

Rebecca L. Morley
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Employment

- 2019 - Associate Professor, Department of Linguistics, The Ohio State University
- 2013 - 2019 Assistant Professor, Department of Linguistics, The Ohio State University
- 2012 - 2013 Visiting Assistant Professor, Department of Linguistics, The Ohio State University
- 2011 - 2012 Post-Doctoral Researcher, Department of Linguistics, The Ohio State University
- 2010 - 2011 Visiting Assistant Professor, Department of Linguistics, The Ohio State University
- 2008 - 2010 Post-Doctoral Fellow, Department of Linguistics, The Ohio State University

Education

- Ph.D. September 2008, Cognitive Science: Phonology Specialization
Johns Hopkins University
Dissertation: *Generalization, Lexical Statistics, and Typologically Rare Systems*
- M.A. 2005, Cognitive Science, Johns Hopkins University
LSA Summer Institute, 2005. Cambridge, MA.
- B.A. 1997 Japanese, Physics *with honors*, University of Washington (Seattle, WA)

Awards

Department of Education Javits Fellowship, 2004-2008.
Phi Beta Kappa, 1997.

Research Funding

2016-2017 Linguistics Department TIE grant
PI: R.L. Morley, B. Köhnlein, and B. Smith
“The Interaction of Vowel Length and Consonant Voicing: Diachronic and Synchronic Outcomes”

\$34,607.96

2017 Arts & Humanities International Travel Grant
\$2,500

2017 Humanities & Arts Department Block Grant
Co-organizers: R.L. Morley, B. Köhnlein
22nd Annual Mid-Continental Phonetics and Phonology Workshop (Midphon)
\$4,000

Books

2019 **Morley, R.L.** *Sound Structure and Sound Change: A Modeling Approach*. Conceptual Foundations of Language Science Monograph Series. Language Science Press.

Papers

2023 **Morley, R.L.** , and Smith, B.J. A Reanalysis of the Voicing Effect in English: With Implications for Featural Specification. *Language and Speech* 66 (4), pp.935-973

2018 **Morley, R.L.** Is Phonological consonant epenthesis possible? A series of artificial grammar learning experiments. *Phonology* 35, pp. 649-688.

2015 **Morley, R.L.** Deletion or Epenthesis? On the Falsifiability of Phonological Universals. *Lingua* 154, pp. 1-26.

Morley, R. L. Can phonological universals be emergent?: Modeling the space of sound change, lexical distribution, and hypothesis selection. *Language* 91(2), e40-e70.

2014 **Morley, R.L.** Implications of an Exemplar-Theoretic Model of Phoneme Genesis: A Velar Palatalization Case Study. *Language and Speech* 57, pp. 3-41.

2013 **Morley, R.L.** Rapid learning of morphologically conditioned phonetics: vowel nasalization across a boundary. In A. Yu (ed.), *Origins of Sound Change: Approaches to Phonologization* Oxford: Oxford University Press, pp. 181-198.

2012

- Morley, R.L.** The Emergence of Epenthesis: An Incremental Model of Grammar Change. *Language Dynamics and Change* 2, pp. 59-97.
- 2011 **Morley, R.L.** From Phonetics to Phonology: Learning Epenthesis. In *Proceedings of the 47th Meeting of the Chicago Linguistics Society* 47 (2), pp. 137-151.
- 2008 **Morley, R.L.** Bayesian Learning over Conflicting Data: Predictions for language change. In *Proceedings of 10th Meeting of the ACL Special Interest Group on Computational Morphology and Phonology*, pp. 2-11.

Invited Papers

- 2017 **Morley, R.L.** “Consonant Epenthesis” Oxford Bibliographies in Linguistics. Ed. Mark Aranoff. New York: Oxford University Press.

