

# Yang Wang [jǎŋ<sup>35</sup> wǎŋ<sup>35</sup>]

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## Education

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- 2021 - **University of California, Los Angeles**  
Ph.D. in *Linguistics*  
Advanced To Candidacy (Dec 09 2022)
- 2019 - 2021 **University of California, Los Angeles**  
M.A. in *Linguistics*  
*Thesis:* [Regular languages extended with reduplication: Formal models, proofs and illustrations](#)  
*Committee:* Tim Hunter (chair), Bruce Hayes, Dylan Bumford
- 2015 - 2019 **University of California, Los Angeles**  
BACHELOR OF ARTS AND SCIENCE *Cum Laude*  
Major in *Mathematics of computation*  
Major in *Linguistics* with departmental honors awarded
- NON-DEGREE TRAINING
- 2023 *Summer School on Statistical Methods for Linguistics and Psychology*; Advanced Bayesian stream  
University of Potsdam
- 2023 *LSA Summer Institute*; University of Massachusetts, Amherst
- 2021 *European Summer School in Logic, Language and Information*; Held virtually
- 2019 *European Summer School in Logic, Language and Information*; University of Latvia
- 2019 *LSA Summer Institute*; University of California, Davis

## Publications

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### PEER REVIEWED JOURNAL ARTICLES & PROCEEDINGS

- 2023 **Wang, Yang** & Tim Hunter. [On regular copying languages](#). *Journal of Language Modelling*. 11(1): 1–66
- 2021 **Wang, Yang**. [Recognizing reduplicated forms: Finite-State Buffered Machines](#). In *Proceedings of the 18th SIGMORPHON Workshop on Computational Research in Phonetics, Phonology, and Morphology*, 177–187, Online. Association for Computational Linguistics.

## Presentations

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(\* indicates the presenter if multiple authored)

- Oct 2022 Wilson, Colin & **Yang Wang\***. Inductive bias in learning partial reduplication: Evidence from artificial grammar learning. Slides of a talk given at the Annual Meeting on Phonology. UCLA, Los Angeles, CA.
- Oct 2022 **Wang, Yang\*** & Bruce Hayes\*. Learning underlying representations: expectation-maximization and the KK-Hierarchy. Poster presented at the Annual Meeting on Phonology. UCLA, Los Angeles, CA.
- Oct 2021 **Wang, Yang**. A formal model for recognizing reduplication. Poster presented at the Annual Meeting on Phonology. Online, hosted by the University of Toronto and York University.
- August 2021 **Wang, Yang**. Adding reduplication to finite-state machinery. Slides of a talk given at the 32nd ESSLLI Student Session. Online.
- August 2021 **Wang, Yang**. Recognizing Reduplicated Forms: Finite-State Buffered Machines. Slides of a talk given at the 18th SIGMORPHON. Online.

## Fellowships, Honors & Awards

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2023-2024	Dissertation Year Fellowship (\$20,000), UCLA Graduate Division
2022 Summer	Graduate Summer Research Mentorship (\$6,000), UCLA Graduate Division Supervisor: Tim Hunter
2020-2021	Edward L. Keenan Mathematics & Language Graduate Fellowship (\$3950)
2019	Graduate Dean's Scholar Award (\$14,500) <i>with two years of summer funding</i>
2019 - 2020	Friends of Linguistics Scholarship (\$15,000), UCLA Linguistics department
2019	Departmental Honors, UCLA Linguistics department
2019	Phi Beta Kappa, UCLA

## Teaching & Advising

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### INSTRUCTOR

2023 Summer	Ling 185A: Computational Linguistics I
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### TEACHING ASSISTANCE

2024 Spring	Ling 119A: Applied Phonology	<i>Planned</i>
2023 Spring	Ling 185B: Computational Linguistics II (Instructor: Tim Hunter)	
2023 Winter	Ling 185A: Computational Linguistics I (Instructor: Dylan Bumford)	
2022 Fall	Ling 20: Introduction to Linguistic Analysis (Instructor: Ben Eischens)	
2022 Spring	Ling 185B: Computational Linguistics II (Instructor: Tim Hunter)	
2021 Spring	Ling 185B: Computational Linguistics II (Instructor: Tim Hunter)	
2021 Winter	Ling 185A: Computational Linguistics I (Instructor: Tim Hunter)	
2020 Fall	LING 20: Introduction to Linguistic Analysis (Instructor: Tim Hunter)	

### GUEST LECTURER

2021 Winter	Ling 185A: Computational Linguistics I <i>Lecture: Sub-regular phonology and the puzzle of reduplication</i>
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## Research Experience

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2022 Winter	Research assistant, Supervisor: Dr. Tim Hunter, UCLA Department of Linguistics
2021 Fall	Research assistant, Supervisor: Dr. Bruce Hayes, UCLA Department of Linguistics
2022 Summer	

### UNDERGRADUATE EXPERIENCE

2017-2019	<b>Sound Categorization &amp; Prosody</b> Principal Investigator: Dr. Jeremy Steffman • Aided in experiments investigating how prosodic structures and durational modulation influence the segmental categorization of voice onset time continua • Created stimuli, ran participants, validated and managed data	Research Assistant UCLA Phonetics Lab
2018-2019	<b>Variance and Invariance in Voice Quality</b> Principal Investigator: Dr. Patricia Keating • Checked, documented and corrected alignment errors made by the force aligner in recordings	Research Assistant UCLA Phonetics Lab
June 2018 - Aug. 2018	<b>Activities Classification in LAPD Body Worn Videos</b> Project Lead: Dr. Matthew Haberland • Designed and implemented an algorithm to classify real-world police body-worn videos based on ego-motion activities with a measure of uncertainty • Implemented and compared different methods of incorporating temporal information for hand-engineered	Research Assistant UCLA Applied Math REU

feature design in MATLAB

- Performed comparison tests on the performances of Nyström extension and sparse graph for approximating the spectra of Graph Laplacian

June 2016 -

**China Education Panel Survey**

Research Assistant

Sep. 2016

National Survey Research Center at Renmin University of China

- Reviewed surveys on language development, and social behavior development; data entry

## Services & Employment

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2022 - 2023

**Chair of the Colloquium Committee**, UCLA Linguistics Department

2021 - 2023

**Member of the Colloquium Committee**, UCLA Linguistics Department

### OTHER EMPLOYMENT

2020 - 2021

**Rater**, UCLA Test of Oral Proficiency for international Teaching Assistants

2017 - 2019

**Undergraduate homework grader**, UCLA Mathematics Department

### AFFILIATIONS

2023-

Member, Linguistic Society of America

## Skills

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### Languages

**Native:** Mandarin Chinese

**Working level proficiency:** English

**Basic:** Russian

**Fieldwork:** Cantel K'iche'

### Technical

Python, Haskell, R, MATLAB, C++ ,  $\text{\LaTeX}$ , git