

# Andrés Buxó-Lugo

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## Professional Positions

- 2021–present **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. & Slevc, L. R. (submitted). Integration of input and expectations influences syntactic parses, not just sentence interpretation.

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

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## 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.

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## 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. (2021, November). Modeling structured variability in question-statement prosody. Cognitive Brown Bag, University of Massachusetts, Amherst.
- 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.

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## 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.

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## Teaching

- Spring 2022 Primary Instructor, Psycholinguistics (Graduate Seminar)  
Fall 2021 Primary Instructor, Psycholinguistics (Undergraduate)  
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

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## 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.

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## Professional Service

Journal	Journal of Experimental Psychology: General
Reviews	Journal of Psycholinguistic Research
	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	Speech Prosody (2022)
Reviews	HSP Conference on Human Sentence Processing (2022)
	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 (fluent), German (novice), French (novice)