Conference Presentations

- 2022 **Morley, R.L.**, and Smith, B.J. An explanation for the voicing effect in English. Poster presented at the International Workshop on Language Production. Pittsburgh, PA. June 9-11
- 2019 **Morley, R.L.** A Multiple-Parse Model of Sound Change. International Conference of Historical Linguistics. Australian National University. Canberra, AUS. July 4.
- 2018 **Morley, R.L.**, Smith, B., Kohnlein, B., and Kim, N. From Consonant Voicing to Vowel Length: Invariant and co-varying cues to final “voicing” in American English. Poster to be presented at Conference on Laboratory Phonology. Lisbon, Portugal.
- 2018 **Morley, R.L.** Locality & Predictivity. Keynote talk presented at the Workshop on the Emergence of Universals. OSU. Columbus, OH. February 18-19.
- 2017 **Morley, R.L.** A Representationally Consistent Model of Vowel Nasalization. Talk presented at Midphon 22. Columbus, OH.
- 2017 **Morley, R.L.** Representational Considerations in Models of Sound Change. Poster presented at the 4th International Workshop on Sound Change. Edinburgh, Scotland.
- 2016 **Morley, R.L.** Vowel Lengthening Effects in Natural Speech: Learning under sparse data and high variance. Poster presented at the Conference on Laboratory Phonology. Cornell University. Ithaca, NY.
- 2016 **Morley, R.L.** Analyzing token distributions in natural speech: Implications for models of sound change. Talk presented at MLK Symposium. Columbus, OH.
- 2015 **Morley, R.L.** Rich Representational Models and Their Predictions. Talk presented at Midphon 20. Bloomington, IN.
- 2014 **Morley, R.L.** (Non-) Phonologization: Individual Variation in an Artificial Grammar Learning Task. Talk presented at the 3rd Biennial Workshop on Sound

- Change. Berkeley, CA.
- 2012 **Morley, R. L.** A Gradient Treatment of Contrast: Repercussions for Implicational Universals. Talk presented at CUNY Conference on the Segment in Phonology. New York, NY.
- 2011 **Morley, R. L.** From Phonetics to Phonology: Learning Epenthesis. Talk presented at the 47th Meeting of the Chicago Linguistics Society. Chicago, IL.
- 2010 **Morley, R. L.** Deletion or Epenthesis? Repercussions for a Theory of Phonological Universals. Talk presented at the 16th Mid-Continental Workshop on Phonology. Chicago, IL.
- 2010 **Morley, R. L.** From Sound Change to Grammar Change: words, lexicons, and learners. Poster presented at the Workshop for Modeling Phonological Acquisition. Edmonton, Alberta.
- 2010 **Morley, R. L.** Inducing Epenthesis: Phonetic, Phonological and Morphological Considerations. Talk presented at the 84th Annual Meeting of the Linguistic Society of America. Baltimore, MD.
- 2009 **Morley, R. L.** Natural Interactions and the Limits of Unnaturalness. Talk presented at the 15th Mid-Continental Workshop on Phonology. Bloomington, IN.
- 2009 **Morley, R. L.** How Likely Are Impossible Languages? An Experimental Study of Epenthesis. Talk presented at the 83rd Annual Meeting of the Linguistic Society of America. San Francisco, CA.
- 2008 **Morley, R. L.** Integrating Sub-phonemic Cues: Learning across a morpheme boundary. Poster presented at the Conference on Laboratory Phonology 11. Wellington, NZ.
- 2008 **Morley, R. L.** Bayesian Learning over Conflicting Data: Predictions for language change. Talk presented at SIGMORPHON 2008. Columbus, OH.
- 2008 **Morley, R. L.** Phonetic Detail in the grammar: Learning conditioned coarticulation patterns. Talk presented at the Symposium on Phonologization. Chicago, IL.
- 2007 **Morley, R.L.,** William Badecker, and Paul Smolensky. Some limits on statistical learning. Poster presented at The Cognitive Science Society Meeting. Vancouver, CAN.
- 2007 **Morley, R.L.** Diachronic Change, The Learner and the Lexicon. Poster presented at the 4th annual Hopkins Workshop on Language. Johns Hopkins University. Baltimore, MD.

Invited Talks

- 2021 **Morley, R.L.** Why epenthesis can help us answer the question of where phonology comes from. Stony Brook University Workshop on Epenthesis (virtual).
- 2019 **Morley, R.L.** Modeling Emergence in Phonological Space. Panel session speaker: Interplay between Linguistics and Biology. 43rd Penn Linguistics Conference, University of Pennsylvania.
- 2019 **Morley, R.L.** Phonological Contrast as an Evolving Function of Local Predictability. University of Massachusetts. Amherst, MASS.

- 2017 **Morley, R.L.** On the Nature of the Mental Categories Involved in Speech: Some thought experiments. Centre for Language Evolution, University of Edinburgh.
- 2013 **Morley, R. L.** Where do grammars come from? Phoneme split in an exemplar cloud. New York University.
- 2013 **Morley, R. L.** Where do grammars come from? The emergence of epenthesis. University of Ottawa.
- 2013 **Morley, R. L.** Where do grammars come from? The emergence of epenthesis. Ohio State University. Columbus, OH.
- 2010 **Morley, R. L.** Diachronic trajectories to synchronic grammars: the emergence of phonological universals. University of Kentucky. Lexington, KY.
- 2010 **Morley, R. L.** From Probabilistic Sound Changes to Phonological Universals. Northwestern University. Chicago, IL.

