Chi-Kuang Yeh

LinkedIn | GitHub
Last modified: December 15, 2021

chi-kuang.yeh@uwaterloo.ca
Office: M3-4122

EDUCATION

- **University of Waterloo** — ON, Canada
  Ph.D Candidate in Statistics; Supervisor: Gregory Rice & Joel A. Dubin — *Onward*

- **University of Victoria** — BC, Canada
  M.Sc. in Statistics; Supervisor: Julie Zhou — *Jul 2018*

- **University of Victoria** — BC, Canada
  B.Sc. (Hons.) in Combined Mathematics and Statistics; Minor: Computer Science — *Apr 2016*

RESEARCH INTEREST

Functional data analysis, time series analysis, dependence modeling, optimal design of experiment.

PUBLICATIONS

- **Yeh, C.-K., Rice, G. & Dubin, J.A. (2021).** Evaluating real-time probabilistic forecasts with application to National Basketball Association outcome prediction. *The American Statistician*, 1–10.
- **Yeh, C.-K. & Zhou, J. (2021).** Properties of optimal regression designs under the second-order least squares estimator. *Statistical Papers*, 62, 75–92.

SOFTWARES

- **evalRTPF.** R package for evaluating real-time probabilistic forecasts. Available on GitHub.
- **SLSEdesign.** A package for finding the optimal regression designs under the second-order least squares estimator. Available on GitHub. Multiple versions available on GitHub: Matlab, R and Julia.

RECENT AWARDS

Queen Elizabeth II Graduate Scholarship	May 2021 – Apr 2022
President's Graduate Scholarship	May 2020 – Apr 2022
Ontario Graduate Scholarship	May 2020 – Apr 2021
Mathematics Domestic Doctoral Scholarship	Sep 2018– Apr 2021
Statistics & Actuarial Science Chair's Award	Jul 2019, Mar & Nov 2020, Apr 2021
University of Waterloo Graduate Scholarship	Nov 2019

RECENT SERVICE

- **Student Seminar Series** May 2020 – Now. Co-organizer for the departmental student seminar series at the Department of Statistics and Actuarial Science.
- **Organizing Committee** Nov 2021. 2nd Waterloo Student Conference in Statistics, Actuarial Science and Finance.
- **Organizing Committee** Oct 2019. 1st Waterloo Student Conference in Statistics, Actuarial Science and Finance.
- **Student Volunteer** Aug 2018. ICSA booth in Joint Statistical Meetings.

REFERENCE

1. **Joel A. Dubin** | Professor — University of Waterloo
jdubin@uwaterloo.ca, +1-519-888-4567x47318
2. **Gregory Rice** | Associate Professor — University of Waterloo
grice@uwaterloo.ca, +1-519-888-4567x41541
3. **Julie Zhou** | Professor — University of Victoria
jzhou@uvic.ca, +1-250-721-7470