KAREE GARVIN

Ohio State University ◇ Department of Linguistics
garvinkaree@gmail.com ◇ kareegarvin.com ◇

PROFESSIONAL EXPERIENCE

Assistant Professor *January 2026 - Present*
Ohio State University

Postdoctoral Researcher *January 2022 - August 2025*
NSF grant: *Speech and Communicative Timing Across Languages and Linguistic Contexts*
Harvard University, Department of Linguistics *June 2022 - August 2025*
University of Delaware, Department of Linguistics & Cognitive Science *January 2022 - June 2022*

EDUCATION

University of California, Berkeley, PhD 2021
Department of Linguistics
MA Thesis: *Progressive fronting in Nafaanra: a case study of altruistic movement*
Dissertation: *Word medial syllabification and gestural coordination*

University of Iowa, MA *2016*
Department of Linguistics

Idaho State University, MS *2014*
Department of Anthropology

Idaho State University, BA *2012*
Department of English: Major in Creative Writing; Minor in Russian and Linguistics

INVITED PEER-REVIEWED PUBLICATIONS

Garvin, Karee. (2026). Experimental phonology. In P. Milin (Ed.), Encyclopedia of language and linguistics. Amsterdam: Elsevier. [article]

PEER-REVIEWED PUBLICATIONS

Garvin, Karee (2026). A constraint-based model of articulatory pressures on English phonotactic frequency. Special issue in series Oxford Studies in Phonology and Phonetics. [paper]

Garvin, Karee, Eliana Spradling, & Kathryn Franich (2025). Co-speech gestures influence the magnitude and stability of articulatory movements: Evidence for coupling-based enhancement. Scientific Reports. [paper]

Garvin, Karee & Kathryn Franich (2023). Gestural alignment and accommodation in speaker-listener head gestures. International Congress of Phonetic Sciences. [paper]

Dych, Walter*, **Karee Garvin***, & Kathryn Franich (2023). Comparing manual vs. semi-automated methods for the coding of co-speech gestures. International Congress of Phonetic Sciences. [paper]

Zaslavsky, Noga*, **Karee Garvin***, Charles Kemp, Naftali Tishby, & Terry Regier (2022). The evolution of color naming reflects pressure for efficiency: Evidence from the recent past. Journal of Language Evolution. [paper

Zaslavsky, Noga*, **Karee Garvin***, Charles Kemp, Naftali Tishby, & Terry Regier (2019). Evolution and efficiency in color naming: The case of Nafaanra. CogSci 2019: 68. [paper]

Garvin, Karee*, Anna Macknick*, Katie Russell*, & Hannah Sande*, (to appear). STAMP morphs and non-pronominal STAMP in West Africa: typology and areal distributions. Between Niger-Congo and Macro-Sudan Belt: Diedrich Westermann's legacy on West-central African linguistic history. Language Science Press. [manuscript]

Garvin, Karee* & Myriam Lapierre* (accepted). Integrating Q Theory with Moraic Theory: A case study from Nanti stress. Phonology at its interfaces. [manuscript]

*indicates equally contributing first authors

PROCEEDINGS PUBLICATIONS

Schwarz, Martha, Myriam Lapierre, **Karee Garvin**, & Sharon Inkelas (2020). Recent advances in Q Theory: Segment strength. Proceedings of the Linguistic Society of America. [paper]

Garvin, Karee, Sharon Inkelas, Myriam Lapierre, & Martha Schwarz (2020). Modeling Vowel Quantity Scales in Q Theory. Proceedings of the 2019 Annual Meeting on Phonology. [paper]

Garvin, Karee, Myriam Lapierre, & Sharon Inkelas (2018). A Q-theoretic approach to distinctive subsegmental timing. Proceedings of the Linguistic Society of America. [paper]

WORKING PAPERS

Garvin, Karee (2019). Progressive fronting in Nafaanra: a case study of altruistic movement. Berkeley Papers in Formal Linguistics, Volume 2. [paper]

Garvin, Karee (2018). An acoustic outlook on initial stops in Northern Shoshoni. University of California, Berkeley PhonLab Annual Report, Volume 14. [paper]

Garvin, Karee (2014). Shoshoni oral narratives: Impacts of narrative for cultural preservation and language learning. Idaho State University, Department of Anthropology Working Papers. [paper]

ARCHIVE COLLECTIONS

Garvin, Karee, Western Ghana Color Naming, SCL 2019-32, Survey of California and Other Indian Languages, University of California, Berkeley. [doi:10.7297/X2VH5MCR]

Garvin, Karee, Nafaanra Documentation Project, SCL 2017-11, Survey of California and Other Indian Languages, University of California, Berkeley. [doi:10.7297/X2V98672]

