Kristine M. Yu

CONTACT INFORMATION	Associate Professor Department of Linguistics University of Massachusetts Amherst Integrative Learning Center 650 North Pleasant Street Amherst, MA 01003-1100, USA

Phone: +1-413-545-0885
Fax: +1-413-545-2792
E-mail: krisyu@linguist.umass.edu
WWW: www.krisyu.org

CENTRAL RESEARCH INTERESTS

Prosody, from the speech signal on up: tone, intonation, phonetics, phonology, mathematical modeling of speech, language learning and variation, human language processing

ACADEMIC APPOINTMENTS

Assistant Professor January 2019 – present
Department of Linguistics, University of Massachusetts
- Affiliations:
  - Five Colleges Prosody Group, co-director
  - UMass Phonetics Lab
  - UMass Computational Phonology Lab
  - UMass Initiative for Cognitive Science
  - UMass Computational Social Science Initiative, faculty associate
  - UMass Institute of Diversity Sciences, faculty affiliate
  - Center for Data Science, Five College faculty

Assistant Professor September 2011 – December 2018
Department of Linguistics, University of Massachusetts

Postdoctoral Researcher September 2011 – June 2012
Department of Linguistics, University of Maryland College Park
- Supervisor: Bill Idsardi

EDUCATION

University of California Los Angeles, Los Angeles, CA

Ph.D., Linguistics, September 2011
- Thesis Topic: The learnability of tones from the speech signal
- Advisers: Professor Edward Stabler, Professor Megha Sundara

M.A., Linguistics, December 2008
- Thesis Topic: The prosody of second position clitics and focus in Zagreb Croatian
- Adviser: Professor Sun-Ah Jun

Otto-von-Guericke-Universität Magdeburg, Magdeburg, Germany

Fulbright scholar, Abteilung Biophysik, September 2004 – August 2005
- Synchronization of glycolytic oscillations in yeast cell populations

Stanford University, Stanford, CA

B.S. Chemistry, June 2004
- With distinction
- Minor in physics

University of Southern California, Los Angeles, CA

August 2000 – May 2001
- Trustee Scholar
- Resident Honors Program

HONORS

University of Massachusetts Institute for Social Science Research
- Social Science Research Scholar, 2014 – 2015

National Science Foundation
- Graduate Research Fellowship, 2008 – 2011

Ohio State University Research Foundation
- Machine Learning Summer School/Workshop 2009 Travel Grant

University of California Los Angeles
- Department of Linguistics Ladefoged Scholarship Award, 2010
- Graduate Research Mentorship Program Fellowship, 2007 – 2008
- Summer Graduate Research Mentorship Program Fellowhip, 2007, 2008
- Linguistic Society of America Linguistic Institute Fellowship, 2007
- Humanities Dean's Fellowship, 2006 – 2007

Institute of International Education Fulbright Program
- Fulbright Scholarship, Germany, 2004 – 2005
- Fulbright Enterprise Scholarship, Germany (4/107 grantees selected), 2004 – 2005

Deutscher Akademischer Austausch Dienst
- DAAD study scholarship, 2004 (Declined)

Barry Goldwater Scholarship and Excellence in Education Program
- Barry Goldwater scholarship, 2003

GRANTS

External

Principle Investigator, "Workshop on sociolectal and dialectal prosodic variation: Amherst, MA - October 11-13, 2018", National Science Foundation, Linguistics Program and Documenting Endangered Languages program, BCS Award 1749321. $35,873.00, May 1, 2018 – October 31, 2019. For Experimental and Theoretical Advances in Prosody 4 (ETAP4).

Consultant, "Effects of Syntactic Constituency on Phonology and Phonetics of Tone" (PI: Lisa Selkirk), National Science Foundation, Linguistics Program, BCS Award 1147083. $361,283.00, July 1, 2012 – December 31, 2015.

Internal

Principle Investigator, UMass Faculty Research Grant/Healey Endowment Grant. "The sound of *been* in real-time comprehension of African American English speech". $14,965, 2018 – 2019.

