

Qing Yao

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Education

The University of Texas at Austin	08/2024 –
Ph.D. in Linguistics	Austin, TX
• Advisor: Kyle Mahowald	
University of California, Santa Barbara	09/2020 – 03/2024
B.S. in Mathematics, College of Creative Studies	Santa Barbara, CA
• Advisors: Sui Tang (Mathematics), Simon Todd (Linguistics)	

Publications

Bibliography

1. Yao, Q., Misra, K., Weissweiler, L. & Mahowald, K. Both Direct and Indirect Evidence Contribute to Dative Alternation Preferences in Language Models. <https://arxiv.org/abs/2503.20850> (2025).
2. Huang, L., Li, D., Tang, S. & Yao, Q. Random Space-Time Sampling and Reconstruction of Sparse Bandlimited Graph Diffusion Field. *Journal of Fourier Analysis and Applications* **31**, 43 (2025).
3. Yao, Q. & Todd, S. BERT’s Insights Into the English Dative and Genitive Alternations. in *Proceedings of the Society for Computation in Linguistics 2024* 52–62 (2024).
4. Yao, Q., Huang, L. & Tang, S. Space-Time Variable Density Samplings for Sparse Bandlimited Graph Signals Driven by Diffusion Operators. in *ICASSP 2023-2023 IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP)* 1–5 (2023).

Conference Presentations

SCiL	BERT’s Insights Into the English Dative and Genitive Alternations , Virtual poster	06/2024
ICASSP	Sampling and Recovery of Sparse Dynamic Graph Signals , In-person poster in Rhodes, Greece	06/2023
UCSB	Graph Signal Sampling and Recovery via Compressed Sensing , In-person talk at the Research and Creative Activities Conference, College of Creative Studies	11/2022

Awards

UT Austin	Harrington Fellowship	2024
UCSB	Top senior paper in linguistics	2024
	Undergraduate Research and Creative Activities Grant	2023
	College of Creative Studies: Traveling Undergraduate Research Fellowship	2023
	College of Creative Studies: Summer Undergraduate Research Fellowship	2022