Garvin, Karee, Noah Hermalin, Myriam Lapierre, Yevgeniy Melguy, Tessa Scott, & Eric Wilbanks, Berkeley Field Methods: Mam (San Juan Atitán), SCL 2017-07. Survey of California and Other Indian Languages, University of California, Berkeley. [doi:10.7297/X2XP73JW]

EDITED VOLUMES

Garvin, Karee, Noah Hermalin, Myriam Lapierre, Yevgeniy Melguy, Tessa Scott, & Eric Wilbanks (Eds.) (2018). Proceedings of the 44th Annual Meeting of the Berkeley Linguistics Society. Berkeley, California. [pdf]

NON-ACADEMIC PUBLICATIONS

(2012) воскресень. Black Rock and Sage Literary Magazine, Issue 11, Idaho State University. [Poetry]
(2011) Ars Poetica: My Ink. Black Rock and Sage Literary Magazine, Issue 10, Idaho State University. [Poetry]
(2010) Leda. Black Rock and Sage Literary Magazine, Issue 9, Idaho State University. [Short Fiction]

INVITED TALKS

Garvin, Karee (2023). Variable syllabification and jaw oscillation. Colloquium, Boston University, Boston, MA.

Garvin, Karee, Myriam Lapierre, Martha Schwarz, & Sharon Inkelas (2022). Subsegmental strength: quantity and quality. Phonology Circle, Michigan State, East Lansing, MI.

Lapierre, Myriam, **Karee Garvin**, Martha Schwarz, & Sharon Inkelas (2019). Modeling scalar vowel strength in Q Theory. Princeton Phonology Forum. Princeton, NJ.

Garvin, Karee, Myriam Lapierre, Martha Schwarz, & Sharon Inkelas (2018). Developments in Q-Theory. Seminar on Subsegmental Representations, UC Santa Cruz, Santa Cruz, CA.

Garvin, Karee (2014). Shoshoni Oral Narratives. Idaho State University Panel on Narrative. Pocatello, ID.

CONFERENCES

Lapierre, Myriam* & **Karee Garvin*** (2026). Modeling segment strength in Q Theory: A case study of Ticuna. Annual Meeting on Phonology, College Park, MD. [Poster]

Garvin, Karee & Myriam Lapierre (2025). Modeling Vowel Quantity Scales in Q Theory. Annual Meeting on Phonology, Berkeley, CA. [Poster]

Dych, Walter*, **Karee Garvin***, & Kathryn Franich (2024). A toolkit for automating co-speech gesture data annotation and analysis. Multimodal Communication Symposium (MMSYM). Frankfurt, Germant. [Presentation]

Garvin, Karee & Kathryn Franich (2024). Effects of co-speech gesture on magnitude and stability of oral gestures. LabPhon. Seoul, South Korea. [Presentation]

Dych, Walter*, **Karee Garvin***, & Kathryn Franich (2024). Multigest: Creating Multimodal Corpora for Co-Speech Gesture Research. CorpusPhon. Seoul, South Korea. [Presentation/Poster]

Garvin, Karee (2024). The role of articulatory pressure in lenition. Annual Meeting of the Linguistic Society of America, New York City, NY. [Presentation]

Garvin, Karee (2023). Articulatory pressures on English phonotactic frequency. Workshop on Sequencing in Phonology. Tromsø, Norway [Presentation]

Garvin, Karee & Kathryn Franich (2023). Gestural alignment and accommodation in speaker-listener head gestures. 20th International Congress of Phonetic Sciences. Prague, Czech Republic [Poster]

Dych, Walter*, **Karee Garvin***, & Kathryn Franich (2023). Comparing manual vs. semi-automated methods for the coding of co-speech gestures. 20th International Congress of Phonetic Sciences. Prague, Czech Republic [Presentation]

Felice, Lydia*, **Karee Garvin***, Anna Macknick*, Katherine Russell*, & Hannah Sande* (2023). TAMP marking on non-pronominal subjects in the Macro-Sudan Belt. African Conference in Linguistics. UCONN [Presentation]

Garvin, Karee (2022). Variable syllabification and jaw oscillation. Association for Laboratory Phonology, Virtual. [Poster]

Garvin, Karee (2022). Implementing jaw movement constraints in the syllable architecture. 29th Manchester Phonology Meeting. [Poster]

Garvin, Karee*, Katie Russell*, & Hannah Sande* (2021). A typology of STAMP morphs in the Macro-Sudan Belt. Diedrich Westermann's legacy between Macro-Sudan Belt and Niger-Congo: an international workshop on the linguistic history in Central Africa commemorating the 100th anniversary of the 1st professorship for African languages. Berlin, Germany. [Presentation]

