Associated FUS Mutations
Research Mentor: Kevin Rhine
Research Institution: Johns Hopkins University
Home Institution: University of Dallas
Co-Authors: Sua Myong and Kevin Rhine, Johns Hopkins University

Magana, Jennifer ...................................................... 116
“You’ve been where? With who...”: The Relationship Between Parental Monitoring and Amount of Free Time on GPA
Research Mentor: Noelle Hurd
Research Institution: University of Virginia
Home Institution: University at Albany SUNY
Co-Authors: Noelle Hurd and Andrea Negrete, University of Virginia

Mamani, Tatiana ........................................................ 55
Bacteriophage: Does the Enrichment Process Influence Characteristics of Phages Isolated?
Research Mentor: Joel Schildbach
Research Institution: Johns Hopkins University
Home Institution: Santa Rosa Junior College
Co-Authors: Joel Schildbach and Russell Hughes, Johns Hopkins University

Marin, Jonnathan ....................................................... 108
Develop Hydrogen-bonded Molecular Motifs For The Construction Of Elastic Polymeric Crystals
Research Mentor: Chenfeng Ke
Research Institution: Dartmouth College
Home Institution: Rider University
Co-Authors: Chenfeng Ke and Mingshi Zhang, Dartmouth College

Mayfield, Aislinn ......................................................... 56
The Role of microRNA in Activity-Dependent Synaptic Morphogenesis
Research Mentor: Brandon Woods
Research Institution: Harvard University
Home Institution: Carleton College
Co-Authors: Brandon Woods, Elizabeth McNeil and Davie Van Vactor, Harvard University Div. of Medical Sciences

McElligott, Sacha ....................................................... 117
The role of saccadic eye movements in visual perception
Research Mentor: Michael Paradiso
Research Institution: Brown University
Home Institution: New York University
Co-Authors: Seth Akers-Campbell and Michael Paradiso, Brown University

Morris, Myshal .......................................................... 15
Identifying New EGFR Driver Mutations In Non Small Cell Lung Cancer
Research Mentor: Tikvah Hayes
Research Institution: Harvard University
Home Institution: Langston University
Co-Authors: Tikvah Hayes and Matthew Meyerson, Harvard University Div. of Medical Sciences

Muñoz, Andrew ......................................................... 57
Protein Fold Switch in High-Identity Sequence Space?
Research Mentor: Vincent Hilser
Research Institution: Johns Hopkins University
Home Institution: George Fox University
Co-Authors: Keila Sheetz, Miranda Russo, James O. Wrabl and Vincent J. Hilser, Johns Hopkins University

Muro Barrios, Raymundo ................................. 90
Investigations of impact-induced traumatic brain injury using a mouse model.
Research Mentor: Kaliat T. [KT] Ramesh
Research Institution: Johns Hopkins University
Home Institution: University of Illinois at Urbana-Champaign
Co-Authors: Kaliat T. Ramesh, Vassilis Koliatsos and Sumita Rajpurohit, Johns Hopkins University
Sara Near ................................................................. 121
BMP4 and its Role in Epilepsy
Research Mentor: Judy Liu
Research Institution: Brown University
Biological Sciences
Home Institution: Amherst College
Co Authors: Judy Liu, Felix Chan, Kristin Karpowicz, Kristy Wharton and Adriano Taglietti, Brown University

Nguyen, Jenny .......................................................... 16
Angiotensin-Converting Enzyme 2 Modulates Innate Immune Response to Bacterial Lung Infection
Research Mentor: HongPeng Jia
Research Institution: Johns Hopkins University
Home Institution: University of Pennsylvania
Co-Authors: Hongpengan Jia, Chhinder Sodhi and David Hackam, Johns Hopkins University

Palacios, Andrew ....................................................... 58
The Effect Of Over-Expression Of An Engineered RAD18 Variant On Repair Outcomes At CRISPR/Cas9 Induced Double Stranded Breaks
Research Mentor: Alberto Ciccia
Research Institution: Columbia University
Home Institution: Columbia University
Co-Authors: Tarun Nambiar, Anuj Gupta and Alberto Ciccia, Columbia University

Palmer, Jasmin ........................................................... 91
Design of a Light Delivery System for Visual Servoing of Scissor Locations During Photoacoustic-Guided Liver Surgery
Research Mentor: Muyinatu Bell
Research Institution: Johns Hopkins University
Home Institution: Massachusetts Institute of Technology
Co-Authors: Muyinatu Bell, Johns Hopkins University

Parkins, Sharon .......................................................... 59
Investigating Sympathetic Satellite Glial Cells’ Contribution to a Blood-Nerve Barrier
Research Mentor: Aurelia Mapps
Research Institution: Johns Hopkins University
Home Institution: Oakwood College
Co-Authors: Rejjie Kuruvilla and Aurelia Mapps, Johns Hopkins University

Pearson, Hannah ......................................................... 118
Imagining That: The Impact Of Episodic Simulation On Intergroup Empathy
Research Mentor: Mina Cikara
Research Institution: Harvard University
Home Institution: North Dakota State University
Co-Authors: Mina Cikara, Marius Vollberg and Brendan Gaesser, Harvard University

Pereda, Guillermo ........................................................ 17
Role of Angiotensin Type 1 Receptor (AT1R) in Losartan (ARB) Modulation of Transforming Growth Factor-Beta Signaling
Research Mentor: Enid Neptune
Research Institution: Johns Hopkins University
Home Institution: University of Chicago
Co-Authors: Enid Neptune, Alla Malinina and Sarah Gidner, Johns Hopkins University

Perez Rodriguez, Mathiu ............................................. 109
Identification and Characterization of Cysteine Proteases Regulating Nedd8 Cleavage
Research Mentor: Sara Buhrlage
Research Institution: Harvard University
Home Institution: Johns Hopkins University
Co-Authors: Robert S Magin and Sara Buhrlage, Harvard University Div. of Medical Sciences

Ramos, Andres ............................................................ 110
Diagram Algebra
Research Mentor: Rosa Orellana
Research Institution: Dartmouth College
Home Institution: UPR-Rio Piedras
Co-Authors: Dylan Cruz, Fermín Arraiza and Rosa Orellana, Dartmouth College

Remick-Larsson, Nicole ............................................. 18
Transcervical infection of Chlamydia muridarum elicits a more robust immune response in mice than intravaginal infection
Research Mentor: Michael Starnbach
Research Institution: Johns Hopkins University
Home Institution: Ohio State University
Co-Authors: Jennifer Helble and Michael Starnbach, Harvard University Div. of Medical Sciences

Remick, Brenna ........................................................... 19
Combining Immune Checkpoint Blockade with CAR T-cell Therapy
Research Mentor: Louise Treanor
Research Institution: Novartis Institutes for BioMedical Research
Home Institution: Cornell University
Co-Authors: Louise Treanor, Novartis Institutes for BioMedical Research

Reyes, Joel ................................................................. 20
Spatial and developmental mapping of choroid plexus macrophages in a maternal immune activation (MIA) model
Research Mentor: Maria Lehtinen
Research Institution: Johns Hopkins University
Home Institution: University of Texas at El Paso
Co-Authors: Maria Lehtinen, Jin Cui and Morgan Shannon, Harvard University Div. of Medical Sciences
Reyes, Michaela ................................................................. 60
Finding the Achilles Heel of Tumors Driven by Dysregulated Ras Signaling
Research Mentor: Yolanda Sanchez
Research Institution: Dartmouth College
Home Institution: Barry University
Co-Authors: Yolanda Sanchez, Jewelia Durant and Stephanie Bouley, Dartmouth College

Reyes Aguirre, Karla ............................................................. 61
Gene Editing for Dermal Cells In Vivo
Research Mentor: Ya-Chieh Hsu
Research Institution: Harvard University
Home Institution: Harvard University
Co-Authors: Ya-Chieh Hsu, Meryem Gonzalez, Yulia Shwartz, Michael Florea and Kexian Zhu, Harvard University

Ricard, Jordyn ................................................................. 119
Trauma, psychopathology, and suicide
Research Mentor: Matthew Nock
Research Institution: Harvard University
Home Institution: Northwestern University
Co-Authors: Franchesca Ramirez and Matthew K. Nock, Harvard University

Ringham, Olivia .............................................................. 21
Using human ileal enteroids to study impaired intestinal integrity induced by C. parvum infection
Research Mentor: Honorine Ward
Research Institution: Tufts University
Home Institution: UMass Amherst
Co-Authors: Honorine Ward and Hymlaire Laminere, Tufts University

Rivera, Alma ................................................................. 62
Dynamics of Type III Secretion System YopE-SycE interactions in live Yersinia enterocolitica
Research Mentor: Andreas Gahlmann
Research Institution: University of Virginia
Home Institution: University of Virginia
Co-Authors: Alecia Achimovich and Andreas Gahlmann, University of Virginia

Rivera-López, Carlos ....................................................... 63
Uncovering Subcellular Localization and Substrate Specificity of the TPR domain of O-GlcNAc Transferase
Research Mentor: Christina Woo
Research Institution: Harvard University
Home Institution: UPR-Mayaguez
Co-Authors: Daniel Ramirez and Christina Woo, Harvard University

Rodriguez-Sierra, Efrain .................................................. 120
Evaluating Components of Bicultural Identity of Puerto Ricans and Other Latin Americans Living in the United States
Research Mentor: Elizabeth Losin
Research Institution: University of Miami
Home Institution: UPR-Rio Piedras
Co-Authors: Morgan Gianola, University of Miami; Elizabeth Losin, University of Maryland, Baltimore County

Romney, Carlan ............................................................. 64
Using CRISPR-Mediated Mutagenesis To Analyze Phospho-Regulation Of Ethylene Synthesis In Arabidopsis thaliana
Research Mentor: Alison Delong
Research Institution: Brown University
Home Institution: University of the Virgin Islands
Co-Authors: Alison Delong, Brown University

Rowell, Maya ................................................................. 22
Discovery of Receptor-Downregulating Antibodies for Cancer Immunotherapy
Research Mentor: Jamie Spangler
Research Institution: Johns Hopkins University
Home Institution: New York University
Co-Authors: Jamie Spangler and Seth Ludwig, Johns Hopkins University

Salazar, Rio ................................................................. 65
Determining the role of H3K56A in histone segregation and cell phenotype in the Drosophila male germline
Research Mentor: Xin Chen
Research Institution: Johns Hopkins University
Home Institution: Williams College
Co-Authors: Rio Salazar, Lydia Sohn, Elizabeth Kahney and Xin Chen, Johns Hopkins University

Sanchez, Simon ............................................................. 66
Overexpression of Fur1 in Glia cells leads to affects in behavior of Drosophila
Research Mentor: Caroline Palavincino-Maggio
Research Institution: Harvard University
Home Institution: Saint Mary's University
Co-Authors: Caroline Palavincino-Maggio and Ed Kravitz, Harvard University Div. of Medical Sciences

Sanders, Danae ............................................................. 68
Analyzing the Effects of Aberrant Light Exposure on Gene Expression in the Suprachiasmatic Nucleus
Research Mentor: Haiqing Zhao
Research Institution: Johns Hopkins University
Home Institution: Howard University
Co-Authors: Haiqing Zhao and Michael Thomsen, Johns Hopkins University
Sanders, Uriah .................................................. 67
Investigation of the temporal and spatial expression of a
candidate gene regulating stem cell proliferation in Aquilegia
flowers.
  Research Mentor: Elena Kramer
  Research Institution: Harvard University
  Home Institution: California State Polytechnic University,
Pomona
  Co-Authors: Min Ya and Elena Kramer, Harvard University

Santiago, Dem .................................................. 111
Electrocatalytic for Oxygen Evolution Reaction for Energy
Conversion and Storage
  Research Mentor: Sen Zhang
  Research Institution: University of Virginia
  Home Institution: UPR-Ponce
  Co-Authors: Yulu Zhang and Sen Zhang, University of
  Virginia

Schwam-Curtis, Raven ........................................ 94
Black Women and the Anagrammer of Criminality
  Research Mentor: Marquis Bey
  Research Institution: Cornell University
  Home Institution: Cornell University
  Co-Authors: Raven Ariel Schwam-Curtis, Cornell University

Seidenberg, Alec ............................................. 23
The effects of early life stress on development of circuitry
underlying reward processing and depression
  Research Mentor: Kevin Bath
  Research Institution: Brown University
  Home Institution: Hunter College
  Co-Authors: Meghan Gallo, Haley Goodwill and Kevin Bath,
  Brown University

Sewa, Agnele ............................................... 69
Structural and Functional Characterization of Nramp-Family
Metal Transporters
  Research Mentor: Rachelle Gaudet
  Research Institution: Harvard University
  Home Institution: Brandeis University
  Co-Authors: Rachelle Gaudet and Shamayeeta Ray, Harvard
  University

Siddons, Danielle ........................................... 70
The Role of Perineuronal Nets in Cross Modal Plasticity
  Research Mentor: Hey-Kyoung Lee
  Research Institution: Johns Hopkins University
  Home Institution: Barry University
  Co-Authors: Rinki Saha and Hey-Kyoung Lee, Johns Hopkins
  University

Somolinos, Sebastian ...................................... 71
In Vitro Characterization of Transcription Factor Binding to a
DNA Library of Nucleosome Core Particles
  Research Mentor: Martha Bulyk
  Research Institution: Harvard University
  Home Institution: Southwestern University
  Co-Authors: Luca Mariani and Martha Bulyk, Harvard
  University Div. of. Medical Sciences

Stephens, Zikora ............................................ 72
Murine Cytomegalovirus: Determining the Importance of Poly
A Signal Clusters for M112-113 Gene Expression
  Research Mentor: Dr. Qiyi Tang
  Research Institution: Howard University
  Home Institution: University of Texas at Austin
  Co-Authors: Qiyi Tang, Jiang Kong and Ruth Cruz-Cosme,
  Howard University

Syau, Della ............................................... 73
Functional correlation between the sodium-potassium ATPase
and the sodium-potassium-chloride cotransporter in choroid
plexus water secretion
  Research Mentor: Maria Lehtinen
  Research Institution: Harvard University
  Home Institution: UC San Diego
  Co-Authors: Huixin Xu and Maria K. Lehtinen, Harvard
  University Div. of. Medical Sciences

Talana, Chloe Adrienna ................................. 24
Exploring The Potential For a Synergistic Activation of NK
Cells by IL15 and IFNa For The Control of HIV
  Research Mentor: Joel Blankson
  Research Institution: Johns Hopkins University
  Home Institution: Chaminade University of Honolulu
  Co-Authors: Joel Blankson and Abena Kwaa, Johns Hopkins
  University

Thapa, Mahima ............................................ 74
High Performance Pharmacokinetic Simulations For Drug
Discovery: Efficiently Searching For Potent and Easily
Absorbed Drug Candidate
  Research Mentor: Benjamin Madej
  Research Institution: Novartis Institutes for BioMedical
  Research
  Home Institution: Truman State University
  Co-Authors: Benjamin Madej and Eric Martin, Novartis
  Institutes for BioMedical Research

Tkacik, Emre ............................................. 75
Isolating Key Components of the Peroxisome Matrix Protein
Import Pathway
  Research Mentor: Peiqiang Feng
  Research Institution: Harvard University
  Home Institution: University of Maryland, Baltimore County
  Co-Authors: Tom Rapoport and Peiqiang Feng, Harvard
  University Div. of. Medical Sciences
Tobias, Willie
An Integrin-Driven Basis for the Neutrophilic Response to Candida
Research Mentor: Jonathan Reichner
Research Institution: Brown University
Home Institution: Tougaloo College
Co-Authors: Brian Leblanc and Jonathan Reichner, Brown University

Tolliver, Coleman
Direct Print Additive Manufacturing of Optical Fiber Interconnects
Research Mentor: Venkat Bhethanabotla
Research Institution: University of South Florida
Home Institution: University of Maryland, Baltimore County
Co-Authors: Roger Tipton, University of South Florida

Trejo, Brandon
Optimizing Fluorescent Calcium Sensors for Imaging Neuronal Activity in C. elegans Response to Odors
Research Mentor: Andrew Gordus
Research Institution: Johns Hopkins University
Home Institution: University of California Los Angeles UCLA
Co-Authors: Andrew Gordus and Elana Pyfrom, Johns Hopkins University

Turner, Makayla
RNA Modifications Affecting Translation Efficiency of Global Regulators in E. Coli
Research Mentor: Karl Thompson
Research Institution: Howard University
Home Institution: Claflin University
Co-Authors: Karl Thompson, Joseph Aubee and Jalisa Nurse, Howard University

Vazquez, Karen
Linking the Gaps: Optimizing Public Transit Systems in Baltimore to Improve Food Equity
Research Mentor: Sauleh Siddiqui
Research Institution: Johns Hopkins University
Home Institution: University of Kansas
Co-Authors: Sauleh Siddiqui, Johns Hopkins University

Velazquez Matos, Juan
Investigating the role of ezh1 during zebrafish developmental hematopoiesis
Research Mentor: Trista North
Research Institution: Harvard University
Home Institution: UPR-Humacao
Co-Authors: Trista North and Rebecca Soto, Harvard University Div. of Medical Sciences

Vinson, Essence
Identifying neuronal populations in the zebrafish interpeduncular nucleus
Research Mentor: Marnie Halpern
Research Institution: Johns Hopkins University
Home Institution: Coppin State College
Co-Authors: Emma Spikol and Marnie Halpern, Johns Hopkins University

Vogel, Ian
In Search of Regulatory Elements: Optimization of Screening Throughput for rAAV Enhancers
Research Mentor: Gordon Fishell
Research Institution: Harvard University
Home Institution: Bucknell University
Co-Authors: Jordane Dimidschstein, Gordon Fishell and Douglas Vormstein-Schneider, Harvard University Div. of Medical Sciences

Watt, Mikayla
Understanding the Cis- and Trans-Regulation of the Sex Gene Determination Switch Sex Lethal in the Drosophila melanogaster Germline
Research Mentor: Mark Van Doren
Research Institution: University of Pennsylvania
Home Institution: Johns Hopkins University
Co-Authors: Raghav Goyal, Ellen Baxter and Mark Van Doren, Johns Hopkins University

Wilkerson, Elijah
Heterogeneity of Aspergillus spores to macrophage-mediated killing
Research Mentor: Joshua Obar
Research Institution: Dartmouth College
Home Institution: Morehouse College
Co-Authors: Joshua Obar and Xi Wang, Dartmouth College

Williams, Hastings
IRE1 and the Unfolded Protein Response in Tomatoes
Research Mentor: Mark Johnson
Research Institution: Brown University
Home Institution: Tougaloo College
Co-Authors: Daniel Solis and Mark Johnson, Brown University

Yamauchi, Jessica
Characterizing the Novel Zebrafish Tft^168N Scoliosis Mutant
Research Mentor: Pamela C. Yelick
Research Institution: Tufts University
Home Institution: CSU Northridge
Co-Authors: Pamela C. Yelick, Tufts University
The Leadership Alliance congratulates the following Doctoral Scholars who have completed their PhDs and MD-PhDs.

