

KEVIN B. MCGOWAN

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EDUCATION

Ph.D. Linguistics, University of Michigan, 2006–2011
Dissertation: *The Role of Socioindexical Expectation in Speech Perception*
Steven P. Abney & Patrice Speeter Beddor, co-chairs
Julie Boland, Robin Queen, & Benjamin Munson, readers

Linguistic Institute, Stanford University, 2007

B.A. Linguistics, University of Michigan, 1996

EMPLOYMENT

Assistant Professor, Department of Linguistics, University of Kentucky, 2015–

Postdoctoral Scholar, Department of Linguistics, Stanford University, 2013–2015

Lecturer, Department of Linguistics, Rice University, 2011–2013

PROFESSIONAL EXPERIENCE

Invited Faculty, LSA Summer Institute, Lexington, 2017

Invited instructor, LSA Annual Meeting, Portland, 2015

Invited Faculty, LSA Summer Institute, Ann Arbor, 2013

Journal Assistant, *Language Learning Journal*, Blackwell Publishing, 2007–2010

Research Assistant, Professor Pam Beddor, Michigan Phonetics & Phonology Laboratory, 2009–2010

Research Assistant, Professors Pam Beddor & Andries Coetzee, Michigan Phonetics & Phonology Laboratory, 2007–2008

Programmer, Unix Administrator, and Manager, Information Technology Division, University of Michigan, 1997–2007

GRANTS, FELLOWSHIPS & HONORS

Confucius Institute Faculty China Curriculum Development Grant, \$1000, March 2016

Rackham Predoctoral Fellowship, Rackham School of Graduate Studies, University of Michigan, 2010–2011

Humanities Candidacy Fellowship, University of Michigan, 2010

National Science Foundation, Honorable Mention, Graduate Research Fellowship, 2008

Pre-Candidate Research Grant, Rackham Graduate Student Research Grant, Rackham Graduate School, University of Michigan, 2008

Linguistic Society of America, LSA Linguistic Institute Fellowship, LSA Summer Institute, Stanford University, 2007

NAACL Scholarship for JHU Summer School on Human Language Technology, North American Chapter of the Association for Computational Linguistics, 2006

PUBLICATIONS

McGowan, K.B. and Sumner, M. (in prep) Voice onset time and subcategorical mismatches; the effect of speech style.

McGowan, K.B. (in prep) Coarticulation is signal, not noise.

Babel, A. and McGowan, K.B.(under review) Perceiving isn't believing: listeners' expectation and awareness of phonetically-cued social information.

Beddor, P.S., Coetzee, A., Styler, W., McGowan, K.B., and Boland, J.E. (under review) The time course of individuals' perception and production of coarticulatory information, and its implications for sound change.

Medeiros, D.J., Mains, P., and McGowan, K.B. (under review) Ceiling Effects on Weight in Heavy NP Shift.

Sumner, M., McGowan, K.B., D'Onofrio, A., and Pratt, T. (in prep) The Contribution of Form and Meaning to the Processing of Careful and Casual Speech. *Language and Cognition*

McGowan, K.B. (2016) Sounding Chinese and Listening Chinese: Perception, Imitation, and Authenticity. In *Awareness and Control in Sociolinguistics Research*, ed. by A.M. Babel. Edited volume to be published by Cambridge University Press.

McGowan, K.B. (2015) Social Expectation improves Speech Perception in Noise. *Language and Speech*
doi: 10.1177/0023830914565191

Sumner, M., Kim, S., King, E., & McGowan, K. B. (2013). The socially-weighted encoding of spoken words: A dual-route approach to speech perception. *Frontiers in Psychology*, 4, 1015.

Beddor, P.S., McGowan, K.B., Boland, J.E., Coetzee, A., and Brasher, A. (2013) The time course of perception of coarticulation. *Journal of the Acoustical Society of America*, 133(4):2350-2366.

