Andrés Buxó-Lugo

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Professional Positions

Starting Fall 2021 **Assistant Professor**, *University at Buffalo, The State University of New York*, Department of Psychology.

2019–2021 **Postdoctoral Research Fellow**, *University of Maryland*, Department of Psychology.

2017–2019 **Postdoctoral Research Associate**, *University of Rochester*, Department of Brain and Cognitive Sciences.

Education

2011–2017 **PhD in Cognitive Psychology**, *University of Illinois at Urbana-Champaign*.
Thesis: Communicative context, expectations, and adaptation in prosodic production and comprehension
Committee: Duane G. Watson, Gary Dell, Cindy Fisher, Kara Federmeier, Chigusa Kurumada

2007–2011 **BA in Psychology**, *University of North Carolina at Chapel Hill*.

Research Interests

Psycholinguistics, language production and comprehension, prosody, speech, computational models of cognition, adaptation, bilingualism, disfluencies

Research Experience

2011–2017 **Graduate Student**, *University of Illinois at Urbana-Champaign*, Communication and Language Lab.
Advisor: Duane G. Watson

2010–2011 **Research Assistant**, *University of North Carolina at Chapel Hill*, Language Processing Lab.
Advisor: Jennifer Arnold

Honors and Awards

2019–2021 President's Postdoctoral Fellowship

2013–2014 NIH Language Processing Training Grant Fellowship

2013–2014 Ford Foundation Predoctoral Fellowship Honorable Mention

2012–2013 Irwin Fellowship

2011–2012 Graduate College Fellowship

Publications in Progress

Buxó-Lugo, A. & Kurumada, C. (submitted). What changes when we tune into talker-specific prosody?

Publications

Buxó-Lugo, A. & Slevc, L. R. (2021). Do minor thirds characterize the prosody of sad speech? *Auditory Perception & Cognition.*

Xie, X., Buxó-Lugo, A. & Kurumada, C. (2021). Encoding and decoding of meaning through structured variability in intonational speech prosody. *Cognition, 211.*

Buxó-Lugo, A., Jacobs, C. L., & Watson, D. G. (2020). The world is not enough to explain lengthening of phonological competitors. *Journal of Memory and Language, 110.*

Watson, D. G., Jacobs, C., & Buxó-Lugo, A. (2019). Prosody indexes both competence and performance. *WIREs Cognitive Science.*

Buxó-Lugo, A., Toscano, J. C., & Watson, D. G. (2018). Effects of participant engagement on prosodic prominence. *Discourse Processes, 55(3),* 305-323.

Buxó-Lugo, A. & Watson, D. G. (2016). Evidence for the influence of syntax on prosodic parsing. *Journal of Memory and Language, 90,* 1-13.

Watson, D. G., Buxó-Lugo, A., & Simmons, D. C. (2015). The effect of phonological encoding on word duration: Selection takes time. In E. Gibson and L. Frazier, *Explicit and Implicit Prosody in Sentence Processing* (pp. 85-98). Switzerland: Springer International Publishing.

Toscano, J. C., Buxó-Lugo, A., & Watson, D. G. (2015). Using game-based approaches to increase level of engagement in research and education. In S. Dikkers (Ed.), *TeacherCraft: Using Minecraft for Teaching and Learning* (pp. 139-151). Pittsburgh: ETC Press.

Conference Presentations

Xie, X., Buxó-Lugo, A., & Kurumada, C. (2021, March). Distributional learning as a driver of robust speech processing. Talk presented at CUNY 2021: Conference on Human Sentence Processing, Philadelphia, PA.

Kurumada, C. & Buxó-Lugo, A. (2020, March). Intonation interpretations are talker sensitive, but not talker specific. Talk presented at CUNY 2020: Conference on Human Sentence Processing, Amherst, MA.

Slevc, L.R. & Buxó-Lugo, A. (2020, March). Structural priming is influenced by both syntax and plausibility. Poster presented at CUNY 2020: Conference on Human Sentence Processing, Amherst, MA.

