

Esteban Buz

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Education

Ph.D., Brain and Cognitive Sciences University of Rochester, Rochester, NY	2016
Master of Arts, Brain and Cognitive Sciences University of Rochester, Rochester, NY	2013
Bachelor of Arts, Cognitive Science, minor in Computer Science Granted with general and departmental honors Johns Hopkins University, Baltimore, MD	2008

Honors, fellowships & funding

Ruth L. Kirschstein National Research Service Award Individual Predoctoral Fellowship (F31HD083020)	2015-2016
Edward Peck Curtis Award for Excellence in Teaching by a Graduate Student	2015
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

Journal publications

Seyfarth, S., Buz, E., & Jaeger, T.F. 2016. Dynamic hyperarticulation of coda voicing contrasts. *Journal of the Acoustical Society of America*. doi: 10.1121/1.4942544

Buz, E., Tanenhaus, M.K., & Jaeger, T.F. 2016. Dynamically adapted context-specific hyper-articulation: Feedback from interlocutors affects speakers' subsequent pronunciations. *Journal of Memory and Language*. doi: 10.1016/j.jml.2015.12.009

Buz, E., & Jaeger, T.F. 2016. The (in)dependence of articulation and lexical planning during isolated word production. *Language, Cognition and Neuroscience*. doi: 10.1080/23273798.2015.1105984

Ledoux, K., Coderre, E., Bosley, L., Buz, E., Gangopadhyay, I., & Gordon, B. 2015. The concurrent

use of three implicit measures (eye movements, pupillometry, and event-related potentials) to assess receptive vocabulary knowledge in normal adults. *Behavior Research Methods*. doi: 10.3758/s13428-015-0571-6

Handbook chapters

Jaeger, T.F., & Buz, E. 2016. Signal reduction and linguistic encoding. To appear in E.M. Fernández & H.S. Cairns (Eds.), *Handbook of Psycholinguistics*. Wiley-Blackwell. [linktopaper](#).

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. [linktopaper](#).

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. [linktopaper](#).

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 Drooif 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

P U, LIN/PSY/CGS, <i>Situated Language Usage</i>	Fall, 2016
U of R, BCS, <i>Language & Psycholinguistics</i> , co-taught with T. Florian Jaeger, Ph.D. Lectured, created assignments and exams, meet with students	Fall, 2014, 2015
U of R, BCS, <i>Independent study reading group</i> , co-taught with Jenny M. Roche, Ph.D. Direct reading and discussion on speech production and audience design	Spring, 2012

Teaching assistant

U of R, BCS, <i>Cognition</i> , taught by Andrea Hinds, Ph.D. Held office hours, graded assignments, lectured	Spring, 2014
U of R, BCS, <i>Language & Psycholinguistics</i> , taught by T. Florian Jaeger, Ph.D. Held office hours, created and graded assignments and exams, lectured	Fall, 2011

Previous positions

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