Wednesday Bushong
wbushong@ur.rochester.edu

RESEARCH INTERESTS	language processing & production, information theory, cue integration, statistical learning, statistical methods in cognitive science

EDUCATION

Ph.D Student, Brain and Cognitive Sciences   2015 –
University of Rochester

B.A. Linguistics, with Distinction   2011 – 2015
B.S. Cognitive Science, specialization in Neuroscience, with Distinction
University of California, San Diego

PUBLICATIONS

Bicknell, K., **Bushong, W.**, Tanenhaus, M., and Jaeger, T. F. (submitted). Listeners can maintain and rationally update uncertainty about prior words.

Bushong, W., and Jaeger, T. F. (in preparation). Expectation adaptation to word order alternations.

CONFERENCE PROCEEDINGS

Bushong, W., and Jaeger, T. F. (2017). Maintenance of perceptual information in speech perception. In *Proceedings of the Thirty-Ninth Annual Conference of the Cognitive Science Society.*

CONFERENCE PRESENTATIONS

Bushong, W. and Jaeger, T. F. (2018, September). *Expected utility of later context mediates maintenance of subcategorical information.* Poster to be presented at the 24th Annual Conference on Architectures and Mechanisms for Language Processing (AMLaP), Berlin, Germany.

Bushong, W. and Jaeger, T. F. (2018, September). *Cue reliability and adaptive re-weighting in spoken word recognition.* Poster to be presented at the 24th Annual Conference on Architectures and Mechanisms for Language Processing (AMLaP), Berlin, Germany.

Bushong, W., Burchill, Z., and Jaeger, T. F. (2018, September). *Understanding changes in garden-paths as expectation adaptation.* Poster to be presented at the 24th Annual Conference on Architectures and Mechanisms for Language Processing (AMLaP), Berlin, Germany.

Burchill, Z., **Bushong, W.** and Jaeger, T. F. (2018, September). *Wasted power and false interactions in reading time analyses.* Poster to be presented at the 24th Annual Conference on Architectures and Mechanisms for Language Processing (AMLaP), Berlin, Germany.

Bushong, W. and Jaeger, T. F. (2018, March). *Cue reliability and re-weighting in speech perception.* Poster presented at the 31st Annual CUNY Conference on Human Sentence Processing, Davis, CA.

Bushong, W., and Jaeger, T. F. (2017, March). *Expectation adaptation to high-level linguistic constraints on word order.* Talk presented at the 30th Annual CUNY Conference on Human Sentence Processing, Cambridge, MA.

Bushong, W., Bicknell, K., and Jaeger, T. F. (2017, March). *Listeners maintain uncertainty about linguistic input.* Poster presented at the 30th Annual CUNY Conference on Human Sentence Processing, Cambridge, MA.

Bushong, W. and Jaeger, T. F. (2016, October). *Processing the relative ordering of definite and indefinite noun phrases.* Poster presented at the Dimensions of D Workshop, Rochester, NY.

Bushong, W., Morgan, E., Yen, M., and Levy, R. (2015, September). *Compositional and holistic representations in multiword expressions.* Poster presented at the 21st Annual Conference on Architectures and Mechanisms for Language Processing (AMLaP), Valletta, Malta.

Bushong, W., Ürgen, B. A., Miller, L. E., and Saygin, A. P. (2015, May). *Influence of form and motion on biological motion prediction.* Poster presented at Vision Sciences Society 15th Annual

Meeting, St. Pete, Florida.

THESES	**Bushong, W.** (2015). *Compositional and holistic processing in novel and attested multiword expressions.* Undergraduate Honors Thesis, Department of Linguistics, UC San Diego. (advisor: Roger Levy)

Bushong, W. (2015). *Influence of form and motion on biological motion prediction.* Undergraduate Honors Thesis, Department of Cognitive Science, UC San Diego. (committee: Ayşe Saygin, Seana Coulson, Burcu Ürgen)

INVITED TALKS **Bushong, W..** Maintenance of Perceptual Information in Speech Perception. Invited talk at University of Rochester NRT Mini-Conference, Rochester, NY, September 26, 2017.

TEACHING EXPERIENCE

At University of Rochester

Co-Instructor, BCS 152: Language & Psycholinguistics	Aug 2018 – Dec 2018
Teaching Assistant, BCS 152: Language & Psycholinguistics	Aug 2017 – Dec 2017
Teaching Assistant, CSP 519: Data Analysis II: General Linear Models	Jan 2017 – May 2017
Teaching Assistant, BCS 111: Foundations of Cognitive Science	Aug 2016 – Dec 2016

At UC San Diego

Instructional Assistant, COGS 14A: Introduction to Research Methods	Sep 2013 – Dec 2013

AWARDS AND HONORS

Donald M. and Janet C. Barnard Fellowship, University of Rochester	2018
Edward Peck Curtis Award for Excellence in Teaching, University of Rochester	2018
NSF National Research Training (NRT) Fellow, University of Rochester	2016 – 2018
NSF Graduate Research Fellowship Honorable Mention	2015
Provost Fellowship, University of Rochester	2015 – 2017
Outstanding Graduate in Linguistics, UC San Diego	2015
Chancellor's Scholarship, UC San Diego	2011 – 2015

RESEARCH EXPERIENCE

Current Research Advisors
2015 – current: T. Florian Jaeger (Department of Brain & Cognitive Sciences, University of Rochester)
Previous Research Advisors
2013 – 2015: Roger Levy (Department of Brain & Cognitive Sciences, MIT)
2014 – 2015: Ayşe Saygin (Department of Cognitive Science, UC San Diego)
2014: Noah Goodman (Department of Psychology, Stanford)
2013 – 2014: Marta Kutas (Department of Cognitive Science, UC San Diego)

MENTORING EXPERIENCE

At University of Rochester
2018 – present: Nicole Vieyto
2017: Bethany Gardner
2016 – 2017: Evan Hamaguchi
2015 – 2016: Christopher Langfield

REVIEWING *Cognitive Science* and *The Annual Meeting of the Cognitive Science Society*

PROGRAMMING SKILLS R, Python, MATLAB/Octave

CLUBS & ORGANIZATIONS

At University of Rochester

IT Officer, Graduate Student Association	Jun 2016 – Jun 2018

At UC San Diego

Vice President, Cognitive Science Student Association	Jun 2014 – Jun 2015
Reviewer, Impulse Undergraduate Neuroscience Journal	Nov 2013 – Jun 2015
Professional Chair, Cognitive Science Student Association	Dec 2013 – Jun 2014
President, Linguistics Undergraduate Association	Jun 2013 – Jun 2015