



Principal Investigator Candidate Seminar Series For Data Science and Health Research

Dr. Kieran Campbell

*Department of Statistics, University of British Columbia
Department of Molecular Oncology, BC Cancer Agency*

Title:

From single-cells to patient diagnosis: statistical
machine learning approaches to biomedical discovery

Friday December 14th, 2018

1:30 p.m.

Location:

**Level 3 Conferences Rooms L3-201-202-203
60 Murray Street, 3rd floor**

Host: Dr. Rayjean Hung

Dr. Kieran Campbell obtained his DPhil degree from the Oxford University, based on his work on statistical models of latent transcriptome progression in both single-cell and bulk sequencing experiments. Dr. Campbell is currently a Banting Postdoctoral Fellow in the Data Science Institute and Department of Statistics at UBC, and Department of Molecular Oncology at BC Cancer. His research focuses on statistical modelling in cancer genomics, including methodology to integrate distinct modalities of data such as RNA & DNA-seq, and on automating common analyses such as cell type annotation through scalable, probabilistic methods.