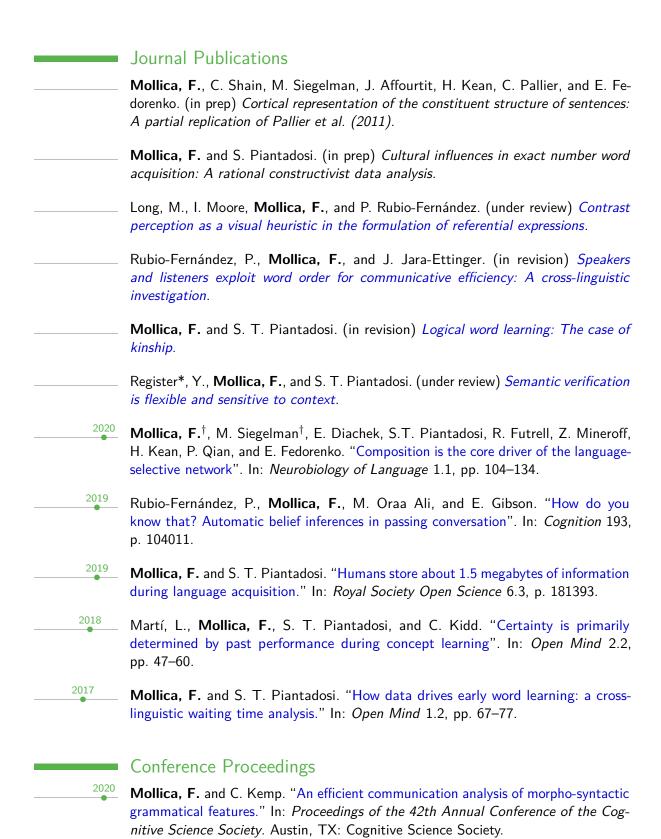
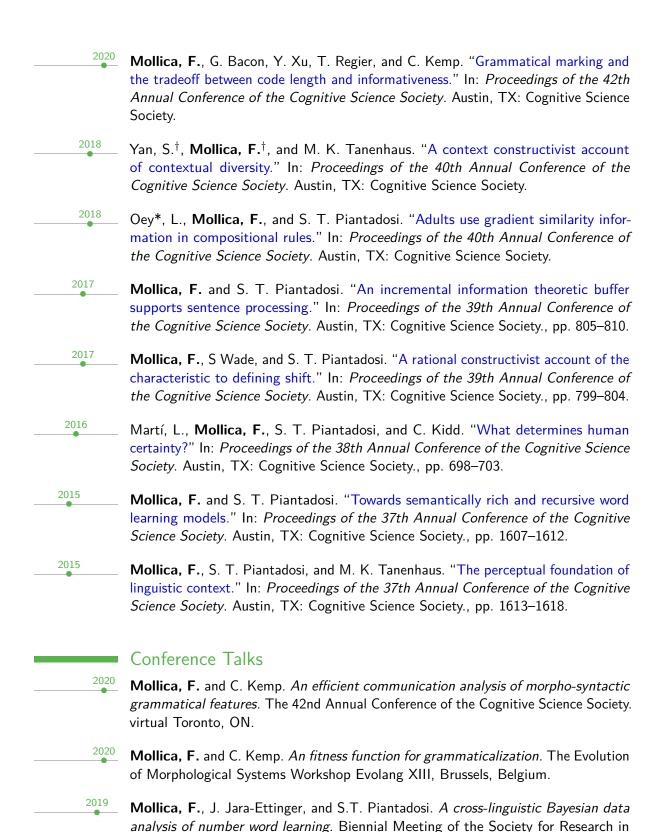
## Francis Mollica

	Employment
2020	Lecturer in Computational Cognitive Science, School of Informatics, University of Edinburgh, Scotland.
2020	Postdoctoral Research Fellow, University of Melbourne.
	Education
2014	PhD Brain and Cognitive Sciences, University of Rochester, Rochester, NY.
2014	MA Brain and Cognitive Sciences, University of Rochester, Rochester, NY.
2010	BA Linguistics, University at Buffalo, Buffalo, NY.
2010	BS Psychology, University at Buffalo, Buffalo, NY.
	Honors and Awards
2020	The Pip Pattison Early Career Research Award, University of Melbourne.
2018	Student Travel Award, CUNY Sentence Processing.
2017	Student Travel Award, Cognitive Science Society.
2016	Honorable Mention, NSF Graduate Research Fellowship Program.
2015	Student Travel Award, Cognitive Science Society.
2015	Honorable Mention, NSF Graduate Research Fellowship Program.
2014	Outstanding Senior Award, Dept. of Linguistics, University at Buffalo.
2012	Grace W. Capen Academic Award, University at Buffalo.
	Funding
2017	Donald M. and Janet C. Bernard Fellowship, University of Rochester.
2015	Discover Grant, University of Rochester.
2010	Provost Scholarship, University at Buffalo.
2014 2014 2014	Johnson Controls Foundation Scholarship.





