Catherine Arnett

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EDUCATION

Present SEP 2019	PhD Candidate Linguistics with Computational Social Science, UC SAN DIEGO, *La Jolla, California, USA* Using corpora, large language models, and human behavioral experiments to gain insights into a grammatical phenomenon in Mandarin Chinese, verbal reduplication. Committee: Farrell Ackerman (chair), Benjamin Bergen, Victor Ferreira, Leon Bergen
July 2018 SEP 2014	M.A. Chinese and Linguistics (First Class Honours), UNIVERSITY OF EDINBURGH, *Edinburgh, UK*

TEACHING AND OUTREACH

Present Aug 2022	Graduate Teaching Consultant for International Instructors, ENGAGED TEACHING HUB, UC SAN DIEGO Instructing incoming international graduate students in teaching skills, subject-specific English, and anti-racist pedagogy.
Jul 2023	Intructor of Record, LIGN 170: Psycholinguistics UCSD LINGUISTICS
Sep 2022	Author and Subject-Matter Expert, Cognitive Foundations, an open Textbook Update and rewrite portions of the *Language* chapter for an open source textbook using bookdown in R.
June 2022 Sep 2019	Graduate Student Teaching Assistant at UC SAN DIEGO Teaching Assistant for LIGN 101: Introduction to Language (Fall 2020-Spring 2022), LIDS 19: Independent Language Study (Winter 2020-Spring 2020); and LIGN 170: Psycholinguistics (Fall 2019)

PUBLICATIONS

1. James A. Michaelov*, **Catherine Arnett***, Tyler A. Chang, Benjamin K. Bergen (to appear). Structural priming demonstrates abstract grammatical representations in multilingual language models. Long paper, *The 2023 Conference on Empirical Methods in Natural Language Processing (EMNLP)*. Singapore. *co-first authors

2. **Catherine Arnett** (2019). Pathways of Change in Romance Motion Events: A Corpus-based Comparison. *Proceedings of the Thirtieth Western Conference on Linguistics (WeCOL)*. Vol 23. Fresno, CA. [pdf]

PRESENTATIONS

1. **Catherine Arnett**, Tyler A. Chang, James A. Michaelov, and Benjamin K. Bergen (to appear) Crosslingual Structural Priming and the Pre-Training Dynamics of Bilingual Language Models. *The 3rd Workshop on Multilingual Representation Learning co-located with EMNLP 2023*. Singapore. [extended abstract]

2. **Catherine Arnett** & Maho Takahashi (2022). Creating a Baseline to Evaluate Correlations Between Language and Environment. *Machine Learning and the Evolution of Language.* Kanagawa/online. [abstract] [poster pdf]

3. **Catherine Arnett** & Eva Wittenberg (2020). Multiple Meanings of Doubling Up: Mandarin Verbal Reduplication. *The 26th Architectures And Mechanisms for Language Processing Conference* (AMLaP). Potsdam/online. [poster pdf]

4. **Catherine Arnett** & Eva Wittenberg (2020). Conceptual Effects of Verbal Reduplication in Mandarin Chinese. *North American Conference on Chinese Linguistics 32.* Storrs, CT/online.

5. **Catherine Arnett** & Eva Wittenberg (2019). Conceptual Effects of Verbal Reduplication in Mandarin Chinese. California Meeting on Psycholinguistics. Santa Cruz, California. [Poster pdf]

6. **Catherine Arnett** (2018). Diachronic study of the typology of motion verbs in the Romance languages. Undergraduate Linguistics Association of Britain Conference, University of Edinburgh.

Scholarships and Funding

Year	Amount	Source
2023	$500	Linguistics Department Anti-Racist Pedagogy Micro-Fellowship
2023	$1,000	Summer Graduate Teaching Scholar
2022	$6,000	LaVerne Noyes Foundation Endowed Fellowship
2022	$9,000	Academic Senate Grant, UCSD
2020	$2000	Friends of the International Center Fellowship, UCSD
2016-2017	£5,000	Eric Liddell China Saltire Scholarship
2014-2018	$ 37,000	St. Andrews Society of North Carolina Scholarship

Certifications

2019-2022	Citi Program Social and Behavioral Research Best Practices for Clinical Research
2017	HSK 5 Certification

Skills

Languages	English - Native | Mandarin - Fluent | Spanish - Fluent
Coding	**R/RStudio** (tidyverse, lme4, bookdown), **Python** (pandas, matplotlib, seaborn, numpy, BeautifulSoup), basic SQL, basic HTML, markdown, LaTeX
Software	Google Suite, Microsoft Office Suite, Adobe CC, Slack, Zoom, GitHub
Interests	Psycholinguistics, cognitive linguistics, corpus work, large language models, morphology, morphosemantics interface, quantitative methods

Service

2020	Reviewer, Undergraduate Linguistics Association of Britain
2019-2020	Linguistics Department Representative, Graduate and Professional Student Association

Mentoring

Sarah Yu	Undergraduate Research Assistant	Fall 2023 -
Livia Zhou	Undergraduate Research Assistant	Fall 2023 -
Yoyo Wu	Undergraduate Research Assistant	Fall 2023 -
Adelle Engmann Yi	Computational Social Science Mentee	Fall 2023 -
Hera Wetzel	Co-Mentored with Olivia Griffin	Spring 2023 - Spring 2023
Vivi Spann	Co-Mentored with Olivia Griffin	Spring 2023 - Spring 2023
Alexandra Ricasata	Co-Mentored with Olivia Griffin	Spring 2023 - Spring 2023
Valerie Yamada	Co-Mentored with Olivia Griffin	Spring 2023 - Spring 2023
Arianna Runyan	Co-Mentored with Olivia Griffin	Winter 2023 - Spring 2023
Isabella Ordonez	Co-Mentored with Olivia Griffin	Winter 2023 - Spring 2023
Jerry Ruiz	Co-Mentored with Olivia Griffin	Winter 2023 - Spring 2023
Jesus Magana	Co-Mentored with Olivia Griffin	Winter 2023 - Spring 2023
Lily Binoya	Co-Mentored with Olivia Griffin	Winter 2023 - Spring 2023
Talon Casey	Co-Mentored with Olivia Griffin	Winter 2023 - Spring 2023
Jiawei Lyu	Undergraduate Research Assistant	Spring 2023 - Spring 2023
Jason Tran	Undergraduate Research Assistant	Winter 2023 - Spring 2023
Emily Xu	Undergraduate Research Assistant	Fall 2022, Spring 2023 -
Tiffany Wu	Undergraduate Research Assistant	Fall 2022 - Winter 2023
Fiona Tang	Undergraduate Research Assistant	Fall 2022 - Spring 2023
Xinyao Yi	Computational Social Science Mentee	Fall 2022 - Fall 2023
Jane Yang	Undergraduate Research Assistant	Winter 2020 - Spring 2022
Annabelle Chang	Undergraduate Research Assistant	Fall 2019 - Winter 2021
Jessica Luo	Undergraduate Research Assistant	Fall 2019 - Winter 2021
Ruoqi Wei	Undergraduate Research Assistant	Fall 2019 - Winter 2021
Zhiyi Li	Undergraduate Research Assistant	Winter 2020 - Winter 2021
Xutong Zhang	Undergraduate Research Assistant	Fall 2020 - Winter 2021
Rebecca Xu	Undergraduate Research Assistant	Fall 2019 - Winter 2020