McGowan, K.B. (2012) Gradient Lexical Reflexes of the Syllable Contact Law. *Proceedings of the Annual Meeting of the Chicago Linguistics Society 45*, Volume I, R. Bochnak, N. Nicola, P. Klecha, J. Urban, A. Lemieux and C. Weaver (Eds.), p. 445-454. Chicago Linguistics Society: Chicago.

INVITED TALKS & COLLOQUIA

November, 2016 University of Michigan – Subcategorical mismatches can be mismatches of phonetic, phonological, lexical, and social context.

April, 2016 SUNY, Buffalo – Speech perception is social.

March, 2016 North Carolina State University – Socially informed speech perception: context, congruency, and complications

2014 UC Berkeley, Phorum – Perceiving isn't believing: listeners' expectation and awareness of phonetically-cued social information (with A.M. Babel)

2012 Rice University – Claims about processing require online tasks: disjunction of AXB and interview results in a Bolivian crossroads. (with A.M. Babel)

2012 University of Texas, Austin – Social expectation and theories of speech perception.

2011 Rice University – The role of socioindexical expectation in speech perception.

PRESENTATIONS & POSTERS

2015 McGowan, K.B. and Sumner, M. A phonetic explanation of pronunciation variant effects. 89th Annual Meeting of the Linguistic Society of America

2015 Sumner, M., McGowan, K.B., D’Onofrio, A., and Pratt, T. The contribution of form and meaning to the processing of careful and casual speech. 89th Annual Meeting of the Linguistic Society of America

2015 Mains, P., McGowan, K.B., and Medeiros, D. Gradient acceptability by length in heavy NP shift. 89th Annual Meeting of the Linguistic Society of America

2015 Moores, N.P., McGowan, K.B., Sumner, M. and Frank, MC. Children use phonetically-cued talker information to infer speaker meaning. Poster, 89th Annual Meeting of the Linguistic Society of America

2014 Moores, N.P., McGowan, K.B., Sumner, M., and Frank, M.C. Children use phonetically-cued talker information to disambiguate similar objects. The 55th Annual Meeting of the Psychonomics Society, Long Beach, CA

2014 McGowan, K.B. Sumner, M., D’Onofrio, A., and Pratt, T. The contribution of form and meaning to the processing of careful and casual speech. 27th Annual CUNY Conference on Human Sentence Processing. Columbus, OH

2014 Sumner, M., Calder, J., D’Onofrio, A., McGowan, K.B., and Pratt, T. Top-down vs. bottom-up processing depends on the acoustic composition of an utterance. 88th Annual Meeting of the Linguistic Society of America

2013 Sumner, M.; D’Onofrio, A.; McGowan, K.; Pratt, T.; and Calder, J. Differences in the recognition of careful and casual speech. Poster, 166th Meeting of the Acoustical Society of America

2013 McGowan, K.B. and Babel, A.M. Perception of Spanish in Contact: Bolivian listeners’ expectation and awareness of socioindexical variation. Workshop on Sound Change Actuation, University of Chicago

2013 McGowan, K.B. Sounding Chinese and Listening Chinese: Imitation, Perception, and Awareness of Non-Native Phonology. Part of panel, *Awareness & control in sociolinguistic research*. 87th Annual Meeting of the Linguistic Society of America

2012 Babel, A.M. and McGowan, K.B. Social Categorization and Levels of Awareness: A Cross-Disciplinary Study. Part of panel, *Voices in Movement: Phonetic Border Crossings*. American Anthropological Association annual meeting.

