
University of Pittsburgh | 651 Learning Research & Development Center
caitlin.rice@pitt.edu | (740) 507-3935

Curriculum Vitae

Education

- In progress **Ph.D. program, Cognitive Psychology and Cognitive Neuroscience**
Department of Psychology, University of Pittsburgh, Pittsburgh PA
Advisor: Natasha Tokowicz, PhD
- 2011 **B.A., Psychology, *summa cum laude*** with departmental honors
Grinnell College, Grinnell IA

Current Position

- 9/2014-
present **Graduate Student Researcher**
Mentor: Natasha Tokowicz, PhD
Learning Research & Development Center, University of Pittsburgh
Behavioral and ERP research studies investigating morphosyntactic processing and translation ambiguity in second language learners.

Academic Honor

- 2015 Honorable Mention, NSF Graduate Research Fellowship Program

Journal Publications

- Nittrouer, S., Sansom, E., Low, K., Rice, C., & Caldwell-Tarr, A. (2014). Language structures used by kindergarteners with cochlear implants: Relationship to phonological awareness, lexical knowledge and hearing-loss. *Ear & Hearing, 35*, 506-518.
- Nittrouer, S., Caldwell-Tarr, A., Tarr, E., Lowenstein, J., Rice, C., & Moberly, A. (2013). Improving speech-in-noise recognition for children with hearing loss: Potential effects of language abilities, binaural summation, and head shadow. *International Journal of Audiology, 52*, 513-525.
- Rice, C., Fraundorf, S.H., Liburd, T., Tokowicz, N. (2015). *The polysemy advantage in lexical access: The role of context availability and orthographic neighborhood variables*. Manuscript in preparation.

Conference Presentations

- Nittrouer, S., Caldwell-Tarr, A., Rice, C., & Lowenstein, J. (2013, July). *Speech perception of second-grade children with cochlear implants: Comparison to typical children*. Poster session presented at the Conference on Implantable Auditory Prostheses, Lake Tahoe, CA.
- Rice, C., Tokowicz, N. Fraundorf, S.H., Liburd, T.L. (2015, November). *The polysemy advantage in lexical access: The role of context availability and orthographic neighborhood variables*. Poster session presented at the Psychonomic Society Annual Meeting, Chicago, IL.

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Teaching Experience

- Fall 2015 **Teaching Assistant**, PSY 0405: Learning and Motivation Lab
Department of Psychology, University of Pittsburgh
- Fall 2014 **Teaching Assistant**, PSY 0010: Introduction to Psychology
Department of Psychology, University of Pittsburgh
- Spring 2013 **Teaching Assistant**, CRP 3300: Participatory Planning
Department of City and Regional Planning, The Ohio State University
- Fall 2010 **Teaching Assistant**, PSY 113: Introduction to Psychology w/lab
Department of Psychology, Grinnell College

Research Experience

- 9/2013-
8/2014 **Research Associate**
Supervisor: Jennifer Dotson, MD, MPH
Nationwide Children's Hospital, Columbus, OH
Data management and analysis investigating racial, socioeconomic, and gender disparities in healthcare utilization and outcomes.
- 9/2011-
9/2013 **Research Associate**
Supervisor: Susan Nittrouer, PhD
Speech Development Lab, The Ohio State University
Behavioral studies of language and reading development of children with hearing loss and normal hearing.
- 8/2011-
12/2011 **Senior Independent Research**
Mentor: Janet Gibson, PhD
Department of Psychology, Grinnell College
Thesis: Bilingualism and Problem Solving
Behavioral studies of non-verbal problem solving abilities of early and late Spanish-English and Chinese-English bilinguals and English monolinguals.

Academic Service and Mentorship

- 2015 Hot Metal Bridge Post-Baccalaureate Program Mentor
- 2015 Undergraduate Research Assistant Coordinator, PLUM lab
- 2015 Department of Psychology Diversity Committee
- 2014-2015 Undergraduate Research Assistant Mentor (*Christopher Kincah, Andrew Rosse, Leqi Zhang, Qinyun Zhang*)

Advanced Statistical Training & Software Knowledge

Statistical software packages: R, SAS, SPSS, advanced Excel use

Statistical analyses: ANOVA, linear and logistic regression modeling, hierarchical linear modeling (HLM), linear mixed effects modeling (LME), non-parametric tests, longitudinal analyses

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Community Service

- 7/2013-
7/2014 **Innovation Fellow**, Forge Ahead: Grassroots Transportation Project
Founding member of the nonprofit Forge Columbus. Compiled comprehensive research report on the state of public transportation in central Ohio:
Rayburn, J.M., Neader, R., Rice, C., Durbin, T., & Dodson, A. (2015). *Forge Ahead: Columbus becomes a world class city with a world class transportation system* (Research Report No. 01). Columbus, OH: Forge Columbus.
- 2013 **Committee Member**, Citizen's Advisory Committee
Mid-Ohio Regional Planning Commission, Columbus OH
Attended monthly meetings, reviewed local and statewide transportation budgets and improvement proposals, and relayed information to general public.
- 2010 **ESL Tutor**, Sudanese Refugee Program, Grinnell College

Languages

English (native), Spanish (advanced), Arabic (conversational)