Co-PI, UMass Institute of Diversity Sciences Seed Grant. "Processing Non-native Speech in Noisy Classrooms". PI: Lisa Sanders, Co-PIs: Meghan Armstrong-Abrami, Anne Gilman. $12,000, 2018 – 2019.

Principle Investigator, UMass Institute of Diversity Sciences Seed Grant. "Discovering African American English Speech Melodies". Co-PIs: Meghan Armstrong-Abrami, Lisa Green, Brendan O'Connor. $12,000, 2018 – 2019.

Principle Investigator, Andrew Mellon Foundation / Center for Teaching & Faculty Development at the University of Massachusetts Amherst, "Five Colleges Prosody Community", $10,000, 2013 – 2014.
- Mentoring network small group lunches
- Winter prosody bootcamp (regional): January 17-18, 2014
- UMass Tone Workshop (international): June 2-3, 2014

REFEREED
JOURNAL
PUBLICATIONS

Linguistics

[1] Yu, Kristine M. and Edward Stabler. (2017). (In)variability in the Samoan syntax/prosody interface and consequences for syntactic parsing. *Laboratory Phonology*. [open access pub, supplementary materials]

[2] Yu, Kristine M. (2017) The role of time in phonetic spaces: temporal resolution in Cantonese tone perception. *Journal of Phonetics*. [open access pub, supplementary material]

[3] **Yu, Kristine M.** and Hiu Wai Lam. (2014). The role of creaky voice in Cantonese tone perception. *The Journal of the Acoustical Society of America*, 136(3), 1320-1333. [web, pdf, supplementary materials]

[4] Yu, Kristine M. (2014). The experimental state of mind in elicitation: illustrations from tonal fieldwork. *Language Documentation & Conservation*, 8, 738–777. [web, pdf, supplementary materials]

[5] Zuraw, Kie, **Yu, Kristine M.**, and Robyn Orfitelli. (2014). The word-level prosody of Samoan. *Phonology*, 31(2), 271–327. [web, pdf]

Biochemistry and genetics, prior to change of field to linguistics

[6] J. Liu, S. Louie, W. Hsu, **K. M. Yu**, H. B. Nicholas, and G. L. Rosenquist. (2008). Tyrosine sulfation is prevalent in human chemokine receptors important in lung disease. *American Journal of Respiratory Cell and Molecular Biology*, 38: 738–743. doi:10.1165/rcmb.2007-0118OC

[7] Y. R. Thorstenson, A. Roxas, R. Kroiss, M. A. Jenkins, **K. M. Yu**, T. Bachrich, D. Muhr, T. L. Wayne, G. Chu, R. W. Davis, T. M. U. Wagner, and P. J. Oefner. (2003). Contributions of *ATM* mutations to familial breast and ovarian cancer. *Cancer Research*, 63: 3325–3333. http://cancerres.aacrjournals.org/cgi/content/abstract/63/12/3325

[8] A. S. Torralba, **K. Yu**, P. Shen, P. J. Oefner, and J. Ross. (2003). Experimental test of a method for determining causal connectivities of species in reactions. *Proc. Natl. Acad. Sci. USA*, 100: 1494–1498. doi:10.1073/pnas.262790699

[9] **K. M. Yu**, J. Liu, R. Moy, H. C. Lin, H. B. Nicholas, and G. L Rosenquist. (2002). Prediction of tyrosine sulfation in seven-transmembrane peptide receptors. *Endocrine*, 19: 333–337. doi:10.1385/ENDO:19:3:333

[10] S. Šale, R. Sung, P. Shen, **K. Yu**, Y. Wang, G. Duran, J. Kim, T. Fojo, P. J. Oefner, and B. I. Sikic. (2002). Conservation of the class I β-tubulin gene in human populations and lack of mutations in lung cancers and paclitaxel-resistant ovarian cancers. *Molecular Cancer Therapeutics*, 1: 215–225. http://mct.aacrjournals.org/content/1/3/215.short

REFEREED BOOK
CHAPTERS

[1] Yu, Kristine M. (2019). Parsing with Minimalist Grammars and prosodic trees. In *Minimalist parsing*, ed. Robert C. Berwick and Edward Stabler.

