

Julie Gregg

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Education

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| 2017- | Postdoctoral Research Associate, Institute of Cognitive Science, University of Colorado, Boulder |
| 2012-2017 | Ph.D., Cognitive Psychology, Binghamton University, Binghamton, New York |
| 2010-2012 | B.S., Psychology (Minor: Mathematics), State University of New York College at Cortland, Cortland, New York |

Peer-Reviewed Publications

1. **Gregg, J.**, Upadhyay, S.S.N., Kuntzelman, K., Sacchi, E., & Westerman, D.L. (2019). Down memory lane and back to the future: Parallel attributions for past memories and future simulations. *Acta Psychologica*. 193, 96-104.
2. **Gregg, J.**, & Sajin, S. (2018). The use of phonological representations in guiding eye movements in the visual world paradigm. *Journal of Experimental Psychology: Learning, Memory, and Cognition*. 44(10), 1562–1579.
3. **Gregg, J.** & Inhoff, A.W. (2016). Misperception of orthographic neighbors during silent and oral reading. *Journal of Experimental Psychology: Human Perception and Performance*, 42(6), 799-820.
4. Inhoff, A.W., **Gregg, J.**, & Radach, R. (2018). Eye movement programming and reading accuracy. *Quarterly Journal of Experimental Psychology*. 71(1), 3–10.

Conference Proceedings (Juried)

1. Mattingly, S.M., **Gregg, J.**, Audia, P., [and 24 others] (Accepted). The Tesserae Project: Experiences with large-scale, longitudinal, in situ, multimodal sensing of information workers. CHI 2019.
2. Saha, K., Bayraktaroglu, E., [and 15 others, including **Gregg, J.**] (Accepted). Social media as a passive sensor in longitudinal studies of human behavior and wellbeing. CHI 2019.

Manuscripts

1. **Gregg, J.**, Inhoff, A.W., & Connine, C. M. (Under Revision). Re-reconsidering the role of temporal order in spoken word recognition.
2. **Gregg, J.**, Bixler, R., & D'Mello, S.K. (Under Review). What eye movements reveal about naturalistic reading comprehension of long, connected texts.
3. Mills, C., **Gregg, J.**, Bixler, R., & Sidney, S.K. (Under Review). Eye-Mind Reader: An intelligent reading interface that promotes long-term comprehension by detecting and responding to mind wandering.
4. **Gregg, J.** & Inhoff, A.W. (In Preparation). Neighbor frequency effects in visual word recognition: Lexical competition or occasional errors?

Honors & Awards

2017	Departmental Honors in Research, Binghamton University
2016-2017	Dissertation Fellowship, Binghamton University
2015-2016	Center for Cognitive and Psycholinguistic Sciences Fellowship, Binghamton University
2012	Psychology Research Award, State University of New York College at Cortland
2011, 2012	Psychology Academic Excellence Award, State University of New York College at Cortland

Conference Presentations

1. **Gregg, J.** & D'Mello, S. (2018, November). Predicting reading comprehension from eye movements. Poster presented at the 59th Annual Meeting of the Psychonomic Society, New Orleans, LA.
2. Kim, A., **Gregg, J.**, & Inhoff, A.W. (2018, November). Misperception of words during reading: An ERP analysis. Poster presented at the 59th Annual Meeting of the Psychonomic Society, New Orleans, LA.
3. Mills, C., **Gregg, J.**, Bixler, R. & D'Mello, S. (2018, November). A real-time mind wandering intervention during reading. Paper presented at the 48th Annual Meeting of the Society for Computers in Psychology, New Orleans, LA.
4. **Gregg, J.** & D'Mello, S. (2018, July). Predicting reading comprehension from eye gaze. Poster presented at the 40th Annual Cognitive Science Society Meeting, Madison WI.
5. **Gregg, J.** & Sajin, S. (2016, November). The use of phonological representations in guiding eye-movements in the visual world paradigm. Poster presented at the 57th Annual Meeting of the Psychonomic Society, Boston, MA.
6. **Gregg, J.**, Upadhyay, S.S.N., Kuntzelman, K., Sacchi, E., & Westerman, D.L. (2016, November). Parallel effects of task difficulty on remembering and forecasting. Poster presented at the 57th Annual Meeting of the Psychonomic Society, Boston, MA.

7. Inhoff, A.W., **Gregg, J.**, & Connine, C. M. (2016, November). Readers do not simulate the auditory perception of story characters. Paper presented at the 57th Annual Meeting of the Psychonomic Society, Boston, MA.
8. **Gregg, J.** & Connine, C.M. (2016, October). Re-reconsidering the role of temporal order in spoken word recognition. Poster presented at the 10th International Conference on the Mental Lexicon, Ottawa, ON.
9. **Gregg, J.**, Radach, R., & Inhoff, A.W. (2015, August). Orthographic similarity and relative frequency influence competition during visual word identification. Paper presented at the 18th European Conference on Eye Movements, Vienna, Austria.
10. Inhoff, A.W. & **Gregg, J.** (2015, August). Information update during reading is effective but not always accurate. Paper presented at the 18th European Conference on Eye Movements, Vienna, Austria.
11. **Gregg, J.** & Inhoff, A.W. (2014, November). Misidentification of words during oral reading. Poster presented at the 55th Annual Meeting of the Psychonomic Society, Long Beach, CA.
12. Inhoff, A.W. & **Gregg, J.** (2014, November). Misperception of visual words. Paper presented at the 55th Annual Meeting of the Psychonomic Society, Long Beach, CA.
13. **Gregg, J.** & Inhoff, A.W. (2014, March). Eye movement evidence for misidentification of words during reading. Paper presented at the 85th Annual Meeting of the Eastern Psychological Association, Boston, MA.
14. **Gregg, J.** & Inhoff, A.W. (2013, November). Eye movements and misidentification of words during reading. Poster presented at the 54th Annual Meeting of the Psychonomic Society, Toronto, ON.

Technical Research Skills

R
 SQL
 Eye-Tracking
 Predictive Modeling
 Linear Mixed Effects Modeling
 Human-Computer Interaction
 Qualtrics Survey Design

Workshops

Multilevel Modeling Workshop (2016, September), 56th Annual Meeting of the Society for Psychophysiological Research, Minneapolis, MN (Instructor: Dr. Jennifer Krull)

Permutation-Based Nonparametric Statistics (2016, January), Binghamton University, Binghamton, NY (Instructor: Dr. Sarah Laszlo)

Teaching Experience

Summer 2017	Lab in Perception (Instructor)
Summer 2015	General Psychology (Instructor)
Spring 2015	General Psychology (Teaching Assistant)
Fall 2014	Lab in Perception (Teaching Assistant)
Summer 2014; Summer 2016	Perception (Instructor)
Spring 2013	Statistical Analysis and Design (Teaching Assistant)
Fall 2012; Fall 2013	Lab in General Psychology (Teaching Assistant)

Professional Memberships

Psychonomic Society
 Society for Computers in Psychology
 Cognitive Science Society

Service

2018	Local Chair, ACM International Conference on Multimodal Interaction
2017	Ad-Hoc Reviewer, Psychophysiology
2016-2017	Treasurer, Psychology Graduate Student Organization
2016-2017	Graduate Student Liaison to the Director of Graduate Studies
2015-2016	President, Psychology Graduate Student Organization
2014-2015	Psychology Department Senator, Graduate Student Organization