**Daisy Camacho-Thompson, PhD**  
BS, 2010, DePaul University  
PhD, 2016, University of California Los Angeles

**Princess Gilbert, PhD**  
BS, 2007, University of California Los Angeles  
PhD, 2017, University of California Los Angeles

**Herminio Guajardo, PhD**  
BS, University of Texas Brownsville  
PhD, 2017, Harvard Medical School

**Maria Jones, PhD**  
BS, 2013, Missouri State University  
PhD, 2016, University of Missouri-Columbia

**Vladimir Enrique Medenica, PhD**  
BS, 2012, University of Southern California  
PhD, 2017, Princeton

**Felicia Moralez, PhD**  
BA, 2009, Purdue University  
PhD, 2018, University of Notre Dame

**Bryan Ramson, PhD**  
BS, 2009, Howard University  
PhD, 2017, University of Michigan

**Ivan Valdez, PhD**  
BS, 2010, University of Texas Brownsville  
PhD, 2016, Harvard University
Doctoral Scholar Participants

George Aninwene II
Postdoctoral Fellow
California NanoSystems Institute
University of California Los Angeles UCLA
g.aninweneli@gmail.com

Amalia Ávila-Figueroa
Sales Manager, Biocytogen LLC.
amalia.avila@biocytogen.com

Ashon Bradford
Research Administrator
Office of Knowledge Enterprise Development
Arizona State University
ashonbradford@gmail.com

Lanissa Brown-Baker
Pharmacologist
Center for Tobacco Products
Food and Drug Administration
drlanissa@yahoo.com

Angel Byrd
Ethnic Skin Fellow
Dermatology
Johns Hopkins University
abyrd11@jmi.edu

Daisy Camacho-Thompson
Postdoctoral Research Fellow
Psychology
Arizona State University
daisycamacho@gmail.com

Gahodery Cambry
Senior Organizer
Organizing
Unite Here International Union
gkcambry@gmail.com

Raquel Castellanos
Assistant Director- Office of Research and Diversity Training
Perelman School of Medicine
University of Pennsylvania
rcastell@pennmedicine.upenn.edu

JoyAnn Courtney
Program Director
Translational Research Program
National Cancer Institute
jphillipsonhan@gmail.com

Arnaldo Diaz
Assistant Dean for Research Training Programs
University of Pennsylvania
diaza@pennmedicine.upenn.edu

Lauren Eldridge
Programs Coordinator and Lecturer
UNCF/Mellon Programs
Spelman College
eldridge.lauren.e@gmail.com

Marisa Galvez
Associate Professor
French
Stanford University
mgalvez@stanford.edu

Jade Gibbons
Forensic Scientist
Forensic Services Bureau
Ventura County, California
jadejgibbons1@gmail.com

Princess Gilbert
Visiting Assistant Professor in Biology
W.M. Keck Sciences of Pitzer, Scripps & Claremont McKenna Colleges
University of California Los Angeles UCLA
ps.gilbert@ucla.edu

Teshell Greene
AAAS Science & Technology Policy Fellow
Division of Graduate Education, Education and Human Resources Directorate
National Science Foundation
teshellpg@gmail.com

Brian Hannah
Major
Medical Service Corps
U.S. Army
bhannahphd@gmail.com

Jerainne Heywood
Senior Lubricants and Fuels Technologist
Product Definition
General Electric Transportation
jerainne.heywood@gmail.com

Marta Holliday
Associate Professor
Languages and Literatures
Alabama State University
mholliday@alasu.edu

Malo Hutson
Associate Professor of Urban Planning and Director of the Urban Community and Health Equity Lab
Graduate School of Architecture, Planning, and Preservation; Earth Institute at Columbia University
Columbia University
mah2328@columbia.edu

Marcus Jones
Sr. Manager
Planning, Strategy and Operations
Regeneron Pharmaceuticals, Inc.
marcusjones06@gmail.com
Ferentz Lafargue  
Dean  
Saybrook College  
Yale University  
ferentz@gmail.com

Christina Medina-Ramirez  
Director, Skirball Science Learning Center  
Office of the Provost  
Hunter College  
cm950@hunter.cuny.edu

Yazmin Mueller-Figueroa  
Assistant Professor & Business Development  
Strategy Specialist for Latin-American Market  
The School of Brain and Behavioral Sciences & President’s Office  
National Autonomous University of Mexico  
yazzmf@hotmail.com

Antoinette Nelson  
Postdoctoral Researcher  
Ernest Mario School of Pharmacy  
Rutgers University  
antgnelson@gmail.com

Courtni Newsome  
Research Investigator  
Immu- and Molecular Toxicology  
Bristol-Myers Squibb  
courtni.newsome@gmail.com

Teresa Nguyen  
Academic Advisor  
College of Letters and Science, Academic Advising Services  
University of Wisconsin Madison  
teresanguyen@gmail.com

Kwame Osei-Sarfo  
Director, Bridge to the Ph.D. Program  
School of Professional Studies  
Columbia University  
wkame.osei.sarfo@gmail.com

Cesar Perez  
Branch Chief  
Office of Compliance  
Food and Drug Administration  
cesar.perez@fda.hhs.gov

Damani Piggott  
Assistant Dean for Graduate Biomedical Education and Graduate Student Diversity  
Medicine/Epidemiology  
Johns Hopkins University  
dpiggott1@jhmi.edu

Chelsea Pinnix  
Assistant Professor  
Radiation Oncology  
University of Texas M.D. Anderson Cancer Center  
chelsea.pinnix@gmail.com

Teresa Ramirez  
Program Manager  
Office of Sponsored Programs, Diversity and Grants Administration  
Federation of American Societies for Experimental Biology (FASEB)  
teresa_ramirez@alumni.brown.edu

Frank Roberts  
Faculty  
NYU Gallatin  
New York University  
frank.roberts@yale.edu

Yisa Rumala  
Senior Engineer  
Research and Development  
Northrop Grumman Corporation-AOX  
yrumala@gmail.com

Edgardo Sanabria-Valentín  
Associate Program Director  
Program for Research Initiatives in Science and Math (PRISM)  
John Jay College of Criminal Justice CUNY  
esanabria_valentín@jjay.cuny.edu

Melissa Santos  
JD Candidate  
Law  
University of Michigan-Ann Arbor  
mcsa@umich.edu

Jeanelle Spencer  
Director of Education  
Education  
American Association of Nurse Practitioners  
jmspencerphd@gmail.com

David Stout  
Science and Technology Policy Fellow  
National Science Foundation  
dastout@nsf.gov

Tammi Taylor  
Assistant Professor  
Biology  
Jackson State University  
tammi.m.taylor@jsums.edu

Armándo Tolliver  
Education Practitioner  
Administration  
School District of Philadelphia  
tolliveredd@gmail.com

Scharri Walker  
Assistant Professor; Chair Biology  
Tougaloo College  
scharri.walker@gmail.com

Zakiya Whatley  
Program Manager  
Biological Sciences Graduate Program  
University of Maryland, College Park  
znw@me.com

Shanta Whitaker  
Vice President  
Health Policy  
Venn Strategies  
shantamwhitaker@gmail.com

Candace Wicks  
Assistant Professor of Biology/Pre-Health Advisor  
Biology  
Hardin-Simmons University  
candace.e.wicks@hsutx.edu

Latasha Wright  
Chief Scientist  
BioBus, Inc.  
latasha.wright@gmail.com

Arturo Zavala  
Associate Professor  
Psychology  
CSU Long Beach  
arturo.zavala@csub.edu
Faculty, Administrators and Other Participants

Asem Abdulahad
Assistant Professor
Chemistry
Xavier University of Louisiana
aabdulah@xula.edu

Brittany Ann Allison
Postdoctoral Fellow; Program Coordinator, SyNERGI
The Graduate School
Vanderbilt University
brittany.a.allison@vanderbilt.edu

Carlos Alonso
Dean
Graduate School of Arts and Sciences
Columbia University
calonso@columbia.edu

Jude Amoako
Program Assistant
Political Science
University of Rhode Island
jude_amoko@my.uri.edu

Mentewab Ayalew
Associate Professor and Vice Chair
Biology
Spelman College
mayalew@spelman.edu

Earnestine Baker
Executive Director
Meyerhoff Scholars Program, Emerita
University of Maryland, Baltimore County
erbaker@umbc.edu

Carina Beck
Director, Alm Yarnell Center for Student Success
Montana State University Bozeman
Email: cbeck@montana.edu

Leslie Booren
Managing Director
Carry School of Education
University of Virginia
booren@virginia.edu

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

Eric Buckles
Program Coordinator of Biology
Biology
Dillard University
ebuckles@dillard.edu

Virgelica Cabral
Program Assistant
Health Sciences
University of Rhode Island
vcabral@my.uri.edu

Makisha Cameron
Director
Coinsetters LLC
mcameron0399@gmail.com

Nathan Catelli
Program Assistant
ncatelli2113@gmail.com

Edwin Clayton
Director of Training and Professional Development
Princeton Neuroscience Institute
Princeton University
ec12@princeton.edu

Zakiya Collier
Program Assistant
Center for the Humanities
New York University
zakiya.collier@nyu.edu

César Colón-Montijo
Manager, GSAS Summer Research Program
Graduate School
Columbia University
cac2221@columbia.edu

Tracy Costello
Chair, Board of Directors
National Postdoctoral Association
Moffitt Cancer Center
tracy.costello@moffitt.org

Michael Cross
Director
Office for Undergraduate Research
University of South Florida
mcross5@usf.edu

Donald Dantzler
Fair Play Project Outreach Specialist
University of Wisconsin, Madison
ddantzler@wisc.edu

Regina Dixon-Reeves
Assistant Vice Provost for Diversity & Inclusion
Office of the Provost
University of Chicago
rdixonre@uchicago.edu

Mareshia Donald
Scientific Programs Manager and Diversity Inclusion Partner
Human Resources
Novartis Institutes for BioMedical Research
mareshia.donald@novartis.com
Gabrielle DoVale  
Program Assistant  
The Leadership Alliance  
Brown University  
gabz2098@gmail.com

Vanessa Gonzalez-Perez  
Assistant Dean  
The Graduate School  
Princeton University  
vanessagp@princeton.edu

Sara Hernandez  
Associate Dean for Inclusion & Student Engagement  
Graduate School  
Cornell University  
sh267@cornell.edu

Maria DoVale  
Conference & Events Specialist  
Executive Office  
Brown University  
Maria_DoVale@brown.edu

Jose Gorbea  
Graduate Student  
University of Pennsylvania  
gorbea@mail.med.upenn.edu

Kimberly Jackson  
Chair and Associate Professor  
Chemistry and Biochemistry  
Spelman College  
kjackson@spelman.edu

Jaimy Escobedo  
Program Assistant  
Textiles & Designs  
University of Rhode Island  
jaimy_escobedo@my.uri.edu

Ja’Wanda Grant  
Special Assistant to the Provost for Scholar Development and Institutional Alliances  
Xavier University of Louisiana  
jgrant4@xula.edu

Keisha John  
Director of Diversity Programs  
Office of Graduate and Postdoctoral Affairs  
University of Virginia  
keishajohn@virginia.edu

Jahmese Fort  
Fair Play Project Outreach Coordinator  
University of Wisconsin, Madison  
jmfort@wisc.edu

Louise Hainline  
Professor, MARC Director, TLA Institutional Coordinator  
Psychology  
Brooklyn College CUNY  
louiseh@brooklyn.cuny.edu

Eartha Johnson  
Faculty/Faculty Mentor  
Psychology  
Dillard University  
ejohnson@dillard.edu

Janine Franklin  
Associate Director of Pipeline Programs  
Office of Academic Leadership, Advancement and Diversity  
University of Chicago  
jmfranklin@uchicago.edu

Kat Haklin  
Postdoctoral Fellow  
German and Romance Languages and Literatures  
Johns Hopkins University  
khaklin1@jhu.edu

Barbara Kahn  
Coordinator of Undergraduate Programs  
The Leadership Alliance  
Brown University  
barbara_kahn@brown.edu

Michael Gaines  
Professor, Assistant Provost of Undergraduate Research & Community Outreach  
University of Miami  
m.gaines@miami.edu

Maija Hallsmith  
Diversity Initiatives Program Assistant  
Graduate School  
Brown University  
maija_hallsmith@gmail.com

Christina Keeton  
Program Manager and Co-Director  
Biomedical Research Education and Training  
christina.k.keeton@vanderbilt.edu

Leah Gibbons  
Program Coordinator  
Education  
American Society For Microbiology  
lgibbons@asmusa.org

Adam Hammond  
Curriculum Director / Senior Lecturer  
Biophysical Sciences  
University of Chicago  
ahammond@uchicago.edu

Edward Kim  
Technical Specialist  
edwardkim73@gmail.com

Leislie Godo-Solo  
Education Programs Specialist  
Institute for Recruitment of Teachers  
lgodosolo@andover.edu

Linda Harris  
Director of Postdoctoral Talent Acquisition  
Academic Programs  
St. Jude Children’s Research Hospital  
linda.harris@stjude.org

W. Marcus Lambert  
Assistant Dean of Diversity and Student Life  
Graduate School of Medical Sciences  
Weill Cornell Graduate School  
wil2009@med.cornell.edu

Karina Gonzalez Herrera  
Assistant Director of Diversity and Minority Affairs, DMS  
Division of Medical Sciences  
Harvard University  
kherrer@fas.harvard.edu

Mark Hernandez  
Professor  
Dept of Civil, Environmental and Architectural Engineering  
mark.hernandez@colorado.edu

Ja’Wanda Grant  
Special Assistant to the Provost for Scholar Development and Institutional Alliances  
Xavier University of Louisiana  
jgrant4@xula.edu

Karen Jackson  
Chair and Associate Professor  
Chemistry and Biochemistry  
Spelman College  
kjackson@spelman.edu

Keisha John  
Director of Diversity Programs  
Office of Graduate and Postdoctoral Affairs  
University of Virginia  
keishajohn@virginia.edu

Earth Johnson  
Faculty/Faculty Mentor  
Psychology  
Dillard University  
ejohnson@dillard.edu

Barbara Kahn  
Coordinator of Undergraduate Programs  
The Leadership Alliance  
Brown University  
barbara_kahn@brown.edu

Christina Keeton  
Program Manager and Co-Director  
Biomedical Research Education and Training  
christina.k.keeton@vanderbilt.edu

Edward Kim  
Technical Specialist  
edwardkim73@gmail.com

W. Marcus Lambert  
Assistant Dean of Diversity and Student Life  
Graduate School of Medical Sciences  
Weill Cornell Graduate School  
wil2009@med.cornell.edu

Dexter Lee  
Associate Professor  
Physiology and Biophysics  
Howard University  
dilee@Howard.edu
Patricia Lee-Robinson  
Associate Provost  
Office of Health Professions Advising and Undergraduate Research  
Chaminade University of Honolulu  
PRobins@chaminade.edu

Benjamin Levitt  
Data Analytics and Communications Manager  
Tri-Institutional MD-PhD Program  
Weill Cornell Medicine  
bel2021@med.cornell.edu

Ashleigh LoVette  
Project Assistant  
The Leadership Alliance  
Brown University  
ashleigh_lovette@brown.edu

Robert Mack  
Chief Diversity Officer, Medford and SMFA Campuses  
Office of the Provost  
Tufts University  
robert.mack@tufts.edu

Gwynneth Malin  
Director  
Center for the Humanities  
New York University  
gcm207@nyu.edu

Olivia Mansion  
Manager of Operations  
Entrepreneurship Center  
University of Tampa  
olivia_mansion@alumni.brown.edu

Samiah Moustafa  
Visiting Assistant Professor  
Institute at Brown for Environment & Society  
Brown University  
samiah_moustafa@brown.edu

Karl Munger  
Professor  
Development, Molecular and Chemical Biology  
Tufts University  
karl.munger@tufts.edu

Ashton Murray  
Program Manager for Diversity and Inclusion  
Sackler Institute for Biomedical Sciences  
New York University  
ashton.murray@nyumc.org

Antionette Mutcherson  
Director  
Financial Literacy  
Coinsetters LLC  
amutcherson@gmail.com

Chrystie Naeole  
Assistant Professor  
Natural Sciences and Mathematics  
Chaminade University of Honolulu  
chrystie.naeole@chaminade.edu

Michelle Nearon  
Associate Dean  
Graduate School of Arts and Sciences  
Yale University  
michelle.nearon@yale.edu

Stephen Nelson  
Senior Scholar Leadership Alliance and Professor Educational Leadership, Bridgewater State University  
Educational Leadership  
Brown University  
stephen_j_nelson@brown.edu

Christine O’Brien  
Program Officer  
PGA-Fellowships Office  
National Academies of Sciences, Engineering, and Medicine  
FellowshipsOffice@nas.edu

Joel Oppenheimer  
Professor Emeritus  
Microbiology  
New York University  
joel_oppenheim@nyumc.org

Martha Ordoñez  
Graduate Student  
Harvard University  
mordonez@g.harvard.edu

Stephanie Parsons  
Assistant Director of Diversity and Minority Affairs  
Graduate School of Arts & Sciences  
Harvard University  
sparsons@fas.harvard.edu

Christopher Peete  
Clinical Training Consultant  
Clinical Services  
Youth Villages  
christopher.peete@youthvillages.org

Dinko Pocanic  
Professor, Associate Dean for Graduate Programs in Arts and Sciences  
Physics  
University of Virginia  
pocanic@virginia.edu

Asabe Poloma  
Assistant Dean of the College, Associate Director of MMUF  
Office of the Dean of the College  
Brown University  
asabe_poloma@brown.edu

Muthukrishna Raja  
Interim Vice Provost for Research & Professor of Chemistry  
Sponsored Programs Office  
Clai-lin University  
mraja@claflin.edu

Hank Randall  
Photographer  
Randall Photography  
hank@randallphotography.com

Patricia Rea  
Associate Director for Admissions  
Graduate Division  
University of Pennsylvania  
patrea@sas.upenn.edu

Irelene Ricks  
Director of Diversity  
Diversity in Life Science Programs  
Keystone Symposia on Molecular and Cellular Biology  
irelener@keystonesymposia.org

Amy Roach  
Montana State University  
Summer Program Coordinator  
Amy.Roach@montana.edu

Carlos Rodriguez  
STEM Education, Energy & Workforce, Senior Research Scientist  
crod@att.net

