Michael Campbell, Ph.D.
Assistant Professor
Howard University
Department of Biology
10:30 am – 11:30 am

Genetic variation and adaptation in and out of Africa: 
Understanding the evolution of human common traits

This talk will explore the use of evolutionary and computational approaches to identify selectively advantageous polymorphisms that contribute to the development of normal and complex traits, including disease susceptibility, in human populations.

Devanshi Jain, Ph.D.
Research Associate
Memorial Sloan Kettering Cancer Center
Molecular Biology Program
11:45 am – 12:45 pm

Exploring Meiosis in Mammals Using Forward Genetics:
From Genome Integrity to Gene Regulation

Successful execution of meiosis involves specialized, coordinated and tightly regulated events, errors in which can lead to infertility, miscarriage and birth defects. In this seminar, I will describe a phenotype-driven screen conducted in mice to explore the genetic basis of mammalian meiotic processes, as well as recent studies exploring two fundamental processes: germline transition into meiosis and retrotransposon repression in the germline.

Monday, February 18, 2019
Auditorium, Life Sciences Building, 145 Bevier Road, Busch Campus, Piscataway, New Jersey