Chi-Kuang **Yeh**

CANSSI Distinguish Postdoctoral Fellow

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Research interest

1. Functional data analysis
2. Time series analysis
3. Longitudinal data analysis
4. Dependence modelling

Education

University of Waterloo   *ON, Canada*

PhD in Statisitcs, Advisor: Gregory Rice & Joel A. Dubin   *2018-2023*

• Disseration: Methods in Functional Data Analysis: Forecast Evaluation, Robust Serial Dependence Measures, and a Spatial Factor Copula Model

University of Victoria   *BC, Canada*

MSc in Statisitcs, Advisor: Julie Zhou   *2016-2018*

• Disseration: Optimal Regression Design under Second-order Least Squares Estimator: Theory, Algorithm and Applications

University of Victoria   *BC, Canada*

BSc (H.) in combined Mathematics and Statistics, Advisor: Julie Zhou   *2013-2016*

• Disseration: NA

Selected awards

2022-2023	Ontario Graduate Scholarship	*Government of Ontario*
2022-2023	Ontario Graduate Scholarship	*Government of Ontario*
2020-2023	President Scholarship	*University of Waterloo*
2021 Apr	Statistics and Actaurial Science Chair's Award	*University of Waterloo*
2018 Jun	Student Travel Award	*Statistical Society of Canada*
2018	Graduate Student Conference Travel Grant	*University of Victoria*
2018 Apr	CUPE Conference Travel Award	*University of Victoria*
2017	Florence and Wallace Wilkinson Memorial Award	*University of Victoria*
2017-2018	Faculty of Graduate Studies Scholarship	*University of Victoria*
2016	University Scholarship	*University of Victoria*
2010	Summit Entrance Scholarship	*Simon Fraser University*

Publications

1. Yeh, C.-K, & Zhou, J. (2021). Properties of optimal regression designs under the second-order least squares estimator. *Statistical Papers*, *68*, 75–92.

2. Yeh, C.-K, Rice, G., & Dubin, J. A. (2022). Evaluating real-time probabilistic forecasts with application to national basketball association outcome prediction. *American Statistician*, *76*, 214–223.

3.   Yeh, C.-K, & Sang, P. (2023). Variable selection in multivariate functional linear regression. *Statistics in Bioscience*.

4.   Yeh, C.-K, Rice, G., & Dubin, J. A. (2023). Functional spherical autocorrelation: A robust estimate of the autocorrelation of a functional time series. *Electronic Journal of Statistics*, *17*, 650–687.