WEDNESDAY BUSHONG

https://wbushong.github.io

bushong@hartford.edu

EMPLOYMENT

Assistant Professor   *August 2020 –*
  Department of Psychology, University of Hartford

EDUCATION

University of Rochester
  Ph.D, Brain & Cognitive Sciences   *August 2020*
    Dissertation: Maintenance of subcategorical information in spoken word recognition
  M.A., Brain & Cognitive Sciences   *June 2018*

University of California, San Diego
  B.S., Cognitive Neuroscience with Distinction   *June 2015*
    Thesis: Influence of form and motion on biological motion perception
  B.A., Linguistics with Distinction   *June 2015*
    Thesis: Compositional and holistic processing in novel and attested multiword expressions

PEER-REVIEWED JOURNAL ARTICLES

Bushong, W. (in preparation). Modeling maintenance of subcategorical information in spoken word recognition.

Bushong, W. and Jaeger, T. F. (under review at *Journal of Experimental Psychology: Human Perception and Performance*). Maintenance of subcategorical representations in spoken word recognition is modulated by recent experience.

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

Segool, N. K., Tarampi, M. R., **Bushong, W.**, Woike, A. C., and Nicklin, J. M. (to appear). Writing-Psychology partnerships: The impact of learning community and major cohorts in a first-year college effectiveness trial. *Scholarship of Teaching and Learning in Psychology*

Bushong, W. and Jaeger, T. F. (2019). Dynamic re-weighting of acoustic and contextual cues in spoken word recognition. *The Journal of the Acoustical Society of America*, 146(2), EL135-EL140.

PEER-REVIEWED CONFERENCE PROCEEDINGS PAPERS

Bushong, W. and Jaeger, T. F. (2019). Memory maintenance of gradient speech representations is mediated by their expected utility. In *Proceedings of the Forty-First Annual Conference of the Cognitive Science Society.*

Bushong, W. and Jaeger, T. F. (2019). Modeling long-distance cue integration in spoken word recognition. In *Proceedings of NAACL 2019 Cognitive Modeling and Computational Linguistics Workshop.*

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.*

INVITED PRESENTATIONS

"Maintenance of subcategorical information in spoken word recognition." (2021). Cognitive Science Brown Bag, Villanova University.

"Uncertainty maintenance during spoken word recognition." (2019). ALPS Lab, Stanford University.

"Learning to expect the unexpected: Adaptation to new distributions of grammatical structures." (2018). NSF NRT PI Meeting, Washington, D.C.

"Maintenance of perceptual information in speech perception." (2017). University of Rochester NRT Mini-Conference, Rochester, NY.

PEER-REVIEWED CONFERENCE ABSTRACTS

Bushong, W. and Jaeger, T. F. (2023, January) *Modeling subcategorical information in speech perception.* Talk presented at the 97th Annual Meeting of the Linguistic Society of America, Denver, Colorado.

Bushong, W. and Jaeger, T. F. (2021, March). *Modeling subcategorical information maintenance in spoken word recognition.* Short talk presented at the 34th Annual CUNY Conference on Human Sentence Processing, Philadelphia, PA.

Bushong, W. and Jaeger, T. F. (2019, July). *Modeling long-distance cue integration in spoken word recognition.* Poster presented at the Forty-First Annual Conference of the Cognitive Science Society, Montreal, Canada.

Bushong, W. and Jaeger, T. F. (2018, September). *Expected utility of later context mediates maintenance of subcategorical information.* Poster 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 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 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 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.

