

# 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.

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## Publications

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

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

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

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.

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## Invited Talks

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

Buxó-Lugo, A. (2018, October). Adaptation in the interpretation of question-statement prosody. Invited talk, 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. Invited talk, multi-lab psycholinguistics workshop, University of Toronto.

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

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## 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.

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## 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

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## 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.

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## Professional Service

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

Conference Experimental and Theoretical Advances in Prosody 4 (ETAP4)  
Reviews 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)

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## Professional Affiliations

Psychonomic Society

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## 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)