

Wednesday Bushong

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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. (in preparation). 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 <i>Proceedings of the Thirty-Ninth Annual Conference of the Cognitive Science Society</i> .
CONFERENCE PRESENTATIONS	Bushong, W. , and Jaeger, T. F. (2017, March). <i>Expectation adaptation to high-level linguistic constraints on word order</i> . Talk presented at the 30th Annual CUNY Conference on Human Sentence Processing, Cambridge, MA. Bushong, W. , Bicknell, K., and Jaeger, T. F. (2017, March). <i>Listeners maintain uncertainty about linguistic input</i> . Poster presented at the 30th Annual CUNY Conference on Human Sentence Processing, Cambridge, MA. Bushong, W. and Jaeger, T. F. (2016, October). <i>Processing the relative ordering of definite and indefinite noun phrases</i> . Poster presented at the Dimensions of D Workshop, Rochester, NY. Bushong, W. , Morgan, E., Yen, M., and Levy, R. (2015, September). <i>Compositional and holistic representations in multiword expressions</i> . 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). <i>Influence of form and motion on biological motion prediction</i> . Poster presented at Vision Sciences Society 15th Annual Meeting, St. Pete, Florida.
THESES	Bushong, W. (2015). <i>Compositional and holistic processing in novel and attested multiword expressions</i> . Undergraduate Honors Thesis, Department of Linguistics, UC San Diego. (advisor: Roger Levy) Bushong, W. (2015). <i>Influence of form and motion on biological motion prediction</i> . 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	<i>Teaching Assistanceships</i> BCS 152: Language & Psycholinguistics August 2017 – December 2017 Department of Brain & Cognitive Sciences, University of Rochester – Duties: Write quiz and exam material; hold office hours; hold exam review sessions; grade

homework and exams

CSP 519: Data Analysis II: General Linear Models Jan 2017 – May 2017
Department of Clinical & Social Psychology, University of Rochester
– Duties: Prep & teach weekly labs using R; hold office hours; grade homework assignments and exams

BCS 111: Foundations of Cognitive Science Aug 2016 – Dec 2016
Department of Brain & Cognitive Sciences, University of Rochester
– Duties: Grade writing assignments and exams; hold office hours; lead exam reviews

COGS 14A: Introduction to Research Methods Sep 2013 – Dec 2013
Department of Cognitive Science, UC San Diego
– Duties: Prep & teach 50 minute weekly discussion sections; hold office hours; grade exams

PROGRAMMING SKILLS R
Python
MATLAB/Octave
Church (& other LISP-inspired languages)
Javascript

AWARDS AND HONORS NSF National Research Training (NRT) Fellow 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 Mentors*
2015 – current: T. Florian Jaeger (Department of Brain & Cognitive Sciences, University of Rochester)
Previous Mentors
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*
2017 – current: Bethany Gardner
2016 – 2017: Evan Hamaguchi
2015 – 2016: Christopher Langfield

SERVICE *Ad-Hoc Reviewing*
2017: The Thirty-Ninth Annual Conference of the Cognitive Science Society

GRADUATE COURSEWORK *At University of Rochester:*
– BCS 501: Language
– BCS 502: Cognition
– BCS 505: Perception & Motor Systems
– BCS 508: Cognitive Neuroscience
– BCS 511: Behavioral Methods in Cognitive Science
– BCS 512: Computational Methods in Cognitive Science
– CSP 519: Data Analysis II: General Linear Models
– DSC 530: Methods in Data-Enabled Research into Human Behavior and its Cognitive and Neural Mechanisms
– DSC 531: Practicum In Data-Eanabled Research into Human Behavior and its Cognitive and Neural Mechanisms

At UC San Diego:

- COGS 260: Neural Oscillations
- LIGN 221: Syntax
- LIGN 225: Experimental Syntax
- LIGN 247: Bayesian and Game-Theoretic Semantics and Pragmatics
- LIGN 282: Biology and Environment in Language Acquisition

CLUBS &

ORGANIZATIONS

At University of Rochester

IT Officer, Graduate Student Association

Jun 2016 – May 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