# Mengyang Qiu

122 Cary Hall, Buffalo, NY 14214
mengyang@buffalo.edu
https://mengyang.dev

## Education

**University at Buffalo, The State University of New York**

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|---|---:|
| **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**

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|---|---:|
| 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. (2020). Semantic diversity in paired-associate learning: Further evidence for the information accumulation perspective of cognitive aging. *Psychonomic Bulletin & Review, 27*(1), 114-121.

**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. (2019). 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. (2018). Memory searching pathway underlying verb fluency. Poster presented at the *2018 ASHA Convention.*

Min, H., Guo, L., Higginbotham, D. J., & **Qiu, M.** (2018). 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**

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|---|---:|
| **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