

Amelia E. Kimball

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Education

- 2017 **Ph.D. in Linguistics, University of Illinois at Urbana Champaign** (expected, currently ABD)
Dissertation: “Hybrid Memory for Speech Prosody”
Committee: Jennifer Cole (chair, Linguistics), Gary Dell (Psychology), José Ignacio Hualde (Linguistics), Duane Watson (Psychology and Linguistics)
- 2012 **M.A. in Applied Linguistics, Boston University**
Thesis: “Effects of Nuclear Stress and Meter on a Word Recognition Memory Task”
advisor: Jon Barnes
- 2008 **A.B. in Linguistics *magna cum laude*, Harvard University**
Thesis: “Transfer of Tonicity and Segmental Phonology in L2 Italian and English”
advisor: Andrew Nevins
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Publications

in peer reviewed journals

under review **Amelia E. Kimball**, Loretta K. Yiu, Duane Watson, *Word recall is affected by surrounding metrical context.*

in peer reviewed conference proceedings

- 2016 **Amelia E. Kimball** and Jennifer Cole, *Pitch contour shape matters in memory*, Proceedings of Speech Prosody 8, Boston, MA.
- 2015 **Amelia E. Kimball**, Jennifer Cole, Gary Dell, Stefanie Shattuck-Hufnagel, *Categorical vs. episodic memory for pitch accents in American English*. Proceedings of the International Congress of Phonetic Sciences, Glasgow, UK. (Best student paper award winner)
- 2014 **Amelia E. Kimball** and Jennifer Cole, *Avoidance of Stress Clash in Perception of American English* Proceedings of Speech Prosody 7, Dublin, Ireland.
- 2014 **Amelia E. Kimball**, *The (Statistical) Power of Mechanical Turk*. Proceedings of the Purdue Linguistics Association Symposium 2014, West Lafayette, IN.

Edited volumes

- 2016 *Studies in the Linguistic Sciences: Illinois Working Papers* Vol. 41. Edited by **Amelia Kimball** and Bill Bryce. Urbana: University of Illinois at Urbana-Champaign.
- 2013 *Studies in the Linguistic Sciences: Illinois Working Papers* Vol. 40. Edited by Daniel Ross and **Amelia Kimball**. Urbana: University of Illinois at Urbana-Champaign
- 2012 *The Proceedings of the 36th Annual Boston University Conference on Language Development*. Edited by Alia Biller, Esther Chung and **Amelia Kimball**. Somerville: Cascadilla Press.

Manuscripts in preparation

- Amelia E. Kimball**, Kailen Shantz, Chris Eager, Joe Roy, *Beyond maximal random effects for logistic regression: moving past convergence errors.*
- Amelia E. Kimball** and Jennifer Cole, *Perception of regular meter in conversational American English*

Conference Presentations

2017

- Amelia E. Kimball and Jennifer Cole “What drives perception of syllable stress?” Linguistic Society of America, Austin TX 1/6 (poster)

2016

- Joe Roy, Chris Eager, Kailen Shantz, and Amelia E. Kimball “Convergence and mixed effects: using Bayesian models in order to better understand linguistic data.” Joint Statistical Meeting, Chicago, 8/2
- Amelia E. Kimball and Jennifer Cole “Perception of Syllable Stress Varies by Listener” Association for Laboratory Phonology. Ithaca, NY 7/14 (poster)
- Amelia E. Kimball and Jennifer Cole “Testing the predictions of metrical theory: variability in reported word-level stress” Framing Speech: Satellite meeting to Speech Prosody 8, Boston, MA 6/03 (poster)
- Amelia E. Kimball and Jennifer Cole “Pitch Contour Shape matters in memory” Speech Prosody 8, Boston, MA 5/27 (poster)
- Amelia E. Kimball, Chris Eager, Kailen Shantz “Bayesian Models: a solution to convergence errors in mixed-effect models.” Midwest Speech and Language Days, Bloomington, IN, 5/14 (poster)
- Amelia E. Kimball, Chris Eager, Kailen Shantz, and Joe Roy “When mixed effects aren’t enough: Bayesian models of linguistic data” Illinois Language and Linguistics Society, Urbana, IL 4/21
- Ben Somers*, Naif Mansury*, Amelia Kimball “Categorical Perception in Memory” Undergraduate Research Symposium, Urbana, IL 4/21 (*undergraduate advisees) (poster)
- Naif Mansury*, Amelia Kimball “Memory for Speech Categories” Undergraduate Research Apprenticeship Program poster presentation, Urbana, IL 4/18 (*undergraduate advisee) (poster)

