

# CIHR STAGE

*Strategic Training  
for Advanced Genetic  
Epidemiology*



Lunenfeld-Tanenbaum  
Research Institute  
Sinai Health System

The **Lunenfeld-Tanenbaum  
Research Institute** is a proud partner  
of **CIHR STAGE** and jointly presents:



## Dr. Jeff Leek

Associate Professor of Biostatistics,  
Johns Hopkins Bloomberg School of Public Health  
Co-Director,  
Johns Hopkins University Data Science Lab

## Computational re-annotation of the human transcriptome with the recount project

**Friday  
December 2, 2016  
12:00 – 1:00 pm**

The Hospital for Sick Children  
Daniels Hollywood Theatre  
Room 1246, 1st Floor, Black Wing  
555 University Avenue, Toronto, ON

### Abstract:

Gene expression variation has now been measured at large scale by groups around the world. In this talk I will discuss our efforts to collect and synthesize all human RNA-sequence data in the recount project (<https://jhubiostatistics.shinyapps.io/recount/>). I will then focus on two key questions: (1) How and when can we discover novel genomic regions that are expressed from large collections of data? (2) Can we computationally re-phenotype messy samples to allow for integrative analysis?

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