

Qinyi Zhang

Education

- 2015 – 2019 **University of Oxford**, PhD in Statistics.
◦ DPhil Thesis: Kernel-Based Hypothesis Tests: Large-Scale Approximations and Bayesian Perspectives.
◦ Supervised by Prof. Dino Sejdinovic and Dr. Sarah Filippi.
- 2014 – 2015 **University of Oxford**, MSc in Applied Statistics.
◦ Distinction.
- 2011 – 2014 **Imperial College London**, BSc (Hons) Mathematics.
◦ First Class Honours.
- 2009 – 2011 **Marymount International School**, Bilingual International Baccalaureate.
◦ 45 points plus additional 7 points in Further Maths.
◦ Valedictorian of the class.

Publications

- 2022 Q. Zhang, S. Filippi, S. Flaxman and D. Sejdinovic, Bayesian Two-Samples Testing, *Journal of Computational and Graphical Statistics*, vol. 31, issue 4, 1164- 1176, 2022.
- 2018 Q. Zhang, S. Filippi, A. Gretton and D. Sejdinovic, Large-Scale Kernel Methods for Independence Testing, *Statistics and Computing*, vol. 28, no. 1, 113- 130, Jan. 2018.
- 2017 Q. Zhang, S. Filippi, S. Flaxman and D. Sejdinovic, Feature-to-Feature Regression for a Two-Step Conditional Independence Test, in *Uncertainty in Artificial Intelligence (UAI)*, 2017.

Academic Experiences

- 2018 – 2023 **Journal of Machine Learning Research (JMLR)** 2018, 2019 reviewer.
International Conference on Machine Learning (ICML) 2019 reviewer.
Annual Conference on Neural Information Processing Systems (NeurIPS) 2019 reviewer.
Annual Conference on Artificial Intelligence and Statistics (AISTATS) 2020, 2022 reviewer, 2023 **top reviewer award**.
- 2018 – 2019 **Graduate Study Skill Advisor**, Wadham College Oxford.
- 2016 – 2018 **Practical Sessions MSc in Applied Statistics**, Teaching Assistant.
- 2016 **SB1b Applied Statistics II**, Teaching Assistant.

Honours and Awards

- 2015 **DPhil Scholarship**, Full funding for PhD studies provided by the Engineering and Physical Sciences Research Council (EPSRC).

Presentations

- Sep 2019 **Recent Developments in Kernel Methods**, University College London (UCL).
Invited speaker on the topic of "Large-Scale Kernel Methods for Independence Testing".
- Aug 2017 **Uncertainty in Artificial Intelligence**, Sydney.
Poster Presentation of the work "Feature-to-Feature Regression for a Two-Step Conditional Independence Test".
- Dec 2016 **Women in Machine Learning NeurIPS**, Barcelona.
Poster Presentation of the work "Large-Scale Kernel Methods for Independence Testing".

Additional Skills

- Computing Proficient in Python and R. Knowledge of Matlab.
- Languages Chinese(Native), English(Fluent)