



University
of Victoria

Presented by the Department of Mathematics and Statistics



DR. SHELLEY BULL

Lunenfeld-Tanenbaum Research Institute
Sinai Health, Toronto
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University of Toronto

As a statistical scientist working in epidemiology and biostatistics, Dr. Shelley Bull has been recognized for her research in medicine, public health, genetics, epidemiology and statistical methodology as well as her leadership, supervision and mentorship, by awards from the Statistical Society of Canada and the International Genetic Epidemiology Society.

Genome-wide association studies: How molecular technology, biology, epidemiology, and statistical genetics came together

In this general audience lecture, Bull will talk about how genome-wide studies and methods have evolved, highlight landmark papers, and give examples of key contributions from statistical methodology. The talk will close with comments on recent developments in biobanks, multi-omics and global population studies.

Tuesday, September 26, 2023 | 3:30 PM Cornett Building A225

Development and evaluation of statistical methodology - Lessons from genome - wide association studies

Using a research project in statistical methods for region-level analysis of genome-wide association studies as an illustration, this statistically oriented talk will explain the motivation and development of an alternative approach to GWAS data analysis, and consider criteria and techniques for method evaluation

Thursday, September 28, 2023 | 4:00 PM Clearihue Building C112

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Lansdowne Lecture