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  The role of mentors in promoting mentee self-efficacy…
and how to do it effectively
Co-Facilitated by Dr. Pfund & Dr. Black
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

Sherilynn Black, PhD
Assistant Professor of the Practice, Medical Education
Director, Office of Biomedical Graduate Diversity
Co-Principal Investigator, Duke BioCoRE Program
Learning Hall, Trent Semans Center
Faculty/Administrator Agenda
Thursday, July 27, 2017

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

12:15PM  Lunch Keynote Address
Develooping 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

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

1:30PM  Conversation with a former Dean: Mentoring students,
postdocs, and faculty in a research-oriented environment
Facilitated by Dr. Lew
Nancy Andrews, MD, PhD
Former Vice Chancellor for Academic Affairs, Dean of the School
of Medicine, Nanaline H. Duke Professor of Pediatrics
Duke University
Daniel Lew, PhD
James B. Duke Professor of Pharmacology & Cancer Biology, Professor
of Genetics; Co-Principal Investigator, Duke BioCoRE Program
Duke University
Learning Hall, Trent Semans Center

2:15PM  Coffee Break
1st Floor Atrium, Trent Semans Center

2:30PM  Fostering effective undergraduate research experiences
Dorian Canelas, PhD
Assistant Professor of the Practice,
Department of Chemistry
Co-PI, BioCoRE
Duke University
Learning Hall, Trent Semans Center
Faculty/Administrator Agenda
Thursday, July 27, 2017

3:30PM   The role of faculty in creating institutional change for diverse trainees (interactive workshop)
Co-Facilitated by Dr. Poodry & Dr. Black
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

Sherilynn Black, PhD
Assistant Professor of the Practice, Medical Education Director, Office of Biomedical Graduate Diversity Co-Principal Investigator, Duke BioCoRE Program
Learning Hall, Trent Semans Center

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
Faculty/Administrator Agenda
Friday, July 28, 2017

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
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
Faculty/Administrator Agenda
Friday, July 28, 2017

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*