[2] Kuo, Grace C.-H. and **Kristine M. Yu**. (2012). Taiwan Mandarin quantifiers. In *Handbook of Quantifiers in Natural Language*, ed. Edward Keenan and Denis Paperno, pp. 647 – 698. doi:10.1007/978-94-007-2681-9_12 [pdf]

PAPER-REVIEWED
CONFERENCE
PROCEEDINGS
PAPERS

[1] Yu, Kristine M. (2018). Advantages of constituency: computational perspectives on word prosody in Samoan. In: *Formal grammar: 22nd and and 23rd international conferences*, ed. Annie Foret, Reinhard Muskens, and Sylvain Pogodalla, Springer-Verlag: Berlin/Heidelberg. [pdf]

[2] Kimper, Wendell, **Yu, Kristine**, Bennett, William, and Christopher Green. (To appear). Acoustic correlates of harmonic classes in Somali. *Proceedings of the 47th Annual Conference on African Linguistics, University of California Berkeley.*

[3] Yu, Kristine M. (2011). Temporal resolution in Cantonese tone perception. In: *Proceedings of The Psycholinguistic Representation of Tone.*

[4] **Yu, Kristine M.** and Hiu Wai Lam. (2011). The role of creaky voice in Cantonese tonal perception. In: *Proceedings of the 17th International Congress of Phonetic Sciences*, 2240 – 2243. [pdf]

[5] Shue, Yen-Liang, Keating, Patricia, Vicenik, Chad, and **Kristine Yu**. (2011). VoiceSauce: a program for voice analysis. In: *Proceedings of the 17th International Congress of Phonetic Sciences* 1846 – 1849. [pdf]

[6] Yu, Kristine M. Laryngealization and features for Chinese tonal recognition. (2010). In: *Proceedings of Interspeech 2010*, 1529 – 1532. [web, pdf]

[7] Yu, Kristine M. (2009). The prosody of second position clitics and focus in Zagreb Croatian. In: Maria Babyonyshev, Daria Kavitskaya, Jodi Reich, eds., *Formal Approaches to Slavic Linguistics #17: The Yale Meeting 2008.*, Michigan Slavic Publications, Ann Arbor, MI, pps. 253 – 270. [pdf]

ABSTRACT-REVIEWED CONFERENCE PROCEEDINGS PAPERS

[1] **Yu, Kristine M.** and Deniz Özyıldız. (2016). The absolutive *ia* particle in Samoan. In: *Proceedings of the 42nd Annual Meeting of the Berkeley Linguistic Society*. [web, pdf]

[2] Yu, Kristine M. (2011). The sound of ergativity: morphosyntax-prosody mapping in Samoan. In: Suzi Lima, Kevin Mullin, Brian Smith, eds., *Proceedings of the 39th Annual Meeting of the North East Linguistic Society*, Vol. 2, Graduate Linguistic Student Association, Amherst, MA, pps. 825 – 838. [pdf]

MANUSCRIPTS UNDER REVIEW

[1] Yu, Kristine M., ud Dowla Khan, Sameer, and Megha Sundara. (under revision). Intonational phonology in Bengali and English infant-directed speech. *Laboratory Phonology*.

[2] Yu, Kristine M. (under review). Tonal marking of absolutive case in Samoan. *Natural Language & Linguistic Theory*.

TECHNICAL REPORTS

[1] Yu, Kristine M. (2010). Representational maps from the speech signal to phonological categories: a case study with lexical tones. In: Thomas Graf, ed., UCLA Working Papers in Linguistics, Papers in Mathematical Linguistics 1, Volume 15, Article 5: 1 – 30. [pdf]

POPULAR ARTICLES

[1] **Kristine M. Yu**, Sameer ud Dowla Khan, Alejandrina Cristia, Huei-Mei Liu, Megha Sundara (2011). The joint purpose of pitch patterns in "motherese": drawing attention and conveying language structure. ASA Lay Language Papers 162nd Acoustical Society of America Meeting. On-line at: http://acoustics.org/pressroom/httpdocs/162nd/Yu_5aSCa3.html

INVITED TALKS

[1] Yu, Kristine M. (2018). Linguistic structure in the speech melodies of speech to infants. National Taiwan University, Department of Foreign Languages & Literatures. Taipei, Taiwan. May 16, 2018.