Child Development. Baltimore, MD.

2018	Yan, S. <sup>†</sup> , <b>Mollica, F.</b> <sup>†</sup> , and M. K. Tanenhaus. <i>A context constructivist account of contextual diversity.</i> The 40th Annual Conference of the Cognitive Science Society. Madison, WI.
2018	Oey*, L., <b>Mollica, F.</b> , and S. T. Piantadosi. <i>Adults use gradient similarity information in compositional rules</i> . The 40th Annual Conference of the Cognitive Science Society. Madison, WI.
2018	Oey*, L., <b>Mollica, F.</b> , and S. T. Piantadosi. <i>Like a horse but striped: Combining similarity and rules in conceptual representation.</i> The 32nd Annual National Conference on Undergraduate Research. Oklahoma City, OK.
2018	<b>Mollica, F.</b> <sup>†</sup> , S. Yan <sup>†</sup> , and M.K. Tanenhaus. <i>A context constructivist account of contextual diversity.</i> The 31st CUNY Sentence Processing Conference. Davis, CA.
2017	<b>Mollica, F.</b> and S.T. Piantadosi. <i>An incremental information theoretic buffer supports sentence processing.</i> The 39th Annual Conference of the Cognitive Science Society. London, UK.
2017	<b>Mollica, F.</b> , S. Wade, and S.T. Piantadosi. <i>A rational constructivist account of the characteristic to defining shift</i> . The 39th Annual Conference of the Cognitive Science Society. London, UK.
2017	<b>Mollica, F.</b> and S.T. Piantadosi. <i>An incremental information theoretic buffer supports sentence processing.</i> The 30th CUNY Sentence Processing Conference. Cambridge, MA.
2015	<b>Mollica, F.</b> and S.T. Piantadosi. <i>Characterizing data-driven word learning: A cross-linguistic analysis.</i> More on Development. Columbus, OH.
2015	<b>Mollica, F.</b> , S.T. Piantadosi, and M.K. Tanenhaus. <i>The perceptual foundation of linguistic context.</i> The 37th Annual Conference of the Cognitive Science Society. Los Angeles, CA.
	Thesis
2019	<b>Mollica, F.</b> "The Human Learning Machine: Rational Constructivist Models of Conceptual Development". PhD thesis. University of Rochester.
* supervised undergraduate researcher † co-authored work (equal contribution)	
	Teaching
2018	BCS 259: Language Development, <i>Teaching Assistant</i> , Spring, University of

BCS 153: Cognition, Teaching Assistant, Spring, University of Rochester

Rochester

2017

2016	BCS 310: Senior Seminar, Co-Instructor, Fall, University of Rochester
2016	Building the Language Machine: An Intro to Computational Linguistics, <i>Instructor</i> , Summer, Rochester Scholars Program
2016	BCS 153: Cognition, Teaching Assistant, Spring, University of Rochester
2015	The Language Scientist: Linguist, Psychologist, Computer Scientist, <i>Instructor</i> , Summer, Rochester Scholars Program
2013	LIN 207: Language, Society and the Individual, <i>Teaching Assistant</i> , Fall, University at Buffalo
2013	PSY 207: Psychological Statistics, <i>Teaching Assistant</i> , Summer, University at Buffalo

## Professional Activities

## Editorial

2020-present: Associate Editor at Collabora Psychology

2020-present: Program committee for Cognitive Science Conference

## Reviewing

**Journals:** Behavioral Research Methods, Cognition, Language, Cognition & Neuroscience, Morphological Typology and Linguistic Cognition, Nature Human Behavior, PLOS One

Conferences: ACL, CogSci, COLING, CUNY

	Selected Talks
2019	The Human Learning Machine: Computational Models of Conceptual Development Computational Cognitive Development Group Rutgers University, July, 2019
2018	The Human Learning Machine: Computational Models of Conceptual Development Computation and Cognitive Development Lab Yale, April, 2018
2018	Simplicity, data and inter-related systems: A computational account of kinship term acquisition. Children's Acquisition of Kinship Knowledge: Theory and Method Workshop University of Bristol, January, 2018
2017	An information-theoretic buffer supports language processing. The Computational Psycholinguistics Lab $MIT$ , November, 2017
2017	A contextual diversity hypothesis of lexical retrieval in online language processing. The Language Lab MIT, October, 2017
2017	How data drives word learning: A cross-linguistic analysis. The Language Lab $\it MIT$ , September, 2017