TEACHING EXPERIENCE

At University of Hartford
Instructor
PSY 372: Statistics for Psychology (FA 2023, SP 2023, FA 2022, SP 2022, FA2021, SP 2021 x 2, FA 2020 x 2)
PSY 470W: Research Methods for Psychology (FA 2023, SP 2023, FA 2022, SP 2022, FA 2021)
PSY 359/393: The Psychology of Language (SP 2023, SP 2022, SP 2021)
CPS 852c: Dissertation Seminar (SU 2022)
FYS 100P: Linguistic Diversity and Discrimination in the US (FA 2022)
PSY 311: Brain and Behavior (FA 2021, FA 2020)

At University of Rochester
Instructor
BCS 152: Language & Psycholinguistics (co-instructor with Dr. Martin Yang; FA 2018)
BCS 265: Language & the Brain (SP 2020)
CSP 502: Cognitive Foundations of Behavior (SU 2019)
Teaching Assistant
BCS 111: Foundations of Cognitive Science (FA 2016)
BCS 152: Language and Psycholinguistics (FA 2017)
CSP 519: General Linear Models II (SP 2017)

At UC San Diego
Instructional Assistant
COGS 14A: Introduction to Research Methods (FA 2013)

Workshops and Guest Lectures

Functional programming using R's purrr package, BCS 512: Behavioral Research Methods, University of Rochester (2019)
Adaptation during speech perception, BCS 152: Language & Psycholinguistics, University of Rochester (2019)
R programming: Basic data wrangling and visualization, Human Language Processing Lab undergraduate research assistant meeting series (2016)

AWARDS AND HONORS

Donald M. and Janet C. Barnard Fellowship, University of Rochester	2018 – 2019
Edward Peck Curtis Award for Excellence in Graduate Teaching, University of Rochester	2018
CUNY Sentence Processing Conference Student Travel Award	2017
NSF National Research Training (NRT) Fellowship, 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

ADVISING & MENTORSHIP

At University of Hartford

Psy.D. Dissertation Committees

Virginia Henry (secondary advisor)	2023–
Kiara Rayford (primary advisor)	2022–
Emily McLain (primary advisor)	2022–

Graduate Research Assistants

Meghan Daniels	2022–

Undergraduate Research Assistants

Lay Espinal	2023–
Zachary Longo	2023–
Uchenna Duru	2022 – 2023
David Sands	2022 – 2023
Daniel LaMarche (now a PhD student at University at Buffalo)	2021– 2023
→ Awarded University of Hartford Student Research Award Fall 2021	
Sage Reeves	2021– 2023
→ Awarded University of Hartford Student Research Award Fall 2021	
Briyani Belassi-Jones	2021

Undergraduate Honors Thesis Committees

Kate Pascarello (secondary member)	2021
Ayanna Perez (secondary member)	2021

Undergraduate Honors Non-Thesis Advisees

Izabela Moczydlowski	2023

High School Research Mentees (Glastonbury High School ARM Program)

Gabby Agcaoili	2021–2022
Anzal Khan	2021–2022

SERVICE

Ad-Hoc Reviewing

Journal Articles
Language, Cognition, & Neuroscience (2023)
Ear & Hearing (2021)
Attention, Perception, & Psychophysics (2020)
Journal of the Acoustical Society of America Express Letters (2020)
Memory and Cognition (2019)
Cognitive Science (2018)

Conference Proceedings Papers
The Annual Meeting of the Cognitive Science Society (2017–2021; 11 papers)
Empirical Methods in Natural Language Processing (2021; 1 paper)

Conference Abstracts
The Annual Conference on Architectures and Mechanisms for Language Processing (2020–2021; 14 abstracts)
The Annual Conference on Human Sentence Processing [formerly CUNY] (2022; 4 abstracts)

Institutional Service

University of Hartford

Institutional Review Board	2022–

University of Hartford (School of Arts & Sciences)

Peer Support Workshop faculty liaison (statistics section)	2021–
Arts & Sciences Honors Committee	2021–
Diversity Criteria Working Group	2021

University of Hartford (Psychology Department)

Search committee for PsyD faculty	2023–2024
Essential Learning Outcomes evaluator	2021–2022
Search committee for PsyD faculty	2021–2022
Anti-racism book club organizer	2021–2022

Hybrid Teaching Support Faculty Fellow	2021
Search committee for undergraduate faculty	2020–2021

At University of Rochester

Title IX Education Assessment Committee (University-wide)	2018–2020
Graduate Admissions Committee (Department of Brain & Cognitive Sciences)	2018–2019
Transportation Advisory Committee (University-wide)	2017–2018; 2019–2020
Strategic Planning – Career Development Sub-Group (University-wide)	2017