

Jonathan Charles Paramore

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EDUCATION

University of California, Santa Cruz

PhD, Linguistics with an emphasis in Data Science

2021 – Present

Dissertation: *From Abstract to Episodic: Modeling speech in Panjabi and Mankiyali*

Committee: R. Bennett (chair), R. Walker, J. Padgett, D. Bonett

University of North Texas

MA, Linguistics

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

Phonology, phonetics, computational modeling, languages of Pakistan

PUBLICATIONS

Journal Articles (peer-reviewed)

- submitted** **Paramore, Jonathan Charles & Ryan Bennett.** Covert URs: Evidence from nasalization in Pakistani Panjabi.
- to appear** Hyde, Brett & **Jonathan Charles Paramore.** The Sentani Variation. *Phonology*.
- 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)

- 2025** **Paramore, Jonathan Charles.** Learning covert URs via disparity minimization. *Society for Computation in Linguistics* 8(1): 29. doi.org/10.7275/scil.3205

Proceedings (peer-reviewed abstract)

- in prep.** **Jonathan Charles Paramore & Adeline Sui.** Phonetically complete neutralization in Mankiyali. *Proceedings of Formal Approaches to South Asian Languages* 15.
- 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

- 2021** **Paramore, Jonathan Charles.** Mankiyali Phonology: Description and Analysis. *University of North Texas*.
digital.library.unt.edu/ark:/67531/metadc1833465/.

Manuscripts

- Paramore, Jonathan Charles.** Modeling neutralization in Exemplar Theory.
- Paramore, Jonathan Charles.** Listeners adapt speech based on talker social status: evidence from Pakistani Punjabi.
- Paramore, Jonathan Charles & Sadaf Munshi.** Mankiyali Phonology. In Sadaf Munshi (Ed.), *A grammar of Mankiyali*.

PRESENTATIONS

Invited Talks

- 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 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)

- 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

UC, Santa Cruz

Instructor of Record

Phonetics 1

Winter 2025

Quantitative Methods

Fall 2025

Assistantships

Introduction to Linguistics

Fall 2022, Spring 2025

Phonetics 1

Winter 2023, Fall 2024

<i>Phonetics 2</i>	<i>Spring 2024</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 and Mentorship

SLUG Career Mentorship program *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.

Science Internship Program (SIP) *Summer 2024, Summer 2025*

- 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.

Graduate school application workshop speaker *Winter 2023*

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.

AWARDS, FELLOWSHIPS, AND GRANTS

The Humanities Institute Dissertation Fellowship *Summer 2025*
 (\$6,000)

UCSC Humanities Fellowship *Summer 2024*
 (\$3,500)

American Institute of Pakistan Studies Research Grant *Summer 2023*
 (\$3,000)

STARS re-entry award *Summer 2023*
 (\$1,500)

THI Summer Research Grant *Summer 2023*
 (\$2,500)

UCSC Graduate Dean's Research Travel Grant *Summer 2023*
 (\$350)

THI Summer Research Grant (\$2,500)	Summer 2022
UCSC Graduate Dean's Research Travel Grant (\$500)	Summer 2022
UCSC Regents Summer Fellowship (\$2,000)	Summer 2022
UCSC Chancellor's Fellowship (\$28,000)	Fall 2021 – Summer 2022
Sadaf Munshi Graduate Fellowship (\$8,275)	Spring 2020 – Spring 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 digital archive preserve digital resources.

SERVICE

Article Reviewing (# of articles reviewed)

Phonology (2)

UC, Santa Cruz

PhLunch Reading Group Co-Organizer

Fall 2023 – Winter 2024

PhLunch Reading Group Organizer

Fall 2022 – Summer 2023

41st WCCFL Organizing Committee

Fall 2022 – Spring 2023

Colloquium events committee

Fall 2021 – Spring 2023

PROGRAMMING LANGUAGES

R, Python

SKILLS

Machine Learning, Audacity, Saymore, MS office, Praat, LaTeX, Markdown