Student Agenda  
Thursday, July 27, 2017

8:30 AM  Breakfast  
1st Floor Atrium, Trent Semans Center

9:00 AM  Opening Remarks  
Sherilynn Black, PhD, Dorian Canelas, PhD, and Daniel Lew, PhD; Co-Principal Investigators  
Devyn Gillette, PhD; Program Director  
Duke BioCoRE Program  
Great Hall, Trent Semans Center

9:10 AM  Morning Keynote  
Optimizing research mentoring relationships  
Christine Pfund, PhD  
Associate Scientist, School of Education  
Director, Center for the Improvement of Mentored Experiences in Research (CIMER); Co-PI, National Research Mentoring Network (NRMN); Wisconsin Center for Education Research; Institute for Clinical and Translational Research  
University of Wisconsin-Madison  
Great Hall, Trent Semans Center

10:00 AM  Coffee Break  
1st Floor Atrium, Trent Semans Center

10:15 AM  Promoting mentee research self-efficacy  
Jessica Harrell, PhD  
Director of Academic Career Excellence Program (ACE)  
University of North Carolina-Chapel Hill  
The Cube, Duke Institute for Brain Sciences (DIBS)

11:45 AM  Plenary Session Lunch  
Atrium, Trent Semans Center

12:15PM  Lunch Keynote Address  
Developing talent: Do I have to change?  
Clifton Poodry, PhD  
Senior Science Education Fellow; Howard Hughes Medical Institute  
Former Director of the Training, Workforce Development and Diversity Division at the National Institute for General Medical Sciences (NIGMS), NIH  
Great Hall, Trent Semans Center
Student Agenda
Thursday, July 27, 2017

1:15PM   Lunch Keynote Address Q&A/Coffee Break
         Great Hall, Trent Semans Center

1:30PM   Variables in the success equation
         Renetta Tull, PhD
         Dir. Graduate & Prof. Pipeline Development; Special Assistant to
         the Sr. Vice Chancellor for Academic Affairs; Founding Director
         of PROMISE
         Associate Vice Provost for Strategic Initiative
         University of Maryland-Baltimore County
         The Cube, Duke Institute for Brain Sciences (DIBS)

3:00PM   Coffee Break

3:15 PM  You’ll get knocked down, but you’ll get up again: Surviving
         setbacks in graduate school (and life in general)
         Samuel Hulbert
         PhD Candidate, Neurobiology
         Duke University
         The Cube, Duke Institute for Brain Sciences (DIBS)

4:30PM   Institutional Blitz & Introduction of BioCoRE Scholars
         Great Hall, Trent Semans Center

5:00 PM  Networking Mixer & Dinner Reception
         1st Floor Atrium, Trent Semans Center
8:30 AM  Breakfast
1st Floor Atrium, Trent Semans Center

9:00 AM  Deciphering the rules of engagement between host and microbiome
Gianna Hammer, PhD
Assistant Professor of Immunology
Duke University
Great Hall, Trent Semans Center

10:00 AM  Celebration of Student Research: Poster Session
6th Floor, Trent Semans Center

11:30 AM  Boxed Lunch
1st Floor Atrium/Great Hall, Trent Semans Center

12:00 PM  Slowing down: the effect of aging on the motor system
Gregorio Valdez, PhD
Assistant Professor, Carilion Research Institute,
Biological Sciences, Internal Medicine
Virginia Tech
Great Hall, Trent Semans Center

1:00 PM  Sorting Through the Genome’s “Junk”: New models and pleasant surprises in the quest to understand gene expression
Tracy Johnson, PhD
Professor, Molecular, Cell & Developmental Biology
Chair, Cell Biology & Biochemistry
Associate Dean for Inclusive Excellence
HHMI Professor
University of California, Los Angeles (UCLA)
Great Hall, Trent Semans Center

2:00 PM  Coffee Break
1st Floor Atrium, Trent Semans Center
Student Agenda
Friday, July 28, 2017

2:15 PM  Celebration of Scientific Excellence: Oral Student Talks

Characterization of Cryptococcus neoformans genes enriched at the site of human meningitis
    Marie-Martine Uwera, Duke University

Rolled PCL meshes as biocompatible scaffolds for ligament repair
    Hagar Kenawy, Virginia Tech

RNA modifications go viral
    Nandan Gokhale, Duke University

Amount and time exert independent influences in intertemporal choice
    Dianna Amasino, Duke University

A genetic switch controls the production of flagella and toxins in Clostridium difficile
    Brandon Anjuwon-Foster, UNC- Chapel Hill

Low-dose exposure to environmental chemicals promotes survival signaling and drug resistance in breast cancer
    Risa Gearhart, Duke University

A Poliovirus based cancer vaccine activates antigen presenting cells and elicits an anti-tumor T-cell response
    Mubeen Mosaheb, Duke University

Rational design of therapeutic combinations to overcome drug resistance in cancer
    Mandana Manzari, Duke University

Great Hall, Trent Semans Center

3:45 PM  Coffee Break

1st Floor Atrium, Trent Semans Center
4:00 PM  Closing Keynote
*Addressing the opioid epidemic by understanding how venomous cone snails hunt fish*
Baldomero “Toto” Olivera, PhD
Professor of Biology
HHMI Professor
University of Utah
*Great Hall, Trent Semans Center*

5:00PM  Closing Remarks
Sherilynn Black, PhD, Dorian Canelas, PhD, and Daniel Lew, PhD; Co-Principal Investigators
Devyn Gillette, PhD; Program Director
Duke BioCoRE Program
*Great Hall, Trent Semans Center*