[2] Yu, Kristine M. (2018). Recovering sentence structure from speech melodies. National Chiao Tung University, Department of Foreign Languages and Literatures. Hsinchu, Taiwan. May 14, 2018.

[3] Yu, Kristine M. (2017). Parsing with prosody: towards a computational model of prosodically-informed syntactic parsing in Samoan . Brown University, Department of Cognitive, Linguistic, and Psychological Sciences. Michael S. Goodman '74 Memorial Seminar Series. April 19, 2017.

[4] Yu, Kristine M. (2017). Towards a model of the syntax-prosody interface in Samoan. Yale University, Department of Linguistics Colloquium Series. January 23, 2017. [slides]

[5] Yu, Kristine. (2016). Commentary on Elfner (2016), Strong Start and phonological phrasing in Irish. International workshop on the effects of constituency on sentence phonology. University of Massachusetts Amherst, July 29, 2016. [slides]

[6] Yu, Kristine. (2016). Prosodic constituency in Samoan. International workshop on the effects of constituency on sentence phonology. University of Massachusetts Amherst, July 30, 2016. [slides]

[7] Yu, Kristine. (2016). The learnability of tones from the speech signal. Data Science Tea, Center for Data Science, University of Massachusetts Amherst, April 26, 2016.

[8] Yu, Kristine. (2015). Linguistic tone and the input to computational models of sentence comprehension. Computational Social Science Initiative Lunch Seminar, University of Massachusetts Amherst, November 13, 2015.

[9] Yu, Kristine. (2015). Tone in parsing. Workshop on Minimalist Parsing, Massachusetts Institute of Technology. October 9–11, 2015.

[10] Yu, Kristine M. (2015). Grammatical tones in Samoan. University of Auckland, Applied Language Studies and Linguistics, School of Cultures, Languages and Linguistics, Pacific Studies. July 2015.

[11] Yu, Kristine M. (2015). Tonal marking of absolutive case in Samoan. Massachusetts Institute of Technology Linguistics Department Colloquium. February 2015.

[12] Yu, Kristine M. (2014). Tonal marking of absolutive case in Samoan. University of California Santa Cruz Phlunch. October 2014.

[13] Yu, Kristine M. (2014). The sound of ergativity: tonal marking of absolutive case in Samoan. McGill University Workshop on Syntax-Prosody Mapping in Verb-Initial Languages. May 2014. [slides]

[14] Yu, Kristine M. (2013). Phonological structure in infant directed speech. Stony Brook University Linguistics Colloquium. September 2013.

[15] Yu, Kristine M. (2012). The learnability of tones from the speech signal. New York University Linguistics Colloquium. November 30, 2012.

[16] Yu, Kristine M. (2012). Samoan morphosyntax-prosody mapping. University of Maryland Linguistics Colloquium. February 3, 2012.

[17] Yu, Kristine M. (2011). The learnability of tones from the speech signal. Macquarie University Linguistics Colloquium. November 30, 2011. [slides]

[18] Yu, Kristine M. (2011). Speech rhythm and acquisition. Macquarie University Child Language Lab. November 29, 2011.

[19] Yu, Kristine M. (2011). The learnability of tones from the speech signal. Harvard University Linguistics Colloquium. November 15, 2011.

[20] Yu, Kristine M. (2011). The learnability of tones from the speech signal. University of California San Diego Linguistics Colloquium. November 7, 2011.

[21] Yu, Kristine M. (2011) The learnability of language-specific f0-based rhythmic patterns. 162nd meeting of the Acoustical Society of America. November 4, 2011.