Darlene Saporu  
Assistant Dean for Diversity and Inclusion  
Deans Office  
Johns Hopkins University  
dsaporu1@jh.edu
Utsav Schurmans  
Director of Research and Scholar Programs  
Wharton Undergraduate Division  
University of Pennsylvania  
schurman@wharton.upenn.edu

Nancy Schwartz  
Professor/Dean  
Biological Sciences  
University of Chicago  
n-schwartz@uchicago.edu

Jane Seibel  
Assistant Dean of Recruiting, Diversity  
and Communications  
Guarini School of Graduate and  
Advanced Studies  
Dartmouth College  
jane.b.seibel@dartmouth.edu

Daniel Setlow  
dlsetlow@gmail.com

Kelly Jordan Sciutto  
Dean for Biomedical Graduate Programs  
University of Pennsylvania  
jordank@upenn.edu

Rochelle Smith  
Assistant Provost, Diversity Initiatives  
Office of the Provost  
Washington University in St. Louis  
rsmith@wustl.edu

Keilin Solis  
Program Assistant  
Engineering  
University of Rhode Island  
keilin_solis@my.uri.edu

Andrea Solomon  
Vice Dean  
Graduate School of Arts and Sciences  
Columbia University  
as660@columbia.edu

Laurel Southard  
Director of Undergraduate Research  
Vice Provost for Academic Innovation  
Cornell University  
les3@cornell.edu

Cynthia Spence  
Associate Professor  
Sociology  
Spelman College  
cspence@spelman.edu

Julie Sterling  
Assistant Professor  
Medicine  
Vanderbilt University  
julie.sterling@vanderbilt.edu

Denzil Streete  
Assistant Director of Diversity  
Office for Graduate Student Development  
and Diversity  
Yale University  
denzil.streete@yale.edu

Natalie Strobach  
Director Of Undergraduate Research  
Krieger School of Arts and Sciences  
Johns Hopkins University  
strobach@jhu.edu

Naoko Tanese  
Associate Dean for Biomedical Sciences  
Sackler Institute of Graduate Biomedical  
Sciences  
New York University  
tanesn01@med.nyu.edu

Ayana Teal  
Assistant Director of Recruitment and  
Marketing  
Office of Graduate Admissions  
Johns Hopkins University  
ateal@jhu.edu

Sheila Thomas  
Dean for Academic Programs and Diversity/  
Asst Professor of Medicine  
Graduate School of Arts and Sciences and  
Division of Medical Sciences  
Harvard University  
sthomas@g.harvard.edu

Susanne Tranguch  
Assistant Dean for Biomedical Sciences  
Sackler Institute of Graduate Biomedical  
Sciences  
New York University  
susanne.tranguch@nyumc.org

Amanda Tufekcier  
Program Manager  
Sackler Institute  
New York University  
amanda.tufekcier@nyumc.org

Susan VanderKam  
Manager of Diversity Initiatives and  
Assoc. Dir. of Undergraduate Studies  
Chemistry  
Princeton University  
skillian@princeton.edu

Kizzy Vazquez  
BP-ENDURE Program Coordinator  
Psychology  
Hunter College  
kv408@hunter.cuny.edu

Angelino Viceisza  
Associate Professor  
Economics  
Spelman College  
aviceisz@spelman.edu

Irene Wallrich  
Program Coordinator  
Graduate School  
Vanderbilt University  
irene.l.wallrich@vanderbilt.edu

Brian Walton  
Senior Vice President and Associate Dean  
Graduate School  
St. Jude Children’s Research Hospital  
brian.walton@stjude.org

Catherine Will  
Program & Projects Manager  
Office of Graduate Student Affairs  
Johns Hopkins University  
cwill@jhmi.edu

Megan Williams  
Assistant Director, MD/PhD Program  
Vanderbilt University  
megan.williams@vanderbilt.edu

John Wilson  
Dean (Ret.)  
College of Arts and Sciences  
Dillard University  
jewilson3@cox.net

Melvin Wilson  
willyjameswright@gmail.com

Winona Wynn  
Associate Professor, Humanities  
Chair English and Humanities  
at Heritage University  
Heritage University  
wynn_w@heritage.edu
Graduate Student & Post Bac Participants

Rhiannon Aguilar
Weill Cornell Medical College
rha2004@med.cornell.edu

Shanique Alabi
Yale University
shanique.alabi@yale.edu

Anayvelyse Allen-Mossman
Columbia University
aa2900@columbia.edu

David Bautista
Brown University
davideb1295@gmail.com

Post Bac Amanda Buch
Weill Cornell Graduate School
amb2022@med.cornell.edu

Daniel Cabrera
Weill Cornell Medicine
dac9130@med.cornell.edu

Asais Camila Uzcategui
University of Colorado Boulder
asu26143@colorado.edu

Justina Caushi
Johns Hopkins University
jcaushi1@jhmi.edu

Stacey Ceron
Dartmouth College
stacey.ceron.gr@dartmouth.edu

Sierra Degale
New York University
sld392@nyu.edu

Lisa Del Sol
Columbia University
ld2726@columbia.edu

Ambar Delgado Carrion
Brown University
ambar.delgado.carrion@brown.edu

Post Bac Carlos Detres Roman
Vanderbilt University
carlos.r.detres.roman.1@vanderbilt.edu

Post Bac Andrea Marton
University of Colorado Boulder
andrea.marton@colorado.edu

Geena Ildefonso
Vanderbilt University
geena.ildefonso@vanderbilt.edu

Yanabah Jaques
Brown University
yanabah.jaques@brown.edu

Norrell Edwards
University of Maryland, College Park
edwards220@gmail.com

Brittany Fox-Williams
Columbia University
bfn2102@columbia.edu

Dana Muñiz Pacheco
Temple University
d.munizpacheco@temple.edu

Keyanah Freeland
New York University
kfreeland@nyu.edu

Melisa Fuentes
Dartmouth College
melisa.a.fuentes.gr@dartmouth.edu

Elise Myers
Columbia University
e.myers@columbia.edu

David Garcia
Brown University
David_Garcia@brown.edu

Jose Gorbea
University of Pennsylvania
gorbea@mail.med.upenn.edu

Bretton Nabit
Vanderbilt University
bretton.p.nabit@vanderbilt.edu

Tolu Omokehinde
Vanderbilt University
tolu.omokehinde@vanderbilt.edu

Martha Ordoñez
Harvard University
mordonez@g.harvard.edu

Robert Gutierrez
Brown University
robert.gutierrez@brown.edu

Emily Radke
New York University
emily.radke@nyumc.org

Matthew Harris
Duke University
MatthewHarris732@gmail.com
Gerardo Reyes Chavez  
Brown University  
gerar.lreyes@gmail.com

Post Bac Jean Rivera  
Weill Cornell Graduate School  
jkr2004@med.cornell.edu

Santas Rosario  
University of Miami  
santasrosario@gmail.com

Tanya Sanabria  
UC Irvine  
tsanabri@uci.edu

Anthony Scruse  
Yale University  
anthony.scruse@yale.edu

D’Ondre Swails  
Brown University  
dondre_swails@brown.edu

Kayan Tam  
New York University  
kayan.tam@med.nyu.edu

Phillip Thomas  
New York University  
philip.thomas@nyumc.org

Brittney Threatt  
Brown University  
brittney_threatt@brown.edu

Emma Tran  
Yale University  
emma.tran@yale.edu

Andres Villada  
University of Colorado Boulder  
andres.villada@colorado.edu

Joseph Villanueva  
University of Colorado Boulder  
joseph.villanueva@colorado.edu

Dominic Walker  
Columbia University  
dtw2120@columbia.edu

Samantha Walker  
University of Colorado Boulder  
samantha.walker-1@colorado.edu

Elisa Wengert  
University of Virginia  
cew5sc@virginia.edu

Download the Guidebook
<table>
<thead>
<tr>
<th>Name</th>
<th>University 1</th>
<th>University 2</th>
<th>Email Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abalo-Toga, Mariam</td>
<td>Yale University</td>
<td>University of Maryland, Baltimore County</td>
<td><a href="mailto:mariam9@umbc.edu">mariam9@umbc.edu</a></td>
</tr>
<tr>
<td>Abbas, Leena</td>
<td>New York University</td>
<td>Wayne State University</td>
<td><a href="mailto:fw0607@wayne.edu">fw0607@wayne.edu</a></td>
</tr>
<tr>
<td>Acevedo, Sergio</td>
<td>Columbia University</td>
<td>UPR-Aguadilla</td>
<td><a href="mailto:sergio.acevedo1@upr.edu">sergio.acevedo1@upr.edu</a></td>
</tr>
<tr>
<td>Adegbite, Oluwaseun</td>
<td>Dartmouth College</td>
<td>UC Irvine</td>
<td><a href="mailto:oadegbite@uci.edu">oadegbite@uci.edu</a></td>
</tr>
<tr>
<td>Adelgren, Paul</td>
<td>University of Colorado Boulder</td>
<td>Fort Lewis College</td>
<td><a href="mailto:pradelgren@fortlewis.edu">pradelgren@fortlewis.edu</a></td>
</tr>
<tr>
<td>Agarwal, Astha</td>
<td>University of Virginia</td>
<td>McGill University</td>
<td><a href="mailto:astha.agarwal2013@gmail.com">astha.agarwal2013@gmail.com</a></td>
</tr>
<tr>
<td>Ahmed, Tonuza</td>
<td>University of Miami</td>
<td>Farmingdale State College</td>
<td><a href="mailto:tonuzaahmed@gmail.com">tonuzaahmed@gmail.com</a></td>
</tr>
<tr>
<td>Alexander, Ezra</td>
<td>University of Chicago</td>
<td>Amherst College</td>
<td><a href="mailto:ealexander20@amherst.edu">ealexander20@amherst.edu</a></td>
</tr>
<tr>
<td>Alfaro, Kenya</td>
<td>Brown University</td>
<td>CSU Long Beach</td>
<td><a href="mailto:kenya.alfaro@student.csulb.edu">kenya.alfaro@student.csulb.edu</a></td>
</tr>
<tr>
<td>Ali, Rakim</td>
<td>Johns Hopkins University</td>
<td>University of West Alabama</td>
<td><a href="mailto:r4kimali@gmail.com">r4kimali@gmail.com</a></td>
</tr>
<tr>
<td>Alvarez, Emmanuel</td>
<td>University of Pennsylvania</td>
<td>Rowan University</td>
<td><a href="mailto:alvareze3@students.rowan.edu">alvareze3@students.rowan.edu</a></td>
</tr>
<tr>
<td>Alvarez, Guillermo</td>
<td>Brown University</td>
<td>Cornell University</td>
<td><a href="mailto:alvarezg1026@gmail.com">alvarezg1026@gmail.com</a></td>
</tr>
<tr>
<td>Alvarez Caraveo, Clara</td>
<td>Brown University</td>
<td>Cornell University</td>
<td><a href="mailto:claraalvarezgreen@gmail.com">claraalvarezgreen@gmail.com</a></td>
</tr>
<tr>
<td>Amador Martínez, Karimar</td>
<td>University of Pennsylvania</td>
<td>UPR-Mayaguez</td>
<td><a href="mailto:karimar.amador@gmail.com">karimar.amador@gmail.com</a></td>
</tr>
<tr>
<td>Aponte, Natalia</td>
<td>University of Pennsylvania</td>
<td>UPR-Rio Piedras</td>
<td><a href="mailto:nataliaenidmedina@gmail.com">nataliaenidmedina@gmail.com</a></td>
</tr>
<tr>
<td>Arboniés, Valeria</td>
<td>New York University</td>
<td>UPR-Rio Piedras</td>
<td><a href="mailto:valeria.arbonies@upr.edu">valeria.arbonies@upr.edu</a></td>
</tr>
<tr>
<td>Archeleta, Chloe</td>
<td>University of Pennsylvania</td>
<td>Colorado School of Mines</td>
<td><a href="mailto:chloearchuleta@mines.edu">chloearchuleta@mines.edu</a></td>
</tr>
<tr>
<td>Arizaga, Fidel</td>
<td>University of Colorado Boulder</td>
<td>UC Santa Cruz</td>
<td><a href="mailto:fiarizag@ucsc.edu">fiarizag@ucsc.edu</a></td>
</tr>
<tr>
<td>Arraiza Truust, Fermin</td>
<td>Dartmouth College</td>
<td>UPR-Rio Piedras</td>
<td><a href="mailto:fermin.arraiza@upr.edu">fermin.arraiza@upr.edu</a></td>
</tr>
<tr>
<td>Arrington, Myles</td>
<td>University of Virginia</td>
<td>University of Maryland, College Park</td>
<td><a href="mailto:myles.arrington.1997@gmail.com">myles.arrington.1997@gmail.com</a></td>
</tr>
<tr>
<td>Asfaw, Zerubabbel</td>
<td>University of Chicago</td>
<td>Franklin and Marshall College</td>
<td><a href="mailto:zasfaw@fandm.edu">zasfaw@fandm.edu</a></td>
</tr>
<tr>
<td>Astorino, Morgan</td>
<td>Brown University</td>
<td>Rutgers University</td>
<td><a href="mailto:mra121@scarletmail.rutgers.edu">mra121@scarletmail.rutgers.edu</a></td>
</tr>
<tr>
<td>Azziz, Annabel</td>
<td>Weill Cornell Graduate School</td>
<td>Fordham University</td>
<td><a href="mailto:aaazziz@fordham.edu">aaazziz@fordham.edu</a></td>
</tr>
<tr>
<td>Badillo, Felix</td>
<td>Cornell University</td>
<td>UPR-Aguadilla</td>
<td><a href="mailto:felixsamuel1998@gmail.com">felixsamuel1998@gmail.com</a></td>
</tr>
<tr>
<td>Báez Mercado, Sharimar</td>
<td>University of Miami</td>
<td>Universidad Interamericana de Puerto Rico,</td>
<td><a href="mailto:sharimarbaez@gmail.com">sharimarbaez@gmail.com</a></td>
</tr>
<tr>
<td>Báez-Caraballo, Francelis</td>
<td>Brown University</td>
<td>UPR-Mayaguez</td>
<td><a href="mailto:francelis.baez@upr.edu">francelis.baez@upr.edu</a></td>
</tr>
<tr>
<td>Barclay, Kara</td>
<td>Weill Cornell Medical College</td>
<td>Amherst College</td>
<td><a href="mailto:kbarclay21@amherst.edu">kbarclay21@amherst.edu</a></td>
</tr>
</tbody>
</table>
Barraza, Isabel
Stanford University
University of Texas at El Paso
ibarraza5@miners.utep.edu

Barrera, Maribel
University of Colorado Boulder
University of North Texas
maribebarrera@my.unt.edu

Barrientos, Eric
New York University
Arizona State University
ericcsb1@yahoo.com

Bartholomew, Myles
Brown University
Xavier University of Louisiana
mbarthol@xula.edu

Beasley, Tykira
University of Virginia
Elizabeth City State University
tsbeasley267@students.ecsu.edu

Becnhel, John
Cornell University
Wisconsin Lutheran College
john.p.bechtel@gmail.com

Bennett, Grant
Vanderbilt University
Morehouse College
grant.bennett@morehouse.edu

Ber grind, Alysia
University of Virginia
University of Hawaii Manoa
alyssiam@hawaii.edu

Berard, Timothy
Johns Hopkins University
University of Maryland, Baltimore County
berna3@umbc.edu

Berryman, Gl en es ha
Columbia University
East Carolina University
berrymang15@students.ecsu.edu

Berumen, Gregory
Johns Hopkins University
Tufts University
Gregory.berumen@tufts.edu

Bhalgat, Avni
Harvard University
Purdue University
abhalgat@purdue.edu

Blinco, Summer
Harvard University
California State Polytechnic University, Pomona
srbianco@cpp.edu

Bonsu, Kwadwo
Johns Hopkins University
University of Maryland, Baltimore County
kbonsu1@umbc.edu

Bordes, Taylor
University of Maryland, Baltimore County
Spelman College
taylorbordes@gmail.com

Bostick, Maya
University of Pennsylvania
Spelman College
mayabostick98@gmail.com

Boulanger, Kyle
Johns Hopkins University
Grand View University
kyle.boulanger@grandview.edu

Boyette, Abigail
University of Virginia
University of Virginia
ab6qb@virginia.edu

Boza, Juan
University of Colorado Boulder
Florida International University
juanm.boza@gmail.com

Bracero, Sabrina
New York University
College of William & Mary
sbracero@email.wm.edu

Brandon, Amyre
Brown University
Xavier University of Louisiana
abrandon@xula.edu

Bratton, Brenden
Johns Hopkins University
SUNY at Buffalo
babratto@buffalo.edu

Brewer, Hamadi
Dartmouth College
Morehouse College
hamadi.brewer@morehouse.edu

Briggs, Laura
Harvard University
Emory University
laura.briggs@emory.edu

Brown, Brandon
Dartmouth College
Morehouse College
bbbrandonstil@gmail.com

Bugay, John Paul
New York University
San Francisco State University
jbugay@mail.sfsu.edu

Burnette, Timothy
University of Colorado Boulder
Grinnell College
burnette1@grinnell.edu

Butts, Thalia
Johns Hopkins University
Clai lin University
tbutts@clai lin.edu

Buxenstein, Caroline
Johns Hopkins University
Community College of Baltimore County
buxensteinc12@yahoo.com

Calciano, Gabriela
Weil Cornell Graduate School
Brandeis University
calciano.gabriela@gmail.com

Camacho-Hernandez, Elaine
Harvard University
UPR-Ponce
elaine.camacho@upr.edu

Candelaria Jimenez, Astrid
Columbia University
UPR-Rio Piedras
astrid.candelaria@upr.edu