Buxó-Lugo, A. & Kurumada, C. (2019, March). That was a question?: Accommodating variability in intonation interpretations. Talk presented at CUNY 2019: Conference on Human Sentence Processing, Boulder, CO.

Buxó-Lugo, A. & Kurumada, C. (2018, November). Navigating variability in question-statement prosody. Poster presented at the 59th Annual Meeting of the Psychonomic Society, New Orleans, LA.

Buxó-Lugo, A., Nourani, S., & Kurumada, C. (2018, October). Accommodating variations in pragmatic interpretation of intonation contours. Poster presented at Experimental and Theoretical Advances in Prosody, Amherst, MA.

Buxó-Lugo, A., Jacobs, C. L., & Watson, D. G. (2018, March). Hear no evil or speak no evil: Lengthening of phonological competitors. Talk presented at CUNY 2018: Conference on Human Sentence Processing, Davis, CA.

Buxó-Lugo, A., Kurumada, C., & Watson, D. G. (2017, March). Listener adaptation to prosodic cues to syntax. Poster presented at CUNY 2017: Conference on Human Sentence Processing, Boston, MA.

Buxó-Lugo, A. & Watson, D. G. (2015, May). Top-down processing of intonational boundaries. Talk presented at Experimental and Theoretical Advances in Prosody, Champaign, IL.

Buxó-Lugo, A. & Watson, D. G. (2015, March). Top-down processing of intonational boundaries. Poster presented at CUNY 2015: Conference on Human Sentence Processing, Los Angeles, CA.

Buxó-Lugo, A., Toscano, J. C., & Watson, D. G. (2013, March). Task effects on prosodic prominence. Talk presented at CUNY 2013: Conference on Human Sentence Processing, Columbia, SC.

Buxó-Lugo, A., Simmons, D. C., & Watson, D. G. (2013, March). Modeling word duration in language production. Poster presented at CUNY 2013: Conference on Human Sentence Processing, Columbia, SC.

Buxó-Lugo, A. & Watson, D. G. (2012, September). The effects of intonational phrase boundaries on prominence. Poster presented at Architectures and Mechanisms of Language Processing 2012, Riva del Garda, Italy.

Invited Talks

Buxó-Lugo, A. (2020, November). That was a question?: Encoding and decoding of meaning through structured variability in intonational speech prosody. LingLangLunch, Brown University.

Buxó-Lugo, A. (2020, October). Encoding and decoding of meaning through structured variability in intonational speech prosody. Linguistics Fridays, University of Wisconsin.

Buxó-Lugo, A. (2020, February). The hand and the haaat: What word durations reveal about language production processes. Cognitive Science Colloquium, University at Buffalo.

Buxó-Lugo, A. (2020, January). The beetle and the beakerrr: What word durations reveal about language production processes. Linguistics Colloquium, University of Texas at Austin.

Buxó-Lugo, A. (2019, November). The world is not enough to explain lengthening of phonological competitors. Prosody Lab Meeting, McGill University.

Buxó-Lugo, A. (2018, November). Testing listener flexibility in question-statement prosody interpretation. Cognitive Brown Bag series, Psychological and Brain Sciences, Villanova University.

Buxó-Lugo, A. (2018, October). Adaptation in the interpretation of question-statement prosody. Computational Linguistics Reading Group, City University of New York (CUNY) Graduate Center.

Buxó-Lugo, A., Nourani, S., & Kurumada, C. (2018, May). Adaptation in question-statement prosody processing. Multi-lab psycholinguistics workshop, University of Toronto.

Buxó-Lugo, A. (2017, February). Expectations and adaptation in prosody. Language Science That Caught Our Ear talk series, Department of Brain and Cognitive Sciences, University of Rochester.

Departmental and Other Talks

Buxó-Lugo, A. & Slevc, L. R. (2021, April). Meanings without sounds: Modeling pure word deafness. Cognitive and Neural Systems Seminar, University of Maryland.

Buxó-Lugo, A. (2019, October). The world is not enough to explain lengthening of phonological competitors. Language Science Lunch Talk series, University of Maryland.

