

Genome Sciences Seminar Series

Spring 2018

- Jan 17** **Christopher (Casey) Brown, PhD, University of Pennsylvania**
Gene expression as a model and a tool for the dissection of complex trait mechanisms
- Jan 24** **Jason H. Moore, PhD, University of Pennsylvania**
Accessible artificial intelligence for genomic analysis
- Jan 31** **Alan Bergland, PhD, University of Virginia**
*Adaptation over seasonal time-scales in *Drosophila**
- Feb 7** **Lauren McIntyre, PhD, University of Florida**
Leveraging natural genetic variation to expand our knowledge of gene regulatory networks
- Feb 14** **Philip E. Bourne, Ph.D., FACMI, University of Virginia**
What can happen when genome sciences meets data sciences?
- Feb 21** **Gary K. Owens, PhD, University of Virginia**
*The embryonic stem cell pluripotency genes *Oct4* and *Klf4* regulate SMC phenotypic transitions critical in the pathogenesis of atherosclerosis*
- Feb 28** **Michael Love, Dr rer nat, University of North Carolina at Chapel Hill**
Rich bias modeling and metadata generation for RNA-seq data analysis
- March 7** **No Seminar - Spring Break**
- March 14** **Stephen Parker, PhD, University of Michigan**
Diabetes genetic regulatory signatures across tissues and species
- March 21** **No Seminar**
- March 28** **Priya Duggal, PhD, Johns Hopkins University**
Infectious Diseases: A Genetic "Tale of the Hummingbird"
- April 4** **Suna Onengut-Gumuscu, PhD, University of Virginia**
Type 1 diabetes genetics: More insights or just more SNPs?
- April 11** **John Novembre, PhD, University of Chicago**
Methods to characterize geographic structure in genetic variation
- April 18** **Irina Bochkiss, PhD, University of Virginia**
Pioneer factors, nucleosomes, and nuclear lamina - what's the connection?
- April 25** **Alan D. Attie, PhD, University of Wisconsin-Madison**
Deconstruction of metabolic disease with mouse genetics