[22] Yu, Kristine M. (2011). The learnability of tones from the speech signal. University of Delaware Linguistics and Cognitive Science Colloquium. October 7, 2011.

[23] Yu, Kristine M. (2011). Studying language learning from the speech signal. Institute for Computational and Experimental Study of Language Launch, University of Massachusetts, Amherst, April 1, 2011.

[24] Yu, Kristine M. (2011). How to study how tones are learned. Workshop on how to study a tone language: from the first elicitation to the latest software. University of California, Berkeley, February 21, 2011.

[25] Yu, Kristine M. (2011). Inductive biases for learning phonological categories. University of Massachusetts, Amherst, February 15, 2011.

[26] Yu, Kristine M. (2011). Discovering the intonational phonology of Samoan: a fieldwork tutorial. University of Massachusetts, Amherst, February 14, 2011.

[27] Yu, Kristine M. (2009). The sound of ergativity: morphosyntax-prosody mapping in Samoan. University of Chicago Workshop on Language, Cognition, and Computation, June 5, 2009.

REFEREED CONFERENCE AND WORKSHOP PRESENTATIONS

[1] Yu, Kristine. M, ud Dowla Khan, Sameer, and Megha Sundara. (2018) Implementing Finite State Intonational Grammars to Understand Gradient Prosodic Manipulations. Hanyang International Symposium on Phonetics & Cognitive Sciences of Language. May 18, 2018. Hanyang University. Seoul, Korea. [slides].

[2] Yu, Kristine M. (2018). Distinct kinds of tones in Samoan from spell-out and prosodic phrasing. The 25th Meeting of the Austronesian Formal Linguistics Association (AFLA 25). May 11, 2018. [slides]

[3] Kimper, Wendell, **Yu, Kristine**, Bennett, William, and Christopher Green. (2016). Acoustic correlates of harmonic classes in Somali. 47th Annual Conference on African Linguistics, University of California Berkeley, March 24, 2016

[4] **Yu, Kristine** and Deniz Özyıldız. (2016). Emergence of tonal absolutive case marking in Samoan. The 42nd Annual Meeting of the Berkeley Linguistics Society, February 5, 2016.

[5] Yu, Kristine. (2015). Tonal marking of absolutive case in Samoan. American International Morphology Meeting 3, University of Massachusetts Amherst, October 3, 2015.

[6] Yu, Kristine M. (2015). Tonal marking of absolutive case in Samoan. Morphosyntactic Triggers of Tone: New Data and Theories, University of Leipzig, Germany, June 12, 2015.

[7] Yu, Kristine M. and Edward Stabler. (2015). A parsing model for crowding, speech rate and syntax of tone. Experimental and Theoretical Approaches to Prosody 3, University of Illinois Urbana-Champaign, May 29, 2015.

[8] Yu, Kristine M. (2015). Tonal marking of absolutive case in Samoan. Austronesian Formal Linguistics Association 22, McGill University, Montreal, Canada, May 23, 2015.

[9] **Yu, Kristine M.**, Sameer ud Dowla Khan and Megha Sundara. (2014). Intonational phonology in Bengali and English infant-directed speech. Speech Prosody 7, Dublin, 2014. [video/slides]

[10] Yu, Kristine M., and Hiu Wai Lam. (2011). The role of creaky voice in Cantonese tonal perception. International Congress of Phonetic Sciences XVII, Hong Kong, 2011.

[11] Yu, Kristine M. (2011). Representations for learning phonological categories. Linguistics Society of America, Pittsburgh, PA, January 7, 2011.

[12] Yu, Kristine M. (2011). Coarse representations for phonemic categories. North Eastern Linguistic Society 41, Philadelphia, PA, October 23, 2010.

[13] Yu, Kristine M. (2009). The sound of ergativity: morphosyntax-prosody mapping in Samoan. Austronesian Formal Linguistics Association XVI, UC Santa Cruz, CA.

