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

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KEY RESEARCH INTERESTS

Prosody, from the speech signal on up: tone, intonation, phonetics, phonology, computational prosody, language learning and variation, human language processing

ACADEMIC APPOINTMENTS

Associate 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

Principal Investigator, "Conference: Prosodic and psycholinguistic connections in verb-initial languages", National Science Foundation, Linguistics Program, BCS Award 2314322. $42,609.00, Aug 1, 2023 – July 31, 2025. For 31st Annual Meeting of the Austronesian Formal Linguistics Association.

Principal Investigator, "Understanding variation in African American Language: Corpus and prosodic fieldwork perspectives", National Science Foundation, Linguistics Program, BCS Award 2042939. $434,027.00, March 1, 2021 – August 31, 2024.

Principal 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

Principal 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.

Principal 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.

Principal 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] Green, Lisa, **Yu, M. Kristine**, Whitmal, Ayana, Neal, Anissa, Powe, Tamira, and Deniz Özyıldız (2022). Range in the use and realization of BIN in African American English. *Language & Speech*. 65(4), 958–1006. [open access pub, OSF repository]

[2] Yu, Kristine M. (2021). Computational perspectives on phonological constituency and recursion. *Catalan Journal of Linguistics*, 20, 77-114. [open access pub]

[3] Yu, Kristine M. (2020). Tonal marking of absolutive case in Samoan. *Natural Language & Linguistic Theory*. [open access pub, OSF repository]

[4] **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]

[5] 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]

[6] **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]

[7] 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]

[8] 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

[9] 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

[10] 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

[11] 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

[12] **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

[13] 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. (To appear). Samoan intonation and challenges for Autosegmental-Metrical Teory. In *Prosodic Typology III*.

[2] Lu, Yu-An and Kristine M. Yu (2023). Formosan Phonetics. In *Handbook on Formosan Linguistics*. Leiden: Brill.

[3] Yu, Kristine M. (2019). Parsing with Minimalist Grammars and prosodic trees. In *Minimalist parsing*, ed. Robert C. Berwick and Edward Stabler. Oxford, UK: Oxford University Press, 69-109. doi:10.1093/oso/9780198795087.001.0001 [web]

[4] 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]

INVITED CONFERENCE PROCEEDINGS PAPERS

[1] **Kristine M. Yu**. (2024). The obligatory boundary tone hypothesis and prosodic typology. In: *Proceedings of the Speech Prosody 2024*.

PAPER-REVIEWED CONFERENCE PROCEEDINGS PAPERS

[1] **Kristine M. Yu** and Alessa Farinella. (2024). Prosodic variability in marking remote past in African American English. In: *Proceedings of the Speech Prosody 2024*.

[2] William Kezerian, Lam An Wyner, Sandro Ansari, and **Kristine M. Yu**. (2024). Ye Olde French: Effect of Old and Middle French on SIGMORPHON-UniMorph Shared Task Data. In: *Proceedings of the 21st SIGMORPHON Workshop on Computational Research in Phonetics, Phonology, and Morphology*. [web]

[3] Stabler, Edward P. and Kristine M. Yu. (2023). Unbounded Recursion in Two Dimensions, Where Syntax and Prosody Meet. In: *Proceedings of the Society for Computation in Linguistics*: Vol. 6, Article 32. [web]

[4] Hughes, Cerys, Lee Seung Suk, Farinella, Alessa and Kristine M. Yu. (2023). Phonetic implementation of phonologically different high tone spans in Luganda. In: *Proceedings of the International Congress of Phonetic Sciences 2023*.

[5] Yu, Kristine M. (2022). Representations for multiple dependencies in prosodic structures. In: *Proceedings of the Society for Computation in Linguistics*: Vol. 5, Article 15. doi:10.7275/hj4r-d776 [web]

[6] Hwang, Hee and Yu, Kristine M. (2020). Word-based Neural Prosody Modeling with ToBI. In: *Proceedings of Speech Prosody 2020*.

