

# Mengyang Qiu

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<https://mengyang.dev>

## Education

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<b>University at Buffalo, The State University of New York</b>	
<b>Ph.D., Communicative Disorders and Sciences</b>	2016–2021(Expected)
Advisor: Brendan T. Johns, Ph.D.	
<b>M.S., Computational Linguistics</b>	2018–2019
M.S. Project: Artificial Error Generation with Fluency Filtering	
Advisor: Jungyeul Park, Ph.D.	
<b>M.A., General Linguistics</b>	2013–2016
M.A. Project: Verb Aspect and the Activation of Location Information	
Advisor: Jean-Pierre Koenig, Ph.D.	
<b>B.A., Psychology &amp; Linguistics (Honors in Language and Cognition)</b>	2010–2013

## Honors and Awards

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<b>University at Buffalo, The State University of New York</b>	
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

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- 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

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<b>University at Buffalo, The State University of New York</b>	
<b>Programmer</b>   PI: Thea Knowles, Ph.D.	Spring 2020
Clinical Applications of Speech Acoustics Lab	
Department of Communicative Disorders and Sciences	
<b>Project Leader</b>   Supervisor: Jungyeul Park, Ph.D.	Spring 2019
Grammatical Error Correction Project, Department of Linguistics	

<b>Graduate Research Assistant</b>   PI: Brendan T. Johns, Ph.D. Computational Language and Memory Lab Department of Communicative Disorders and Sciences	2016–2019
<b>Graduate Research Assistant</b>   PI: Christopher McNorgan, Ph.D. Computational Cognitive Neuroscience Lab, Department of Psychoplogy	Summer 2017
<b>Undergraduate Research Assistant</b>   PI: Gail Mauner, Ph.D. Psycholinguistics Lab, Department of Psychoplogy	2012–2013
<b>Undergraduate Research Assistant</b>   PI: Paul Luce, Ph.D. Language Perception Lab, Department of Psaychology	Summer 2012
<b>Undergraduate Research Assistant</b>   PI: Eon-Suk Ko, Ph.D. Child Language Development Project, Department of Linguistics	Summer 2011

## Teaching Experience

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

## Professional Service

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<b>Reviewer</b>   15th Workshop on Innovative Use of NLP for Building Educational Applications	2020
<b>Student Reviewer</b>   Journal of Speech, Language, and Hearing Under the supervision of Ling-Yu Guo, Ph.D.	2017

## Technical Skills

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**Programming:** Python, Java, Javascript  
**Statistics:** R, Matlab, SPSS  
**Experiment:** psiTurk, jsPsych, JATOS  
**NLP:** PyTorch, Keras, SpaCy  
**Others:** L<sup>A</sup>T<sub>E</sub>X, Git, Prolog, Praat