

The Ohio State University College of Medicine

Department of  
Biomedical Informatics



THE OHIO STATE  
UNIVERSITY  
COLLEGE OF MEDICINE

# 2<sup>nd</sup> Workshop on Omics Data Analysis

## September 6-8, 2016

Jennings Hall – 3<sup>rd</sup> Floor (MBI)

Register: [go.osu.edu/genomics2016](http://go.osu.edu/genomics2016)

	Tuesday	Wednesday	Thursday
8:30 am			
10:00 am	Introduction to R	Experimental design	Classification
10:30 am			
12:00 pm	Basic stats w/ R	Differential expression analysis	Prediction
	Lunch	Lunch	Lunch
1:00 pm			
2:30 pm	Introduction to NGS	Linear models	Pathway analysis
3:00 pm			
4:30 pm	RNA-seq data processing	Clustering	Case study

This workshop will leverage the expertise of faculty and staff at OSU, including:

Guy Brock, PhD (BMI)  
Kevin Coombes, PhD (BMI)  
Soledad Fernández, PhD (BMI)  
Shili Lin, PhD (Statistics)  
Joseph McElroy, PhD (BMI)  
Gulcin Ozer, PhD (BMI)  
Maciej Pietrzak, PhD (MBI)  
Grzegorz Rempala, PhD, DSc (CPH/MBI)  
Amy Webb, PhD (BMI)  
Lianbo Yu, PhD (BMI)

**Fee to Participate (includes lunch)**

**\$140 early registration**

**\$180 after August 12<sup>th</sup>**

The James



THE OHIO STATE UNIVERSITY  
COMPREHENSIVE CANCER CENTER

**mbi**   
Mathematical Biosciences Institute  
at The Ohio State University

This workshop is open to all postdoctoral individuals and junior faculty at The Ohio State University who wish to train and gain expertise in genomic data analyses.