[7] Kim, Seoyoung, Matachana, Claudia, Nyman, Alex, and Yu, Kristine M. (2020). Creak in the phonetic space of low tones in Beijing Mandarin, Cantonese, and White Hmong. In: *Proceedings of Speech Prosody 2020*.

[8] Yu, Kristine M. (2019). Probing voice quality's contribution to tone perception: challenges for synthesis software. In: *Proceedings of the International Congress of Phonetic Sciences 2019*.

[9] 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]

[10] Kimper, Wendell, Bennett, William, and Green, Christopher and Kristine Yu. (2019). Acoustic correlates of harmonic classes in Somali. *Proceedings of the 47th Annual Conference on African Linguistics, University of California Berkeley.*

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

[12] **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]

[13] 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]

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

[15] 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]

INVITED BOOK REVIEWS

[1] Yu, Kristine M. (2023). Jonathan Barnes and Stefanie Shattuck-Hufnagel (eds.) (2022). Prosodic theory and practice. Cambridge, MA: MIT Press. Pp. ix 453. *Phonology*. [web]

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. (2024). The obligatory boundary tone hypothesis and prosodic typology. Invited keynote speaker. Speech Prosody 2024. July 5, 2024.

[2] Yu, Kristine M. (2024). Revisiting prosodic universals. Invited colloquium talk. Harvard University Department of Linguistics. April 19, 2024.

[3] Yu, Kristine M. (2022). Workshop on Model Theoretic Representations in Phonology. Invited panelist. Stony Brook University Institute for Advanced Computational Science and the Department of Linguistics. September 22-24, 2022.

[4] Yu, Kristine M. (2022). Tones: where are they all coming from?! 16th Annual Cornell Undergraduate Linguistics Conference Keynote. April 24, 2022.

[5] Yu, Kristine M. (2021). Representations for multiple dependencies in prosodic structures. Special Session of 18th International Conference on Natural Language Processing: Representation of speech, articulatory dynamics, prosody and language in layers. National Institute of Technology Silchar, India (virtual). December 19, 2021.

[6] Yu, Kristine M. (2021). Building prosodic trees. Invited colloquium talk. Rutgers University, New Jersey, USA. December 3, 2021.

[7] Yu, Kristine M. (2021). Building phonological trees. SIGMORPHON 2021: 18th SIGMORPHON Workshop on Computational Research in Phonetics, Phonology, and Morphology. Bangkok, Thailand (virtual). August 5, 2021.

[8] Yu, Kristine M. (2020). What is a boundary tone? Tsinghua University Workshop on Prosodic and Metrical Phonology 2020. Tsing Hua University, Hsinchu, Taiwan. June 24, 2020.

[9] Yu, Kristine M. (2020). Blurred boundaries between tone and intonation in Samoan and African American English. International Conference for the 35th Anniversary of Tsing Hua Linguistics. Tsing Hua University, Hsinchu, Taiwan. March 14, 2020. (Cancelled)

[10] Yu, Kristine M. (2019). The intonational phonology of Samoan revisited. International Congress of Phonetic Sciences 2019 Satellite workshop: Intonational Phonology of Typologically Rare or Understudied Languages. The University of Melbourne, Australia. August 4, 2019.

[11] Yu, Kristine M. (2019). Variation in the phonetics of creaky voice in Cantonese, Hmong, and Mandarin. Workshop on Language Diversity, Contact, and Change. The University of Chicago Center in Beijing. Beijing, China. June 14, 2019. [slides]

[12] Yu, Kristine M. (2019). Linguistic structure in the speech melodies of speech to infants. National Taiwan University, Department of Foreign Languages & Literatures. Taipei, Taiwan. May 16, 2018. [slides]

[13] 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.

[14] 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.

[15] 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.

[16] 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]

[17] 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]

[18] 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]

[19] 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.

[20] 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.

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

[22] 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.

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

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

[25] 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]

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

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

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

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

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

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

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

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

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

[35] 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.

[36] 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.

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

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

[39] 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] Lee, Seung Suk; Farinella, Alessa; Hughes, Cerys; and **Kristine M. Yu**. (2021). Phonetic implementation of phonologically different high tone plateaus in Luganda. 1st International Conference on Tone and Intonation, University of Southern Denmark. December 6, 2021.

