

Jonathan Charles Paramore

✉ j.paramore@wustl.edu
🌐 joncparamore.github.io/my-website
ORCID ID: 0000-0002-6611-5439

ACADEMIC EMPLOYMENT

Washington University in St. Louis

McDonnell Postdoctoral Fellow in Philosophy-Neuroscience-Psychology 2026 – Present

EDUCATION

University of California, Santa Cruz

PhD, Linguistics with a designated emphasis in Data Science 2021 – 2026
Dissertation: *From Abstract to Episodic: Representations in Speech Production*
Committee: R. Bennett (chair), R. Walker, J. Padgett, D. Bonett

University of North Texas

MA, Linguistics with a concentration in Language Documentation 2019 – 2021
Thesis: *Mankiyali Phonology: Description and Analysis*
Committee: Sadaf Munshi (chair), Shobhana Chelliah, Brett Hyde

Washington University in St. Louis

BA, Linguistics 2011 – 2015
Advisor: Brett Hyde

RESEARCH INTERESTS

Phonetics & Phonology, Language & Cognition, Speech Representations, Statistical & Computational Modeling, Fieldwork on the Languages of Pakistan

PUBLICATIONS

Journal Articles (peer-reviewed)

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| submitted | Paramore, Jonathan Charles. The locus of linguistic knowledge: An exemplar model of phonetic neutralization. <i>Language and Cognition</i> . |
| to appear | Paramore, Jonathan Charles & Ryan Bennett. Covert URs: Evidence from nasalization in Panjabi. <i>Natural Language & Linguistic Theory</i> . |
| 2026 | Hyde, Brett & Jonathan Charles Paramore. The Sentani variation. <i>Phonology</i> , 43. e5. doi.org/10.1017/S0952675726100293. |
| 2025 | Paramore, Jonathan Charles & Aurangzeb Mankiyali. The acoustic correlates of word-level stress and focus-related prominence in Mankiyali. <i>Journal of the International Phonetic Association (JIPA)</i> , 55(3), p.289-330. doi.org/10.1017/S0025100325100650. |

- 2025 **Paramore, Jonathan Charles.** Codas are universally moraic. *Phonology*, 42. e1. p.1-36. doi.org/10.1017/S0952675724000204.

Proceedings (peer-reviewed article)

- 2026 **Paramore, Jonathan Charles.** Learning latent linguistic representations with serial hypothesis space expansion. *Society for Computation in Linguistics*, 9(1). doi.org/10.7275/scil.4045
- 2025 **Paramore, Jonathan Charles.** Learning covert URs via disparity minimization. *Society for Computation in Linguistics* 8(1). doi.org/10.7275/scil.3205

Book Chapters (invited & peer-reviewed)

- submitted **Paramore, Jonathan Charles.** Phonetically complete neutralization of vowel nasality in Mankiyali. In C. Elizabeth Goodin-Mayeda (Ed.) *Nasals and Nasalized Sounds*. University of Toronto Press.
- submitted Hildebrandt, Kristine, Gregory D. S. Anderson & **Jonathan Charles Paramore.** South (& Central) Asia. In Raquel-María Sapién (Ed.) *Routledge Handbook of Language Documentation*. Routledge.

Proceedings (peer-reviewed abstract)

- 2016 Hyde, Brett & **Jonathan Charles Paramore.** Phonological subcategorization, infixation, and Relation-Specific Alignment. *Proceedings of the Annual Meetings on Phonology* 3. doi.org/10.3765/amp.v3i0.3675

Theses

- 2026 **Paramore, Jonathan Charles.** *From Abstract to Episodic: Representations in Speech Production*. PhD Dissertation, University of California, Santa Cruz. escholarship.org/uc/item/2z12k9rs
- 2021 **Paramore, Jonathan Charles.** *Mankiyali Phonology: Description and Analysis*. Master's Thesis, University of North Texas. doi.org/10.12794/metadc1833465.

Manuscripts

Paramore, Jonathan Charles. Listeners adapt speech based on talker social status: evidence from Pakistani Punjabi.

