

Yiwei Luo

884 Park Dr., Apt. 7, Mountain View, CA 94040

✉ yiweiluo@gmail.com

🌐 <http://stanford.edu/~yiweil/webpage.html>

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Areas of interest

Broad	computational text analysis, computational social science, lexical semantics
Narrow	framing, persuasion, linguistic bias

Education

DEGREE SEEKING PROGRAMS

2017-2023 (expected)	Ph.D. Candidate in Linguistics , Stanford University <ul style="list-style-type: none">• 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 <ul style="list-style-type: none">• <i>Summa cum laude</i>• Undergraduate thesis prize

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, funding & grants

2020-2022	Woods Institute Environmental Venture Project Grant
2021	GRO Dissertation Funding
2017-2019	The Jeanne and Bud Milligan Fellowship in Humanities and Sciences
2017	Princeton Linguistics Department Senior thesis prize
2014	Princeton 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

Experience

2018 Summer	Research Intern, BOLA, INC.
2016 Summer	Research Assistant, REGIER LAB, UNIVERSITY OF CALIFORNIA, BERKELEY
2015 Summer	Research Assistant, CORNELL COMPUTATIONAL LINGUISTICS LAB

Publications

ARTICLES

2020	Yiwei Luo , Dallas Card and Dan Jurafsky. Detecting Stance in Media on Global Warming. <i>Findings of ACL: EMNLP 2020</i> .
2019	Yiwei Luo , Dan Jurafsky and Beth Levin. From <i>insanely jealous</i> to <i>insanely delicious</i> : Computational models for the semantic bleaching of English intensifiers. <i>Proceedings of the 1st International Workshop on Computational Approaches to Historical Language Change</i> .
2018	Yiwei Luo and Yang Xu. Stability in the temporal dynamics of word meanings. <i>CogSci 40</i> .
2017	Yiwei Luo . The Textualization of Swiss German. <i>Schwa Language and Linguistics 13</i> .

Manuscripts

WORK IN PROGRESS

in prep.	Yiwei Luo , Beth Levin, and Dan Jurafsky. Discourse and politeness factors of persuasion in interpersonal arguments.
in prep.	Yiwei Luo , Aaron Chuey and Ellen Markman. <i>Scientists believe</i> vs. <i>Scientists know</i> : How verb framing in headlines shapes public opinion.
in prep.	Yiwei Luo and Beth Levin. Scalarity in Mandarin resultative verb compounds.

Posters & Presentations

ORAL PRESENTATIONS

2023	Yiwei Luo . Taking sides using sentential complement predicates: The interplay of factivity and politeness in persuasion.
2022	Yiwei Luo . Opinion Framing in the Media Coverage of Global Warming and Vaccines. Presentation given at the Construction of Meaning Workshop, March & 2022, Stanford, CA, USA.
2019	Yiwei Luo . From Scales to Scalers: A Computational Approach to the Semantic Bleaching of English De-adjectival Intensifiers. Presentation given at Stanford QP Fest, April & 2019, Stanford, CA, USA.
2018	Yiwei Luo . Change and Stability in Word Polysemy. Presentation given at Stanford Sem-Fest, March & 2018, Stanford, CA, USA.
2016	Yiwei Luo . Gradient grammaticalization of English <i>have to</i> . Presentation given at McGill

Canadian Conference for Linguistics Undergraduates (McCCLU), March & 2013, Montreal, Canada.

PUBLIC TALKS

2022 **Yiwei Luo.** Finding Math in Linguistics. Talk given at Cupertino Math Circle, September & 2022, Sunnyvale, CA, USA.

Teaching

2021 Fall Instructor, STANFORD UNIVERSITY
2021 Winter

- Introduction to Research for Undergraduates, as instructor
- Undergraduate Research Workshop, as instructor

2022 Winter Teaching Assistant, STANFORD UNIVERSITY
2020 Winter

- Introduction to Semantics and Pragmatics, instructor: Chris Potts
- Introduction to Lexical Semantics, instructor: Cleo Condoravdi

2019 Spring

2018 Autumn Grader, STANFORD UNIVERSITY
2019 Autumn

- Programming for Linguists, instructor: Chris Potts
- Introduction to Historical Linguistics, instructor: Paul Kiparsky

Other Teaching Experience

2021-2022 NLP Group Undergraduate Mentor, STANFORD UNIVERSITY, STANFORD, CA
2021-2022 Linguistics Department 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 services

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

Membership

2022- Linguistic Society of America

Skills

LANGUAGES

English and Mandarin Chinese: native

French: advanced

Russian: elementary

Latin and Ancient Greek: reading

COMPUTING

Programming: Python, R, JavaScript, Java, Matlab, SQL, shell script

Libraries and software: PyTorch, TensorFlow, pandas, Git, spaCy, NLTK, AWS Lambda