Canelo, Ricardo
University of Virginia
New York University
rc3349@nyu.edu
<table>
<thead>
<tr>
<th>Name</th>
<th>University/Institution 1</th>
<th>University/Institution 2</th>
<th>Email/Contact</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cannata, Angela</td>
<td>University of Colorado Boulder</td>
<td>CSU Northridge</td>
<td><a href="mailto:angela.cannata.397@my.csun.edu">angela.cannata.397@my.csun.edu</a></td>
</tr>
<tr>
<td>Cannon, Alysa</td>
<td>University of Pennsylvania</td>
<td>Temple University</td>
<td><a href="mailto:tuf92240@temple.edu">tuf92240@temple.edu</a></td>
</tr>
<tr>
<td>Carr, Katherine-Ann</td>
<td>Yale University</td>
<td>University of Maryland, Baltimore County</td>
<td><a href="mailto:kat50@umbc.edu">kat50@umbc.edu</a></td>
</tr>
<tr>
<td>Carrera, Maria</td>
<td>University of Pennsylvania</td>
<td>UPR-Mayaguey</td>
<td><a href="mailto:maria.carrera1@upr.edu">maria.carrera1@upr.edu</a></td>
</tr>
<tr>
<td>Carter, Davell</td>
<td>New York University</td>
<td>Jackson State University</td>
<td><a href="mailto:davellcarter@gmail.com">davellcarter@gmail.com</a></td>
</tr>
<tr>
<td>Castro, Matilde</td>
<td>Johns Hopkins University</td>
<td>University of Texas at Austin</td>
<td><a href="mailto:mati.castro.06@gmail.com">mati.castro.06@gmail.com</a></td>
</tr>
<tr>
<td>Ceballos, Victor</td>
<td>Weill Cornell Medical College</td>
<td>Franklin and Marshall College</td>
<td><a href="mailto:vceballo@fandm.edu">vceballo@fandm.edu</a></td>
</tr>
<tr>
<td>Chapekis, Athena</td>
<td>Stanford University</td>
<td>Miami University</td>
<td><a href="mailto:achapekis@gmail.com">achapekis@gmail.com</a></td>
</tr>
<tr>
<td>Charles, LeslieAnn</td>
<td>Harvard University</td>
<td>Fayetteville State University</td>
<td><a href="mailto:lcharle2@broncos.uncsfu.edu">lcharle2@broncos.uncsfu.edu</a></td>
</tr>
<tr>
<td>Charpentier, Claire</td>
<td>Harvard University</td>
<td>Franklin and Marshall College</td>
<td><a href="mailto:ccharpen@fandm.edu">ccharpen@fandm.edu</a></td>
</tr>
<tr>
<td>Chau, Isabelle</td>
<td>Weill Cornell Medical College</td>
<td>Stanford University</td>
<td><a href="mailto:ichau@stanford.edu">ichau@stanford.edu</a></td>
</tr>
<tr>
<td>Cheji, Hind</td>
<td>Johns Hopkins University</td>
<td>Community College of Baltimore County</td>
<td><a href="mailto:Hind.cheji.pr@gmail.com">Hind.cheji.pr@gmail.com</a></td>
</tr>
<tr>
<td>Chen, Annie</td>
<td>Tufts University</td>
<td>Simmons College</td>
<td><a href="mailto:chena3@simmons.edu">chena3@simmons.edu</a></td>
</tr>
<tr>
<td>Chen, Jingjia</td>
<td>Novartis Institutes for BioMedical Research</td>
<td>Boston College</td>
<td><a href="mailto:chenaow@bc.edu">chenaow@bc.edu</a></td>
</tr>
<tr>
<td>Chikukwa, Ratidzai</td>
<td>University of Pennsylvania</td>
<td>CSU Fullerton</td>
<td><a href="mailto:shirleychikukwa@csu.fullerton.edu">shirleychikukwa@csu.fullerton.edu</a></td>
</tr>
<tr>
<td>Childers, Chazman</td>
<td>Harvard University</td>
<td>Florida International University</td>
<td><a href="mailto:cchill018@fiu.edu">cchill018@fiu.edu</a></td>
</tr>
<tr>
<td>Chong, Michelle</td>
<td>Stanford University</td>
<td>University of Chicago</td>
<td><a href="mailto:mcchong@uchicago.edu">mcchong@uchicago.edu</a></td>
</tr>
<tr>
<td>Cirillo, Victoria</td>
<td>University of Chicago</td>
<td>Fordham University</td>
<td><a href="mailto:vcirillo2@fordham.edu">vcirillo2@fordham.edu</a></td>
</tr>
<tr>
<td>Clark, Kendall</td>
<td>Brown University</td>
<td>Saint John’s University</td>
<td><a href="mailto:clark.kendallj@gmail.com">clark.kendallj@gmail.com</a></td>
</tr>
<tr>
<td>Clayton, Alyssa</td>
<td>Brown University</td>
<td>San Diego Mesa College</td>
<td><a href="mailto:alyssakclayton@gmail.com">alyssakclayton@gmail.com</a></td>
</tr>
<tr>
<td>Coello, Pablo</td>
<td>Harvard University</td>
<td>University of Texas at Austin</td>
<td><a href="mailto:pcoello2010@gmail.com">pcoello2010@gmail.com</a></td>
</tr>
<tr>
<td>Cole, Carson</td>
<td>Brown University</td>
<td>Weber State University</td>
<td><a href="mailto:carsoncalcole1@gmail.com">carsoncalcole1@gmail.com</a></td>
</tr>
<tr>
<td>Cole, Dezmond</td>
<td>Johns Hopkins University</td>
<td>University of Montevallo</td>
<td><a href="mailto:dcole3@forum.montevallo.edu">dcole3@forum.montevallo.edu</a></td>
</tr>
<tr>
<td>Colon Plaza, Sarah</td>
<td>University of Colorado Boulder</td>
<td>Florida International University</td>
<td><a href="mailto:colon.sarah01@gmail.com">colon.sarah01@gmail.com</a></td>
</tr>
<tr>
<td>Contreras, Veronica</td>
<td>University of Colorado Boulder</td>
<td>UC Davis</td>
<td><a href="mailto:vacontreras@ucdavis.edu">vacontreras@ucdavis.edu</a></td>
</tr>
<tr>
<td>Corseri, Adrianne</td>
<td>Harvard University</td>
<td>City College of New York</td>
<td><a href="mailto:adrianne.corseri@gmail.com">adrianne.corseri@gmail.com</a></td>
</tr>
<tr>
<td>Cort, Anthony</td>
<td>Johns Hopkins University</td>
<td>University of Michigan</td>
<td><a href="mailto:anthony.cort@yahoo.com">anthony.cort@yahoo.com</a></td>
</tr>
<tr>
<td>Coto, Andrea</td>
<td>Stanford University</td>
<td>San Jose State University</td>
<td><a href="mailto:andrea.coto@sjtu.edu">andrea.coto@sjtu.edu</a></td>
</tr>
<tr>
<td>Coto Villanueva, Miguel</td>
<td>University of Colorado Boulder</td>
<td>San Francisco State University</td>
<td><a href="mailto:mecoto7@gmail.com">mecoto7@gmail.com</a></td>
</tr>
<tr>
<td>Crawley, Kristina</td>
<td>University of Virginia</td>
<td>Elizabeth City State University</td>
<td><a href="mailto:krismacra1@aol.com">krismacra1@aol.com</a></td>
</tr>
<tr>
<td>Cruz, Bianca</td>
<td>Stanford University</td>
<td>California State Polytechnic University, Pomona</td>
<td><a href="mailto:bccruz@stanford.edu">bccruz@stanford.edu</a></td>
</tr>
<tr>
<td>Cruz Fonseca, Dylan</td>
<td>Dartmouth College</td>
<td>UPR-Rio Piedras</td>
<td><a href="mailto:dylan.cruz1@upr.edu">dylan.cruz1@upr.edu</a></td>
</tr>
<tr>
<td>Cruz-Vazquez, Paula</td>
<td>New York University</td>
<td>UPR-Rio Piedras</td>
<td><a href="mailto:paula.cruz5@upr.edu">paula.cruz5@upr.edu</a></td>
</tr>
<tr>
<td>Name</td>
<td>University</td>
<td>Email Address</td>
<td></td>
</tr>
<tr>
<td>---------------------------</td>
<td>---------------------------------</td>
<td>----------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>Curry, Samuel</td>
<td>University of Pennsylvania</td>
<td><a href="mailto:samuel.curry@morehouse.edu">samuel.curry@morehouse.edu</a></td>
<td></td>
</tr>
<tr>
<td>Dickerson, Edward</td>
<td>Brown University</td>
<td><a href="mailto:eddiedickerson5@gmail.com">eddiedickerson5@gmail.com</a></td>
<td></td>
</tr>
<tr>
<td>Eruaga, Isaiah</td>
<td>New York University</td>
<td><a href="mailto:leruaga@csu.fullerton.edu">leruaga@csu.fullerton.edu</a></td>
<td></td>
</tr>
<tr>
<td>Dasta Cruz, Carolina</td>
<td>Dartmouth College</td>
<td><a href="mailto:carolina.dasta@upr.edu">carolina.dasta@upr.edu</a></td>
<td></td>
</tr>
<tr>
<td>Dominguez, Tania</td>
<td>Brown University</td>
<td><a href="mailto:tania_dominguez@brown.edu">tania_dominguez@brown.edu</a></td>
<td></td>
</tr>
<tr>
<td>Fausto, Alejandra</td>
<td>University of Pennsylvania</td>
<td><a href="mailto:alejandra.fausto.692@my.csun.edu">alejandra.fausto.692@my.csun.edu</a></td>
<td></td>
</tr>
<tr>
<td>Daughtry, MarChé</td>
<td>Columbia University</td>
<td><a href="mailto:mtd2@williams.edu">mtd2@williams.edu</a></td>
<td></td>
</tr>
<tr>
<td>Dorfueille, Andy</td>
<td>Vanderbilt University</td>
<td><a href="mailto:andy.dorfueille@morehouse.edu">andy.dorfueille@morehouse.edu</a></td>
<td></td>
</tr>
<tr>
<td>Feliciano, Adariana</td>
<td>University of Chicago</td>
<td><a href="mailto:adariana.feliciano@upr.edu">adariana.feliciano@upr.edu</a></td>
<td></td>
</tr>
<tr>
<td>Davila, David</td>
<td>University of South Florida</td>
<td><a href="mailto:ddd81@miami.edu">ddd81@miami.edu</a></td>
<td></td>
</tr>
<tr>
<td>Dos Santos, Reinaldo</td>
<td>University of Colorado Boulder</td>
<td><a href="mailto:rdossantos2017@fau.edu">rdossantos2017@fau.edu</a></td>
<td></td>
</tr>
<tr>
<td>Rojona Feliciano, Anne</td>
<td>Johns Hopkins University</td>
<td><a href="mailto:axf348@miami.edu">axf348@miami.edu</a></td>
<td></td>
</tr>
<tr>
<td>Davis, Liesel</td>
<td>New York University</td>
<td><a href="mailto:liesel70@g.ucla.edu">liesel70@g.ucla.edu</a></td>
<td></td>
</tr>
<tr>
<td>Douglas, Raquel</td>
<td>Columbia University</td>
<td><a href="mailto:rdd2@williams.edu">rdd2@williams.edu</a></td>
<td></td>
</tr>
<tr>
<td>Fladd, Christopher</td>
<td>University of Virginia</td>
<td><a href="mailto:cwfladd@gmail.com">cwfladd@gmail.com</a></td>
<td></td>
</tr>
<tr>
<td>De La Torre, Rodrigo</td>
<td>Brown University</td>
<td><a href="mailto:rodrigodl196@gmail.com">rodrigodl196@gmail.com</a></td>
<td></td>
</tr>
<tr>
<td>Dunn, Kameron</td>
<td>Stanford University</td>
<td><a href="mailto:kameronidunn@gmail.com">kameronidunn@gmail.com</a></td>
<td></td>
</tr>
<tr>
<td>Flint, Jade</td>
<td>University of Virginia</td>
<td><a href="mailto:jadeflint98@gmail.com">jadeflint98@gmail.com</a></td>
<td></td>
</tr>
<tr>
<td>de Leon, Emily</td>
<td>University of Virginia</td>
<td><a href="mailto:deleonemily45@yahoo.com">deleonemily45@yahoo.com</a></td>
<td></td>
</tr>
<tr>
<td>Eaford, Don</td>
<td>Harvard University</td>
<td>deaforfbroncos.unfcsu.edu</td>
<td></td>
</tr>
<tr>
<td>Flores, Annabelle</td>
<td>Johns Hopkins University</td>
<td><a href="mailto:afloresbonilla1@pucpr.edu">afloresbonilla1@pucpr.edu</a></td>
<td></td>
</tr>
<tr>
<td>DeAngelis, Gabrielle</td>
<td>Brown University</td>
<td><a href="mailto:gadeangelis@clarku.edu">gadeangelis@clarku.edu</a></td>
<td></td>
</tr>
<tr>
<td>Ejohn, Lindsay</td>
<td>Tufts University</td>
<td><a href="mailto:ile10@pitt.edu">ile10@pitt.edu</a></td>
<td></td>
</tr>
<tr>
<td>Flowers, Ambre</td>
<td>Johns Hopkins University</td>
<td><a href="mailto:aflowe10@scmail.spelman.edu">aflowe10@scmail.spelman.edu</a></td>
<td></td>
</tr>
<tr>
<td>Diaz, Jasmine</td>
<td>University of Virginia</td>
<td><a href="mailto:jasmineddiaz@gmail.com">jasmineddiaz@gmail.com</a></td>
<td></td>
</tr>
<tr>
<td>Elliott, Eliza</td>
<td>University of Colorado Boulder</td>
<td><a href="mailto:elliottdee@hollins.edu">elliottdee@hollins.edu</a></td>
<td></td>
</tr>
<tr>
<td>Francia, Marcelo</td>
<td>Johns Hopkins University</td>
<td><a href="mailto:marcelo.francia@upr.edu">marcelo.francia@upr.edu</a></td>
<td></td>
</tr>
<tr>
<td>Diaz, Jessikah</td>
<td>University of Chicago</td>
<td><a href="mailto:jessikahdiaz@gmail.com">jessikahdiaz@gmail.com</a></td>
<td></td>
</tr>
<tr>
<td>Ellison, Mischa</td>
<td>University of Virginia</td>
<td><a href="mailto:emw5m@virginia.edu">emw5m@virginia.edu</a></td>
<td></td>
</tr>
<tr>
<td>Franco-Argueta, Kelvin</td>
<td>University of Virginia</td>
<td><a href="mailto:kfran014@odu.edu">kfran014@odu.edu</a></td>
<td></td>
</tr>
<tr>
<td>Diaz, Laura</td>
<td>UPR-Rio Piedras</td>
<td><a href="mailto:laura.diaz13@upr.edu">laura.diaz13@upr.edu</a></td>
<td></td>
</tr>
<tr>
<td>English, Lauren</td>
<td>Harvard University</td>
<td><a href="mailto:englishlauren2@gmail.com">englishlauren2@gmail.com</a></td>
<td></td>
</tr>
<tr>
<td>Frasier-Klotz, Zoe</td>
<td>University of Virginia</td>
<td><a href="mailto:zfrazierkle@haverford.edu">zfrazierkle@haverford.edu</a></td>
<td></td>
</tr>
<tr>
<td>Name</td>
<td>University</td>
<td>Email Address</td>
<td></td>
</tr>
<tr>
<td>-----------------------</td>
<td>-------------------------------------------------</td>
<td>-----------------------------------------</td>
<td></td>
</tr>
<tr>
<td>Freeman, Daniel</td>
<td>New York University, Clemson University</td>
<td><a href="mailto:freemaf@clemson.edu">freemaf@clemson.edu</a></td>
<td></td>
</tr>
<tr>
<td>Gardner, Gwen</td>
<td>Brown University, Cornell University</td>
<td><a href="mailto:gg62@cornell.edu">gg62@cornell.edu</a></td>
<td></td>
</tr>
<tr>
<td>Gekow, Alex</td>
<td>Yale University, UMass Amherst, UMass Amherst</td>
<td><a href="mailto:agekow@umass.edu">agekow@umass.edu</a></td>
<td></td>
</tr>
<tr>
<td>Gellineau, Hendryck</td>
<td>Weill Cornell Graduate School, Cornell University</td>
<td><a href="mailto:hag62@cornell.edu">hag62@cornell.edu</a></td>
<td></td>
</tr>
<tr>
<td>Gibbs, Synphane</td>
<td>Brown University, North Carolina A&amp;T State</td>
<td><a href="mailto:slgbiggs@aggies.ncat.edu">slgbiggs@aggies.ncat.edu</a></td>
<td></td>
</tr>
<tr>
<td>Gillam, Nora</td>
<td>Vanderbilt University, Indiana University Purdue</td>
<td><a href="mailto:gillamnora@gmail.com">gillamnora@gmail.com</a></td>
<td></td>
</tr>
<tr>
<td>Gladney, Gabriella</td>
<td>University of Virginia, Spelman College</td>
<td><a href="mailto:gggladney@gmail.com">gggladney@gmail.com</a></td>
<td></td>
</tr>
<tr>
<td>Gomez, Andrea</td>
<td>University of Pennsylvania, University of</td>
<td><a href="mailto:gomezand@sas.upenn.edu">gomezand@sas.upenn.edu</a></td>
<td></td>
</tr>
<tr>
<td>Gomez, Steven</td>
<td>Columbia University, Princeton University</td>
<td><a href="mailto:smgomez@princeton.edu">smgomez@princeton.edu</a></td>
<td></td>
</tr>
<tr>
<td>Gonzalez, Caroline</td>
<td>New York University, Dartmouth College</td>
<td><a href="mailto:caroline.e.gonzalez.19@dartmouth.edu">caroline.e.gonzalez.19@dartmouth.edu</a></td>
<td></td>
</tr>
<tr>
<td>Gonzalez, Ivette</td>
<td>University of Colorado Boulder, San Diego State</td>
<td><a href="mailto:ivette.gonzalez_18@yahoo.com">ivette.gonzalez_18@yahoo.com</a></td>
<td></td>
</tr>
<tr>
<td>Gonzalez Di Tillio, Maria</td>
<td>Weill Cornell Medical College, Harvard University</td>
<td><a href="mailto:gonzalezditillio@harvardcollege.edu">gonzalezditillio@harvardcollege.edu</a></td>
<td></td>
</tr>
<tr>
<td>Gonzalez-Barreto, Omar</td>
<td>University of Virginia, UPR-Arecibo</td>
<td><a href="mailto:omar.gonzalez17@upr.edu">omar.gonzalez17@upr.edu</a></td>
<td></td>
</tr>
<tr>
<td>Gonzalez-Medrano, David</td>
<td>University of Virginia, Old Dominion University</td>
<td><a href="mailto:dgonz006@odu.edu">dgonz006@odu.edu</a></td>
<td></td>
</tr>
<tr>
<td>Goyal, Karan</td>
<td>Novartis Institutes for BioMedical Research,</td>
<td><a href="mailto:karan.goyal@vanderbilt.edu">karan.goyal@vanderbilt.edu</a></td>
<td></td>
</tr>
<tr>
<td>Green, Janelle</td>
<td>Johns Hopkins University, Claflin University</td>
<td><a href="mailto:jangreen@claflin.edu">jangreen@claflin.edu</a></td>
<td></td>
</tr>
<tr>
<td>Guerra Schleske, Paulina</td>
<td>University of Pennsylvania, Duke University</td>
<td><a href="mailto:pg107@duke.edu">pg107@duke.edu</a></td>
<td></td>
</tr>
<tr>
<td>Gutierrez, Frank</td>
<td>University of Colorado Boulder, CSU Los Angeles</td>
<td><a href="mailto:fgutie26@calstatela.edu">fgutie26@calstatela.edu</a></td>
<td></td>
</tr>
<tr>
<td>Halloran, Dakota</td>
<td>Johns Hopkins University, Community College of</td>
<td><a href="mailto:hallorand3@gmail.com">hallorand3@gmail.com</a></td>
<td></td>
</tr>
<tr>
<td>Hanna, Cassondra</td>
<td>University of Virginia, Fisk University</td>
<td><a href="mailto:cassondra.hanna@my.fsk.edu">cassondra.hanna@my.fsk.edu</a></td>
<td></td>
</tr>
<tr>
<td>Haoud, Caroline</td>
<td>Weill Cornell Medical College, Columbia University</td>
<td><a href="mailto:ceh2189@columbia.edu">ceh2189@columbia.edu</a></td>
<td></td>
</tr>
<tr>
<td>Harmon, Nia</td>
<td>University of Pennsylvania, Florida State</td>
<td><a href="mailto:nh15e@my.fsu.edu">nh15e@my.fsu.edu</a></td>
<td></td>
</tr>
<tr>
<td>Harris, Kennedy</td>
<td>Weill Cornell Medical College, Tuskegee University</td>
<td><a href="mailto:kennedyharris3@aol.com">kennedyharris3@aol.com</a></td>
<td></td>
</tr>
<tr>
<td>Harris, Lauren</td>
<td>University of Virginia, University of Maryland,</td>
<td><a href="mailto:laurenh3@umbc.edu">laurenh3@umbc.edu</a></td>
<td></td>
</tr>
<tr>
<td>Harris, Marek</td>
<td>Weill Cornell Graduate School, Stanford University</td>
<td><a href="mailto:marekh@stanford.edu">marekh@stanford.edu</a></td>
<td></td>
</tr>
<tr>
<td>Haskin, Gianna</td>
<td>University of Virginia, Xavier University of</td>
<td><a href="mailto:ghaskin@xula.edu">ghaskin@xula.edu</a></td>
<td></td>
</tr>
<tr>
<td>Hassane, Kinaya</td>
<td>Columbia University, Bowdoin College</td>
<td><a href="mailto:khassane@bowdoin.edu">khassane@bowdoin.edu</a></td>
<td></td>
</tr>
<tr>
<td>Hawkins, Rodney</td>
<td>University of Virginia, Saint Augustine College</td>
<td><a href="mailto:rmhawkins@st-aug.edu">rmhawkins@st-aug.edu</a></td>
<td></td>
</tr>
<tr>
<td>Hayward-Lara, Gabriela</td>
<td>University of Pennsylvania, Princeton University</td>
<td><a href="mailto:ghaywardlara@gmail.com">ghaywardlara@gmail.com</a></td>
<td></td>
</tr>
<tr>
<td>Henry, Terry</td>
<td>Brown University, Oakwood College</td>
<td>terry <a href="mailto:henry@oakwood.edu">henry@oakwood.edu</a></td>
<td></td>
</tr>
<tr>
<td>Hernandez, Antonio</td>
<td>University of Virginia, Piedmont Virginia</td>
<td><a href="mailto:aih234@emailvccs.edu">aih234@emailvccs.edu</a></td>
<td></td>
</tr>
<tr>
<td>Hernandez, Kevin</td>
<td>University of Pennsylvania, North Carolina State University</td>
<td><a href="mailto:kahernan@ncsu.edu">kahernan@ncsu.edu</a></td>
<td></td>
</tr>
<tr>
<td>Hernandez, Samuel</td>
<td>Weill Cornell Medical College, Knox College</td>
<td><a href="mailto:samhdez64@gmail.com">samhdez64@gmail.com</a></td>
<td></td>
</tr>
</tbody>
</table>
25 YEARS: A Celebration of Success

