BRANDON TAM

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EDUCATION

University of Toronto *September 2023–Present*
PhD Student, Department of Statistical Sciences
Supervisor: Dr. Silvana Pesenti

University of Toronto *September 2019–June 2023*
Honours Bachelor of Science
GPA: 3.98 on a 4-point scale
Programs of Study: Actuarial Science Specialist, Statistics Major, Mathematics Minor

PUBLICATIONS

Preprints

Tam, B., Pesenti, S. M. (2025). Dimension Reduction of Distributionally Robust Optimization Problems. arXiv preprint arXiv:2504.06381.

CONTRIBUTED TALKS

Forthcoming Talks

60th Actuarial Research Conference, Toronto, Canada *July 2025*

Optimal Transport Summer School, Santa Barbara, United States of America *July 2025*

Past Talks

2025 Statistical Society of Canada Annual Meeting, Saskatoon, Canada *May 2025*

2025 Statistics Graduate Student Research Day, Toronto, Canada *April 2025*

2nd Mathematical Finance Research Retreat, Niagara on the Lake, Canada *March 2025*

SCHOLARSHIPS AND AWARDS

Scholarships - Government of Ontario

Ontario Graduate Scholarship, $15000.00 *2025-2026*

Scholarships - University of Toronto

Doctoral Recruitment Award, $5000.00 *2023*
Conrad M Siegal FSA Award in Actuarial Science, $6000.00 *2022, 2024*
Samuel Beatty In Course Scholarship, $1000.00 *2022*
Hewitt Associates Scholarship in Actuarial Science, $1536.02 *2021, 2022*

Presentation Awards and Grants

Statistical Society of Canada Student Travel Grant, $250.00 *2025*

Awards - University of Toronto

Dean's List Scholar, University of Toronto *2020, 2021, 2023*

RESEARCH ASSISTANTSHIPS

Natural Catastrophes: Are Canadian Insurers Ready for "The Big One"? *Winter 2022*

Studied insurance losses resulting from natural disasters. Responsibilities included data cleaning, creating plots and maps using the R package leaflet and model fitting.

TEACHING ASSISTANTSHIPS

University of Toronto *September 2021–Present*

Select Responsibilities: Teaching tutorials, hosting office hours, and grading.

Select Courses: Financial Mathematics (ACT240, ACT245), Life Contingencies (ACT247, ACT348), Probability and Statistics 1 (STA257), Calculus (MAT135, MAT136), and Linear Algebra (MAT223).

WORK EXPERIENCE

Combined Insurance *May 2022–August 2022*
Actuarial Summer Intern

Select Responsibilities:

- Used AXIS to quantify the reserve impact of changing lapse assumptions.
- Used SQL queries to extract the outputs necessary for analyzing lapse experience and updating lapse assumptions.

SOCIETY OF ACTUARIES PROFESSIONAL EXAMS

Investment and Financial Markets *July 2022*
Financial Mathematics *June 2021*
Probability *January 2021*