Mengyang Qiu

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Education

University at Buffalo, The State University of New York

Ph.D., Communicative Disorders and Sciences	2016–2021(Expected)

Advisor: Brendan T. Johns, Ph.D.

M.S., Computational Linguistics	2018–2019

M.S. Project: Artificial Error Generation with Fluency Filtering
Advisor: Jungyeul Park, Ph.D.

M.A., General Linguistics	2013–2016

M.A. Project: Verb Aspect and the Activation of Location Information
Advisor: Jean-Pierre Koenig, Ph.D.

B.A., Psychology & Linguistics (Honors in Language and Cognition)	2010–2013

Honors and Awards

University at Buffalo, The State University of New York

Teaching Assistantship with Full Tuition Scholarship	2013–Present
GSA Conference Funding, $550	2018
New York State Graduate Student Employees Union Award, $2202.50	2015
Wolfgang Wölck Outstanding Graduating Senior Award, $250	2013
Dean's List	2010–2012

Publications

Qiu, M. & Johns, B. T. (in press). Semantic diversity in paired-associate learning: Further evidence for the information accumulation perspective of cognitive aging. *Psychonomic Bulletin & Review.*

Qiu, M. & Park, J. (2019). Artificial error generation with fluency filtering. *Proceedings of the 14th Workshop on Innovative Use of NLP for Building Educational Applications.*

Qiu, M., Chen, X., Liu, M., Parvathala, K., Patil, A. & Park, J. Improving precision of grammatical error correction with a cheat sheet. *Proceedings of the 14th Workshop on Innovative Use of NLP for Building Educational Applications.*

Qiu, M. & Johns, B. T. Memory searching pathway underlying verb fluency. Poster presented at the *2018 ASHA Convention.*

Min, H., Guo, L., Higginbotham, D. J., & **Qiu, M.** How does writing medium influence the operation of writing processes and writing quality? Poster presented at the *2018 ASHA Convention.*

Research Experience

University at Buffalo, The State University of New York

Graduate Research Assistant | PI: Brendan T. Johns, Ph.D.	2016–Present

Computational Language and Memory Lab
Department of Communicative Disorders and Sciences

Project Leader | Supervisor: Jungyeul Park, Ph.D.	Spring 2019

Grammatical Error Correction Project, Department of Linguistics

Graduate Research Assistant | PI: Christopher McNorgan, Ph.D. Summer 2017
  Computational Cognitive Neuroscience Lab, Department of Psychoplogy
Undergraduate Research Assistant | PI: Gail Mauner, Ph.D. 2012–2013
  Psycholinguistics Lab, Department of Psychoplogy
Undergraduate Research Assistant | PI: Paul Luce, Ph.D. Summer 2012
  Language Perception Lab, Department of Psaychology
Undergraduate Research Assistant | PI: Eon-Suk Ko, Ph.D. Summer 2011
  Child Language Development Project, Department of Linguistics

Teaching Experience

Teaching Assistant, University at Buffalo
Department of Communicative Disorders and Sciences 2016–Present
  CDS 151: Intro to Speech-Language Pathology and Audiology
  CDS 564: Language Disorders in Adults
  CDS 480/687: Disorders of Memory
Department of Linguistics 2013–2015
  CHI 101 & 102: First-Year Chinese

Professional Service

Student Reviewer | Journal of Speech, Language, and Hearing 2017
  Under the supervision of Ling-Yu Guo, Ph.D.

Technical Skills

Programming: Python, Java, Javascript
Statistics: R, Matlab, SPSS
Experiment: psiTurk, jsPsych, JATOS
NLP: PyTorch, Keras, SpaCy
Others: LaTeX, AWS, Google Cloud, Prolog, Praat