

Curriculum Vita

Autumn Horne

Pronouns: she/her

Rice University

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Houston, TX 77005

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Education

Rice University (Houston, TX)

2017-present

PhD in Psychological Sciences expected 2023

Advisor: Randi Martin

Erskine College (Due West, SC)

BA in Psychology and English Literature

2013-2017

summa cum laude

Research

I study memory and its relationship to language processing. Specifically, I use behavioral, neuropsychological, and neuroimaging methods to investigate the roles that domain-specific (e.g., phonological and semantic) working memory capacities play in language production, comprehension, and prediction. **Examples of current projects include 1) white matter correlates of working memory and 2) the relationship between phonological working memory and single word production.** My work contributes to our theoretical and neuroanatomical understanding of memory and its relationship to language.

Honors and Awards

2019 Academy of Aphasia travel award (\$1200)

2019 Maurin Fund for Conference Travel, Psychological Sciences, Rice University (\$750)

2019 Social Sciences Research Institute Travel Award, Rice University (\$400)

Manuscript in Progress

Zahn, R., **Horne, A.**, Martin, R. C. (in prep). The role of working memory in language comprehension and production: Evidence from neuropsychology. *The Cambridge Handbook of Working Memory and Language*. Cambridge University Press.

Conference Presentations

Horne, A. & Martin, R. C. (2019). Investigating the relation between phonological short-term memory and word production. Poster session presented at the *Academy of Aphasia*, Macau, China.

Horne, A. & Martin, R. C. (2019). Investigating the relation between phonological short-term memory and word production. Poster session presented at the *Annual Meeting of the Psychonomic Society*, Montreal, Quebec, Canada.

Horne, A., & Martin, R. C. (2018). Investigating the relation between phonological short-term memory and word production. Poster presented at the *Annual Meeting of the Psychonomic Society*, New Orleans, LA.

Horne, A., & Martin, R. C. (2018). Investigating the relation between phonological short-term memory and word production. Poster presented at *ARMADILLO*, Houston, TX.

Teaching

2018-present Teaching Assistant, Rice Undergraduate Scholars Program, Rice University
2019-present Workshop leader, student tutor, and guest lecturer for the Program in Writing and Communication, Rice University
2019-2020 Teaching Assistant, Cognitive Neuroscience, Rice University

University Service

2020-present Rice University Dean of Undergraduates Title IX Working Group
2020-present Rice University Library Committee

Community Service

2019-present ComSciCon Houston
 ▪ Co-chair for 2-day regional science communication conference. In 2020, raised \$7400 to cover expenses for all participants.
2019 Mentor for *Cientifico Latino*, an organization supporting underrepresenting minorities through the grad school application process

Professional Memberships

2018-present Psychonomic Society
2019-present Academy of Aphasia
2020-present American Association for the Advancement of Science