Jiangtian Li

jiangtianli91@gmail.com

Current Position

Postdoctoral Fellow, Department of Psychology, University of Toronto Scarborough   2020-
Advisor: Blair Armstrong

Education

PhD in Philosophy, Western University   2016-2020
Advisor: Robert Stainton
Dissertation: On Polysemy: A Philosophical, Psycholinguistic, and Computational Study

Research Associate, Department of Psychology, Western University   2017-2020
Advisor: Marc Joanisse

MA in Philosophy, Western University   2015-2016
Advisor: Robert Stainton
Thesis: Names are Also Polysemous

BA in Philosophy, Minzu University of China   2009-2013
Advisor: Jixuan Zhang
Thesis: Truth and Meaning — a Defense of Propositional Deflationism

Areas of Specialization and Competence

Areas of Specialization: Philosophy of Language, Psycholinguistics, and Computational Linguistics
Areas of Competence: Philosophy of Mind, Philosophy of Psychology, Natural Language Processing

Peer-Reviewed Publications

Li, J., & Armstrong, B. C. (2024). Issues of Generalization from Unreliable or Unrepresentative Psycholinguistic Stimuli: A Case Study on Lexical Ambiguity. *Proceedings of the Annual Meeting of the Cognitive Science Society*, 46. https://escholarship.org/uc/item/52c2s25s

Li, J., & Armstrong, B. C. (2024). Probing the Representational Structure of Regular Polysemy via Sense Analogy Questions: Insights from Contextual Word Vectors. *Cognitive Science*, 48(3), e13416. https://doi.org/10.1111/cogs.13416

Li, J. (2024). Semantic minimalism and the continuous nature of polysemy. *Mind & Language*, 1–26. https://doi.org/10.1111/mila.12509

Li, J., & Armstrong, B. C. (2023). Probing the Representational Structure of Regular Polysemy in a Contextual Word Embedding Model via Sense Analogy Questions. *Proceedings of the Annual Meeting of the Cognitive Science Society* 45(45). https://escholarship.org/uc/item/300318x1

Li, J., & Joanisse, M. F. (2021). Word Senses as Clusters of Meaning Modulations: A Computational Model of Polysemy. *Cognitive Science*, 45(4), e12955. https://doi.org/10.1111/cogs.12955

Dissertation

Li, J. (2020). On Polysemy: A Philosophical, Psycholinguistic, and Computational Study. *Electronic Thesis and Dissertation Repository.* 7282. https://ir.lib.uwo.ca/etd/7282

Academic Presentations

Probing the Representational Structure of Regular Polysemy in a Contextual Word Embedding Model via Sense Analogy Questions. Talk given at *Annual Meeting of the Cognitive Science Society*   2023

Journal and Conference Review

Psychonomic Bulletin & Review, Quarterly Journal of Experimental Psychology, Applied Psycholinguistics, Behavior Research Methods, Annual Meeting of the Cognitive Science Society

Grant Review

National Science Foundation

Academic Activities

Member of the Committee of Session & Technical Chairs of CogSci 2022	2022
Graduate Research Assistant in Univeristy of Western Ontario	2020
Commenter in UWO Graduate Conference in Philosophy of Mind, Language, and Cognitive Science	2018
Commenter in UWO Graduate Conference in Philosophy of Mind, Language, and Cognitive Science	2017
Attending the North American Summer School on Logic, Language, and Information (NASSLLI)	2016
Assistant Editor in Philosophy of Language in PhilPapers	2015-2016

Grants, Honours & Awards

Western Graduate Research Scholarship	2015-2020
Chair's Entrance Scholarship	2015
Fellowships from Philosophy Summer School in China and Ranked 1st	2014
Secondary Professional Scholarship	2013
Hong Kong Xinshan Scholarship	2010

Teaching

Co-instructor of *Introduction to Philosophy of Mind*	2019
Guest lecture in *Philosophy of Mind*	2019
Teaching Assistent of *Philosophy of Neuroscience*	2019
Teaching Assistent of *Understanding Science*	2018
Teaching Assistent of *Critical Thinking*	2017-2018
Teaching Assistent of *Introduction to Philosophy of Language*	2017
Teaching Assistent of *Understanding Science*	2016

Languages and professional skills

Computational: Python, R, LaTex, JavaScript, PyTorch, Psychopy
Language: English (fluent), Mandarin (native), Japanese (fluent), Latin (reading)