Herran, Keren
University of Pennsylvania
University of Maryland, Baltimore County
heke1@umbc.edu

Ikeokwu, Frances
University of Virginia
Edward Waters College
adaezeikeokwu13@yahoo.com

Jeewajee, Swarna
Weill Cornell Medical College
Massachusetts Institute of Technology
skay@mit.edu

Hester, Katelynn
University of Virginia
Southeastern Oklahoma State University
krhester@gmail.com

Irwin, Laura
Columbia University
Saint Edward’s University
laura.l.irwin@gmail.com

Jenkins Taylor, Vashti
University of Virginia
Florida A&M University
marie.vjt@gmail.com

Hickman, Mia
University of Virginia
Morgan State University
miarhickman@gmail.com

Jackson, Amber
University of Virginia
George Mason University
ajacks48@masonlive.gmu.edu

Jeronimo, Carlos
Weill Cornell Graduate School
Lehman College CUNY
jeronimocarlos78@gmail.com

Hill, Darryl
Harvard University
Morehouse College
darryl.hill@morehouse.edu

Jackson, Katelyn
New York University
Mississippi State University
ekj56@msstate.edu

Ji, Jonathan
New York University
New York University
jhi317@nyu.edu

Hinojo, Andy
University of Miami
Iowa State University
ahinojo@iastate.edu

Jackson, Katelyn
University of Virginia
Spelman College
kjacks96@scmail.spelman.edu

Johnson, Alexia
Columbia University
University of Miami
aaj57@miami.edu

Holness, Micah
Brown University
Xavier University of Louisiana
micahh222@gmail.com

Jacobs, Malek
Vanderbilt University
Cornell University
mqj2@cornell.edu

Johnson, Jafira
Weill Cornell Graduate School
University of Maryland, Baltimore County
j138@umbc.edu

Hsu, Jesse
Yale University
Ithaca College
jhsu@ithaca.edu

Jalloh, Mariama
University of Virginia
Spelman College
mariasjal@gmail.com

Johnson, Jaleese
University of Chicago
Xavier University of Louisiana
jjohns69@xula.edu

Hunter, Chanelle
Vanderbilt University
University of Central Florida
hunterc16@knights.ucf.edu

Jarrett, Isria
Vanderbilt University
Belmont University
isria.jarrett@vanderbilt.edu

Jones, Alexis
University of Virginia
Bennett College
alexis.jones@bennett.edu

Hunter, Sydne
Brown University
Stockton University
hunters6@go.stockton.edu

Jassim, Karim
University of South Florida
Vanderbilt University
karim.jassim@vanderbilt.edu

Jones, Erielle
University of Virginia
University of Missouri-Columbia
Ejb8@mail.missouri.edu

Hwang, Jongin
New York University
University of Georgia
jhwang5@uga.edu

Jean, Erin
University of Pennsylvania
Hampton University
jean.erin@hotmail.com

Karabinas, Isabella
Weill Cornell Medical College
Oregon State University
ikarabinas@gmail.com

Ibrahim, Reem
Brown University
Smith College
reem.ibrahim.smith.2020@gmail.com

Jean-Pierre, Makheni
Weill Cornell Medical College
SUNY Stony Brook
makhe02@yahoo.fr

Karod, Madeline
Brown University
Simmons College
karod@simmons.edu
<table>
<thead>
<tr>
<th>Name</th>
<th>University 1</th>
<th>University 2</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kattoura, Nicholas</td>
<td>New York University</td>
<td>Oberlin College</td>
<td><a href="mailto:nkattour@oberlin.edu">nkattour@oberlin.edu</a></td>
</tr>
<tr>
<td>Keita, Nasitta</td>
<td>University of Virginia</td>
<td>University of Wisconsin Madison</td>
<td><a href="mailto:nkeita@wisc.edu">nkeita@wisc.edu</a></td>
</tr>
<tr>
<td>Kelly, Iyani</td>
<td>Harvard University</td>
<td>Clark Atlanta University</td>
<td><a href="mailto:iyaniizaire98@gmail.com">iyaniizaire98@gmail.com</a></td>
</tr>
<tr>
<td>Khalid, Mohammed</td>
<td>Johns Hopkins University</td>
<td>Community College of Baltimore County</td>
<td><a href="mailto:kha996428@email.ccbcmd.edu">kha996428@email.ccbcmd.edu</a></td>
</tr>
<tr>
<td>Khalizova, Nailya</td>
<td>New York University</td>
<td>Hunter College</td>
<td><a href="mailto:nailya.khalizova@gmail.com">nailya.khalizova@gmail.com</a></td>
</tr>
<tr>
<td>Khan, Asma</td>
<td>Johns Hopkins University</td>
<td>Community College of Baltimore County</td>
<td><a href="mailto:samakhan023@gmail.com">samakhan023@gmail.com</a></td>
</tr>
<tr>
<td>Kijakazi, Dalia</td>
<td>University of Virginia</td>
<td>Spelman College</td>
<td><a href="mailto:d.kijakazi@gmail.com">d.kijakazi@gmail.com</a></td>
</tr>
<tr>
<td>Knight, Rayshawn</td>
<td>University of Maryland, Baltimore County</td>
<td>Western Carolina University</td>
<td><a href="mailto:rrknight1@catamount.wcu.edu">rrknight1@catamount.wcu.edu</a></td>
</tr>
<tr>
<td>Krikorian, Georgia</td>
<td>Weill Cornell Medical College</td>
<td>Smith College</td>
<td><a href="mailto:georgiakrikorian@gmail.com">georgiakrikorian@gmail.com</a></td>
</tr>
<tr>
<td>Kumar, Rachit</td>
<td>Johns Hopkins University</td>
<td>Georgia Institute of Technology</td>
<td><a href="mailto:rkumar@gatech.edu">rkumar@gatech.edu</a></td>
</tr>
<tr>
<td>Lane, Amanda</td>
<td>University of Virginia</td>
<td>Whitman College</td>
<td><a href="mailto:alane@poets.whittier.edu">alane@poets.whittier.edu</a></td>
</tr>
<tr>
<td>LaRiccia, Dante</td>
<td>New York University</td>
<td>New York University</td>
<td><a href="mailto:dgl271@nyu.edu">dgl271@nyu.edu</a></td>
</tr>
<tr>
<td>Laurore, Emily</td>
<td>University of Virginia</td>
<td>Spelman College</td>
<td><a href="mailto:elaurore@scmail.spelman.edu">elaurore@scmail.spelman.edu</a></td>
</tr>
<tr>
<td>Lawal, Dorcas</td>
<td>Johns Hopkins University</td>
<td>Ohio State University</td>
<td><a href="mailto:lawal.10@osu.edu">lawal.10@osu.edu</a></td>
</tr>
<tr>
<td>Lawrence, Aliana</td>
<td>Vanderbilt University</td>
<td>Spelman College</td>
<td><a href="mailto:alawre17@scmail.spelman.edu">alawre17@scmail.spelman.edu</a></td>
</tr>
<tr>
<td>Lee, Isaac</td>
<td>Harvard University</td>
<td>Yale University</td>
<td><a href="mailto:isaac.lee@u.yale-nus.edu.sg">isaac.lee@u.yale-nus.edu.sg</a></td>
</tr>
<tr>
<td>Lerch, Cameron</td>
<td>Yale University</td>
<td>Missouri University of Science &amp; Technology</td>
<td><a href="mailto:cj4kd@mst.edu">cj4kd@mst.edu</a></td>
</tr>
<tr>
<td>Lojano, Andres</td>
<td>University of Pennsylvania</td>
<td>Hunter College</td>
<td><a href="mailto:abermeo95@hotmail.com">abermeo95@hotmail.com</a></td>
</tr>
<tr>
<td>Lopez, Christian</td>
<td>Johns Hopkins University</td>
<td>University of Dallas</td>
<td><a href="mailto:clopez3@udallas.edu">clopez3@udallas.edu</a></td>
</tr>
<tr>
<td>Luck, Cuyler</td>
<td>University of Pennsylvania</td>
<td>Pennsylvania State University</td>
<td><a href="mailto:chl131@psu.edu">chl131@psu.edu</a></td>
</tr>
<tr>
<td>Lund, Ethen</td>
<td>Yale University</td>
<td>Pomona College</td>
<td><a href="mailto:etlu2015@ymail.pomona.edu">etlu2015@ymail.pomona.edu</a></td>
</tr>
<tr>
<td>Lysandrou, Maria</td>
<td>Weill Cornell Graduate School</td>
<td>University of Chicago</td>
<td><a href="mailto:lysandrou@uchicago.edu">lysandrou@uchicago.edu</a></td>
</tr>
<tr>
<td>Macias, Alejandro</td>
<td>University of Pennsylvania</td>
<td>CSU Northridge</td>
<td><a href="mailto:alejandro.macias.114@my.csun.edu">alejandro.macias.114@my.csun.edu</a></td>
</tr>
<tr>
<td>Magana, Jennifer</td>
<td>University of Virginia</td>
<td>University at Albany SUNY</td>
<td><a href="mailto:jmagana@albany.edu">jmagana@albany.edu</a></td>
</tr>
<tr>
<td>Maltos, Elena</td>
<td>University of Virginia</td>
<td>Heritage University</td>
<td><a href="mailto:maltose1@heritage.edu">maltose1@heritage.edu</a></td>
</tr>
<tr>
<td>Mamani, Tatiana</td>
<td>Johns Hopkins University</td>
<td>Santa Rosa Junior College</td>
<td><a href="mailto:tmamani44@gmail.com">tmamani44@gmail.com</a></td>
</tr>
<tr>
<td>Manz, Samantha</td>
<td>Columbia University</td>
<td>Macalester College</td>
<td><a href="mailto:smanz@macalester.edu">smanz@macalester.edu</a></td>
</tr>
<tr>
<td>Marin, Jonnathan</td>
<td>Dartmouth College</td>
<td>Rider University</td>
<td><a href="mailto:marinj@rider.edu">marinj@rider.edu</a></td>
</tr>
<tr>
<td>Marmol, Yorkiris</td>
<td>Weill Cornell Medical College</td>
<td>Vassar College</td>
<td><a href="mailto:ymarmol@vassar.edu">ymarmol@vassar.edu</a></td>
</tr>
<tr>
<td>Martinez, Cristian</td>
<td>University of Pennsylvania</td>
<td>UPR-Rio Piedras</td>
<td><a href="mailto:Cristian.martinez11@upr.edu">Cristian.martinez11@upr.edu</a></td>
</tr>
<tr>
<td>Matthews, Grace</td>
<td>Yale University</td>
<td>North Carolina State University</td>
<td><a href="mailto:gematth2@ncsu.edu">gematth2@ncsu.edu</a></td>
</tr>
<tr>
<td>Mayfield, Aislinn</td>
<td>Harvard University</td>
<td>Carleton College</td>
<td><a href="mailto:aislinnmayfield@gmail.com">aislinnmayfield@gmail.com</a></td>
</tr>
<tr>
<td>Mazarijegos, Eric</td>
<td>Columbia University</td>
<td>University of California Los Angeles UCLA</td>
<td><a href="mailto:ericbeige@gmail.com">ericbeige@gmail.com</a></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Name</th>
<th>School 1</th>
<th>School 2</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>McDuffie, Joshua</td>
<td>University of Colorado Boulder</td>
<td>North Carolina A&amp;T State University</td>
<td><a href="mailto:jmcduffie16@gmail.com">jmcduffie16@gmail.com</a></td>
</tr>
<tr>
<td>McElligott, Sacha</td>
<td>Brown University</td>
<td>New York University</td>
<td><a href="mailto:skm440@nyu.edu">skm440@nyu.edu</a></td>
</tr>
<tr>
<td>McElroy, Asha</td>
<td>Howard University</td>
<td>North Carolina A&amp;T State University</td>
<td><a href="mailto:ashaimani@yahoo.com">ashaimani@yahoo.com</a></td>
</tr>
<tr>
<td>McKinney, Jessica</td>
<td>Johns Hopkins University</td>
<td>Community College of Baltimore County</td>
<td><a href="mailto:jessicam3690@gmail.com">jessicam3690@gmail.com</a></td>
</tr>
<tr>
<td>McManus, Collin</td>
<td>New York University</td>
<td>Rutgers University</td>
<td><a href="mailto:ctm123@scarletmail.rutgers.edu">ctm123@scarletmail.rutgers.edu</a></td>
</tr>
<tr>
<td>McNish, Brianna</td>
<td>University of Pennsylvania</td>
<td>University of Connecticut</td>
<td><a href="mailto:brianna.mcnish@uconn.edu">brianna.mcnish@uconn.edu</a></td>
</tr>
<tr>
<td>Mekbib, Hannah</td>
<td>Columbia University</td>
<td>Boston University</td>
<td><a href="mailto:htmekbib@bu.edu">htmekbib@bu.edu</a></td>
</tr>
<tr>
<td>Melder, Theodore</td>
<td>Vanderbilt University</td>
<td>Xavier University of Louisiana</td>
<td><a href="mailto:theodore.d.melder@vanderbilt.edu">theodore.d.melder@vanderbilt.edu</a></td>
</tr>
<tr>
<td>Mendoza, Alicia</td>
<td>New York University</td>
<td>Ohio State University</td>
<td><a href="mailto:mendoza.742@osu.edu">mendoza.742@osu.edu</a></td>
</tr>
<tr>
<td>Mercado, Nathan</td>
<td>New York University</td>
<td>UC Riverside</td>
<td><a href="mailto:nmerc002@ucr.edu">nmerc002@ucr.edu</a></td>
</tr>
<tr>
<td>Mercedes, Marquisele</td>
<td>Brown University</td>
<td>Hunter College</td>
<td><a href="mailto:marquisele.m@gmail.com">marquisele.m@gmail.com</a></td>
</tr>
<tr>
<td>Miller, Michelle</td>
<td>University of Virginia</td>
<td>Fairfield University</td>
<td><a href="mailto:michelle.miller1@student.fairfield.edu">michelle.miller1@student.fairfield.edu</a></td>
</tr>
<tr>
<td>Mitchell-Velasquez, Erick</td>
<td>University of Pennsylvania</td>
<td>CSU Northridge</td>
<td><a href="mailto:erick.mitchell.669@my.csun.edu">erick.mitchell.669@my.csun.edu</a></td>
</tr>
<tr>
<td>Montelongo, Javier</td>
<td>University of Pennsylvania</td>
<td>California Lutheran University</td>
<td><a href="mailto:javieramontelongo@yahoo.com">javieramontelongo@yahoo.com</a></td>
</tr>
<tr>
<td>Montes, Christian</td>
<td>University of Colorado Boulder</td>
<td>CSU Stanislaus</td>
<td><a href="mailto:cmontes3@csustain.edu">cmontes3@csustain.edu</a></td>
</tr>
<tr>
<td>Moore, Kelsey</td>
<td>New York University</td>
<td>New York University</td>
<td><a href="mailto:kam948@nyu.edu">kam948@nyu.edu</a></td>
</tr>
<tr>
<td>Morales, Jasmin</td>
<td>Harvard University</td>
<td>UC Santa Barbara</td>
<td><a href="mailto:jasminmorales@umail.ucsb.edu">jasminmorales@umail.ucsb.edu</a></td>
</tr>
<tr>
<td>Moreno-Flores, Omar</td>
<td>Vanderbilt University</td>
<td>Heritage University</td>
<td><a href="mailto:morenoo1@heritage.edu">morenoo1@heritage.edu</a></td>
</tr>
<tr>
<td>Morris, Myshal</td>
<td>Harvard University</td>
<td>Langston University</td>
<td><a href="mailto:myshal34@gmail.com">myshal34@gmail.com</a></td>
</tr>
<tr>
<td>Moss, Marissa</td>
<td>University of Chicago</td>
<td>Indiana University-Bloomington</td>
<td><a href="mailto:marimoss@indiana.edu">marimoss@indiana.edu</a></td>
</tr>
<tr>
<td>Muñoz, Andrew</td>
<td>Johns Hopkins University</td>
<td>George Fox University</td>
<td><a href="mailto:amunoz17@georgefox.edu">amunoz17@georgefox.edu</a></td>
</tr>
<tr>
<td>Muro Barrios, Raymundo</td>
<td>Johns Hopkins University</td>
<td>University of Illinois at Urbana-Champaign</td>
<td><a href="mailto:murobar2@illinois.edu">murobar2@illinois.edu</a></td>
</tr>
<tr>
<td>Negri, Alberta</td>
<td>New York University</td>
<td>University of Cincinnati</td>
<td><a href="mailto:negrial@mail.uc.edu">negrial@mail.uc.edu</a></td>
</tr>
<tr>
<td>Nesper, Jonathan</td>
<td>University of Virginia</td>
<td>University of Central Florida</td>
<td><a href="mailto:Jnesper@knights.ucf.edu">Jnesper@knights.ucf.edu</a></td>
</tr>
<tr>
<td>Newsome, Emmanuel</td>
<td>Yale University</td>
<td>University of Maryland, Baltimore County</td>
<td><a href="mailto:newsome.emmanuel@gmail.com">newsome.emmanuel@gmail.com</a></td>
</tr>
<tr>
<td>Nguyen, David</td>
<td>University of Chicago</td>
<td>University of California Los Angeles UCLA</td>
<td><a href="mailto:david.nguyen@ucla.edu">david.nguyen@ucla.edu</a></td>
</tr>
<tr>
<td>Nguyen, Jenny</td>
<td>Johns Hopkins University</td>
<td>University of Pennsylvania</td>
<td><a href="mailto:jennyn21@seas.upenn.edu">jennyn21@seas.upenn.edu</a></td>
</tr>
<tr>
<td>Nociari, Juliana</td>
<td>Weill Cornell Graduate School</td>
<td>New York University</td>
<td><a href="mailto:jmn447@nyu.edu">jmn447@nyu.edu</a></td>
</tr>
</tbody>
</table>

