

# Developments and Challenges in Biomedical Data Science

An afternoon to learn and talk about Big Data and Data Science

Tuesday, October 25, 2016, 2-4pm

(1-2pm reception\* & 4-5pm open discussion and networking)

155 College Street • 6th Floor Auditorium • Toronto • ON



***Distinguished Speaker:*** Dr. Robert Tibshirani, Professor of Statistics & of Biomedical Data Science, Stanford University

***Abstract:*** I will discuss some new developments in the application of statistics and data science to medicine, and some challenges that this exciting field faces. Examples from my own work that I will discuss include cancer diagnosis from DESI mass spec data, estimating the number of units of platelets needed by a hospital each day and making treatment recommendations from observational data (electronic health records).

## WELCOME & INTRODUCTION

- Dr. Howard Hu, Dean and Professor, Dalla Lana School of Public Health (DLSPH)
- Dr. Wendy Lou, Division Head of Biostatistics and Professor, DLSPH

## PANELISTS

- Dr. John R. McLaughlin, Chief Science Officer & Senior Scientist, Public Health Ontario
- Dr. Geoffrey M. Anderson, Professor, Institute of Health Policy, Management and Evaluation
- Dr. Donald Redelmeier, Senior Scientist, Sunnybrook Health Sciences Centre & ICES
- Dr. Daniele Mercio, Director of Molecular Diagnostics, Deep Genomics Inc.

## PANEL CHAIR

- Dr. Rafal Kustra, Associate Professor, Division of Biostatistics, DLSPH



*\*Light refreshments and beverages will be provided; there will be ample networking opportunities.*

RSVP link: <https://developments-challenges-biomedical-data-science.eventbrite.ca>

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