

Genetics and Genomics (G2) Seminar Series



**INSTITUTE FOR GENOME
SCIENCES AND SOCIETY**
TEXAS A&M UNIVERSITY

The Interdisciplinary Faculty of Genetics
Genetics Graduate Student Association



The Genetics of Disruption, From Individual Variation to the Genetic Basis of Environmental Sensitivity

Dr. Julien Ayroles

**Department of Ecology and Evolutionary Biology
Princeton University**

Dr. Ayroles research focuses on understanding how natural selection shapes genetic variation and reshapes genomic architecture to produce adaptive phenotypes. The genetic architecture of complex traits is not a static blueprint of the phenotype; rather, it is highly dynamic and context-dependent. How do genes interact with each other and their environment to shape variation between individuals? His lab studies the biological basis for this individual variation, using a combination of approaches that focuses on studying natural genetic variation from the lab to the field and from *Drosophila* to humans.



Monday, April 2, 2018

4:00 p.m.

Auditorium/Room 108

BioBio Building

Refreshments at 3:30 p.m. in the lobby.

Host: Dr. James Cai
jcai@tamu.edu

—Genetics

Texas A&M Institute for Genome
Sciences and Society (TIGSS)

For more information, contact Tamara Torres at 979.458.2284 or tamara.torres@tamu.edu