25 YEARS: A Celebration of Success
<table>
<thead>
<tr>
<th>Name</th>
<th>University or Institution</th>
<th>Contact Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Noor, Mahlaqua</td>
<td>New York University Jacobs University Bremen</td>
<td><a href="mailto:ma.noor@jacobs-university.de">ma.noor@jacobs-university.de</a></td>
</tr>
<tr>
<td>Palmer, Jasmin</td>
<td>Johns Hopkins University Massachusetts Institute of Technology</td>
<td><a href="mailto:jasmnp@mit.edu">jasmnp@mit.edu</a></td>
</tr>
<tr>
<td>Perez Torres, Melina</td>
<td>University of Pennsylvania UPR-Rio Piedras</td>
<td><a href="mailto:melina.perez22@upr.edu">melina.perez22@upr.edu</a></td>
</tr>
<tr>
<td>Norman Ing, Nainoa</td>
<td>Vanderbilt University Chaminade University of Honolulu</td>
<td><a href="mailto:nainoa.normaning@student.chaminade.edu">nainoa.normaning@student.chaminade.edu</a></td>
</tr>
<tr>
<td>Paniccia, Gabrielle</td>
<td>Weill Cornell Graduate School Stony Brook</td>
<td><a href="mailto:gabrielle.paniccia@stonybrook.edu">gabrielle.paniccia@stonybrook.edu</a></td>
</tr>
<tr>
<td>Luisa Ponce, Maria</td>
<td>University of Miami San Jose State University</td>
<td><a href="mailto:poncemaria.luisa9@gmail.com">poncemaria.luisa9@gmail.com</a></td>
</tr>
<tr>
<td>Olais, Jose</td>
<td>University of Virginia Northern Arizona University</td>
<td><a href="mailto:jao257@nau.edu">jao257@nau.edu</a></td>
</tr>
<tr>
<td>Paramo, Carlos</td>
<td>University of Virginia UC Berkeley</td>
<td><a href="mailto:paramobrotz@berkeley.edu">paramobrotz@berkeley.edu</a></td>
</tr>
<tr>
<td>Posada, Luisa</td>
<td>University of Chicago University of Florida</td>
<td><a href="mailto:luaposada@ufl.edu">luaposada@ufl.edu</a></td>
</tr>
<tr>
<td>Olivieri, Joseph</td>
<td>University of Pennsylvania San Diego State University</td>
<td><a href="mailto:joey.olivieri@yahoo.com">joey.olivieri@yahoo.com</a></td>
</tr>
<tr>
<td>Parker, Sarah</td>
<td>Brown University University of Central Florida</td>
<td><a href="mailto:sparkler869@knights.ucf.edu">sparkler869@knights.ucf.edu</a></td>
</tr>
<tr>
<td>Posadas, Rebekah</td>
<td>University of Pennsylvania CSU San Bernardino</td>
<td><a href="mailto:rebekahposadas96@gmail.com">rebekahposadas96@gmail.com</a></td>
</tr>
<tr>
<td>Omar, Javier</td>
<td>University of Pennsylvania Emory University</td>
<td><a href="mailto:javieromar2019@gmail.com">javieromar2019@gmail.com</a></td>
</tr>
<tr>
<td>Paramo, Sharon</td>
<td>Johns Hopkins University Oakwood College</td>
<td><a href="mailto:parkinsonsharon@hotmail.com">parkinsonsharon@hotmail.com</a></td>
</tr>
<tr>
<td>Pruitt, Kimara</td>
<td>University of Virginia Spelman College</td>
<td><a href="mailto:kpruitt2@scmail.spelman.edu">kpruitt2@scmail.spelman.edu</a></td>
</tr>
<tr>
<td>Ortega, Yohaniz</td>
<td>Johns Hopkins University UPR-Humacao</td>
<td><a href="mailto:yohaniz.ortega@upr.edu">yohaniz.ortega@upr.edu</a></td>
</tr>
<tr>
<td>Patterson, Samuel</td>
<td>Harvard University University of Maryland, Baltimore County</td>
<td><a href="mailto:patsam1@umbc.edu">patsam1@umbc.edu</a></td>
</tr>
<tr>
<td>Qualls, Anita</td>
<td>New York University University of Georgia</td>
<td><a href="mailto:anitaqualls@uga.edu">anitaqualls@uga.edu</a></td>
</tr>
<tr>
<td>Ortiz Alvarez, Melanie</td>
<td>Brown University UPR-Rio Piedras</td>
<td><a href="mailto:melanie.ortiz11@upr.edu">melanie.ortiz11@upr.edu</a></td>
</tr>
<tr>
<td>Paucar, Yoselin</td>
<td>New York University John Jay College of Criminal Justice CUNY</td>
<td><a href="mailto:yoselin.paucar@macaulay.cuny.edu">yoselin.paucar@macaulay.cuny.edu</a></td>
</tr>
<tr>
<td>Ramirez, Jennifer</td>
<td>University of Chicago UPR-Mayaguez</td>
<td><a href="mailto:jennifer.ramirez3@upr.edu">jennifer.ramirez3@upr.edu</a></td>
</tr>
<tr>
<td>Osea-Boaman, Karen</td>
<td>Vanderbilt University Xavier University of Louisiana</td>
<td><a href="mailto:koseiba@xula.edu">koseiba@xula.edu</a></td>
</tr>
<tr>
<td>Pearson, Hannah</td>
<td>Harvard University North Dakota State University</td>
<td><a href="mailto:hannah.i.pearson@ndsu.edu">hannah.i.pearson@ndsu.edu</a></td>
</tr>
<tr>
<td>Ramos, Andres</td>
<td>Dartmouth College UPR-Rio Piedras</td>
<td><a href="mailto:ramosandres443@gmail.com">ramosandres443@gmail.com</a></td>
</tr>
<tr>
<td>Otero Gonzalez, Estrella</td>
<td>University of Pennsylvania UPR-Rio Piedras</td>
<td><a href="mailto:estrella.oteroy@upr.edu">estrella.oteroy@upr.edu</a></td>
</tr>
<tr>
<td>Pena, Isabel</td>
<td>Harvard University Williams College</td>
<td><a href="mailto:iep1@williams.edu">iep1@williams.edu</a></td>
</tr>
<tr>
<td>Ramos-Jordan, Katerina</td>
<td>Brown University UPR-Rio Piedras</td>
<td><a href="mailto:katerina.ramos@upr.edu">katerina.ramos@upr.edu</a></td>
</tr>
<tr>
<td>Pacheco, Marguerite</td>
<td>University of Pennsylvania Smith College</td>
<td><a href="mailto:mpacheco@smith.edu">mpacheco@smith.edu</a></td>
</tr>
<tr>
<td>Pereda, Guillermo</td>
<td>Johns Hopkins University University of Chicago</td>
<td><a href="mailto:gpereda17@gmail.com">gpereda17@gmail.com</a></td>
</tr>
<tr>
<td>Ranjbaran, Ali</td>
<td>New York University West Virginia University</td>
<td><a href="mailto:alranjbaran@mix.wvu.edu">alranjbaran@mix.wvu.edu</a></td>
</tr>
<tr>
<td>Palacios, Andrew</td>
<td>Columbia University Columbia University</td>
<td><a href="mailto:ap3672@columbia.edu">ap3672@columbia.edu</a></td>
</tr>
<tr>
<td>Perez Rodriguez, Mathiu</td>
<td>Harvard University City College of New York</td>
<td><a href="mailto:mathiuperez@outlook.com">mathiuperez@outlook.com</a></td>
</tr>
<tr>
<td>Reese, Asia</td>
<td>Johns Hopkins University Spelman College</td>
<td><a href="mailto:areese11@scmail.spelman.edu">areese11@scmail.spelman.edu</a></td>
</tr>
<tr>
<td>Name</td>
<td>Affiliations</td>
<td>Email Address</td>
</tr>
<tr>
<td>-----------------------------</td>
<td>------------------------------------------------------------------------------</td>
<td>----------------------------------------</td>
</tr>
<tr>
<td>Reinhold-Larsson, Nicole</td>
<td>Harvard University, Ohio State University</td>
<td><a href="mailto:reinhold-larsson.2@osu.edu">reinhold-larsson.2@osu.edu</a></td>
</tr>
<tr>
<td>Rivera, Alma</td>
<td>University of Virginia, University of Virginia</td>
<td><a href="mailto:arr5qs@virginia.edu">arr5qs@virginia.edu</a></td>
</tr>
<tr>
<td>Roehr, Gabrielle</td>
<td>New York University, New York University</td>
<td><a href="mailto:groehr@nyu.edu">groehr@nyu.edu</a></td>
</tr>
<tr>
<td>Remick, Brenna</td>
<td>Novartis Institutes for BioMedical Research, Cornell University</td>
<td><a href="mailto:bcr43@cornell.edu">bcr43@cornell.edu</a></td>
</tr>
<tr>
<td>Rivera-Fuentes, Nicole</td>
<td>University of Pennsylvania, UPR-Rio Piedras</td>
<td><a href="mailto:nicole.rivera57@upr.edu">nicole.rivera57@upr.edu</a></td>
</tr>
<tr>
<td>Romney, Carlan</td>
<td>Brown University, University of the Virgin Islands</td>
<td><a href="mailto:carlan.romney@yahoo.com">carlan.romney@yahoo.com</a></td>
</tr>
<tr>
<td>Renald, Savanha</td>
<td>University of Chicago, University of Florida</td>
<td><a href="mailto:srenald@ufl.edu">srenald@ufl.edu</a></td>
</tr>
<tr>
<td>Rivera-López, Carlos</td>
<td>Harvard University, UPR-Mayaguez</td>
<td><a href="mailto:carlos.rivera106@upr.edu">carlos.rivera106@upr.edu</a></td>
</tr>
<tr>
<td>Rosario, Derick</td>
<td>University of Pennsylvania, UPR-Rio Piedras</td>
<td><a href="mailto:derick.rosario@upr.edu">derick.rosario@upr.edu</a></td>
</tr>
<tr>
<td>Rex, Madison</td>
<td>Weill Cornell Medical College, University of Texas at Austin</td>
<td><a href="mailto:madisonrx49@gmail.com">madisonrx49@gmail.com</a></td>
</tr>
<tr>
<td>Roach, Tiffany</td>
<td>University of Pennsylvania, Stockton University</td>
<td><a href="mailto:roacht1@go.stockton.edu">roacht1@go.stockton.edu</a></td>
</tr>
<tr>
<td>Rosado-González, Gabriela</td>
<td>University of Pennsylvania, UPR-Rio Piedras</td>
<td><a href="mailto:gabriela.rosado2@upr.edu">gabriela.rosado2@upr.edu</a></td>
</tr>
<tr>
<td>Reyes, Joel</td>
<td>Harvard University, University of Texas at El Paso</td>
<td><a href="mailto:joel_reyes@hms.harvard.edu">joel_reyes@hms.harvard.edu</a></td>
</tr>
<tr>
<td>Robbins, Charles</td>
<td>Vanderbilt University, Florida State University</td>
<td><a href="mailto:cj14@my.fsu.edu">cj14@my.fsu.edu</a></td>
</tr>
<tr>
<td>Romney, Carlan</td>
<td>Brown University, University of the Virgin Islands</td>
<td><a href="mailto:carlan.romney@yahoo.com">carlan.romney@yahoo.com</a></td>
</tr>
<tr>
<td>Reyes, Michaela</td>
<td>Dartmouth College, Barry University</td>
<td><a href="mailto:michaela.reyes@mymail.barry.edu">michaela.reyes@mymail.barry.edu</a></td>
</tr>
<tr>
<td>Robbins, Victoria</td>
<td>Johns Hopkins University, Dillard University</td>
<td><a href="mailto:Victoria.Robertson@Dillard.edu">Victoria.Robertson@Dillard.edu</a></td>
</tr>
<tr>
<td>Rosen, Mikaela</td>
<td>Weill Cornell Graduate School, University of Richmond</td>
<td><a href="mailto:mikirose13@gmail.com">mikirose13@gmail.com</a></td>
</tr>
<tr>
<td>Reyes Aguirre, Karla</td>
<td>Harvard University, Harvard University</td>
<td><a href="mailto:karlasofar@gmail.com">karlasofar@gmail.com</a></td>
</tr>
<tr>
<td>Robusto, Brian</td>
<td>New York University, University of Florida</td>
<td><a href="mailto:brian0305@ufl.edu">brian0305@ufl.edu</a></td>
</tr>
<tr>
<td>Rossell-Eddy, Diana</td>
<td>University of Colorado Boulder, Front Range Community College</td>
<td><a href="mailto:dmr1989@gmail.com">dmr1989@gmail.com</a></td>
</tr>
<tr>
<td>Reyes Gallegos, Elizabeth</td>
<td>University of Colorado Boulder, CSU Monterey Bay</td>
<td><a href="mailto:ereyesgallegos@csumb.edu">ereyesgallegos@csumb.edu</a></td>
</tr>
<tr>
<td>Rodriguez, Eric</td>
<td>University of Pennsylvania, UPR-Ponce</td>
<td><a href="mailto:eric.rodriguez13@upr.edu">eric.rodriguez13@upr.edu</a></td>
</tr>
<tr>
<td>Rossell-Eddy, Diana</td>
<td>University of Colorado Boulder, Front Range Community College</td>
<td><a href="mailto:dmr1989@gmail.com">dmr1989@gmail.com</a></td>
</tr>
<tr>
<td>Ricard, Jordyn</td>
<td>Harvard University, Northwestern University</td>
<td><a href="mailto:jordynricard2020@u.northwestern.edu">jordynricard2020@u.northwestern.edu</a></td>
</tr>
<tr>
<td>Rodriguez-Sierra, Efrain</td>
<td>University of Miami, UPR-Rio Piedras</td>
<td><a href="mailto:efrain.rodriguez6@upr.edu">efrain.rodriguez6@upr.edu</a></td>
</tr>
<tr>
<td>Rubin, Jeremy</td>
<td>University of Pennsylvania, University of Maryland, Baltimore County</td>
<td><a href="mailto:jrub1@umbc.edu">jrub1@umbc.edu</a></td>
</tr>
<tr>
<td>Riley, Ciarra</td>
<td>University of Maryland, Baltimore County, CSU Long Beach</td>
<td><a href="mailto:ciarrarlcrey@gmail.com">ciarrarlcrey@gmail.com</a></td>
</tr>
<tr>
<td>Rodriguez-Villafañe, Andrea</td>
<td>Brown University, UPR-Rio Piedras</td>
<td><a href="mailto:andre4rodriguez@gmail.com">andre4rodriguez@gmail.com</a></td>
</tr>
<tr>
<td>Rudic, Tamara</td>
<td>University of Chicago, Brown University</td>
<td><a href="mailto:tamara_rudic@brown.edu">tamara_rudic@brown.edu</a></td>
</tr>
<tr>
<td>Ringham, Olivia</td>
<td>Tufts University, UMass Amherst</td>
<td><a href="mailto:oringham@umass.edu">oringham@umass.edu</a></td>
</tr>
<tr>
<td>Roebke, Gwendalynn</td>
<td>University of Colorado Boulder, University of Colorado Boulder</td>
<td><a href="mailto:smart@colorado.edu">smart@colorado.edu</a></td>
</tr>
<tr>
<td>Ruiz García, Janeth</td>
<td>University of Virginia, University of Texas Permian Basin</td>
<td><a href="mailto:janethruja@gmail.com">janethruja@gmail.com</a></td>
</tr>
</tbody>
</table>
Salazar, Rio
Johns Hopkins University
Williams College
riojs.sb@gmail.com

Santos, Daniella
Brown University
UPR-Rio Piedras
daniella_santos@brown.edu

Shin, Sarah
New York University
University of Missouri-Kansas City
sarahshin64@gmail.com

