

Jupitara Ray

Updated December 9, 2025

Department of Linguistics, Boston University
111 Cummington Mall, Boston, MA 02215
✉ jupitara@bu.edu 🌐 jupitararay.github.io

Research Interests

I am broadly interested in phonetics and phonology, specifically on the relationship between speech production and perception, bi/multilingualism, second language acquisition, and socio-phonetic variation.

Education

Expected May 2026	Ph.D., Boston University Linguistics Dissertation: Phonetic Accommodation and Drift: A study of Hindi-English and Telugu-English early sequential bilinguals
2020-2023	M.A., Boston University Linguistics
2017 - 2019	M.A., The English and Foreign Languages University, Hyderabad Linguistics
2017 - 2018	Diploma, The English and Foreign Languages University, Hyderabad Japanese Language and Literature
2013 - 2016	B.A., The English and Foreign Languages University, Hyderabad English Language and Literature

Publications

Conference Presentations

January 2026	2026 Annual Meeting of the Linguistic Society of America <i>New Orleans, LA</i> Talk: L2 accommodation-led drift: Asymmetries between L1 production and perception Ray, J., Chang, C.B.
December 2025	189th Meeting of the Acoustical Society of America <i>Honolulu, Hawaii</i> Poster: Greater L2 phonetic accommodation does not predict greater L1 phonetic drift in early bilinguals Ray, J., Chang, C.B.
November 2025	The 50th annual Boston University Conference of Language Development <i>Boston, MA</i> Poster: L2 influence, L1 resilience: Change and stability in early bilingual speakers of Indian English Ray, J., Chang, C.B.
June 2025	15th International Symposium on Bilingualism <i>Donostia-San Sebastián, Spain</i> Poster: Phonetic accommodation in Hindi-English and Telugu-English early sequential bilinguals: The roles of category establishment and phonetic dissimilarity Ray, J., Chang, C.B.

- May 2025 **188th Meeting of the Acoustical Society of America** *New Orleans, LA*
Poster: Testing the role of L1 influence in phonetic accommodation by Indian English bilinguals
Ray, J., Chang, C.B.
- August 2023 **15th International Austronesian and Papuan Languages and Linguistics Conference** *Olomouc, Czech Republic*
Talk: Mapping the linguistic diversity in Daru Secondary: Identifying languages and language use
Ray, J., Lindsey, K.
- May 2023 **184th Meeting of the Acoustical Society of America** *Chicago, IL*
Poster: Acoustics Of Vowel Variation in Assamese
Ray, J.
- November 2022 **The 47th annual Boston University Conference of Language Development**
Boston, MA
Poster: Language-specific infant babbling patterns in Kabyle-Berber
Gaoua, D., Kellogg, J., **Ray, J.**

Proceedings

- July 2023 Gaoua, D., Kellogg, J., **Ray, J.** (2023). [Language-Specific Infant Babbling Patterns in Kabyle-Berber](#). *Proceedings of the 47th Boston University Conference of Language Development*. Cascadia Publishing.

Experience

Teaching and Mentoring

- Spring 2025 **Undergraduate Research Mentor, PAMLab, Boston University**
Project: Phonetic Accommodation and Drift in Indian English Speakers
- Fall 2023 **Teaching Fellow, Boston University**
LX 301 Phonetics and Phonology: Introduction to Sound Systems
- Fall 2022 **Teaching Fellow, Boston University**
LX 250 Introduction to Linguistics
- Fall 2021 **Teaching Fellow, Boston University**
LX 250 Introduction to Linguistics

Research

- Spring 2024 **Research Fellow, PAMLab, Boston University**
Mandarin Perception Study, AlcoLang
P.I. Dr. Charles Chang
- Spring 2023 **Research Fellow, Boston University**
Studying Control Structures in Assamese
P.I. Dr. Neil Myler
- Spring 2022 **Research Fellow, Boston University**
Intonation in a Saudi Arabic dialect
P.I. Dr. Jon Barnes
- Fall 2020 **Research Fellow, Boston University**

Kawam Documentation and Technology Training
P.I. Dr. Kate Lynn Lindsey

Award and Grants

Spring 2025-27	U.S. National Science Foundation Doctoral Dissertation Research: An examination of language change and dialect change in tandem \$19,612
Spring 2025	Boston University, Department of Linguistics Conference Travel Funds \$1500
Spring 2024	Boston University, Graduate Research Abroad Fellowship (GRAF) Dissertation Research Funding \$6000
Summer 2024	Boston University, Department of Linguistics Dissertation Research Funding \$950
Fall 2022	Boston University, Department of Linguistics Research Funding for Qualifying Paper II \$750 Conference Travel Funds \$850
Fall 2021	Boston University, Department of Linguistics Research Funding for Qualifying Paper I \$750

Invited Talks

Fall 2025	Guest Lecture, Northeastern University Phonetic Accommodation of an L2 by Early Indian English Bilinguals
Summer 2024	Guest Lecture, Margheria College Assam, India Phonological description of Assamese Variation
Fall 2023	Guest Lecture, Boston University LX 301 Phonetics and Phonology: Introduction to Sound Systems Lecture on <i>A Phonetic Description of Vowels in Assamese</i>
Fall 2022	Guest Lecture, Boston University LX 301 Phonetics and Phonology: Introduction to Sound Systems Lecture on <i>Same same, but different: Variation of Vowels in Assamese</i>

Service

Fall 2023	Co-Organizer Boston University Conference on Language Development 48
Fall 2022	Sponsorship and Marketing Chair Boston University Conference on Language Development 47

Edited volumes

July 2024 Proceedings of the 48th annual Boston University Conference on Language Development. Cascadia Publishing.
AlThagafi, H., **Ray, J.**

Software Skills

Linguistic: Audacity, ELAN, Praat, Montreal Forced Aligner
Statistics: RStudio
Experiment: Gorilla, Qualtrics, PsychoPy

Languages

Native - Advanced: Koch Rajbongshi [rkt], Assamese [asm], English [eng], Hindi [hin]
Intermediate: Japanese [jpn], Bengali [ben]
Beginner - Reading knowledge: French [fra], Korean [kor], German [deu]
Research knowledge: Kawam [kit], Kabyle [kab]