[2] Farinella, Alessa, **Yu, Kristine M.**, Brugos, Alejna, and Lisa Green. (2021). Biases from MAE-ToBI intonational transcription conventions in the intonational analysis of African American English. New Ways of Analyzing Variation 49 (NWAV49), University of Texas Austin (virtual), October 2021. [video]

[3] Yu, Kristine. M. (2019). Computational perspectives on phonological constituency and recursion. Recursivity in Phonology Below and Above the Word, November 22, 2019, Universitat Autónoma de Barcelona, Bellaterra.

[4] Green, Lisa, **Yu, Kristine M.**, Whitmal, Ayana, Neal, Anissa, Brugos, Alejna, and Deniz Özyıldız. (2019). The prosody and meaning of BIN constructions in African American English. New Ways of Analyzing Variation 48 (NWAV48), University of Oregon, October 11, 2019.

[5] 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].

[6] 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]

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

[8] **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.

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

[10] 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.

[11] 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.

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

[13] **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]

[14] 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.

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

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

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

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

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

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

[21] 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. and Alessa Farinella. (2024). Prosodic variability in marking remote past in African American English. Speech Prosody 2024. July 2024.

[2] Yu, Kristine M. and Alessa Farinella. (2024). Variability in the prosodic realization of the remote past in African American English. LabPhon 19. June 2024.

[3] Hughes, Cerys; Lee, Seung Suk; Farinella, Alessa and **Kristine M. Yu**. (2022). Phonetic implementation of phonologically different high tone plateaus in Luganda. LabPhon18. Virtual. June 25, 2022.

[4] 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.

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

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

[7] 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.

[8] **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.

[9] 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.

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

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

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

[13] 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.

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

[15] 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.

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

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

[18] 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
- Farinella, Alessa (in progress).
- Lee, Seung Suk (in progress).
- Kusmer, Leland (2019). Co-chair (with Kyle Johnson). *Optimal Linearization: Prosodic displacement in Khoekhoegowab and Beyond*.
- Hauser, Ivy (2019). Co-chair (with John Kingston). *Effects of Phonological Contrast on Within-Category Phonetic Variation*.

Doctoral dissertation committees, committee member
- López-Barrios, Wilmar (2024). *Language-specific intonation in the bilingual Palenquero/Spanish speakers: A prosodic transition between two generations*.
- Özyıldız, Deniz (2021). *The Event Structure of Attitudes*.
- Mullin, Kevin (2012-2017).
- Sánchez Alvarado, Covadonga (2019). *The Production and Perception of Subject Focus Prosody in L2 Spanish*.
- Nazarov, Aleksei (2016). *Extending Hidden Structure Learning: Features, Opacity, and Exceptions*.
- Pizzo, Presley (2015). *Investigating properties of phonotactic knowledge through web-based experimentation*.

Doctoral dissertation committees, external examiner
- Blum, Mirella L. (2023), University of Edinburgh. *Cross-variety Dinka tonal phonology*.
- Fry, Michael (2020), The University of British Columbia. *Grammaticus ex machina: tone inventories as hypothesized by machine*.

Comprehensive paper committees
- Farinella, Alessa (2024). *Givenness and default prosody*
- Whitmal, Ayana (2022).
- Hughes, Cerys (2022). *Probing a Neural Network Model of Sound Change for Perceptual Integration.*
- Lee, Seung Suk (2022). *Finding accentual phrases in Korean.*
- Farinella, Alessa (2022). *Aspects of prosodic constituency and intonation in Tagalog.*
- Neal, Anissa (2021). *Parsing of relative clauses in African American Language.*
- Özyıldız, Deniz (2017). *Focus, and the factive inference with unembedded triggers.*
- Kusmer, Leland (2016). *Prosody and the disjoint alternation in Tshivenda.*
- 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.

Undergraduate honors theses, committee member
- Knick, Emily (2021-2022). Linguistics.

