Yiwei Luo

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🌐 `http://yiweiluo.github.io`
 yiweiluo

Research areas

Natural Language Processing, computational text analysis, computational social science, framing, persuasion, bias, misinformation

Education

2017-2023 (expected)	**Ph.D. Candidate in Linguistics**, Stanford University • Dissertation title: Bias and susceptibility to bias: Studying the persuasiveness of evidence-framing using Natural Language Processing • Committee: Dan Jurafsky, Beth Levin (co-chairs), Brian Knutson, Ellen Markman
2013-2017	**B.A in Linguistics, Minor in CS**, Princeton University • *Summa cum laude*

Non-degree studies

2015 Summer	Linguistic Society of America (LSA) Linguistic Institute, Chicago, Illinois
2014 Summer	Princeton Global Seminar on sociolinguistics and multilingualism, University of Geneva, Switzerland

Honors & awards

2017-2019	Stanford University Jeanne and Bud Milligan Fellowship in Humanities and Sciences
2017	Princeton University Linguistics Department Senior Thesis Prize
2014	Princeton University Institute for International and Regional Studies summer study abroad award
2011, 2012	American Invitational Mathematics Examination qualifier
2012	Math Prize for Girls
2012	North American Computational Linguistics Olympiad, 49th place on invitational round

Grants & funding

2021-2022	Stanford University Woods Institute Environmental Venture Project Grant (Amount: $200K)
2021	Stanford University Graduate Research Opportunity Dissertation Funding (Amount: $4K)

Publications

PUBLISHED ARTICLES

2020   **Yiwei Luo**, Dallas Card and Dan Jurafsky. Detecting stance in media on global warming. *Findings of the Association for Computational Linguistics: Empirical Methods in Natural Language Processing 2020:* 3296–3315.

2019   **Yiwei Luo**, Dan Jurafsky and Beth Levin. From *insanely jealous* to *insanely delicious*: Computational models for the semantic bleaching of English intensifiers. *Proceedings of the 1st International Workshop on Computational Approaches to Historical Language Change:* 1-13.

2018   **Yiwei Luo** and Yang Xu. Stability in the temporal dynamics of word meanings. *Proceedings of the 40th Annual Meeting of the Cognitive Science Society:* 2078-2083.

2017   **Yiwei Luo**. The Textualization of Swiss German. *Schwa Language and Linguistics 13*: 75-88.

Presentations

Teaching

Instructor, STANFORD UNIVERSITY
2021 Fall • Introduction to Research for Undergraduates, as instructor
2021 Winter • Undergraduate Research Workshop, as instructor

Teaching Assistant, STANFORD UNIVERSITY
2022 Winter • Introduction to Semantics and Pragmatics, instructor: Chris Potts
2020 Winter • Introduction to Lexical Semantics, instructor: Cleo Condoravdi
2019 Spring

Other Teaching Experience

2021-2022 NLP Group Undergraduate Mentor, STANFORD UNIVERSITY, STANFORD, CA
2021-2022 Department of Linguistics Undergraduate Mentor, STANFORD UNIVERSITY, STANFORD, CA
2019 Summer Tutor, PETEY GREENE, CAMBRIDGE, MA
2016-2017 Administrative Assistant, THE MCGRAW CENTER FOR TEACHING AND LEARNING, PRINCETON, NJ
2013-2014 Contractor, ART OF PROBLEM SOLVING (AoPS), ALPINE, CA
2013-2017 Tutor, PRINCETON, NJ

Professional service

REVIEWING

2019- *Linguistics.*
2019- *Cognitive Science.*

ORGANIZING

2017-2018 Organizer, Social Committee. Stanford Linguistics
2019-2020

2017-2019 Co-chair, Social Committee. Stanford Natural Language Processing Group
2016-2017 Co-president, Linguistics Club. Princeton University

Memberships

2022- Linguistic Society of America

Skills

LANGUAGES

English and Mandarin Chinese: native
French: advanced
Russian: elementary
Latin and Ancient Greek: reading

COMPUTING

Python, R, Java, JavaScript, SQL, Unix, LATEX
Natural language processing, text mining, machine learning
PyTorch, TensorFlow, pandas, Git, spaCy, NLTK, AWS Lambda

References

Dan Jurafsky jurafsky@stanford.edu
Beth Levin bclevin@stanford.edu
Brian Knutson knutson@stanford.edu