Garvin, Karee*, Katie Russell*, & Hannah Sande* (2021). There is no unified generative analysis of STAMP morphs. The 5th American International Morphology Meeting, Ohio State University in Columbus, Ohio. [Presentation]

Garvin, Karee*, Katie Russell*, & Hannah Sande* (2021). A typological survey of STAMP morphology and phonology in the Macro-Sudan Belt. 10th World Congress of African Linguistics, Leiden University, Netherlands. [Presentation]

Garvin, Karee* & Eric Wilbanks* (2020). Phonological encoding and the nature of segments. Association for Laboratory Phonology, Vancouver, Canada. [Poster]

Garvin, Karee*, Myriam Lapierre*, Martha Schwarz*, & Sharon Inkelas* (2019). Modeling Vowel Quantity Scales in Q Theory. Annual Meeting on Phonology, Stony Brook, NY. [Presentation]

Lapierre, Myriam*, Tessa Scott*, & **Karee Garvin***. (2019). Morphologically conditioned (sub)segmental subtraction in Mam. The 9th Conference on Indigenous Languages of Latin America (CILLA IV), University of Texas at Austin. [Presentation]

Zaslavsky, Noga*, **Karee Garvin***, Charles Kemp, Naftali Tishby, & Terry Regier (2019). Evolution and efficiency in color naming: The case of Nafaanra. CogSci 2019, Montreal, Canada. [Presentation]

Lapierre, Myriam*, **Karee Garvin***, Martha Schwarz*, & Sharon Inkelas* (2019). Q-theoretic representations of vowel strength. Phonetics and Phonology Research Weekend (PHREND), Berkeley, CA. [Presentation]

Zaslavsky, Noga*, **Karee Garvin***, Charles Kemp, Naftali Tishby, & Terry Regier (2019). Color-naming evolution and efficiency: The case of Nafaanra. Annual Meeting of the Linguistic Society of America, New York City, NY. [Presentation]

Schwarz, Martha*, Myriam Lapierre*, **Karee Garvin***, & Sharon Inkelas* (2019). Representing Segment Strength: New Applications of Q Theory. Annual Meeting of the Linguistic Society of America, New York City, NY. [Presentation]

Garvin, Karee (2019). Direct Object Placement in Nafaanra. The 9th Word Congress of African Linguistics, Rabat, Morocco. [Presentation]

Garvin, Karee*, Myriam Lapierre*, & Sharon Inkelas* (2018). A Q-theoretic approach to distinctive subsegmental timing. Annual Meeting of the Linguistic Society of America, Salt Lake City, UT. [Presentation]

Garvin, Karee (2016). An acoustic outlook on initial stops in Northern Shoshoni. Annual Meeting of the Society for the Study of Indigenous Languages of the Americas, Washington, DC. [Presentation]

Garvin, Karee (2015). Exploring Narrative Potential- Northern Shoshoni Oral Narratives. Annual James F. Jakobsen Graduate Conference, Iowa City, IA. [Presentation]

Garvin, Karee (2014). Shoshoni Oral Narratives. 34th Great Basin Anthropological Conference, Boise, ID. [Presentation]

Garvin, Karee (2014). Shoshoni Oral Narratives. Friends of the Uto-Aztecan Language Conference, Tepic Mexico. [Presentation]

CONFERENCE ORGANIZING AND WORKSHOPS

(2020) Berkeley Linguistic Society Workshop: Phonological Representations. Berkeley, CA. [Meg Cychosz, Emily Grabowski, Larry Hyman, Sharon Inkelas, Keith Johnson, Yevgeniy Melguy, Emily Remirez, Eric Wilbanks]

(2019) Phonetics and Phonology Research Weekend. Berkeley, CA. [Jesse Zymet and Karee Garvin]

(2019) Special Session "Inside Segments," 93rd Annual Meeting of the Linguistic Society of America, New York City, NY. [Myriam Lapierre, Karee Garvin, Martha Schwarz, Sharon Inkelas, Ryan Bennett]

(2018) 44th Annual Meeting of the Berkeley Linguistic Society (BLS44), University of California, Berkeley. [Karee Garvin, Noah Hermalin, Myriam Lapierre, Yevgeniy Melguy, Tessa Scott, Eric Wilbanks]

OTHER PROFESSIONAL EXPERIENCE

UC Berkeley, Berkeley Electromagnetic Articulography Research Collective 2019-2021
Research Lead

