CIHR STAGE

Strategic Training for Advanced Genetic Epidemiology

International Speaker SEMINAR Series

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

Lunenfeld-Tanenbaum Research Institute
Sinai Health System

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?

OICR Ontario Institute for Cancer Research

Lunenfeld-Tanenbaum Research Institute
Sinai Health System

UNIVERSITY OF TORONTO

CIHR IRSC
Canadian Institutes of Health Research / Instituts de recherche en santé du Canada

SickKids

University Health Network
Toronto General Hospital, Toronto Western Hospital, Princess Margaret Hospital

McLAUGHLIN CENTRE

www.stage.utoronto.ca