

Gracia Dong, PhD Statistics Candidate
Contact: 416-768-1617, gracia.dong@uwaterloo.ca
LinkedIn: www.linkedin.com/in/graciadong/

SUMMARY OF QUALIFICATIONS

- Fluent in English, Mandarin Chinese (spoken), and French (written)
- Experience with programming languages: Python, R, Matlab
- Actuarial Qualifications: Exams P, FM, MFE

PUBLICATIONS

- Wiart, J., Lemieux, C., & Dong, G. Y. (2021). On the dependence structure and quality of scrambled (t, m, s)-nets, *Monte Carlo Methods and Applications*
- Dong, G.Y., & Lemieux C. (submitted 2021) Dependence Properties of Scrambled Halton Sequences, *Submitted to Mathematics and Computers in Simulation*

PRESENTATIONS

- Mugon, J., Dong, G.Y., Kim, N.H., Jobidon, E., Barichello, M., & Prier, A. (2021) Adapting the Motivated Strategies for Learning Questionnaire to Help Students Take Control of Their Learning. (University of Waterloo 12th Annual Teaching and Learning Conference; 2021 STLHE/SAPES Unconference)
- Dong, G.Y. (2021) Halton sequences and negative dependence. (University of Waterloo Student Seminar Series)
- Dong, G.Y. (2019) Variance estimation of quasi-Monte Carlo integration without replication. (Waterloo Student Conference in Statistics, Actuarial Science and Finance)

EXPERIENCE

Evaluation Consultant 2021-Present

University of Waterloo, Student Success Office, Waterloo, Ontario

- Provided statistical consulting for all faculties within the university on student success initiatives
- Performed statistical analysis on students' Motivated Strategies for Learning Questionnaire (MSLQ) response data and provide faculty- and program-specific recommendations to help first year and incoming students succeed in their post-secondary education
- Adapted the MSLQ questions to be more relevant for students in each faculty
- Communicated significant results to technical (at conferences) and non-technical (stakeholders) audiences to improve support offered to students in all faculties

Teaching Assistant 2014-Present

University of Waterloo, Faculty of Mathematics, Waterloo, Ontario

- Supported instructors at the University of Waterloo for in person and online courses at the undergraduate and graduate level by hosting office hours, monitoring courses' Piazza forums and Slack channels, providing drop in tutoring sessions, running tutorials, proctoring exams, marking tests and assignments, creating assessment questions, giving feedback on assessments, and creating solution keys and marking schemes.

Sessional Lecturer – AFM 113 (Analytic Methods 2 for Business)

2021

GRACIA DONG

- Managed graduate level teaching assistants to support students in an online learning environment
- Achieved an overall score of 4.6/5 on anonymous student course evaluation with 50% completion rate

CO-OPS AND INTERNSHIPS

Associate Business Analyst <i>Bank of Nova Scotia, Risk Management IT – Regulatory Team, Toronto, Ontario</i>	2016
Actuarial Co-op Student <i>Actuarial Audit, Manulife, Waterloo, Ontario</i>	2016
Undergraduate Research Assistant <i>University of Waterloo, Department of Statistics, Waterloo, Ontario</i>	2015
Actuarial Student <i>Aurigen Reinsurance, Toronto, Ontario</i>	2014
Co-op Student <i>Development Services, Markham Civic Centre, Markham, Ontario</i>	2012

EDUCATION

University of Waterloo <i>Waterloo, Ontario</i> Doctor of Philosophy – Statistics Supervisor: Dr. Christiane Lemieux Fundamentals of University Teaching Program Founded the Statistics Anti-Depression (S.A.D.) club in 2019, a mental health initiative Part of the organizing committee for the first Waterloo Student Conference in Statistics, Actuarial Science, and Finance Mentored and assisted in the supervision of undergraduate research assistants Cumulative average of 93%	2018 – 2022 (Anticipated)
University of Waterloo <i>Waterloo, Ontario</i> Master of Mathematics – Statistics Cumulative average of 96%	2017 - 2018
University of Waterloo <i>Waterloo, Ontario</i> Bachelor of Mathematics Honours Actuarial Science with Finance Option, Co-operative Program Honours Statistics, Co-operative Program Computer Science Minor Cumulative average of 92%	2013 - 2017