2015

- Amelia E. Kimball, Jennifer Cole, Gary Dell, Stefanie Shattuck-Hufnagel “Categorical vs. episodic memory for pitch accents in American English,” International Congress on Phonetic Sciences, Glasgow, UK 8/11
- Amelia E. Kimball, Jennifer Cole, Gary Dell, Stefanie Shattuck-Hufnagel “Is Phonetic Variation Represented in memory for Pitch Accents?” Experimental and Theoretical Approaches to Prosody 3, Urbana, IL 5/28
- Amelia E. Kimball, Loretta Yiu, Duane Watson, “Metrical regularity of surrounding context affects word recall” Experimental and Theoretical Approaches to Prosody 3, Urbana, IL 5/28 (poster)
- Amelia E. Kimball, Jennifer Cole, Gary Dell, Stefanie Shattuck-Hufnagel “Do listeners remember subcategorical acoustic detail for prosody? Berkeley Linguistics Society, Berkeley, CA 2/05

2014

- Amelia E. Kimball and Jennifer Cole “Testing the Hypothesis of Episodic Memory for Prosody” Mid-continental Phonetics and Phonology Conference, Madison, WI 9/1

- Amelia E. Kimball and Jennifer Cole “Avoidance of Stress Clash in Perception of American English” Speech Prosody 7, Dublin, Ireland 5/21 (poster)
- Abdul Malik Abbasi and Amelia E. Kimball “Word stress in Sindhi and English: Implications for Learners of English.” University of Illinois Program for Second Language Acquisition and Teacher Education Graduate Research Symposium Urbana, IL 5/08 (poster)
- Amelia E. Kimball “Optimizing Reliability of Crowdsourced Data” Midwest Speech and Language Days 2014, Urbana, IL 5/2 (poster)
- Amelia E. Kimball “For Acoustic Measurements, to Hand Segment or to Use an Aligner? When in Doubt, Do Both.” Illinois Language and Linguistics Society, Urbana, IL 4/5
- Amelia E. Kimball “The (Statistical) Power of Mechanical Turk” Purdue Linguistics Association Symposium, West Lafayette, IN 3/20
- Amelia E. Kimball and Duane Watson “The Case of the Thirteen Camels: Eyetracking data show that contrary to phonological theory listeners prefer stress clash patterns to stress-shifted alternatives” Purdue Linguistics Association Symposium, West Lafayette, IN 3/20
- Amelia E. Kimball and Jennifer Cole “Is Metrical Regularity Perceived in Conversational Speech?” Linguistics Society of America Annual Meeting, Minneapolis MN 1/4 (poster)

2013

- Annette Sassi, Anushree Bopardikar, Amelia E. Kimball, Sarah Michaels “From ‘sharing out’ to ‘working through ideas’: Helping teachers transition to more productive science talk.” Annual meeting of the National Association for Research in Science Teaching (NARST), Puerto Rico 4/9
- Amelia E. Kimball and Jennifer Cole “Is Conversational Speech Perceived as Regular?” Mid-continental Phonetics and Phonology Conference, Ann Arbor 3/22 (poster)

Invited Talks

2017

Amelia E. Kimball “Categorical vs. Episodic Models of Speech Prosody”

Human Language Processing Lab, University of Rochester, Rochester, NY. Feb 2

Amelia E. Kimball “Using Bayesian Statistical Methods to Address Convergence Errors”

Center for Language Sciences, University of Rochester, Feb 1

Amelia E. Kimball “Towards a Hybrid Model of Speech Prosody” Northwestern University Phonetics and Phonology group, Evanston IL. Jan 25

Research Experience

2011,12

TERC, Cambridge, MA.

TERC is a grant funded, not-for-profit education research and development organization dedicated to improving mathematics, science, and technology teaching.