Teaching

Phonetics/Phonology Reading Group

Cognitive & Computational Approaches to Language Reading Group

2000H	Introduction to Linguistics
2051	Analyzing the Sounds of Language (Introduction to Statistics)
2052H	Theories of Linguistics: The Scientific Method for Abstractions and Unobservables
4100	Undergraduate Phonetics
4300	Undergraduate Phonology
5301-5302	Graduate Phonology
8300	Phonology Seminar: Segmental Phonology; Experimental Approaches to Linguistic Universals; Exemplar-Theoretic Representation in Phonetics and Phonology (co-taught)
3701	Language and Mind
5102	Laboratory Phonology
4052	Scientific Method in Linguistics

Students Advised

Tianyi Yi	Ongoing	2 nd QP Adviser
Phuong Dang	Completed	1 st QP Committee
Yujin Song	Completed	2 nd QP Committee
Marie Bissell	Completed	Dissertation Committee
Kevin Lilley	Completed	Masters Defense
Emily Napoli	Left program	1 st QP Committee
Kyler Laycock	Completed	1 st QP Committee
Tianyi Ni	Completed	1 st QP Committee
Ian Cameron	Completed	2 nd QP Committee
Jingyi Chen	Completed	2 nd QP Committee
Clayton Marr	Completed	1 st QP Committee
Jory Ross	Completed	1 st QP Committee

Kevin Lilley	Completed	1 st QP Committee
Yuhong Zhu	Completed	1 st QP Committee; 2 nd QP Committee; candidacy exam; dissertation committee
Antonio Hernandez	Left program	2 nd QP Committee; Dissertation q Proposal
Martha Austen	Completed	2 nd QP Committee; Candidacy Exam; Dissertation Proposal
Ellen Dossey	Completed	Candidacy Exam; Dissertation Proposal
Cory Shain	Completed	2 nd QP Committee
Nohyong Kim	Left Program	Graduate Advisor
Rory Turnbull	Graduated	Dissertation Committee
Kodi Weatherholtz	Graduated	Candidacy Exam
Tsz-Him Tsui	Left Program	2 nd QP Committee; Candidacy Exam
Ryan Perkins (Slavic)	Graduated	Master's Thesis Committee Member

Undergraduate

Margot Hare	Graduated	Undergraduate Honors Thesis Advisor
Mitch Seiple	Graduated	Undergraduate Honors Thesis Advisor
Emily Clem	Graduated	Undergraduate Honors Thesis Advisor
Shannon Melvin	Graduated	Undergraduate Honors Thesis Committee
Olivia Schutte	Graduated	Undergraduate Research Advisor
Jessica Beheydt	Graduated	Undergraduate Research Advisor

Service

2017 Judge Denman Undergraduate Research Symposium
 2017 Co-organizer Workshop on the Emergence of Universals
 2017 Co-organizer Mid-Continental Conference on Phonetics and Phonology 22
 2017 Graduate Faculty Representative Dissertation Committee Political Science
 2016 Graduate Faculty Representative Dissertation Committee Education
 2016 Co-organizer MLK Symposium: Mathematical/Computational Modeling and Tools
 in and for Historical Linguistics 1/15-1/16
 2015 Member Graduate Cognitive & Brain Sciences Program Minor Committee
 2015-2016 Member Undergraduate Curriculum Committee
 2014-Present Chair Department Diversity Committee
 2014-2015 Member Phonology Search Committee
 2013-Present Member Graduate Studies Committee
 2019 GE Redesign working group
 2019 Pilot mini-grant PI: Preparing ohio state university doctoral students for the 21st
 century through dual purpose education: To learn and to become career ready
 2021 Semantics Job Search Diversity Officer
 2021 Development of CSE: Language track major committee member
 2021 AI Targeted Search committee meeting
 2021-2022 Chair Travel Committee

2022 Fieldwork Job Search Diversity Officer
2023 CS+X development committee
2024-2025 Phonetics job search committee member

ad hoc reviewer for

Journal of Pidgin & Creole Languages

Journal of Phonetics

Linguistic Sciences

Glossa

Journal of Linguistics

Laboratory Phonology

Phonology

Language

Computational Linguistics

Natural Language and Linguistic Theory

2017 Society for Computation in Linguistics Conference

2016 Conference for Laboratory Phonology

2015 Workshop on Cognitive Modeling and Computational Linguistics

2015- Annual Meeting on Phonology

Review of Language & Mind textbook for Cambridge