TEACHING
EXPERIENCE

Harvard University Department of Linguistics

Instructor, Introduction to Tone and Intonation, Invited Mini-course. April 2024.

2023 LSA Summer Linguistics Institute

Instructor, Introduction to Prosody

University of Massachusetts Amherst, Amherst, MA

Instructor   **September 2012 – present**

- LINGUIST 197LM: Language and Music (Undergraduate)
  - Spring 2017, Spring 2018

- LINGUIST 402: Speech Sounds and Structures (Undergraduate)
  - Spring 2021, Fall 2021 (co-taught with Michael Becker)

- LINGUIST 409: Introduction to Computational Linguistics (Undergraduate)
  - Fall 2022, Fall 2023

- 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, Fall 2019, Fall 2021

- LINGUIST 592T: Introduction to Tone and Inotnation (Undergraduate/Graduate)
  - Spring 2022, Spring 2023

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

- LINGUIST 614: Introduction to Phonetic Theory (Graduate)
  - Spring 2021

- LINGUIST 712: Proseminar Psycholinguistics (Graduate)
  - Fall 2019 (*Coordinating phonological and syntactic structures in speaking*, co-taught with Shota Momma)

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

- LINGUIST 730: Proseminar Phonological Theory (Graduate)
  - Fall 2012 (*Prosodic theory*)
  - Fall 2017 (*Foundations of prosody: back to the future*)
  - Fall 2019 (*Phonological Stress: Gradience & Abstractness in Phonological Theory & Data*, co-taught with Gaja Jarosz)
  - Fall 2022 (*Dimensions of Phonological Categories*)

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

- LINGUIST 751: Topics in Phonology (Graduate)
  - Spring 2014 (co-taught with Brian Dillon; *Prosodic parsing*)
  - Fall 2015 (*Somali field methods.*)

PROFESSIONAL SERVICE

Professional organizations
- Member of Future of the Annual Meetings (FOAM) Ad-hoc Committee 2022-2024, Linguistic Society of America
- Program Committee Chair, Linguistic Society of America Annual Meetings 2021-2024

Conference organization
- Co-organizer 31st Annual Meeting of the Austronesian Formal Linguistics Association. July 12-14, 2024. With Alessa Farinella and Jed Sam Pizarro-Guevara.
- Senior Program Committee Co-chair, 100th Annual Meeting of the Linguistic Society of America. January 4-7, 2024. With Sarah Murray.
- Co-organizer, Bridging fieldwork, corpus, and experimental methods to study sociolectal variation. October 8-9, 2023. With Brendan O'Connor, Lisa Green, Meghan Armstrong-Abrami.
- 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.
  - Principal 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
- Co-editor, Special Issue of *Language and Speech* on sociolectal variation in prosody, 2019 – 2022
- 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

- *Glossa*, 2022
- *Journal of Speech, Language, and Hearing Research*, 2019 – present
- *Laboratory Phonology*, 2017 – present
- *Journal of South Asian Linguistics*, 2017 – present
- *PLoS ONE*, 2015
- *Language and Speech*, 2015-present
- *Attention, Perception, and Psychophysics*, 2015
- *Journal of East Asian Linguistics*, 2015, 2022
- *Phonology*, 2014 – 2015
- *Lingua*, 2013 – 2015
- *Journal of the International Phonetic Association*, 2013 — present
- *Language Documentation & Conservation*, 2013 – present
- *Journal of the Acoustical Society of America*, 2011 – present
- *Journal of Phonetics*, 2011 – present

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 – present
- *International Congress of Phonetic Sciences*, 2015 – present
- *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, Tone and Intonation in Europe, Conference on Tone and Intonation*, 2014 – present
- *Speech Prosody*, 2016 – present
- *Annual Meetings on Phonology*, 2013 – present
- *Linguistic Society of America Annual Meeting*, 2012 – present
- *West Coast Conference on Formal Linguistics*, 2012 – present

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)
- International Phonetic Association (2019 – present)

DEPARTMENTAL SERVICE

- Undergraduate Program Director, 2021 – present
- Gender Equity in Linguistics committee, 2019 – 2022
- 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.