

# CIHR STAGE

Strategic Training  
for Advanced Genetic  
Epidemiology



The **Ontario Institute for Cancer Research** is a proud partner of **CIHR STAGE** and jointly presents:



## Dr. Matthew Stephens

Professor of Statistics and Human Genetics  
Department of Statistics and Human Genetics  
**University of Chicago**

### Come Join the Multiple Testing Party!

**Friday**  
**November 3, 2017**  
**12:00 – 1:00 pm**

Ontario Institute for Cancer Research  
MaRS Centre  
Suite 510, Boardrooms 5/20 and 5/21  
661 University Avenue, Toronto, ON

#### Abstract

Multiple testing is often described as a “burden”. My goal is to convince you that multiple testing is better viewed as an opportunity, and that instead of laboring under this burden, you should be looking for ways to exploit this opportunity. I invite you to a multiple testing party.

#### Speaker Profile

Dr. Matthew Stephens is Professor of Statistics and Professor of Human Genetics at the University of Chicago, and a Gordon and Betty Moore Investigator in Data Driven Discovery. He received his PhD in Statistics (1997) from the University of Oxford, UK. As a statistician and data scientist, his research interests include analysis of population structure, analysis of genetic association studies (including both complex traits and molecular phenotypes, such as gene expression and chromatin accessibility), large scale regression and multiple testing. His lab distributes software packages including PHASE and fastPHASE (for haplotype inference), GEMMA (for association testing) and BIMBAM (for genotype imputation and association testing). Among his honours, Dr. Stephens was recognized as a Medallion Lecturer by the Institute for Mathematical Statistics in 2014.

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