

KARL MULLIGAN

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EDUCATION	Johns Hopkins University – Baltimore, MD Ph.D. in Cognitive Science	2019-2024 (<i>expected</i>)
	Rutgers University – New Brunswick, NJ B.S. in Computer Science, Linguistics, Cognitive Science	2015-2019
	Universitat de València – Valencia, Spain Semester Exchange Program in Spanish Philology	Fall 2016
RESEARCH EXPERIENCE	Jelinek Workshop on Speech and Language Technology Center for Language and Speech Processing, Johns Hopkins University <i>Undergraduate Researcher</i> Principal Investigator: Lucia Specia	Summer 2018
	CSLI Summer Internship Program Center for the Study of Language and Information, Stanford University <i>Summer Research Intern</i> Principal Investigator: Noah Goodman	Summer 2017
	Aresty Summer Science Program Rutgers University – New Brunswick Principal Investigator: Karin Stromswold	Summer 2016
PEER-REVIEWED CONFERENCE PROCEEDINGS	Mulligan, K. , Frank, R., Linzen, T. (2021). Structure Here, Bias There: Hierarchical Generalization by Jointly Learning Syntactic Transformations. <i>Proceedings of the Society for Computation in Linguistics</i> .	
PEER-REVIEWED JOURNAL ARTICLES	Specia, L., Barrault, L., Caglayan, O., Duarte, A., Elliott, D., Gella, S., Holzenberger, N., Lala, C., Lee, S. J., Libovicky, J., Madhyastha, P., Metze, F., Mulligan, K. , Ostapenko, A., Palaskar, S., Sanabria, R., Wang, J., Arora, R. (2020). Grounded Sequence to Sequence Transduction. <i>IEEE Journal of Selected Topics in Signal Processing</i> , 14(3), 577–591.	
POSTERS AND PRESENTATIONS	Mulligan, K. , Hawkins, R.X.D., Fan, J. (2017). Communicating about objects in context. <i>Talk presented at the conclusion of the 4th Annual Center for the Study of Language and Information (CSLI) Summer Internship Program, Stanford, CA.</i>	
	Mulligan, K. , Rehrig, G., Mayro, A., DeLacy, P., Stromswold, K. (2017). Effects of verb stem lengthening by sentence construction. <i>Poster presented at the 11th Annual Rutgers Center for Cognitive Science (RuCCS) Perceptual Science Forum, New Brunswick, NJ.</i>	
WORKSHOPS	Summer School on Human Language Technology Johns Hopkins University, Baltimore, MD	June 2018
TEACHING	Semantics 1 , Teaching Assistant Johns Hopkins University	Fall 2021

Language and Thought, Teaching Assistant
Johns Hopkins University

Spring 2020

Phonology, Teaching Assistant
Johns Hopkins University

Spring 2021

AWARDS AND
HONORS

NSF Graduate Research Fellowship Program, Honorable Mention	<i>2020</i>
Paul Robeson Scholar , School of Arts and Sciences, Rutgers	<i>2019</i>
Award for Academic Excellence , Department of Linguistics, Rutgers	<i>2019</i>
Phi Beta Kappa	<i>2018-2019</i>
Dean's List (x8) , Rutgers	<i>2015-2019</i>
Alpha Delta Phi Literary Competition , 1st Prize	<i>2015</i>
Rutgers Presidential Scholarship (4-year full tuition, room, board)	<i>2015</i>
National Merit Scholar	<i>2015</i>

SKILLS

Natural Languages: English, Spanish, French, Mandarin Chinese (spoken)
Programming Languages: Python, Javascript, C, SQL, R, Markdown
Libraries: PyTorch, NLTK
Miscellaneous: Unix Shell, Git, L^AT_EX, Jupyter, Mechanical Turk, Praat

Last updated August 31, 2021