

Dr Huan (Jaslene) Lin

CONTACT INFORMATION

School of Mathematics and Statistics, Faculty of Science
Level 7, F07 - Carslaw Building, NSW 2050, Australia
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EMPLOYMENT

Since August 2024: **Senior Lecturer (Educational Focused)**
Since December 2024: **Teaching Coordinator (Hiring and Training)**
School of Mathematics and Statistics, The University of Sydney

2020 - 2024 **Lecturer in Statistics**

January 2024 - July 2024: **Course Director in Statistics**

School of Mathematical and Physical Sciences
Macquarie University

2018 - 2020: **Foundation Fellow**

Melbourne Institute of Applied Economic and Social Research
University of Melbourne

Qualifications

Higher Education Academy
Fellowship

Macquarie University
Graduate Certificate of Education

The University of New South Wales
Ph.D. Statistics

Thesis: Novel likelihood-based inference for symbolic data analysis

Australian National University
Master of Actuarial Statistics

The University of Auckland
B.A (Statistics) B.Com (Accounting)

AWARDS

The World Federation of Chiropractic

- NCMIC-JMPT Paper Awards Second Prize (US\$5000) (co-recipient with Nichole Phillips, Michael Swain, Benjamin Brown) on presentation *The Association Between Bullying and Headache, Stomach-Ache, and Backache in Australian School Children*

Faculty of Science and Engineering, Macquarie University

- 2023 Excellence in Inter-Departmental Collaboration (Team Award with Master of Data Science Team)
- 2022 Excellence in Inter-School Collaboration (Team Award with [EX]plore Conference Organising Committee)

Faculty of Arts, Macquarie University

- The Highest Achiever in a Unit of Study award for Educational Assessment (EDST 8302)

The University of New South Wales

- Deans Award for Outstanding PhD Theses
- Tuition Fee Scholarship

Australian National University

- 2014-2015 College of Business and Economics Summer Research Scholarship

	<ul style="list-style-type: none"> • 2013-2014 College of Business and Economics Summer Research Scholarship
	The University of Auckland <ul style="list-style-type: none"> • Senior Scholar Award awarded by the Faculty of Arts • Senior Scholar Award awarded by the Faculty of Business and Economics • First in Course Award in Philosophy-Introduction to Logic (PHIL 101) • First in Course Award in Financial Mathematics (STATS 722)
TEACHING EXPERIENCE	The University of Sydney <ul style="list-style-type: none"> • Sem 2, 2024 - Sem 1, 2025: STAT5003 Computational Statistical Methods • Sem 2, 2025: MATH1062 Mathematics 1B • Sem 2, 2025: DATA2002 Data Analytics: Learning from data Macquarie University <ul style="list-style-type: none"> • 2020 - 2024: STAT1250 Business Statistics and Insights • 2020 - 2021: STAT1170 Introductory Statistics • 2023 - 2024 STAT3110/6110 Statistical Inference • 2021 - 2023 HLTH2110 Clinical Epidemiology and Biostatistics for Health Sciences The University of Auckland <ul style="list-style-type: none"> • STATS 101/108 Introduction to Statistics • STATS 201/208 Data Analysis • STATS 302 Applied Multivariate Analysis • STATS 326 Applied Time Series Analysis Australian National University <ul style="list-style-type: none"> • STAT1008 Quantitative Research Methods • FINM1001 Foundations of Finance The University of New South Wales <ul style="list-style-type: none"> • MATH1041 Statistics for Life and Social Science
OUTREACH ACTIVITIES	<ul style="list-style-type: none"> • Macquarie Open Day (2023) • Macquarie Astronomy Open Night (2022-2023) • the Australian Women of Mathematics Exhibition and Forum (12/05/2021) • Girl's STEM Day Out (16/06/2021) • the Girraween High School - Year 10 - Short Talks (10/12/2020)
RESEARCH INTEREST	Higher Education Teaching, Symbolic Data Analysis, Applied Bayesian Statistics, Machine Learning
PUBLICATION	<ul style="list-style-type: none"> • Association Between Pain and Bullying in Australian Adolescents: A Secondary Analysis of Cross-Sectional Data From the Australian Child Wellbeing Project. Nichole, Phillips, Benjamin T. Brown, Huan Lin, Michael S. Swain (2024). Journal of Manipulative and Physiological Therapeutics Volume 46, Issues 59 • New models for symbolic data analysis. Beranger, B., Lin, H., & Sisson, S. (2023). Advances in Data Analysis and Classification, 17(3), 659-699.

- Estimating global species richness using symbolic data metaanalysis.
Lin, H., Caley, M. J., & Sisson, S. A. (2022).
Ecography, 2022(3), e05617.
- Book review: Education, Skills, and Technical Change: Implications for Future US GDP Growth, **Economic Record**
- Bayesian semi-parametric forecasting of ultrafine particle number concentration using symbolic data analysis (working paper)

CONFERENCES

- 64th World Statistics Congress, 2023 in Ottawa, Canada
- International Association for Statistical Education (IASE) Satellite Conference—Fostering Learning of Statistics and Data Science, 2023 in Toronto, Canada
- 2Melbourne Institute Brown Bag, 2019 in Melbourne, Australia
- Symbolic data analysis workshop, 2017 in Ljubljana, Slovenia
- Australian Statistical Conference, 2016 Canberra, Australia
- Annual School of Mathematics and Statistics Postgraduate Conferences, UNSW
- Annual ACEMS Student Retreat and reading groups