Summer Research Consultant, Talk Science Project

- analyzed video recordings of 4th grade science classroom discourse
- statistical analysis of quantitative measures of desired teacher behaviors
- qualitative description of observed teaching, using Nvivo software

2010

Boston University Program in Applied Linguistics *Research Assistant for Prof. Cathy O’Connor*

Courses Taught

As sole instructor

- 2017 “Introduction to Language Science” large, introductory undergraduate course at University of Illinois at Urbana Champaign
- 2010 Intermediate English as a Second Language—mixed age classroom 14-18 year olds. American Education and Travel Services Summer Program, Boston, MA

As a Teaching Assistant

- 2015-16 “Introduction to Language Science” large, introductory undergraduate course at University of Illinois at Urbana Champaign. 4 semesters.
- 2011-12 “Foundations of Language” large, introductory undergraduate course at Boston University. 2 semesters.
- 2009 “Speech and oral interpretation” – intermediate ESL course at a collegiate prep school. Northfield Mount Hermon School Summer Session, Northfield, MA

As a guest lecturer

- 2015 Graduate level phonology 2, lectures on “Primary word stress” and “Stress perception,” 9/14, 16 Korean summer exchange in linguistics, University of Illinois lecture on “Prosody” June 26
- 2014 Graduate level phonology 1, lectures on “Statistical noise in phonological theory” and “Experimental methods and the acquisition of phonology,” 4/24 , 4/26
- 2013 Graduate level phonology 2, lectures on “Speech rhythm and stress shift,” 9/17

Other pedagogical experience

- 2012-15 University of Illinois at Urbana Champaign Center for Innovation in Teaching and Learning International TA English Proficiency Interview *rater, coordinator*
- 2010-11 Boston University Center for Excellence and Innovation in Teaching *Consultant*
- 2010-12 Boston University College of Arts and Sciences Writing Center *Writing tutor, ESL Specialist*
- 2009,11 Derek L. Bok Center for Teaching and Learning, Harvard University *International TA Consultant*

Pedagogical Workshops and presentations given

- 2017
- “Using team quizzes to build understanding” Graduate Academy for College Teaching TA orientation 8/22
 - “Introduction to Teaching in the American Classroom for International Educators” UIUC Graduate Academy for College Teaching TA orientation 8/21
- 2016
- “Using team quizzes to build understanding” College of Liberal Arts Teaching Academy. 9/23
 - “Maximizing Office Hours” UIUC Graduate Symposium on Grading and Office hours, 8/17
 - “Principles of Grading” UIUC Graduate Symposium on Grading and Office hours, 8/17
 - “Introduction to Teaching in the American Classroom for International Educators” UIUC Graduate Academy for College Teaching TA orientation 8/17
- 2011, 10
- “Speaking While Teaching: Vocal Projection in the Classroom” Boston University Center for Excellence and Innovation in Teaching Teaching Fellow Orientation. 8/31/10; 9/1/11

Fellowships, Awards, and Grants

- 2017 Silver Jubilee award for Outstanding TA in Linguistics
2017 Department of Linguistics, summer grant (\$4000)
2016 Graduate Teacher Certificate (Earned certification through Center for Innovation in Teaching and Learning.
Department of Linguistics, summer grant (\$3000)
Graduate College Dissertation research grant (\$500)
University list of teachers rated as excellent; outstanding rating (top 10%); spring & fall semester
2015 Best Student Paper award (tied for first out of ~250), International Congress of Phonetic Sciences
University list of teachers rated as excellent; spring semester
School of Literatures, Cultures, and Linguistics, summer grant (\$3000)
2012-15 Illinois Distinguished Fellowship, \$25,000/year University-wide recruitment fellowship
2014 Illinois Language and Linguistics Society conference, top rated abstract award
2013 Beckman Institute for Advanced Science and Technology, Cognitive Science and Artificial Intelligence Award. (\$2000)
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Mentoring Experience and outreach

- 2017 Oral presentation and poster judge, University of Illinois Undergraduate Research Symposium, 4/27
2016 Graduate mentor, Undergraduate Research Apprenticeship Program. University of Illinois at Urbana Champaign.
2012-17 Supervised 13 undergraduate research assistants working for course credit. Recruitment focused on students new to science and from minorities underrepresented in social science.
2013,15 Beckman Institute for Advanced Science and Technology *open house exhibitor*

Academic Service

- 2016 Journal of the Acoustic Society of America, Express letters, ad-hoc reviewer
2014-16 Illinois Language and Linguistic Society conference committee member, abstract reviewer
2014-15 University of Illinois Graduate College Fellowship Executive Committee, student member
2013-14 Studies in the Linguistic Sciences: Illinois Working Papers Editor, reviewer
2011-12 Boston University Conference on Language Development 36 Co-organizer
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Technical skills

Proficient in: R, Praat, Excel, Amazon Mechanical Turk, Qualtrics survey software.
Familiar with: Audacity, Python, SPSS, Matlab for eyetracking, NVivo

Language skills

Italian/High intermediate
French/Intermediate
Catalan/Beginner
Portuguese/Beginner
Spanish/reading knowledge