[14] Yu, Kristine M. (2009). The sound of ergativity: morphosyntax-prosody mapping in Samoan. Linguistics Society of America, San Francisco, CA.

[15] Yu, Kristine M. (2008). The sound of ergativity: morphosyntax-prosody mapping in Samoan. North East Linguistic Society 39, Ithaca, NY.

[16] Zuraw, Kie, Orfitelli, Robyn, and **Kristine Yu**. (2008). Word-level prosody of Samoan. Austronesian Formal Linguistics Association XV, Sydney, Australia.

[17] Yu, Kristine. (2008). The prosody of second position clitics and focus in Zagreb Croatian. Formal Approaches to Slavic Linguistics 17, New Haven, CT, May 11, 2011.

REFEREED CONFERENCE POSTERS

[1] Yu, Kristine M. (2016). Temporal aspects of talker variability in lexical tones. Higher-order structure in speech variability: phonetic/phonological covariation and talker adaptation , Satellite Workshop of the 15th Conference on Laboratory Phonology. Cornell University, Ithaca, NY.

[2] Yu, Kristine. (2016). The emergence of an inflectional edge tone morpheme in Samoan. The 15th Conference on Laboratory Phonology. Cornell University, Ithaca, NY.

[3] Khan, Sameer ud Dowla and **Kristine M. Yu**. (2014). Intonational phonology in infant-directed speech. Linguistics Society of America, Minneapolis, MN.

[4] Silverstein, Kate and **Kristine M. Yu**. (2013). Investigating tonal spaces using an extension of VoiceSauce voice analysis software. Acoustical Society of America, San Francisco, CA, December 2013.

[5] **Yu, Kristine M.**, Khan, Sameer ud Dowla and Megha Sundara. (2011). A cross-linguistic investigation of information structure in infant-directed speech. Experimental and Theoretical Approaches to Prosody, September 23, 2011.

[6] Khan, Sameer, **Yu, Kristine M.**, and Jaime Roemer. (2011). Speech rhythm and f0 patterns in Bengali: implications for prosodic acquisition. Acoustical Society of America, Seattle, WA, May 27, 2011.

[7] Yu, Kristine M. (2011). Acoustic representations for tonal phonological categories. Acoustical Society of America, Seattle, WA, May 23, 2011.

[8] Yu, Kristine M. (2010). Laryngealization and features for Chinese tonal recognition. Interspeech 2010, Makuhari, Japan, September 14, 2010.

[9] Yu, Kristine. (2010). Linear separability and feature selection in the acquisition of tone. LabPhon 12, Albuquerque, NM, July 8, 2010.

[10] Lam, Hiu Wai and **Kristine M. Yu**. (2010). The role of creaky voice quality in Cantonese tonal perception. Acoustical Society of America, Baltimore, MD, April 23, 2010.

[11] **Yu, Kristine M.**, Lam, Hiu Wai, and Shing-Yin Li. (2010). An acoustic and electroglotto-graphic study of Cantonese tone. Acoustical Society of America, Baltimore, MD, April 23, 2010.

[12] Yu, Kristine M. (2010). Linear separability and feature selection in the acquisition of tone. Computational Modelling of Sound Pattern Acquisition, University of Alberta, Feb. 14, 2010.

[13] Yu, Kristine M. (2009). Contextual tonal variation in level tone languages. Acoustical Society of America, Portland, OR.

[14] Orfitelli, Robyn and **Kristine Yu**. (2009). The intonational phonology of Samoan. Austronesian Formal Linguistics Association XVI, UC Santa Cruz, CA.

[15] Yu, Kristine. (2008). The prosody of second position clitic placement and focus in Zagreb Croatian. Acoustics'08, Acoustical Society of America, Paris, France.

NON-REFEREED CONFERENCE AND WORKSHOP PRESENTATIONS

[1] Yu, Kristine M. (2016). Advantages of constituency: computational perspectives on Samoan word prosody. Northeast Computational Phonology Circle. University of Massachusetts Amherst. September 24, 2016. [slides]

[2] Yu, Kristine M. (2011). The learnability of tones from the speech signal. Northeast Computational Phonology Circle. Yale University. October 15, 2011. [slides]

STUDENT ADVISING

Doctoral dissertations chair/co-chair
- Kusmer, Leland (in progress). Co-chair (with Kyle Johnson).
- Hauser, Ivy (in progress). Co-chair (with John Kingston).