Buxó-Lugo, A. (2017, March). Interactivity and adaptation in intonational boundary processing. Cognitive Brown Bag series, Department of Psychology, University of Illinois at Urbana-Champaign.

Buxó-Lugo, A., Jacobs, C. L., & Watson, D. G. (2016, November). What's a competitor? Language Processing Brown Bag series, University of Illinois at Urbana-Champaign.

Buxó-Lugo, A. & Watson, D. G. (2016, April). Influence of syntax on prosodic parsing. Cognitive Brown Bag series, Department of Psychology, University of Illinois at Urbana-Champaign.

Buxó-Lugo, A. & Watson, D. G. (2016, February). Evidence for the influence of syntax on prosodic parsing. Linguistics Department Seminar, University of Illinois at Urbana-Champaign.

Buxó-Lugo, A. & Watson, D. G. (2015, November). Influence of syntax on prosodic parsing. Language Processing Brown Bag series, University of Illinois at Urbana-Champaign.

Buxó-Lugo, A., Toscano, J. C., & Watson, D. G. (2015, October). Task effects on prosodic prominence. Visual Cognition and Human Performance Brown Bag series, Department of Psychology, University of Illinois at Urbana-Champaign.

Buxó-Lugo, A. & Watson, D. G. (2014, February). Top-down processing of intonational boundaries. Cognitive Brown Bag series, Department of Psychology, University of Illinois at Urbana-Champaign.

Buxó-Lugo, A. & Watson, D. G. (2012, September). The effects of intonational phrase boundaries on prominence. Cognitive Brown Bag series, Department of Psychology, University of Illinois at Urbana-Champaign.

Teaching

Spring 2021	Invited Guest Lecturer, "Phonological Encoding & Prosody" Course: Language Production in Adults & Children
Spring 2020	Invited Guest Lecturer, "Auditory Phonetics" Course: Introduction to the Study of Language
Spring 2019	Invited Guest Lecturer, "One-word to Multi-word Speech" & "Grammatical Development" Course: Language Development
Spring 2017	Primary Instructor, "Introduction to Psychology" List of Teachers Ranked as Excellent by their Students Course Director: Lisa Travis
Fall 2016	Primary Instructor, "Introduction to Psychology" Course Director: Lisa Travis
Spring 2016	Primary Instructor, "Introduction to Psychology" Course Director: Lisa Travis
Spring 2016	Invited Guest Lecturer, "Prosody" Course: Psycholinguistics
Spring 2015	Primary Instructor, "Introduction to Psychology" List of Teachers Ranked as Excellent by their Students Course Director: Lisa Travis

Outreach

2021	ExploreCSR 2021 Mentor and Lecturer: Prosodic Analysis, University at Buffalo.
2018	Introduction to Open Research Workshop Panel Member, University of Rochester.
2013	Beckman Institute Open House Presentation: Computer game approach to understanding speech in conversations, University of Illinois at Urbana-Champaign.

Professional Service

Journal Reviews	Auditory Perception & Cognition Language, Cognition and Neuroscience Memory & Cognition Cognition Psychonomic Bulletin & Review Journal of Experimental Psychology: Learning, Memory, and Cognition Cognitive Science Laboratory Phonology Journal of Phonetics

Conference Reviews	Speech Prosody (2020)
	CUNY Conference on Human Sentence Processing (2020)
	Experimental and Theoretical Advances in Prosody 4 (ETAP4)
	Speech Prosody (2018)
	CUNY Conference on Human Sentence Processing (2018)
	CUNY Conference on Human Sentence Processing (2017)
	Speech Prosody (2016)
	Experimental and Theoretical Advances in Prosody 3 (ETAP3)

Professional Affiliations

Psychonomic Society

Auditory Perception and Cognition Society

Skills

Technical	MATLAB, Python, Praat, R Project for Statistical Computing, Unix Command Line, EyeLink, extensive experience with audio engineering devices.
Languages	Spanish (native), English (native-like), French (novice), German (novice)