



# DATA SCIENCE SPEAKER SERIES

## Genome Data Science: Towards understanding GWAS loci

Abstract: Genome Data Science includes the collection, manipulation, storage, visualization and extraction of information from increasingly larger, more heterogeneous and complex genome data, in reproducible, fair and ethical ways. Dr. Strug will describe using genome data science to identify genetic contributors to disease and developing data visualization and statistical integration tools to integrate two sets of summary statistics to pinpoint the most likely responsible gene and tissue of origin.



UNIVERSITY  
of GUELPH

DEPARTMENT OF  
MATHEMATICS AND STATISTICS  
MASTER OF DATA SCIENCE

CANSSI  
Ontario  
Statistics  
Seminars



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*Genome Data Science:  
Towards understanding  
GWAS loci*



**21** NOV | 11:30 AM-12:30 PM ET  
2024 | HYBRID (In Person in Guelph  
and Live on Zoom)

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In partnership with the Department of Mathematics  
and Statistics at the University of Guelph