Andrés Buxó-Lugo

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Professional Positions

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). Encoding and decoding of meaning through structured variability in speech prosody.

Buxó-Lugo, A. & Kurumada, C. (submitted). Intonation adaptation is conditioned on syntactic constructions.

Buxó-Lugo, A., Harrington Stack, C., Kurumada, C., & Watson, D. G. (in prep). Variability and adaptation in prosody-based syntactic comprehension.

Publications

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

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. (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 Talks

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 2019   Invited Guest Lecturer, "One-word to Multi-word Speech" & "Grammatical Development"
Instructor: Chigusa Kurumada

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"
Instructor: Duane G. Watson

Spring 2015   Primary Instructor, "Introduction to Psychology"
List of Teachers Ranked as Excellent by their Students
Course Director: Lisa Travis

Outreach

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.

Professional Service

Journal Reviews	Memory & Cognition
	Cognition
	Psychonomic Bulletin & Review
	Journal of Experimental Psychology: Learning, Memory, & Cognition
	Cognitive Science
	Laboratory Phonology
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)