Yang Wang [jãŋ³⁵ wãŋ³⁵]

Department of Linguistics
University of California, Los Angeles
3125 Campbell Hall
Los Angeles CA, 90095, U.S.A.

Email: yangwangx@g.ucla.edu
URL: https://sites.google.com/g.ucla.edu/yang-wang-linguist/home

Education

2021 - present	**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

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

Peer reviewed journal articles & proceedings

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

(indicates the presenter)*

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

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) *with two years of summer funding*
2019 - 2020	Friends of Linguistics Scholarship ($15,000), UCLA Linguistics department
2019	*Departmental Honors*, UCLA Linguistics department
2019	*Phi Beta Kappa*, UCLA

Teaching & Advising

TEACHING ASSISTANCE

2023 Spring	Ling 185B: Computational Linguistics II (Instructor: Tim Hunter)	*planned*
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
	Lecture: Sub-regular phonology and the puzzle of reduplication

Research Experience

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

UNDERGRADUATE EXPERIENCE

2017-2019	**Sound Categorization & Prosody**	Research Assistant
	Principal Investigator: Dr. Jeremy Steffman	UCLA Phonetics Lab

• 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

2018-2019	**Variance and Invariance in Voice Quality**	Research Assistant
	Principal Investigator: Dr. Patricia Keating	UCLA Phonetics Lab

• Checked, documented and corrected alignment errors made by the force aligner in recordings

June 2018 - Aug. 2018	**Activities Classification in LAPD Body Worn Videos**	Research Assistant
	Project Lead: Dr. Matthew Haberland	UCLA Applied Math REU

• 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 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 - Sep. 2016	**China Education Panel Survey** National Survey Research Center at Renmin University of China • Reviewed surveys on language development, and social behavior development; data entry	Research Assistant

Services & Employment

2022 - present	**Chair of the Colloquium Committee**, UCLA Linguistics Department
2021 - present	**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 grader**, UCLA Mathematics Department • Graded class homework for calculus, lower and upper division linear algebra, introductory programming
2015 - 2015	**Part-time Translator**, UCLA FuMu Translation Group • Translated *Mindful Tech* by David.M Levy into Chinese with a group of four (published in 2016 by CITIC Press Corporation)

AFFILIATIONS

2023-	Member, Linguistic Society of America

Skills

Languages	**Native**: Mandarin Chinese **Working level proficiency**: English **Basic**: Russian **Fieldwork**: Cantel K'iche'
Technical	Python, Haskell, R, MATLAB, C++ , LaTeX, git