2012 McGowan, K.B. The influence of socioindexical expectations on speech perception in noise. 86th Annual Meeting of the Linguistic Society of America

2011 McGowan, K.B. The influence of socioindexical expectations on speech perception in noise. Poster, 162nd Meeting of the Acoustical Society of America

2011 McGowan, K.B. and Medeiros, D. J. Tongues don’t twist –mental representations do. 85th Annual Meeting of the Linguistic Society of America

2011 McGowan, K.B. Are you experienced? Socio-indexical knowledge and naïve listeners. Poster, 85th Annual Meeting of the Linguistic Society of America

- 2010** McGowan, K.B. Examining Listeners' Use of Sociolinguistic Information During Early Phonetic Judgments: Evidence from eye-tracking. *New Ways of Analyzing Variation (NWAV 39)*
- 2010** McGowan, K.B. Listener Expectations and the Processing of Foreign-Accented Speech. *Mid-Continental Workshop on Phonology (MCWOP 16)*
- 2010** Beddor, P.S., McGowan, K.B., Boland, J., and Coetzee, A. The Perceptual Time Course of Coarticulation. Poster, *Laboratory Phonology (LabPhon 12)*
- 2010** McGowan, K.B. Aerodynamic Modeling of Coarticulation for Unit Selection Synthesis. Poster, *84th Annual Meeting of the Linguistic Society of America*
- 2009** Beddor, P.S., McGowan, K.B., Boland, J., and Coetzee, A. The Perceptual Time Course of Coarticulatory Nasalization. Poster, *158th Meeting of the Acoustical Society of America*
- 2009** McGowan, K.B. Aerodynamic Modeling for Concatenative Speech Synthesis. Poster, *158th Meeting of the Acoustical Society of America*
- 2008** McGowan, K.B. Pointwise Mutual Information and the Syllable Contact Law. *Mid-Continental Workshop on Phonology (MCWOP 14)*
- 2008** Coetzee, A. and McGowan, K.B. Allophonic cues to syllabification. *CUNY Conference On The Syllable*
- 1994** Bailey, R.W. and Kevin B. McGowan *The Michigan Academy – “English in Michigan: A Century of Scholarship”* with Richard W. Bailey

TEACHING

Phonetics University of Kentucky, Fall 2015 – 2017

Computational Linguistics Linguistics 511, University of Kentucky, Fall 2017; Linguistics 409, Rice University, Spring 2013

Eye Tracking for Linguistics Research LSA Linguistics Institute, Lexington, 2017

Doing Phonetics Research LSA Linguistics Institute, Lexington, 2017 (cotaught with Melissa Baese-Berk, Melinda Fricke, & Natasha Warner)

Phonological Analysis University of Kentucky, Spring 2017

Intro To Ling I: Theoretical Foundations & Analysis University of Kentucky, Fall 2015 & 2016

Language in U.S. Society University of Kentucky, Spring 2016 & 2017

Introduction to R University of Kentucky, Spring 2016 & 2017

Sociophonetics University of Kentucky, Spring 2016

Praat Scripting LSA Linguistics Institute, Ann Arbor, 2013; Stanford University, Stanford, 2014; LSA Annual Meeting, Portland, 2015

Introduction to Phonetics Linguistics/Anthropology 301/501, Rice University, Fall 2011 & 2012

Hearing & Speech Perception Graduate Seminar, Linguistics 555, Rice University, Spring 2012

Introduction to Phonology Linguistics 311/511, Rice University, Spring 2012 & Spring 2013

Advanced Phonology Linguistics 427, Rice University, Fall 2012

Introduction to the Scientific Study of Language Linguistics/Anthropology 200, Rice University, Fall 2011

Language & the Human Mind Linguistics 209/Psychology 242

Graduate Student Instructor for Professor Sam Epstein, University of Michigan, Fall 2009

College Writing Writing and the Politics of English, English 125, University of Michigan, Fall 2008

Introduction to Language Linguistics 111, University of Michigan, Spring 2008

Javascript Programming Introductory JavaScript Programming Workshop, University of Michigan, School of Information, Winter 2006, Winter 2007

Computing workshops UNIX, Perl programming, SQL, HTML, etc., University of Michigan, Information Technology Division, 1997 - 1999

GUEST TEACHING

Exploring German phonetics in the lab in Brenna Byrd's German Linguistics, October 2016

