



# Research In Progress Seminar

**Tuesday, May 2, 2017  
3:30PM**

**Location: CCBS Conference  
Room, 2622 Biological  
Sciences 3**

## **Speaker:**

Camden Jansen,  
Developmental and Cell  
Biology (Ali Mortazavi  
Lab)

## **Talk Title:**

Integrative analysis of  
single-cell ATAC-seq and  
RNA-seq using Self-  
Organizing Map Fusion

## **Abstract:**

The rapid advances of novel single-cell functional genomic assays have outpaced methods for analysis of those data types. In particular, characteristics of each single-cell assay show extensive variation in sensitivity and signal to noise levels. We describe an integrative approach that utilizes self-organizing maps to co-analyze single-cell ATAC-seq and RNA-seq data.

## **Questions:**

Please contact Naomi Carreon at: [ncarreon@uci.edu](mailto:ncarreon@uci.edu) or Kerrigan Blake at: [kerrigab@uci.edu](mailto:kerrigab@uci.edu)