Salim, Jamila
University of Virginia
Syracuse University
jbsalim@syr.edu

Sarcone, Camila
University of Pennsylvania
Florida International University
csarc002@fiu.edu

Siddons, Danielle
Johns Hopkins University
Barry University
dsiddons0212@gmail.com

Salimjonova, Dildora
Johns Hopkins University
University of Maryland, Baltimore County
salimjonovadilly@mail.ru

Saslafsky, Ariella
Vanderbilt University
University of Central Florida
asaslafsky@knights.ucf.edu

Sidel, Hunter
New York University
Pitzer College
zakiya.collier@nyu.edu

Samples, Anneliese
University of Virginia
North Carolina Central University
asamples@eagles.nccu.edu

Scales, Nzali
Columbia University
Spelman College
nzaliscales@gmail.com

Slayday, Riki
Stanford University
San Diego State University
riki.slayday@gmail.com

Sanchez, Alexandra
University of Virginia
Berry College
alex.sanchez@vikings.berry.edu

Schwam-Curtis, Raven
Cornell University
Cornell University
ras594@cornell.edu

Smith, Andrykah
University of Virginia
North Carolina State University
aysmith2@ncsu.edu

Sanchez, David
University of Pennsylvania
University of Texas at San Antonio
tdz876@my.utsa.edu

Segura, Roberto
New York University
San Francisco State University
rcsegura@mail.sfsu.edu

Smith, Kayla
Brown University
Spelman College
ksmit133@scmail.spelman.edu

Sanchez, Simon
Harvard University
Saint Mary's University
swolfsanchez@outlook.com

Seidenberg, Alec
Brown University
Hunter College
alecsanderson@gmail.com

Sobande, Oluwasemilore
Columbia University
Stanford University
semilore@stanford.edu

Sanders, Danae
Johns Hopkins University
Howard University
daanasanders@yahoo.com

Sepulveda, Renato
University of Virginia
Heritage University
sepulvedar@heritage.edu

Somolinos, Sebastian
Harvard University
Southwestern University
somolinc@southwestern.edu

Sanders, Uriah
Harvard University
California State Polytechnic University, Pomona
ursanders@cpp.edu

Sevillano, GJ
New York University
Princeton University
gjds@princeton.edu

Soriano, Denise
Brown University
DePaul University
denisestefaniii@gmail.com

Santiago, Dem
University of Virginia
UPR-Ponce
dem.santiago@upr.edu

Sewa, Agnele
Harvard University
Brandeis University
asewa@brandeis.edu

Stephens, Zikora
Howard University
University of Texas at Austin
zikorastephens@gmail.com

Santiago Garcia, Angel
Brown University
UPR-Arecibo
angel.santiago37@upr.edu

Shaw, Marlisa
New York University
Pennsylvania State University
mjs7180@psu.edu
Swann, Isaiah  
Vanderbilt University  
University of Texas at Dallas  
megan.williams@vanderbilt.edu

Syau, Della  
Harvard University  
UC San Diego  
dsyau@ucsd.edu

Adrienna Talana, Chloe  
Johns Hopkins University  
Chaminade University of Honolulu  
chloeadrienna.talana@student.chaminade.edu

Tavares, Agustin  
New York University  
University of Miami  
taxt303@miami.edu

Thang, Daniel  
Johns Hopkins University  
Community College of Baltimore County  
dthangchs@gmail.com

Thapa, Mahima  
Novartis Institutes for BioMedical Research  
Truman State University  
mt8818@truman.edu

Thompson, Elizabeth  
New York University  
University of Wisconsin Madison  
ethompson28@wisc.edu

Tirado, Brian  
Vanderbilt University  
Mercer University  
brian.anthony.tirado@gmail.com

Tkacik, Emre  
Harvard University  
University of Maryland, Baltimore County  
emre@umbc.edu

Tobias, Willie  
Brown University  
Tougaloo College  
wtobias123@gmail.com

Tolliver, Coleman  
University of South Florida  
University of Maryland, Baltimore County  
col2@umbc.edu

Torres, Jeremy  
University of Colorado Boulder  
UPR-Mayaguez  
jeremy.torres2@upr.edu

Tracey, Matthew  
University of Pennsylvania  
Pennsylvania State University  
mat5664@psu.edu

Trejo, Brandon  
Johns Hopkins University  
University of California Los Angeles UCLA  
Btrejo12@g.ucla.edu

Trinh, Kevin  
Brown University  
Bowdoin College  
ktrinh@bowdoin.edu

Trovato, Daniel  
Johns Hopkins University  
Community College of Baltimore County  
danieltrovato98@gmail.com

Turner, Makayla  
Howard University  
Clayfin University  
makturner@clayfin.edu

Twumasi-Ankrah, Nana Afia  
University of Virginia  
Virginia Commonwealth University  
twumasianknad@vcu.edu

Uzsoy, Ana Sofia  
University of Chicago  
North Carolina State University  
amuzsoy@ncsu.edu

Valdes-Valderrama, Andrea  
Columbia University  
UPR-Mayaguez  
andrea.valdes@upr.edu

Valentine, Aneesa  
Weill Cornell Graduate School  
Brooklyn College CUNY  
aneeasavalentine06@gmail.com

Van, Destiny  
University of Pennsylvania  
Spelman College  
dvan@sclmail.spelman.edu

Vargas-Rivera, Maria  
Brown University  
UPR-Aguadilla  
maria.vargas14@upr.edu

Vazquez, Karen  
Johns Hopkins University  
University of Kansas  
k564v161@ku.edu

Vazquez Marrero, Victor  
University of Pennsylvania  
UPR-Rio Piedras  
victor.vazquez18@upr.edu

Velazquez Matos, Juan  
Harvard University  
UPR-Humacao  
juan.velazquez17@upr.edu

Vides, Christina  
Stanford University  
California State Polytechnic University, Pomona  
christinavides@gmail.com

Vinson, Essence  
Johns Hopkins University  
Coppin State College  
evinson00@student.coppin.edu

Vincent, Kimberly  
New York University  
Siena College  
kj18vinsh@siena.edu

Vogel, Ian  
Harvard University  
Bucknell University  
knherrer@fas.harvard.edu

Voitiv, Andrew  
University of Colorado Boulder  
University of Denver  
andrewvoitiv@hotmail.com

Wacker, Amanda  
University of Colorado Boulder  
Florida State University  
alw16e@my.fsu.edu

Walley, Vanetta  
Brown University  
Tougaloo College  
brianna.walley@yahoo.com
Undergraduate Participants

Walters-Marrah, George
University of Pennsylvania
University of Central Florida
gwaltersmarrah@knights.ucf.edu

Warsco, Alia
New York University
arw462@nyu.edu

Washington, Jamar
University of Pennsylvania
University of Richmond
jjwash567@gmail.com

Watt, Mikayla
University of Pennsylvania
Johns Hopkins University
mwatt6@jhu.edu

Weingart, Alexander
Vanderbilt University
University of Vermont
alexanderhunterweingart@gmail.com

White, Jira
Weill Cornell Medical College
Claflin University
jiwhite@claflin.edu

Whitmore, Myles
University of Virginia
Morehouse College
myleswhitmore@morehouse.edu

Whitten, Conner
University of Colorado Boulder
CSU San Marcos
connerftw@gmail.com

Williamson, Victoria
Harvard University
University of Florida
vgwilliamson@ufl.edu

Wilson, Alexis
Vanderbilt University
Cornell University
amw345@cornell.edu

Whitmore, Myles
University of Virginia
Morehouse College
myleswhitmore@morehouse.edu

Whitten, Conner
University of Colorado Boulder
CSU San Marcos
connerftw@gmail.com

Williams, Hastings
Brown University
Tougaloo College
hwilliams1104@gmail.com

Williamson, Victoria
Harvard University
University of Florida
vgwilliamson@ufl.edu

Wilson, Alexis
Vanderbilt University
Cornell University
amw345@cornell.edu

Williamson, Victoria
Harvard University
University of Florida
vgwilliamson@ufl.edu

Woodward, Helen
New York University
Gettysburg College
woodhe02@gettysburg.edu

Yamauchi, Jessica
Tufts University
CSU Northridge
jessicayamauchi.349@my.csun.edu
Who's Who at the Symposium

Brittany Allison  
Vanderbilt University  
Brittany Allison, PhD, is currently a Postdoctoral Fellow in the Graduate School at Vanderbilt University, where she is the Leadership Alliance SYNERGI Program Coordinator. In this role, she aims to increase the number of underrepresented undergraduate students interested in research, by presenting workshops, mentoring, and coaching them on research skills. Dr. Allison also works closely with the Enhancing Graduate Diversity Education Program, where she makes substantive contributions to the program activities, initiatives, and events. In addition, she enjoys supporting and advising minority graduate students in leadership and advocacy, and promoting a more inclusive graduate atmosphere. Dr. Allison completed a PhD in chemistry from Vanderbilt in 2016 under Dr. Jens Meiler, where she studied computational design of protein-ligand interactions. While a graduate student, Dr. Allison received the National Science Foundation Graduate Research Fellowship (NSF-GRFP) Award. Originally from New Orleans, LA, she completed her undergraduate chemistry degree at Xavier University of Louisiana.

Amalia Ávila  
Sales Manager, Biocytogen LLC.  
Amalia Ávila, PhD helps to find solutions for academic and industry researchers interested in generating cell line/animal models using gene targeting technologies such as CRISPR/Cas9. In her role as Sales Manager for Biocytogen USA, she draws upon her experience as a postdoc and as a graduate student to understand the obstacles researchers face and facilitate alternatives to accomplish their goals. Previously she was a postdoctoral researcher at Yale University, where her main goal was to identify molecular players that regulate terminal red blood cell development. DNA, RNA and chromatin structure, and its potential applications in technology have long been a fascination for Dr. Ávila. As an undergraduate she studied DNA G-quadruplexes, which can be harnessed as drug delivery devices. Her doctoral research at Brown University as a National Science Foundation Fellow focused on characterizing trinucleotide repeat sequences that are involved in Huntington's disease. Dr. Ávila's research has been published in several peer-reviewed journals, including the Journal of Biological Chemistry, ACS Biochemistry, Blood, and the Journal of Biophysical and Biochemical Communications. Dr. Ávila is also committed to the advancement of underrepresented communities in science and technology, and looks to share her experiences and help others who are pursuing careers in STEM.

Earnestine Baker  
University of Maryland, Baltimore County  
Earnestine Baker is the retired Assistant to the Vice President of Institutional Advancement and serving currently as the Executive Director of the Meyerhoff Scholarship 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. In July, 2009 – Science, the leading journal of scientific research, news and commentary, recognized UMBC's Meyerhoff Scholars Program as a national model demonstrating “what it takes” to help more minority students earn science degrees. 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.
Joseph Brown
*Stanford University*

Joseph Brown currently has two positions at Stanford University: Graduate Diversity Recruitment Officer for the School of Humanities and Sciences and Director of Diversity & Associate Director of the Diversity & First-Gen Office. He received his B.S. degree in physics from Southwest Texas State University and an Sc.M. degree in biomedical engineering from Brown University. After working for IBM as a marketing representative he was admitted to the PhD program in social psychology at Stanford University. His graduate work focused on the influence of stereotypes and prejudice on the intellectual identities and performance of women and minorities.

Don Brunson
*Vanderbilt University*

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

Makisha Cameron
*CoinSetters*

Born and raised in Hopkinsville, Kentucky, Makisha Cameron earned her Bachelor of Science degree in Psychology from Tennessee State University in 2006. While earning her Master of Science degree in Counseling Psychology from Tennessee State University, Makisha Cameron completed her Master’s thesis which is now a published article titled “Media Influence on Body Image Dissatisfaction.” Throughout her work with nonprofit mental health organizations and low socioeconomic communities within Tennessee and Florida, Makisha discovered her passion for helping others and giving back to the community. While attending Florida A&M University, Makisha Cameron promoted financial literacy, and progressive financial decision making within minority and low-income communities as a Minority and Retirement Securities fellow. As a graduate fellow Makisha presented research on Financial Self-Image at multiple conferences throughout the United States. Furthering her passion of giving back, Makisha is also a Certified Financial Education Instructor which gives her the opportunity to continue to educate communities. She graduated with a Master of Business Administration degree from Florida A&M University in 2017.

Raquel Castellanos
*University of Pennsylvania*

Raquel Castellanos is a first-generation Chicana scientist, born in the Bronx, New York. She is currently the Assistant Director of the Office of Research and Diversity Training at the Perelman School of Medicine at the University of Pennsylvania. She develops program initiatives geared towards increasing the number of underrepresented minority trainees in biomedical sciences across multiple career levels. She is passionate about mentoring and shares her own personal stories as a Latina in STEM to motivate students to pursue scientific careers. Raquel earned her Ph.D. in Biomedical Sciences and completed her postdoctoral training at the Albert Einstein College of Medicine.
Tracy Costello  
*National Postdoctoral Association*

As the current Chair of the Board of Directors of the National Postdoctoral Association (NPA), Dr. Costello leads the NPA's efforts to enhance the postdoctoral experience at both the local and national level and provide a national voice for postdoctoral scholars. As Director of Postdoctoral Affairs at Moffitt Cancer Center, she is creating brand new programs to enhance the postdoc experience beginning with postdoc recruitment, implementation career and professional development training through one on one career exploration and coaching. She has served at NSF on both postdoc fellowship study sections and a committee of visitors and began serving on an NIH study section this year. Costello earned a BS, magna cum laude, in Mathematics and Physics from The University of Southern Mississippi before going to The University of Texas Graduate School of Biomedical Sciences in Biostatistics and Genetics. She received both predoctoral and postdoctoral R25 fellowships in cancer prevention during her graduate school and postdoctoral training before becoming a senior statistical analyst in health disparities research.

Arnaldo Diaz  
*University of Pennsylvania*

Arnaldo Diaz Vazquez, PhD, is the Assistant Dean for Research Training Programs, Director of Recruitment and Retention of Diversity Scholars, and Adjunct Asst. Prof of Pharmacology. As Asst. Dean, Dr. Diaz works collaboratively with University leadership to develop and coordinate targeted recruitment and retention strategies aimed at increasing the number of underrepresented students obtaining PhDs in the biomedical sciences and provides academic and professional career development for underrepresented trainees across the full spectrum of undergraduate, graduate and post-graduate programs in the biomedical sciences. He directs the Summer Undergraduate Internship Program and the Post-Baccalaureate Research Education Program. Recently, Dr. Diaz became a Co-Director of the Penn IRACDA Program and oversees diversity programming between Penn and the partner teaching institutions. Diaz received his BS in Chemistry from the University of Puerto Rico-Rio Piedras, a PhD in Biochemistry from Texas A&M University, and postdoctoral training in Cancer Pharmacology at the University of Pennsylvania.

Mareshia Donald  
*Novartis Institutes for BioMedical Research*

Mareshia Donald is Scientific Programs Manager and Diversity and Inclusion Partner at Novartis Institutes for BioMedical Research where she oversees Postbaccalaureate and Summer Scholars Programs. She holds bachelor's degrees in Neuroscience and Language Studies from the University of California at Santa Cruz and a Ph.D. in Neuroscience from Brandeis University. Mareshia's desire to live both professional and personal lives aligned with equity and sits as a Director on the board of the Housing Corporation of Arlington (MA) as well as the Executive Board of the Massachusetts Association for Women in Science.

Denise Ellis  
*Alfred P. Sloan Foundation*

Denise Ellis is the Program Manager for the Alfred P. Sloan Foundation's Minority Graduate Scholarship Programs, which NACME has administered since 2001. Since 2012, Mrs. Ellis has been responsible for the management of all aspects of the Minority Ph.D. (MPHD) and the Sloan Indigenous Graduate Partnership (SIGP) Programs, representing a portfolio of scholarship programs totaling $50 million. Mrs. Ellis has more than 15 years of experience in educational and non-profit organizations, having served as financial administrator for the New York City Department of Education and as Budget Director for the US Fund for UNICEF prior to joining NACME. She holds a B.A. degree in Languages & Linguistics from the University of the West Indies and an M.B.A in Finance from Baruch College, City University of New York.
Leah Gibbons
American Society for Microbiology

Leah Gibbons is a Program Coordinator at the American Society for Microbiology (ASM), where she oversees the student presentations, travel award, and judge programs at the Annual Biomedical Research Conference for Minority Students (ABRCMS). ABRCMS is one of the nation's largest conferences for minority students interested in pursuing advanced education in STEM. Ms. Gibbons organizes the review, selection, and logistics of the over 2,300 abstract submissions, 900 travel award applications and 600 judges. For the past four years she has seen firsthand the impact that ABRCMS has made on attendees and is passionate about the diverse and inclusive community ABRCMS continues to serve.

Leislie Godo-Solo
Institute for Recruitment of Teachers

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

Ja’Wanda S. Grant
Xavier University of Louisiana

Dr. Ja’Wanda S. Grant currently serves as Special Assistant to the Provost for Scholar Development and Institutional Alliances and Founding Director of Xavier Exponential (Honors Program) at Xavier University of Louisiana (XULA). In these roles, she supports institutional pipeline programs, and coordinates advising for nationally competitive scholarships and awards. She successfully advised XULA’s first Goldwater Scholar in 2018. Dr. Grant is PI of the Mellon Foundation “Community of Scholars” award and co-PI of the NIH BUILD Project Pathways training award, both supporting faculty-mentored undergraduate research and preparation for graduate and professional programs. Dr. Grant’s administrative positions have encompassed holistic support of STEM student matriculation to college towards graduate and professional programs. She has a special interest in designing programs that bridge both academic and lived experiences through collaborations with STEM training programs, Career Services, Campus Activities, and residential Life.

Kat Haklin
Johns Hopkins University

A Postdoctoral Teaching Fellow for the Mellon Foundation Humanities Collaboratory at Johns Hopkins University. She recently received her Ph.D. in French Language and Literature from Johns Hopkins, where her academic study was funded by the Alexander Grass Humanities Institute and the Dean’s Teaching Fellowship. Her research on representations of enclosed space and claustrophobia examines a range of cultural production from nineteenth-century France—from poetry and prose, to painting and caricature, to fashion and the history of dress. She holds a B.A. in Art History and French from DePauw University, and an M.A. in French Literature from Florida State University. During the 2018-2019 academic year, she will teach French language and literature courses as a Postdoctoral Teaching Fellow in the Department of Romance Languages and Literatures at Washington University in St. Louis.
Sara Xayarath Hernández
Cornell University

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

Amber B. Hodges
Morgan State University

Amber B. Hodges, PhD, is an Associate Professor in the Department of Psychology at Morgan State University. Her current research examines factors and barriers impacting STEM-efficacy and persistence in minority students. Dr. Hodges was a fellow in the Leadership Development Institute supported by the Quality Education for Minority Network and the National Science Foundation. Additionally, she earned a Post-Graduate Certificate in Academic Leadership from The Chicago School of Professional Psychology through the Opportunities for Underrepresented Scholars Program funded by the National Science Foundation. Dr. Hodges earned her Ph.D. in Psychology from the Graduate School and University Center, The City University of New York (CUNY). She holds an M. Phil in Psychology from the Graduate School and University Center, CUNY, and a B.S. in Psychology from Bennett College. She recently co-authored a chapter describing successful mentoring models undergirded by psychology theories.

