

# Jonathan Charles Paramore

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## ACADEMIC EMPLOYMENT

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### Washington University in St. Louis

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

## EDUCATION

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### 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

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Phonetics/Phonology, Psycholinguistics, Speech Representations, Statistical & Computational Modeling, Fieldwork on the Indigenous Languages of Pakistan

## PUBLICATIONS

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### *Journal Articles (peer-reviewed)*

- in revision**    **Paramore, Jonathan Charles & Ryan Bennett.** Covert URs: Evidence from nasalization in Pakistani Panjabi. *Natural Language & Linguistic Theory*.
- 2026**            Hyde, Brett & **Jonathan Charles Paramore.** The Sentani Variation. *Phonology*, 43. e5.
- 2025**            **Paramore, Jonathan Charles & Aurangzeb Mankiyali.** The acoustic correlates of word-level stress and focus-related prominence in Mankiyali. *Journal of the International Phonetic Association (JIPA)*, p.1-42. 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)*

- submitted** **Paramore, Jonathan Charles.** Learning Latent Linguistic Representations with Serial Hypothesis Space Expansion. *Society for Computation in Linguistics* 9.
- 2025** **Paramore, Jonathan Charles.** Learning covert URs via disparity minimization. *Society for Computation in Linguistics* 8(1): 29.  
doi.org/10.7275/scil.3205

### *Book Chapters (invited)*

- in prep.** Hildebrandt, Kristine, Gregory D. S. Anderson & **Jonathan Charles Paramore.** South (& Central) Asia. In Raquel-María Sapién (Ed.) *Routledge Handbook of Language Documentation*. Routledge.
- in prep.** **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.
- in prep.** **Paramore, Jonathan Charles & Sadaf Munshi.** Mankiyali Phonology. In Sadaf Munshi (Ed.), *A grammar of Mankiyali*.

### *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*

- in prep.** **Paramore, Jonathan Charles.** *From Abstract to Episodic: Representations in Speech Production*. PhD Dissertation, University of California, Santa Cruz.
- 2021** **Paramore, Jonathan Charles.** *Mankiyali Phonology: Description and Analysis*. Master's Thesis, University of North Texas.  
digital.library.WashU.edu/ark:/67531/metadc1833465/.

### *Manuscripts*

- Paramore, Jonathan Charles.** Simulating Category Neutralization in an Exemplar-Based Learning System.
- Paramore, Jonathan Charles.** Listeners adapt speech based on talker social status: evidence from Pakistani Punjabi.

## PRESENTATIONS

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### *Invited Talks*

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

### *Presentations (peer-reviewed)*

- 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 WashU.
- 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 WashU.
- 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)*

- 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

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### UC, Santa Cruz

#### Instructor of Record

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

#### Assistantships

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

#### Advising and Mentorship

<i>R Programming for Research speaker</i>	Winter 2026
<i>SLUG Career Mentorship program</i>	Spring 2024 - Present

- Co-founder of the Supporting Linguistics Under-Graduates Career mentorship program, a mentorship program that guides linguistics majors through the process of choosing a career path and being ready to take the next step toward that career upon graduation.

<i>Science Internship Program (SIP)</i>	Summer 2024, Summer 2025
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- Mentored 3-4 high-school interns during two 9-week summer sessions (2024 & 2025), 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.

<i>Graduate school application workshop speaker</i>	Winter 2023
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## External Teaching

### Training Workshops

*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, FELLOWSHIPS, AND GRANTS

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

## FIELDWORK

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### Punjabi and Mankiyali languages

*Islamabad and Mansehra, Pakistan*

Summer 2023

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

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**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 digital archive preserve digital resources.

## SERVICE

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*Article Reviewer (# of articles reviewed)*  
*Phonology (2), Glossa (1)*

### *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**

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R, Python, SQL

## **SKILLS**

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