Doctoral dissertation committees, committee member
- Özyıldız, Deniz, in progress.
- Mullin, Kevin (2012-2017).
- Sánchez Alvarado, Covadonga (external member, in progress).
- Nazarov, Aleksei (2016). *Extending Hidden Structure Learning: Features, Opacity, and Exceptions*.
- Pizzo, Presley (2015). *Investigating properties of phonotactic knowledge through web-based experimentation*.

Comprehensive paper committees
- Özyıldız, Deniz (2017). *Focus, and the factive inference with unembedded triggers*.
- Kusmer, Leland (2016). *Prosody and the disjoint alternation in Tshivenda*.
- Vostrikova, Ekaterina (2015, 2016).
- Hauser, Ivy (2015). *Dispersion (and lack thereof) in stop inventories*
- Conner, Tracy (2014). *Questioning Inversion and Truncation as Constraints on Variation in African American English Polar Question Intonation*
- Fainleib, Yelena (2014). *Evidence for Syllable Weight Sensitivity and Stratum Conditioning in Modern Hebrew Nouns Stress System*.
- Nazarov, Aleksei (2013). *Generalization in phonological representations: a learning-based argument for grammars with multiple levels of representation*.
- Fainleib, Yelena (2013). *Relative scaling of prosodic boundaries size in sentence production*.
- Elsman, Minta (2013). *Vowel devoicing and syllable position in Uzbek*.
- Moore-Cantwell, Claire (2012). *Syntactic probability influences duration*.
- Also: Pizzo, Presley; Mullin, Kevin (2012).

Undergraduate honors theses, chair/co-chair
- Higgins, Valerie (2017-2018). Linguistics/Spanish, Linguistics/Anthrophology.

TEACHING
EXPERIENCE

University of Massachusetts Amherst, Amherst, MA

Instructor   **September 2012 – present**

- LINGUIST 197LM: Language and Music (Undergraduate)
  - Spring 2017, Spring 2018
- LINGUIST 751: Topics in Phonology (Graduate)
  - Fall 2015 (*Somali field methods.*)

- LINGUIST 414: Introduction to Phonetics for Linguistics (Undergraduate)
  - Fall 2015, Fall 2016, Fall 2017, Spring 2019

- LINGUIST 592B: Speech processing (Undergraduate/Graduate)
  - Spring 2014, Spring 2018

- LINGUIST 751: Topics in Phonology (Graduate)
  - Spring 2014 (co-taught with Brian Dillon; *Prosodic parsing*)

- LINGUIST 716: Topics in Phonetics (Graduate)
  - Fall 2013 (co-taught with John Kingston; *Categories*), Fall 2019

- LINGUIST 606: Phonological Theory (Graduate)
  - Spring 2013, Spring 2015, Spring 2017, Spring 2019

- LINGUIST 748: Structure of a non Indo-European Language (Graduate)
  - Spring 2013 (co-taught with Alice Harris; Language: Dzongkha)

- LINGUIST 730: Proseminar Phonological Theory (Graduate)
  - Fall 2012 (*Prosodic theory*)
  - Fall 2017 (*Foundations of prosody: back to the future*)

PROFESSIONAL
SERVICE

Conference organization
- Co-organizer, Experimental and Theoretical Advances in Prosody 4. October 11-13, 2018. With Meghan Armstrong-Abrami, Mara Breen, and Heather Pon-Barry.
- Co-organizer, Experimental and Theoretical Advances in Prosody 4: Satellite Workshop on African American Language Prosody. October 10, 2018. With Meghan Armstrong-Abrami, Mara Breen, and Heather Pon-Barry.
- Organizer, UMass Tone Workshop (June 2-3, 2014). International workshop.
  - Principle Investigator, Andrew Mellon Foundation / Center for Teaching & Faculty Development at the University of Massachusetts Amherst, "Five Colleges Prosody Community", $10,000, 2013 – 2014.

