

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
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

Publications

Books

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

Papers

2021

Morley, R.L. A Reanalysis of Vowel Lengthening in English: With implications
for theories of phonological specification. Submitted (Language and Speech).

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.

Presentations

Conferences

- 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 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).
- 2020 **Morley, R.L.** Towards a domain-general theory of phonological contrast. Cornell University (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

7890.03	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

Students Advised

Graduate

Emily Napoli		first year advising
Kyler Laycock		first year advising
Tianyi Ni		Primary (co-)advisor
Clayton Marr		1 st QP Committee; primary (co-)advisor
John Ross	Ongoing	1 st QP Committee
Kevin Lilley	Ongoing	1 st QP Committee
Yuhong Zhu	Ongoing	1 st QP Committee; 2 nd QP Committee; candidacy exam; dissertation committee
Antonio Hernandez	Left Program	2 nd QP Committee; Dissertation 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

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

2021 Semantics Search Diversity Officer
 2021 Development of CSE: Language track major committee member
 2021 AI Targeted Search committee member
 2021 Chair Travel Committee
 2014-Present Chair Department Diversity Committee
 2013-2021 Member Graduate Studies Committee
 2020 Staged Return to Research ad hoc 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
 2019 Graduate Faculty Representative Dissertation Committee Asian Languages
 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
 2014-2015 Member Phonology Search Committee

ad hoc reviewer for

Journal of Pidgin & Creole Languages
 Journal of Phonetics
 Linguistic Sciences
 Glossa
 Journal of Linguistics
 Laboratory Phonology

Phonology
Language
Computational Linguistics
Society for Computation in Linguistics Conference
Conference for Laboratory Phonology
Workshop on Cognitive Modeling and Computational Linguistics
present Annual Meeting on Phonology
Poznan Studies in Contemporary Linguistics
Morphology
Language and Speech
NSF
Natural Language and Linguistic Theory