Marcus Jones
Regeneron Pharmaceuticals, Inc.

Dr. Jones is the Sr. Manager, R&D Planning, Strategy & Operations at Regeneron Pharmaceuticals, Inc. Dr. Jones previously was an Assistant Professor in the Genomic Medicine and Infectious Disease departments at the J. Craig Venter Institute (JCVI), where he served as team leader for all transcriptomics and genome sequencing projects in the NIAID funded Pathogen Functional Genomics Resource Center (PFGRC) at JCVI. Dr. Jones holds a B.S. from Southern University & A&M College in Baton Rouge, Louisiana and in 2005 earned his Ph.D. in microbiology from the Sackler Institute at New York University School of Medicine. He was awarded as the Principal Investigator a research award from the Defense Threat Reduction Agency (DTRA) for $5.1M to study antibiotic resistance, and he has co-authored more than 35 peer-reviewed articles.

W. Marcus Lambert
Weill Cornell Graduate School of Medical Sciences

Dr. W. Marcus Lambert is currently Director of Diversity and Student Services at Weill Cornell Graduate School of Medical Sciences and Adjunct Assistant Professor of Microbiology at New York City College of Technology. At Weill Cornell, he is responsible for diversity initiatives, science outreach, housing, and immigration services for more than 400 biomedical Ph.D. students. He serves as an advisor to a number of student and professional organizations and sits on university review boards for Title IX, Student Life, and Diversity. His current research interests include identifying determinants of STEM student success in higher education.
Olivia Mansion  
*University of Tampa*

Olivia Mansion earned a Master’s degree from Brown University. At Brown, she co-founded the International Writers’ Blog and was the Communications Officer for the Society for Advancing Chicanos/Hispanics & Native Americans in Science (SACNAS). Ms. Mansion deeply believes in The Leadership Alliance’s vision, and in previous years, she assisted with the logistics and operations for The Leadership Alliance’s National Symposium. She is passionate about creating platforms for sharing people’s personal stories and opening pathways for success for people who are historically underrepresented. Currently, she is the Manager of Operations at the Lowth Entrepreneurship Center at The University of Tampa. In this role, she creates and supports entrepreneurial programs and operations at the Entrepreneurship Center. Ms. Mansion was born in Venezuela, and lives in Tampa, Florida where she received her Bachelor’s degree at The University of Tampa.

Antionette Mutcherson  
*CoinSetters*

Since she could remember, Antionette Mutcherson, has had an entrepreneurial spirit. Mutcherson felt that she needed a piece of the puzzle to becoming the business woman that she always envisioned herself as. She decided to return to school and received her MBA from Florida Agricultural and Mechanical University in December 2017. Previously, Mutcherson received her Undergraduate Bachelor of Science degree from Clark Atlanta University in 2007 and an Associate Degree in Jewelry Design from the Fashion Institute of Technology in 2010. It was while at FAMU she was asked to serve as a Minority and Retirement Security (MARS) Fellow, Mutcherson taught Financial Literacy throughout the university, community, and attended several conferences to present financial literacy research. As a MARS Fellow, Mutcherson discovered her passion of both learning and educating others on the importance of understanding and implementing financial responsibility. Thus, she became a Certified Financial Education Instructor through National Financial Educators Council to maximize her opportunities to spread her newfound financial wisdom.

Michelle Nearon  
*Yale University*

Dr. Michelle Nearon is Associate Dean for Graduate Student Development and Diversity at Yale University. She provides the strategic vision and leadership to build and maintain a supportive campus community where graduate students from diverse backgrounds and experiences are supported in their intellectual, social, and professional pursuits. Dr. Nearon earned her B.S. and M.S. degrees in aerospace engineering from the Massachusetts Institute of Technology and Brooklyn Polytechnic University, respectively. After completing her Master’s degree she devoted approximately ten years to both the aerospace and automotive industries. She returned to academia and earned a Ph.D. in Mechanical Engineering at Stony Brook University with a specialty in fluid mechanics. She remained at Stony Brook University as a Turner Postdoctoral Fellow studying turbulence modeling before being offered an Assistant Professorship in the Department of Mechanical Engineering. She joined the Yale community in 2008.

Chris O’Brien  
*National Academies of Sciences Engineering and Medicine*

Chris O’Brien received her BS degree at St. Joseph’s University and a Master of Arts degree in Education at Villanova University. Chris taught for six years in the parochial school system of the Archdiocese of Philadelphia before working in fellowship program administration at the National Academies in Washington, DC. Chris’ program oversight has included privately and federally funded fellowship programs at the predoctoral, dissertation, and postdoctoral levels. Since 1979, her responsibilities have been primarily in the administration of Ford Foundation Fellowships designed to increase and foster diversity as a teaching tool in higher education. Chris created the Fellowship Roundtable in 1995. This biannual meeting brings together fellowship administrators whose goal is to share best practices and discuss innovations in the administration of fellowships. The Fellowship Roundtable is in its 23rd year of serving as a resource to fellowship administrators.
Joel D. Oppenheim  
*New York University*  
Presently Dr. Joel D. Oppenheim is Professor Emeritus of Microbiology and also serves as the Diversity Advisor to the Office of Science Research at the NYU School of Medicine. From 1994 -2014 he was the Senior Associate Dean of the Medical Center where he oversaw all PhD and Postdoctoral programs. For the past 24 years he has served (and continues to serve) on the NYU School of Medicine’s MD and MD/PhD Admissions Committees and previously chaired the PhD Admissions (1994-2014). He was the founder and director of the NYU’s Summer Undergraduate Research Program (1990-2013) and of the “What Can You Be With a PhD?” Symposium (1995 – 2013), the largest university based career development program for predoctoral students and postdoctoral fellows in the country. He has served on many national advisory committees, grant study sections, as a reviewer of numerous reports involved with graduate education, pipeline issues and the recruitment and retention of underrepresented students to graduate programs. He also has served on the external advisory boards and program review boards of a number of state and national accrediting agencies, colleges and universities. In 2010 Dr Oppenheim was the recipient of the AAAS (American Association of the Advancement of Sciences) Life Time Mentoring Award, one of the nation’s highest mentoring awards. Dr. Oppenheim was also one of the founding members of the Leadership Alliance in 1992.

Teresa Ramirez  
*Federation of American Societies for Experimental Biology*  
Teresa Ramirez, Ph.D., is currently a Program Manager at the Federation of American Societies for Experimental Biology. Dr. Ramirez was a post-doctoral research fellow at the National Institutes of Alcohol Abuse and Alcoholism. She is a first-generation Mexican-American and the first from her family to have graduated from college and to have obtained a doctoral degree. In 2002, she participated in the Leadership Alliance Summer program at Brown University. She received her B.S. degree in General Biology from California State University, Dominguez Hills in 2004. Then, she participated in a post-baccalaureate program at the National Cancer Institute in Frederick, MD. Dr. Ramirez has been a member of the Society for the Advancement of Chicanos/as and Native Americans in Science (SACNAS) for seventeen years. Her doctorate degree is in Molecular Pharmacology and Physiology from Brown University and was the founder/first president of the Brown University SACNAS Chapter. Her post-doctoral research focused on how aging and chronic alcohol exposure played a role in causing liver injury. She is passionate about sharing her love for science and firmly believes in the importance of mentorship.

Patricia Rea  
*University of Pennsylvania*  
Patricia Rea is the Associate Director for Admissions in the Graduate School of Arts and Sciences, and is responsible for recruitment and admissions of one of the largest schools at Penn. She is also the program director of The Leadership Alliance for the Humanities and Social Science programs. She has been at Penn over 30 years and has helped many new students navigate through the graduate experience from admissions, financial and graduation.

Rochelle Smith  
*Washington University in St. Louis*  
Rochelle Smith is the Assistant Provost for Diversity at Washington University. She serves as the Institutional and Summer Program Coordinator for Leadership Alliance there. She began her career at Washington University in 1999 and until 2006, created and managed programs for students from low income, first generation college backgrounds. In the Office of the Vice Provost, she has created initiatives including the Joint Post-Baccalaureate Program in Physics, Mathematics and Earth & Planetary Sciences (JPP). In 2016 Ms. Smith was promoted to work full time on her institutional portfolio as Assistant Provost for Diversity, developing turnkey STEM pipeline programs, serving as lead administrator of the Professional Leadership Academy and Network (PLAN) for Washington University staff and serving as co-chair of the Standing Committee for Facilitating Inclusive Classrooms, among other efforts. Ms. Smith earned an A.S. in biological sciences from South Suburban College, a B.A. in Psychology from Chicago State University and an M.S. in Applied Health Behaviors Research from Washington University School of Medicine.
David A. Stout  
*California State University, Long Beach*

David A. Stout is an American Association for the Advancement of Science (AAAS) Science and Technology Policy Fellow at the National Science Foundation (NSF) in the Directorate of Computer and Information Science and Engineering (CISE) within the Division of Information and Intelligent Systems (IIS), where he oversees multi-agency research efforts in health and healthcare technology. He is currently on sabbatical from his assistant professor position at California State University, Long Beach with a joint appointment in the Department of Mechanical and Aerospace Engineering and in the Department of Biomedical Engineering at California State University, Long Beach, where he the founding director of the Long Beach Bioengineering Laboratory at founder of the Department of Biomedical Engineering at CSULB. He received his B.Sc. degree in Aerospace Engineering with a minor in Chemistry from California State University, Long Beach in 2010, and a Ph.D. from Brown University in Biomedical Engineering in 2014.

Natalie Strobach  
*Johns Hopkins University*

Dr. Natalie Strobach is the Director of Undergraduate Research and is responsible for advising and administration of the Woodrow Wilson Research Fellowship program, the Dean's Undergraduate Research Awards (DURA), and school-wide programs that provide undergraduates with funding to pursue original research. Dr. Strobach did her doctoral work in the Department of Comparative Literature at the University of California Davis. Dr. Strobach has a long history working closely with undergraduate student researchers. Prior to coming to Johns Hopkins, she directed the STEM-focused McNair program at the University of Wisconsin, and before that she was with the McNair program at the University of California - Davis. She is a McNair alum herself and is dedicated to expanding access to high-level research among Hopkins undergraduates. She is also director of the Johns Hopkins Humanities Collaboratory, and her current research is a study on collaborative pedagogical techniques as applied to undergraduate research programs serving underrepresented student populations.

D’Ondre Swails  
*Brown University*

D’Ondre Swails earned his B.A. from Morehouse College in 2015, where he double majored in Philosophy and Sociology. His research interests are in Black aesthetics and self-representations of the Black experience in different art forms and media, especially Hip-Hop music, film, and television. He is also interested in cultural theory and the philosophy of language/linguistics. When not engaged in research, D’Ondre enjoys watching music videos, attending concerts, and taking road trips.

Brian P. Sullivan  
*Washington University in St. Louis*

Mr. Sullivan is the Executive Director of the Medical Scientist Training Program at Washington University in St. Louis. Since joining the MD-PhD program in 1994, he has overseen the matriculation of 584 MD-PhD students, and the graduation of 471 physician-scientists. He 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 BioMedRAP, a summer research program for minority and disadvantaged undergraduates. Mr. Sullivan earned a B.A. in Political Science and an M.A. in Spanish Literature from St. Louis University. He also earned an M.B.A. from Washington University in St. Louis.
Naoko Tanese
New York University

Naoko Tanese PhD, Professor of Microbiology, received her PhD in Biochemistry from Columbia University studying the replication of retroviruses with Dr. Stephen Goff, and trained as a postdoctoral fellow at UC Berkeley with Professor Robert Tjian where she performed innovative work on transcriptional regulatory mechanisms. Continuation of this research at NYU as an independent investigator has led to numerous scientific collaborations with faculty studying cancer, developmental biology, virology, neuroscience, and stem cells. Since joining the NYU faculty in 1993, Dr. Tanese was appointed Co-director of the Medical Scientist Training Program in 2010, and Director of Basic Science Faculty Mentoring in 2013. Through these channels she plays an instrumental role in advancing the careers of many young scientists. In May 2014, Dr. Tanese was appointed associate dean for Biomedical Sciences and director of the Sackler Institute of Graduate Biomedical Sciences, which oversees NYU School of Medicine’s PhD, MD/PhD, and Summer Undergraduate Research Programs. She leads recruitment and retention for all programs to ensure that recruits receive outstanding training throughout their tenure, from coursework and matching with the right faculty mentors to career development.

Sheila Thomas
Harvard University

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

Catherine L. Will
Johns Hopkins University

Catherine L. Will has been a Program/Projects Manager in the Office of Graduate Student Affairs at the JHU School of Medicine since 1994, where she is responsible for admissions processing and recruitment for biomedical PhD programs. Ms. Will is a Certified Diversity Trainer, with an emphasis on graduate student recruitment. Ms. Will has managed the highly successful Summer Internship Program since 1995. She also manages the Postbaccalaureate Research Education Program (PREP) and Health Careers Opportunity Program (HCOP) Doctoral Diversity program. Ms. Will’s work on disability recruitment programming has drawn the attention of the AAAS Project on Science, Technology and Disability. She has been an invited speaker on diversity at GMAC and the National Association of Graduate Admission Professionals (NAGAP). Ms. Will is a Baltimore community activist in the areas of civil rights and social justice, education, housing, poverty alleviation, and has served on several JHU-community task forces addressing these issues.
Medeva Ghee, PhD
Executive Director
Assistant Professor of the Practice of Behavioral and Social Sciences, Brown University

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

Chloe Poston, PhD
Associate Director

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

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

Dr. William Wittels is the Manager of Undergraduate and Graduate Programs for the Leadership Alliance. In that capacity, he helps to manage the Leadership Alliance's Summer Research Early Identification Program, and Leadership Alliance Mellon Initiative. He also assists in program evaluation and strategic planning across the organization. Prior to joining The Leadership Alliance, he was a member of the Tobin Project, where he fostered multi-year research initiatives on the role of the media in preventing (or abetting) special interest influence in democracies and on the practice and theory of strategic threat assessment. He also managed their Graduate Student Fellowship and created their Prospectus Development Workshop. He has held teaching fellowships at Duke University as well as Humboldt University in Berlin. He received his Ph.D. and Certification for Teaching Politics from the Department of Political Science at Duke. While there, he was also affiliated with the Kenan Institute of Ethics.

Maria DoVale
Conference & Events Specialist

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

Barbara Kahn
Coordinator of Undergraduate Programs

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

Ashleigh LoVette
Project Assistant

In addition to being Project Assistant for The Leadership Alliance, Ashleigh LoVette is a doctoral candidate in Behavioral and Social Sciences within the School of Public Health at Brown University. With an interest in global health, she has spent time completing research and working in Ghana and South Africa. Her research aims to promote mental health and well-being among young people, with special attention to strength-based approaches and cultural humility. Ashleigh's current research interests include understanding how we conceptualize and measure resilience, particularly in the context of HIV and AIDS.
NCUR 2019
Thousands of students from all over the world participate in this unique celebration of student achievement.

April 11-13, 2019
Kennesaw State University.
check our website for updates

Student researcher?
Faculty mentor?
CUR will help get you started in undergraduate research.

Find new ideas to improve your department, Division or School!

www.cur.org - @CURinAction

Join CUR and:
- Meet challenges of assessment
- Improve effectiveness as researcher/mentor
- Gain access to funders and policy makers
- Expand professional network
- Achieve & sustain high-quality research endeavors!

Posters on the Hill
A competitive annual event that gives students the opportunity to showcase their research to congressional members, meet with their representatives, and learn about advocacy for undergraduate research.

Spring 2019
Washington, D.C.
check our website for updates

Present and future STEM leaders...
Join your peers this November at
ABRCMS 2018
INDIANAPOLIS, INDIANA
NOVEMBER 14-17, 2018

ABRCMS is one of the largest STEM conferences for underrepresented students. The conference also provides program directors and faculty the tools they need to help their students succeed.

The four-day conference includes:
- 2,000 poster and oral student presentations
- Scientific and professional development sessions
- World renown plenary speakers
- Networking opportunities
- 380+ exhibit booths
- Awards banquet

for more information
Visit abrcms.org/info

ABRCMS 2018
Funded by:
National Institute of General Medical Sciences
American Society for Microbiology
WELCOME

Welcome to the 2018 Leadership Alliance National Symposium!

The theme, 25 Years: A Celebration of Success, calls us to reflect upon and commemorate the 25th anniversary of the Summer Research Early Identification Program (SR-EIP)!

As I think about this milestone, I think of the ongoing relevance of mentorship through critical transitions along the academic pathway. 25 years ago, when the SR-EIP began, I was a predoctoral candidate in the microbiology department at NYU School of Medicine. Just as the SR-EIP would not have been launched without our founders, Vartan Gregorian, Jim Wyche and others, I would not have launched my academic career without a professor who believed in my potential and shared the application to the prestigious Undergraduate Research Program at Cold Spring Harbor. He simply said: You should apply to this. This one pivotal moment illuminated a challenging and enriching academic and professional pathway.

Our founders established the Leadership Alliance SR-EIP in 1993 so that talented students from underrepresented backgrounds would have the opportunity to explore research questions and careers within a supportive environment at the most competitive institutions in the country. For a quarter of a century, faculty and administrators have amplified the voice of that one professor by reaching out and saying to students: You should apply to this.

As a result, the program grew dramatically from our first cohort of 92 participants in 1993 to our current cohort of more than 300 students. We are indebted to the longstanding commitment and dedication of our faculty and administrators to the mission of developing underrepresented students into outstanding leaders and role models in all career sectors.

The Leadership Alliance is still relevant because each of you is a testament to our belief that talent resides in individuals from a wide range of backgrounds and that our investments in your development would yield leaders who reflect the dynamism that diversity brings to an inclusive and competitive workforce.

Congratulations to all of the undergraduates at our SR-EIP institutions, graduate students, and Doctoral Scholars. Heartfelt thanks to our faculty mentors and program administrators.

This is an opportune moment for us to acknowledge our past and present community of scholars, celebrate our accomplishments, and recommit to fulfilling our promise of leadership.

Have a wonderful conference — Make it memorable!