- Organizing committee, 5th Tonal Aspects of Language (TAL) Symposium, 2015 (May 19-22, 2016)
- Scientific committee, Speech Prosody 2016 (May 31-June 3, 2016)

Editing
- Editorial Board, *Journal of South Asian Linguistics*, 2016 –
- Editorial Board, *Journal of the International Phonetic Association*, 2016 –
- Co-editor, Special Issue of *Laboratory Phonology* on prosodic variability, 2015 – 2016

Ad-hoc reviewing

Journals

- *Laboratory Phonology*, 2017
- *Journal of South Asian Linguistics*, 2017
- *PLoS ONE*, 2015
- *Language and Speech*, 2015 – present
- *Attention, Perception, and Psychophysics*, 2015

- *Journal of East Asian Linguistics*, 2015
- *Phonology*, 2014 – 2015
- *Lingua*, 2013 – 2015
- *Journal of the International Phonetic Association*, 2013 — present
- *Language Documentation & Conservation*, 2013
- *Journal of the Acoustical Society of America*, 2011 – 2013
- *Journal of Phonetics*, 2011

Grants

- *National Science Foundation Documenting Endangered Languages Program*, 2017 - present
- *National Science Foundation Linguistics Program*, 2014

Conferences

- *Generative Linguistics in the Old World, Asia*, 2016
- *International Congress of Phonetic Sciences*, 2015, 2019
- *Austronesian Formal Linguistics Association*, 2015 – present
- *Generative Linguistics in the Old World*, 2015 – present
- *ACL: SIGMORPHON*, 2014 – present
- *Exploring the Interfaces 3*, 2014
- *Tonal Aspects of Language*, 2014
- *Tone and Intonation in Europe*, 2016
- *Annual Meetings on Phonology*, 2013 – present
- *Linguistic Society of America Annual Meeting*, 2012 – 2014, 2018 – present
- *West Coast Conference on Formal Linguistics*, 2012 – 2014

PROFESSIONAL MEMBERSHIPS

- Linguistic Society of America (2007 – present)
- Acoustical Society of America (2008 – present)
- International Speech Communication Association (2008 – present)
- Cognitive Science Society (2010 – 2012)
- Association for Laboratory Phonology (2015 – present)

DEPARTMENTAL SERVICE

- Undergraduate advisor, 2017 – present
- Strategic Planning for Undergraduate Education: research sub-committee, 2015
- Search Committee, 2014 – 2015
- Annual departmental professional development workshop series for graduate students: giving talks and posters, 2014 – present
- Library liaison, 2013 – 2016
- Admissions Committee, 2012 – 2013
- Personnel Committee, 2011 – present

UNIVERSITY SERVICE

- College of Humanities and Fine Art Curriculum Committee, 2017 – 2019
- Graduate School Grant Committee Member, 2017 – present
- Graduate Council Member, 2017 – 2019
- *Faculty Voices* series interview (original interview footage of UMass faculty who are engaging in diverse and innovative teaching practices), on the theme of collaborative learning. Institute of Teaching Excellence & Faculty Development. 2016 – 2017.
- UMass Graduate School Office of Professional Development Workshop on National Science Foundation Doctoral Dissertation Research Improvements Grants, faculty panel member. June 19, 2017.

FIVE COLLEGE CONSORTIUM SERVICE

- Five Colleges Prosody Group co-founder and co-director, 2013 – present.

- Linguistics at the Five Colleges Facebook group co-founder/administrator, 2016 – present [webpage].

OUTREACH
- The Science of Language, linguistics demonstrations at Jackson Street School Family Science Night. November 17, 2016.
- Talk on tone and intonation at MacDuffie School Linguistics after-school program, February 27, 2014.
- Talk on prosody at Williston-Northampton School linguistics high school class, March 26, 2015.