Acoustics: Basics of Analysis Linguistics 601, October 2015 & 2016

in Andrew Byrd's Phonological Analysis, April 2016

Speech Synthesis in Andrew Hippisley's Computational Linguistics, December 2015

Acoustics in Meghan Sumner's Experimental Phonetics, November 2014

Fricatives & Source/Filter Theory in Meghan Sumner's Graduate Phonetics, May 2014

Political Correctness & Hate Speech in Joseph C. Tyler's Language & Discrimination, March 2011

Exemplar Theories and Social Perception of Speech in Patrice S. Beddor's Advanced Phonetics, September 2010

Montana Salish and Ultrasound Field Research in Jonathon Yip's Languages of the World, July 2010

Processing Figurative Speech in Julie Boland's Talking Minds, March 2010

Phonology, Speech Perception and Perceptual Illusions in Sam Epstein's Language and Mind, October 2009

Sound Change in Sarah G. Thomason's Historical Linguistics, October 2008

Aerodynamic Measurement of Nasalization in Patrice S. Beddor's Graduate Phonetics, September 2008

STUDENT RESEARCH SUPERVISION

Mariama Mallah, Directed undergraduate research. Stanford University. 2013

Penelope Howe, Investigation of cues to fricative voicing in dialects of Malagasy. Rice University. Qualifying Paper, chair. 2012–2013

Ling Ma, Native Mandarin perception of English word boundary consonant overlap. Rice University. Masters Thesis, chair. 2012–2013

Ru-ping Ruby Tso, Chinese Characters and Speech Recognition. Rice University. Qualifying Paper, reader. 2012

Obi Nwabueze, Frame Switching between Registers and Dialects. Rice University. Undergraduate Research. 2012–2013

Sheri-Ann Peckham, Investigation of age-related perceptual plasticity using Jamaican Creole. Rice University. Undergraduate Research. 2011–2013

ACADEMIC SERVICE

Peer reviews, *Journal of the Acoustical Society of America*, *Language & Speech*, *Lingua*

Association for Laboratory Phonology, Web Committee & Twitter maintainer

Conference Abstract Reviews, Speech Science and Technology 2012 – 2014; Michigan Linguistics Society; Experimental Approaches to Optimality Theory (ExpOT)

Workshop for Rice Linguistics Society: Eye-tracking for linguistics research, 2012

Organizer, Statistics for Linguistics Reading Group, Rice University, Department of Linguistics, 2011–2013

Faculty Associate, Hanszen College, Rice University, Department of Linguistics, 2011-2013

Member, Linguistics Executive Committee, University of Michigan, Department of Linguistics, 2010–2011

Board Member, *Language Learning Journal*, Blackwell Publishing, 2007–2010

Workshop: Introduction to R, University of Michigan, Department of Linguistics with S. Lin & A. Brasher, 2010

Co-chair of Michigan Linguistics Colloquium Committee, 2007–2009

COMMUNITY OUTREACH

Faculty Mentor, Kentucky Young Scholars Program & Lexington STEAM Academy High School

Teacher, Ashland Elementary School FACT Fridays: “The Science of Speech” for fourth and fifth grade students.

TECHNICAL EXPERTISE

Laboratory Eyelink 1000 Plus, Eyelink II head-mounted eye tracker, Tobii tx300 remote eye tracker, EG2-PCX Electroglottograph, EVA 2 pneumotachograph, Telemed Echo Blaster 128 Ultrasound, Zonare Ultrasound, Praat, Wavesurfer, E-Prime, Inquisit, Qualtrics, Amazon Mechanical Turk, OpenSesame, sox, etc.

Programming Python, Perl, C, Bourne shell, JavaScript, awk, sed, tcl, SQL, PL/SQL

Systems RDBMS systems (Oracle, MySQL, PostgreSQL), UNIX administration & programming (Linux, *BSD, MacOS, Solaris, etc.), \LaTeX

PROFESSIONAL AFFILIATIONS

Association for Laboratory Phonology, 2010–

Acoustical Society of America, 2009–

Linguistic Society of America, 2006–