· Electromagnetic Articulography (EMA): data collection and data processing

UC Berkeley, Berkeley Phonetics-Phonology Lab 2018-2021
Research Lead

- Phonological encoding and allophonic priming

Chang Lab, Department of Neuroscience UCSF 2018-2021
Lead Research Intern

- Electromagnetic Articulography (EMA): data collection, corpus creation, data analysis

Northern-Shoshoni Dictionary Project 2012-2014
Research Assistant

- Dictionary Data Collect and Entry

FIELDWORK EXPERIENCE

Nafaanra Documentation 2017-present
Banda Ahenkro, Ghana

- Working and living with native Nafaanra-speaking community
- Academic Focus: General Documentation, Phonetics, Phonology, Morphology, Syntax

Medʉmba Phonetics 2023-2025
Banganté, Cameroon

- Working and with native Medʉmba-speaking people, setting up a mobile lab and collecting phonetics and co-speech gesture data
- Academic Focus: Co-speech gesture, Phonetics, Phonology

Mam Documentation 2017-2019
Oakland, California

- Working with diasporic community of native Northern Mam speakers
- Academic Focus: General Documentation, Phonetics, Phonology

Shoshoni Documentation 2012-2014
Fort Hall, Idaho

- Working with native Shoshoni-speaking community
- Academic Focus: General Documentation, Literacy Materials, Oral Narrative, Phonetics

Fieldwork Classes

- San Juan Atitán Mam, University of California, Berkeley (2017-2018)
- Basque, Linguistic Society of America Summer Institute (2015)
- Javanese, University of Iowa (2015)
- Burmese, Idaho State University (2012)

MENTORING

Advising and Student Research *Ohio State University*

PhD advising

- John Odoom

Qualifying-paper advising

- Yue Yin and Lu Liu

Undergraduate honors-thesis advising

- Samuel Smith, *Metrical structure in Australian languages*

Graduate student research collaboration

- Max Jensen

Postdoctoral Mentoring *Harvard University*

Automatic gesture annotation 2022-2025
Developing script for automatic gesture annotation using OpenPose

- Students: Walter Dych

Electromagnetic Articulography data collection and processing 2022-2025
EMA data collection and processing training for English and Mandarin

- Students: Eliana Spradling, Clarissa Brisco Stuart, Xin Cui, Melody Wang, Jian Cui, Vitor Lacerda Siqueira

Co-speech head and manual gesture annotation 2022-2025
Annotation of co-speech gesture video data using ELAN for English, Medʉmba, and Igbo

- Students: Christine Belden, Nicole Curnan, Luc DiNardi, Walter Dych, Bryant Graybeal, Jacquelyn Janocha, Brett Lindsey, Zoe Lipkin, Madison Miller, Vitor Lacerda Siqueira, Eliana Spradling, Clarissa Brisco Stuart, Nicole Taylor, Ta-tran Tran, and Juliette Winnard

Graduate Student Mentor: Linguistics Research Apprentice Practicum *University of California, Berkeley*

Electromagnetic Articulography Data collection 2018-2019
EMA data collection of MOCHA-TIMIT corpus and novel stimuli

- Students: Phoebe Killick and Ray Mason

Electromagnetic Articulography: Data processing 2018-2020
Articulatory smoothing and rotation and acoustic alignment

- Students: Anahita Farshi Haghro, Emma Brown, Elissa Chau, Emily Li, Thomas Lu, Cooper Bedin, Joanne Chuang, Jacky Chen

Nafaanra documentation: Phonetic analysis 2018-2020
Nafaanra phonetic dictionary building and acoustic alignment using Penn Forced Aligner

- Students: Ian Neer, Esther Ju Hyun Yeo, Qing Yang Wang

Allophonic priming: Building and conducting an experiment 2018-2019
Picture naming and reaction time experiment design and data collection

- Students: Emily Tsai, Amelia Fineburg, Nick Carrick

Nafaanra documentation: Database management 2017-2018
Flex corpus management and data entry from primary field work

- Students: Phoebe Killick, Ruby Dong, Cheyenne Tsai

Rhythmicity and complementizer usage: Data analysis 2018
Rhythmic analysis of the Buckeye Corpus using Fourier transform, examining syntactic and rhythmic structure

- Student: Tracy Lee

TEACHING

Ohio State University *January 2026 – Present*

Primary Instructor

Phonetics (Undergraduate Level) *Autumn 2026; Spring 2027*

Phonetics Seminar: Articulatory Timing (Graduate Level) *Spring 2026*

University of California, Berkeley *August 2017 – May 2021*

Instructor

Endangered Languages: What We Lose When a Language Dies (R1B, Undergraduate Level)
Spring 2019; Fall 2019; Spring 2020; Summer 2020

