

Esteban Buz

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Brain and Cognitive Sciences
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Education

<i>Ph.D. Candidate</i> , Brain and Cognitive Sciences University of Rochester, Rochester, NY	2010 - present
<i>Master of Arts</i> , Brain and Cognitive Sciences University of Rochester, Rochester, NY	2013
<i>Bachelor of Arts</i> , Cognitive Science, minor in Computer Science Granted with general and departmental honors Johns Hopkins University, Baltimore, MD	2008

Funding & Awards

27th Annual CUNY Conference on Human Sentence Processing Travel Award	2014
NSF Graduate Fellowship Honorable Mention	2011, 2012
Provost Fellowship, University of Rochester	2010
Hodson Trust Scholarship, Johns Hopkins University	2004-2008

Work in progress

(In prep) Buz, E. & Jaeger, T.F. Simpson's paradox in speech production.

Conference Proceedings

Buz, E., Jaeger, T.F., & Tanenhaus, M.K. 2014. Contextual confusability leads to targeted hyperarticulation. To the 36th Annual Meeting of the Cognitive Science Society. Austin, TX: Cognitive Science Society

Buz, E. & Frank, R. 2008. Evaluating systematicity in neural networks through transformation combination. In Proceedings of the 30th Annual Meeting of the Cognitive Science Society. Austin, TX: Cognitive Science Society

Presentations

Buz, E. & Jaeger, T.F. 2014. Effects of contextual confusability and interlocutor feedback on speaker phonetic production and production ease in a simulated-communication task. Poster at the 8th International Workshop on Language Production, Geneva, CH.

Buz, E. & Jaeger, T.F. 2014. Effects of interlocutor feedback on speaker phonetic production in a simulated-communication task. Poster at the 27th Annual CUNY Conference on Human Sentence Processing, Columbus, OH.

Buz, E. & Jaeger, T.F. 2013. Comparing measure of word confusability and their effect on speech production. Poster at the 26th Annual CUNY Conference on Human Sentence Processing, Columbia, SC.

Buz, E., Farmer, T., & Jaeger, T.F. 2012. Speakers are sensitive to prediction mismatches between two cues to grammatical category in spontaneous speech. Poster at the 7th International Workshop on Language Production, New York, NY.

Buz, E., & Jaeger, T.F. 2012. Word confusability and word durations. Poster at the 7th International Workshop on Language Production, New York, NY.

Buz, E., & Jaeger, T.F. 2012. Effects of phonological confusability on speech duration. Poster at the 25th Annual CUNY Conference on Human Sentence Processing, New York, NY.

Van Droof L.V., Ledoux K., Pickett E.J., Buz E., Billings N.M., & Gordon B. 2010. Advancing the measurement of receptive language in nonverbal individuals with autism. Poster at the 2010 International Meeting for Autism Research, Philadelphia, PA, May 20-22, 2010.

Ledoux K., Pickett E., Van Droof L.V., Buz E., Billings N.M., & Gordon B. 2010. Receptive vocabulary knowledge in individuals with autism as assessed by eye movements, pupillary dilation, and event-related potentials. Poster at the 2010 Neurobiology of Autism conference, San Diego, CA, November 12, 2010.

Ledoux, K., Pickett, E., Van Droof, L.V., Buz, E., Billings, N.M., & Gordon, B. 2009. Receptive vocabulary knowledge in individuals with autism as assessed by eye movements, pupillary dilation, and event-related potentials. Poster at the 2009 meeting of the Psychonomic Society, Boston, MA, November 21, 2009.

Teaching Experience

Co-Instruction

Independent study reading group, co-taught with Jenny M. Roche, Ph.D.
Direct reading and discussion on speech production and audience design Spring, 2012

Teaching Assistant

Cognition, taught by Andrea Hinds, Ph.D.
Held office hours, graded assignments, lectured Spring, 2014

Language & Psycholinguistics, taught by T. Florian Jaeger, Ph.D.
Held office hours, created and graded assignments and exams, lectured Fall, 2011

Previous Employment

Research Assistant

Cognitive Neurology/Neuropsychology, Johns Hopkins University 2008-2010

Somatosensory Lab, Mind/Brain Institute, Johns Hopkins University

2007-2008

Frank/Smolensky Computational Linguistics Lab, Johns Hopkins University

2006-2008