Chi-Kuang Yeh

LinkedIn | GitHub

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EDUCATION

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

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

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

RESEARCH AREA

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

PUBLICATIONS

- **Yeh, C.-K., Rice, G. & Dubin, J.A. (2022).** Evaluating real-time probabilistic forecasts with application to National Basketball Association outcome prediction. *The American Statistician*, 76, 214–223.
- **Yeh, C.-K. & Zhou, J. (2021).** Properties of optimal regression designs under the second-order least squares estimator. *Statistical Papers*, 62, 75–92.

PREPRINT

- **Yeh, C.-K., Rice, G. & Dubin, J.A. (2023+).** Functional spherical autocorrelation: a robust estimate of the autocorrelation of a functional time series. *Under minor revision in Electronic Journal of Statistics.*
- **Yeh, C.-K., Yan, S. & Sang, P (2023+).** Factor Copula Models for Spatially Correlated Functional Data. Ready to submit, preprint available upon request.

RECENT AWARDS

Queen Elizabeth II Graduate Scholarship	Sep 2022 – Aug 2023
President's Graduate Scholarship	May Sep 2022 – Aug 2023
Best Presentation Award, SAS Research presentation day	Mar 2022
Queen Elizabeth II Graduate Scholarship	May 2021 – Apr 2022
President's Graduate Scholarship	May 2020 – Apr 2022
Ontario Graduate Scholarship	May 2020 – Apr 2021
Statistics & Actuarial Science Chair's Award	Jul 2019, Mar & Nov 2020, Apr 2021, Mar 2022

SELECTED SERVICE

- **Student Seminar Series** May 2020 – Now. Co-organizer for the departmental student seminar series at the Department of Statistics and Actuarial Science, University of Waterloo.
- **Mentor** May 2022, Mentoring for Datafest sponsored by UWaterloo and the American Statistical Association
- **Organizing Committee** Nov 2022. 3rd Waterloo Student Conference in Statistics, Actuarial Science and Finance.
- **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 — PhD Co-advisor
2. **Gregory Rice** | Associate Professor — University of Waterloo
grice@uwaterloo.ca, +1-519-888-4567x41541 — PhD Co-advisor
3. **Julie Zhou** | Professor — University of Victoria
jzhou@uvic.ca, +1-250-721-7470 — Master Advisor