Graduate Student Instructor

Language Acquisition (Undergraduate Level) *Spring 2021*
Instructor: Mahesh Srinivasan

Training for Linguistics Teaching Assistants (Graduate Level) *Fall 2020*
Instructor: Line Mikkelsen

Introduction to Phonetics and Phonology (Undergraduate Level) *Fall 2018*
Instructor: Keith Johnson

Phonology and Morphology (Undergraduate Level) *Spring 2018*
Instructor: Larry Hyman

Introduction to Linguistic Science (Undergraduate Level) *Fall 2017*
Instructor: Peter Jenks

University of Iowa *August 2014 – May 2016*

Instructor

ESL Oral Skills (Graduate and Undergraduate Level) *Fall 2015*

Graduate Student Instructor

Language and Society (Undergraduate Level) *Fall 2014*
Instructor: Jerzy Rubach

Teaching Assistant

Language Rights (Undergraduate Level) *Spring 2015; Spring 2016*
Instructors: Bill Davies (Spring 2015); Jill Beckman (Spring 2016)

Idaho State University *2012; August 2013 – August 2014*

Teaching Assistant

Health and Illness in Latin America (Undergraduate Level) *Summer 2014*
Instructor: Elizabeth Cartwright

Indigenous Peoples of South America (Undergraduate Level) *Summer 2014*
Instructor: Elizabeth Cartwright

Survey of American Indian Languages (Graduate and Undergraduate Level) *Spring 2014*
Instructor: Chris Loether

Nature of Language (Undergraduate Level) *Fall 2013*
Instructor: Chris Loether

Sociolinguistics (Graduate and Undergraduate Level) *Fall 2013*
Instructor: Chris Loether

Undergraduate Teaching Assistant
Historical Linguistics (Graduate and Undergraduate Level) *Spring 2012*
Instructor: Chris Loether

Other Teaching

Teaching Assistant, Summer School of Documentary Linguistics, Rabat, Morocco *2018*

Grader, Introduction to Language and Communication Disorders, UC Berkeley *2017*

Linguistics Tutor, Idaho State University *2012–2014*
Courses: Nature of Language; Grammar and Usage; Introduction to Language Studies; Sociolinguistics; Functional Grammar; Graduate Introduction to Linguistics; Historical Linguistics.

Writing Tutor, Idaho State University *2013–2014*

TEFL Instructor, Czech Republic *2013*

OTHER EDUCATION AND TEACHING CERTIFICATION

Certificate of Teaching from University of California, Berkeley *2021*
Summer School of Documentary Linguistics: Methods and Data Management *2017*
Linguistics Society of America Summer Institute, Chicago *2015*
TEFL Institute, TEFL Certificate *2013*

GRANTS, HONORS, & AWARDS

Oswalt Endangered Language Grant (2019)
Oswalt Endangered Language Grant (2018)
Oswalt Endangered Language Grant (2017)
The A. Richard Diebold, Jr. Fellowship Endowment in Linguistics/Fund in Social Sciences; UC Berkeley (2016)
Sven and Astrid Liljeblad Endowment Fund Grant (2014)
E-ISU Technology in the Classroom Fund Grant (2014)

UNIVERSITY SERVICE

Founder and Organizer: Zoom Phonology Discussion Group, Remote. *2020-2024*
Community Building Committee: UC Berkeley Department of Linguistics *2019-2021*
Student Faculty Representative: UC Berkeley Department of Linguistics *2018-2020*
Student Organizer: Phonological Reading Group, UC Berkeley Department of Ling. *2018-2019*
Climate Committee: UC Berkeley, Department of Linguistics *2017-2018*
Job Search Committee: Phonology Lecturer UC Berkeley, Department of Linguistics *2017-2018*
Colloquium Committee: UC Berkeley, Department of Linguistics *2016-2017*
Student Faculty Representative: University of Iowa Linguistics Department *2015-2016*
Senator: University of Iowa Graduate Student Senate, Dept. of Linguistics *2014-2016*
Job Search Committee: Forensic Anthropology

WEB DESIGN

Personal Website *Design and Development*
kareegarvin.com

Webtool *Design and Development*
opengest.tools

Team Website *Design and Development*
http://linguistics.berkeley.edu/qtheory/

LANGUAGES

English *(Fluent)*
Russian *(Intermediate)*
Spanish *(Reading)*
French *(Reading)*
Nafaanra *(Fieldwork)*
Mam *(Fieldwork)*
Shoshoni *(Fieldwork)*
Medumba *(Fieldwork)*

Analytic:
Programming: Python, R, MATLAB
Markup: HTML, LaTeX
Language Analysis: Praat, ELAN, FLEx