Qiuqi Wang

Department of Statistics and Actuarial Science
University of Waterloo
Mathematics 3, 200 University Avenue West
Waterloo, Ontario, Canada N2L 3G1

Email: q428wang@uwaterloo.ca
Tel: +1 (226) 978-8138
Office: M3 Room 4233

Education

Ph.D. Candidate in Actuarial Science, University of Waterloo *09/2019 - present*

- Supervisor: Ruodu Wang

M.Phil. Mathematics, Hong Kong University of Science and Technology *07/2019*

- Supervisor: Yue Kuen Kwok
- GPA: 4.00/4.30

B.S. Mathematics and Economics, Hong Kong University of Science and Technology *07/2017*

- Minor: Information Technology
- GPA: 3.61/4.30 (First Class Honor)

International Exchange Student, Technical University of Munich *04/2016 - 09/2016*

Research Interests

Quantitative Risk Management; Operations Research; Financial Engineering; Game Theory

---

Publications and Manuscripts

[1] **Wang, Q.**, Wang, R. and Wei, Y. (2020). Distortion riskmetrics on general spaces. *ASTIN Bulletin*, forthcoming. *SSRN*: 3510363.

[2] **Wang, Q.** and Kwok, Y.K. (2020). Real option signaling games of debt financing using equity guarantee swaps. *International Journal of Theoretical and Applied Finance*. *SSRN*: 3442989.

[3] **Wang, Q.** and Kwok, Y.K. (2019). Signaling game models of equity financing under information asymmetry and finite project life. *International Journal of Financial Engineering*, **6**(1), 1950002.

Contributed Academic Presentations

- 1st Waterloo Student Conference in Statistics, Actuarial Science and Finance, 2019 (Waterloo, Canada)
- 23rd Annual International Real Options Conference, 2019 (London, UK)

Teaching Experiences

Teaching Assistant, University of Waterloo

ACTSC 431 - Loss Model I *Spring 2020*

ACTSC 445/845 - Quantitative Enterprise Risk Management *Spring 2020*

ACTSC 231 - Introductory Financial Mathematics *Winter 2020*

MATBUS 471 - Fixed Income Securities *Fall 2019, Winter 2020*

MATBUS 470 - Derivatives *Fall 2019*

Teaching Assistant, Hong Kong University of Science and Technology

MATH 4321 - Game Theory *Spring 2018, 2019*

MATH 4511 - Quantitative Methods for Fixed Income Derivatives *Fall 2018*

Selected Honors and Awards

International Doctoral Student Award, UW *2019 - 2020*

Statistics and Actuarial Science Doctoral Entrance Award, UW *2019 - 2020*

Postgraduate Studentship, HKUST *2017 - 2019*

Scholarship Scheme for Continuing Undergraduate Students, HKUST *2015 - 2017*

Fong Shu Chuen Scholarship, HKUST *2015 - 2016*

School of Science Dean's List, HKUST *2014*

Other Skills

Languages: Mandarin (Native), English (Fluent, TOEFL iBT: 108), Cantonese (Conversational), German (Elementary)

Programming: MATLAB, C++, R, HTML, Python, Stata, Excel VBA, MS Office

SOA Exam passed: Exam P, Exam FM, Exam IFM

Last updated: June 2020