PRESENTATIONS

Invited Talks

- 2026 Learning abstract Representations. *Washington University in St Louis, Linguistics Colloquium.*
- 2026 From Abstract to Episodic: Representations in Speech Production. *University of Arizona, Linguistics Colloquium.*
- 2023 Codas are universally moraic. *Stanford, P-interest Group.*
- 2023 Codas are universally moraic. *UC Berkeley, Phorum.*

Presentations (peer-reviewed)

- 2026 **Paramore, Jonathan Charles.** Learning Latent Representations with Progressive Hypothesis Space Expansion. Talk at *ninth annual meeting for the Society for Computation in Linguistics*. Co-located with the Meeting of the Association for Computational Linguistics.
- 2025 **Paramore, Jonathan Charles.** Modeling Phonetic Neutralization in Exemplar Theory. Talk at *2025 Annual Meeting on Phonology (AMP)*. UC Berkeley.
- 2025 **Paramore, Jonathan Charles.** Learning covert URs via disparity minimization. Talk at *Society for Computation in Linguistics (SCiL)*. University of Oregon.
- 2025 **Paramore, Jonathan Charles & Adeline Sui.** Phonetically complete neutralization in Mankiyali. Talk at *Formal Approaches to South Asian Languages (FASAL) 15*. University of Texas, Austin.
- 2024 **Paramore, Jonathan Charles.** Covert URs: evidence from Pakistani Punjabi. Talk at *Formal Approaches to South Asian Languages (FASAL) 14*. Stony Brook University.
- 2023 **Paramore, Jonathan Charles & Aurangzeb.** Acoustic correlates of stress in Mankiyali. Talk at *Formal Approaches to South Asian Languages (FASAL) 13*. University of Michigan.
- 2022 **Paramore, Jonathan Charles.** Toward a uniform moraic quantity principle. Poster at the *2022 Annual Meeting on Phonology (AMP)*. UCLA.
- 2021 **Paramore, Jonathan Charles & Sadaf Munshi (advisor).** The life of a file from creation to CoRSAL: an interdisciplinary approach to managing language documentation materials. Talk at the *International Conference of Language Documentation & Conservation (ICLDC) 7*. University of Hawai'i.

Presentations (other)

- 2026** **Paramore, Jonathan Charles.** Listeners adapt speech based on talker social status: Evidence from Pakistani Punjabi. Poster at *UCSC Graduate Research Symposium*.
- 2025** **Paramore, Jonathan Charles.** Covert URs: evidence from Pakistani Punjabi. Talk at *Linguistics at Santa Cruz (LASC)*.
- 2024** **Paramore, Jonathan Charles.** Abstract underlying representations. Poster at *UCSC Graduate Research Symposium*.
- 2023** **Paramore, Jonathan Charles & Aurangzeb.** Acoustic correlates of stress in Mankiyali. Poster at *UCSC Graduate Research Symposium*.
- 2022** **Paramore, Jonathan Charles.** The uniform moraic quantity principle. Poster at *MidPhon 27*. Washington University in St. Louis.
- 2020** **Paramore, Jonathan Charles.** A first look at lexical stress in Mankiyali. Talk at *the 12th DFW Metroplex Linguistics Conference*. Dallas International University.

Teaching

Instructor of Record (WashU)

<i>Inquiry in the Cognitive Sciences</i>	<i>Spring 2027</i>
<i>Intro to Linguistics</i>	<i>Fall 2026</i>

Instructor of Record (UC Santa Cruz)

<i>Phonetics 1</i>	<i>Winter 2025</i>
<i>Quantitative Methods</i>	<i>Fall 2025</i>

Assistantships (UC Santa Cruz)

<i>The Human Voice</i>	<i>Winter 2026</i>
<i>Introduction to Linguistics</i>	<i>Fall 2022, Spring 2025</i>
<i>Phonetics 1</i>	<i>Winter 2023, Fall 2024</i>
<i>Phonetics 2</i>	<i>Spring 2024, Spring 2026</i>
<i>Phonology 1</i>	<i>Spring 2023</i>
<i>Quantitative Methods</i>	<i>Fall 2023</i>
<i>Syntax 1</i>	<i>Winter 2024</i>

Advising

WashU Undergraduate Theses (Committee Member)

ongoing Cecilia Idinopulos, *Prosodic Indicators of Memory Accuracy*.

ongoing Zitang Yang, *Representation & Computational Complexity of Tianjin Tone Sandhi*.

External Mentorship & Teaching

Mentorship

R Programming for Research speaker Winter 2026

LSA pop-up mentoring at 8th SCiL Conference Summer 2025

SLUG Career Mentorship Program 2023 - 2026

- Founder of the Supporting Linguistics Under-Graduates Career Mentorship Program, which guided students through the process of choosing a career path and being ready to take the next step toward that career upon graduation.

