Department of Statistics
SCHOOL OF COMPUTER, DATA & INFORMATION SCIENCES
UNIVERSITY OF WISCONSIN-MADISON

Curriculum Vitae – Elaine K. Chiu

PERSONAL DATA	
	Email: kchiu4@wisc.edu
	Personal Website: https://elainechiu.github.io
	GitHub Page: https://github.com/Elainechiu

EDUCATION		
	Ph.D. in Statistics	
	University of Wisconsin-Madison	
	Ph.D. Advisor: Professor Hyunseung Kang	2026
	M.S. in Statistics	
	University of Washington at Seattle	2021
	Bachelor of Arts, Department of Economics (Political Science Minor)	
	National Taiwan University	2018

RESEARCH INTERESTS

Theory and Methods: Causal inference; Observational studies; Randomized experiments.
Applications: Health policy; Public health; Education policy, Social sciences.

HONORS AND AWARDS		
	NESS Student Research Award	
	New England Statistics Symposium (NESS)	2025
	IMS Hannan Graduate Student Travel Award	
	Institute of Mathematical Statistics (IMS)	2025
	ICSA Student Paper Award, Honorable Mention	
	International Chinese Statistical Association (ICSA)	2025
	IMPS Duolingo Travel Award	
	International Meeting of the Psychometric Society (IMPS)	2024
	President's Award – Top 5% of GPA, summa cum laude equivalent	
	National Taiwan University	2014-2016
	Scholarship Awardee, Future Scholars in the Humanities and Social Sciences Program	
	Supported visiting at University of Wisconsin–Madison, Ministry of Education, Taiwan	2016

PUBLICATIONS AND PREPRINTS

∗ indicates equal contribution.

[1] **Chiu, E. K.**, and Kang, H. (2025)."Exact, Nonparametric Sensitivity Analysis for Observational Studies of Contingency Tables". https://arxiv.org/abs/2507.17207.
submitted to Journal of the American Statistical Association, Theory and Methods.

[2] Heng, S.∗, **Chiu, E. K.**∗, and Kang, H. (2025). "Towards Robust Matched Observational Studies with General Treatment Types". In preparation.

TEACHING		
	Teaching Assistant of Stat 340 – Introduction to Data Modeling II	
	Department of Statistics, University of Wisconsin-Madison	Spring 2024
	Teaching Assistant of STAT 333 – Applied Regression Analysis	
	Department of Statistics, University of Wisconsin-Madison	Fall 2023
	Teaching Assistant of STAT 571 572, Statistical Methods for Bioscience I, II	
	Department of Statistics, University of Wisconsin-Madison	2022
	Teaching Assistant of STAT 301 – Introduction to Statistical Method	
	Department of Statistics, University of Wisconsin-Madison	2021

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LIST OF
REFERENCES

Name: Hyunseung Kang
Title: Associate Professor
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Office Address: 1245B Medical Sciences Center 1300 University Avenue Madison, WI 53706
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Name: Siyu Heng
Title: Assistant Professor
Institution: Department of Biostatistics, School of Global Public Health, New York University
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