

# Chi-Kuang Yeh

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## Education

- 2018 – Now    📌 **Ph.D. Statistics, University of Waterloo (UWaterloo), Canada**  
Supervisor: Dr. Gregory Rice & Dr. Joel Dubin
- 2016 – 2018    📌 **M.Sc. Statistics, University of Victoria (UVic), Canada**  
Supervisor: Dr. Julie Zhou  
Thesis title: *Optimal Regression Design under Second-Order Least Squares Estimator: Theory, Algorithm and Applications*
- 2013 – 2016    📌 **B.Sc. (Hon.), Combined Mathematics and Statistics, UVic, Canada**  
Minor: Computer Science

## Research Interests

- Research Interest    📌 Functional Data Analysis
- 📌 Time Series and Longitudinal Analysis
- 📌 Design of Experiment
- 📌 Computational Statistics

## Work Experience

- Research Assistant (RA)    📌 **2018 – Onward**, UWaterloo, Canada  
  📌 **2016 – 2018**, UVic, Canada
- Teaching Assistant (TA)    📌 **2018 – Onward**, UWaterloo, Canada  
  📌 **2014 – 2018**, UVic, Canada  
  📌 **2012 – 2013**, Langara College, Canada

## Research Publications

### Journal Articles

- ① Yeh, C.-K. & Zhou, J. (2019). Properties of optimal regression designs under the second-order least squares estimator. *Statistical Papers*.

## Skills

- Language    📌 Mandarin Chinese (Native Fluency) and English (Professional Proficiency).
- Coding    📌 Java, R, MATLAB, C, C++ , Python, Mathematica,  $\text{\LaTeX}$ , Git,
- Databases    📌 MySQL, PostgreSQL, SQLite.
- Statistics    📌 Regression Analysis, Statistical Modeling, Generalized Linear Models
- Misc.    📌 Academic research, Teaching, and Consultation










## Miscellaneous Experience

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### Recent Awards

- 2018-2019     **Math Domestic Grad Award (DGSA)**, UWaterloo, Canada
-  **Mathematics Domestic Doctoral Scholarship (MDDS)**, UWaterloo, Canada
- 2018         **CUPE Conference Award**, UVic, Canada
-  **Student Travel Award**, Statistical Society of Canada, Canada
-  **Graduate Student Conference (GSS) Travel Grant**, UVic, Canada
- 2017         **Florence and Wallace Wilkinson Memorial Award**, UVic, Canada
-  **GSS Scholarship Award**, UVic, Canada
- 2016         **University Scholarship**, Uvic, Canada





### Conference Attendance

- 2019         **Advances and Innovations in Statistics and Data Science, ICSA-Canada Chapter 2019 Symposium**, Queen's University, Kingston, Canada.
-  **Waterloo Conference in Statistics, Actuarial Science, and Finance (WATSAF)**, University of Waterloo, Waterloo, Canada.
- 2018         **Joint Statistical Meeting (JSM)**, Downtown, Vancouver, Canada.
-  **Statistical Society of Canada (SSC) Annual Meeting**, McGill University, Montreal, Canada
-  **Canadian Statistics Student Conference (CSSC)**, McGill University, Montreal, Canada
-  **28th Coast Combinatorics Conference**, UVic, Victoria, Canada
- 2017         **Conference on Frontiers of Big Data and Statistical Sciences, ICSA-Canada Chapter 2017 Symposium**, Downtown, Vancouver, Canada
-  **Combinatorial Potlatch**, UVic, Victoria, Canada
- 2016         **Canadian Undergraduate Mathematics Conference (CUMC)**, UVic, Victoria, Canada

### Certification

- 2018         **International Teaching Assistant Cultural and Communication Certificate (ITACC)**, Learning and Teaching Centre (LTC), UVic, Victoria, Canada
- 2017         **Teaching Fundamental Certificate**, LTC, UVic, Victoria, Canada
-  **Teaching Assistant ProD Certificate**, LTC, UVic, Victoria, Canada
-  **Teaching Assistant Conference Certificate**, LTC, UVic, Victoria, Canada

### Volunteer Experience

- 2019         **Waterloo Student Conference in Statistics, Actuarial Science and Finance**, UVic, Victoria, Canada
- 2018         **International Student Welcome and Orientation Events**, UVic, Victoria, Canada
-  **ICSA Local Committee**, JSM 2018, Vancouver, Canada
-  **Let's Talk Science Math Symposium**, UVic, Victoria, Canada

## References


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Associate Professor

University of Waterloo


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Professor

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