Science Internship Program (SIP) 2024, 2025, 2026

- Mentored 3-4 high-school interns during three 9-week summer sessions, guiding them through the full research cycle: question formulation, experimental design, data collection, acoustic analysis in Praat, statistical modeling in R, and presentation of findings.

Graduate school application workshop speaker Winter 2023

Teaching

International Workshop on Language Documentation Summer 2022
Islamabad, Pakistan: Allama Iqbal Open University

- Co-led a five-day workshop with ~45 participants, teaching sessions on phonetics, phonology, and data management to equip Pakistani scholars with basic tools in language documentation and revitalization.

Awards

Jorge Hankamer Outstanding Graduate Instructor in Linguistics Award 2026

Fellowships and Grants

UC President's Pre-Professoriate Fellowship 2026
(\$500)

UCSC President's Summer Dissertation Fellowship 2026
(\$8,000)

National Science Foundation (NSF) ACL Conference Grant 2026
(\$800)

<i>STARRS re-entry Grant</i> (\$2,000)	2026
<i>Google Computation in Linguistics Conference Travel Grant</i> (\$500)	2025
<i>The Humanities Institute Dissertation Fellowship</i> (\$6,000)	2025
<i>UCSC Humanities Fellowship</i> (\$3,500)	2024
<i>American Institute of Pakistan Studies Research Grant</i> (\$3,000)	2023
<i>STARRS re-entry Grant</i> (\$1,500)	2023
<i>THI Summer Research Grant</i> (\$2,500)	2023
<i>UCSC Graduate Dean's Research Travel Grant</i> (\$350)	2023
<i>THI Summer Research Grant</i> (\$2,500)	2022
<i>UCSC Graduate Dean's Research Travel Grant</i> (\$500)	2022
<i>UCSC Regents Summer Fellowship</i> (\$2,000)	2022
<i>UCSC Chancellor's Fellowship</i> (\$28,000)	2021 – 2022
<i>Sadaf Munshi Graduate Fellowship</i> (\$8,275)	2020 – 2021

FIELDWORK

Punjabi and Mankiyali languages **Summer 2023**
Islamabad and Mansehra, Pakistan 3.5 weeks

- Conducted experiments on Punjabi (36 speakers) and Mankiyali (40 speakers) to analyze the nasal airflow patterns of vowels.

Mankiyali language **Summer 2022**
Mansehra, Pakistan 3.5 weeks

- Conducted an experiment with 30 native speakers of Mankiyali to explore the acoustic correlates of stress in the language.
- Collected previously unrecorded narratives, stories, and poems.

RESEARCH EXPERIENCE

Graduate Student Researcher Jul. 2022 – Sept. 2022

Advisor: Ryan Bennett, Project: Oro-Nasal Airflow UC, Santa Cruz

- Wrote a literature review summarizing pertinent oro-nasal airflow research.
- Created lab manual for Glottal Enterprises oro-nasal airflow system.

Graduate Student Researcher Jul. 2022 – Aug. 2022

Advisor: Rachel Walker, Project: Ladin Phonetics UC, Santa Cruz

- Developed Praat script to facilitate rapid annotation of sound files.
- Analyzed/annotated segment boundaries of more than 3,600 Ladin words in Praat.

Graduate Research Assistant Jan. 2020 – Aug. 2021

Advisor: Sadaf Munshi, Project: NSF #1761658 University of North Texas

- Elicited data from native speakers of the Mankiyali language, spoken in Pakistan.
- Wrote the first phonological sketch of the language.
- Curated digital language documentation materials for the project.
- Managed metadata for the project and collaborated with a digital archive to preserve digital resources.

SERVICE

Article Reviewer (# of articles reviewed)

Glossa (2), Himalayan Linguistics (1), Phonology (2)

Conference Editorial and Organizational Positions

Proceedings Editor

Formal Approaches to South Asian Languages 15 2025

Organizing Committee

West Coast Conference on Formal Linguistics 41 2023

International Conference on Sino-Tibetan Languages and Linguistics 53 2020

UC, Santa Cruz

PhLunch Reading Group Co-Organizer Fall 2023 – Winter 2024

PhLunch Reading Group Organizer Fall 2022 – Summer 2023

PROGRAMMING LANGUAGES

R, Python, SQL

SKILLS

Machine Learning, ASR, Relational Databases, LaTeX, Statistical Modeling, Data Visualization, Git, Audacity, Saymore, MS office, Praat