## 416 Meliora Hall Rochester, NY 14627 ⋈ mollicaf@gmail.com

## Francis Mollica

	Education
2014	PhD Brain and Cognitive Sciences, University of Rochester, Rochester, NY.
2014	<b>MA Brain and Cognitive Sciences</b> , <i>University of Rochester</i> , Rochester, NY. Committee: Steven Piantadosi, Michael Tanenhaus, Robbie Jacobs (chair)
2010	<b>BA Linguistics</b> , <i>University at Buffalo</i> , Buffalo, NY. Language and Cognition Concentration
2010	BS Psychology, University at Buffalo, Buffalo, NY.
	Honors and Awards
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.
2010	Johnson Controls Foundation Scholarship.
	Journal Publications
2017	Mollica, Francis and Steven T Piantadosi. "How data drives early word learning: a cross-linguistic waiting time analysis." In: <i>Open Mind</i> .
	Conference Proceedings
2017	Mollica, Francis and Steven T Piantadosi. "An incremental information theoretic buffer supports sentence processing." In: <i>Proceedings of the 39th Annual Meeting of the Cognitive Science Society</i> . Austin, TX: Cognitive Science Society.

2017	Mollica, Francis, Shirlene Wade, and Steven T Piantadosi. "A rational constructivist account of the characteristic to defining shift." In: <i>Proceedings of the 39th Annual Meeting of the Cognitive Science Society</i> . Austin, TX: Cognitive Science Society.
2016	Martí, Louis, Francis Mollica, Steven T Piantadosi, and Celeste Kidd. "What determines human certainty?" In: <i>Proceedings of the 38th Annual Meeting of the Cognitive Science Society</i> . Austin, TX: Cognitive Science Society, pp. 698–703.
2015	Mollica, Francis and Steven T Piantadosi. "Towards semantically rich and recursive word learning models." In: <i>Proceedings of the 37th Annual Meeting of the Cognitive Science Society</i> . Austin, TX: Cognitive Science Society., pp. 1607–1612.
2015	Mollica, Francis, Steven T Piantadosi, and Michael K Tanenhaus. "The perceptual foundation of linguistic context." In: <i>Proceedings of the 37th Annual Conference of the Cognitive Science Society</i> . Austin, TX: Cognitive Science Society., pp. 1613–1618.
	Conference Talks
2017	Mollica, Francis and Steven T Piantadosi. <i>An incremental information theoretic buffer supports sentence processing.</i> 37th Annual Conference of the Cognitive Science Society. London, UK.
2017	Mollica, Francis, Shirlene Wade, and Steven T Piantadosi. <i>A rational constructivist account of the characteristic to defining shift.</i> 37th Annual Conference of the Cognitive Science Society. London, UK.
2017	Mollica, Francis and Steven T Piantadosi. <i>An incremental information theoretic buffer supports sentence processing</i> . 30th CUNY Sentence Processing Conference. Cambridge, MA.
2015	Mollica, Francis and Steven T Piantadosi. <i>Characterizing data-driven word learning: A cross-linguistic analysis.</i> More on Development. Columbus, OH.
2015	Mollica, Francis, Steven T Piantadosi, and Michael K Tanenhaus. <i>The perceptual foundation of linguistic context</i> . 37th Annual Conference of the Cognitive Science Society. Los Angeles, CA.
	Conference Posters

Mollica, Francis, Steven T Piantadosi, and Michael K Tanenhaus. *The perceptual foundation of linguistic context.* The 28th CUNY Sentence Processing Conference.

2015

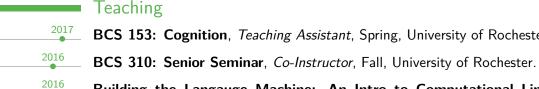
Los Angeles, CA.

2016	

Galette, Claude, Francis Mollica, and Rajeev Raizada. Unconvering the representation of ambiguous words. 30th Anniversary National Conference on Undergraduate Research. Asheville, NC.

## Unpublished Manuscripts

Mollica, Francis and Steven T Piantadosi. (in prep) Information theoretic bounds on human knowledge of language.



**Teaching** 

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

Building the Langauge Machine: An Intro to Computational Linguistics, Instructor, Summer, Rochester Scholars Program.

2016 2015

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

The Language Scientist: Linguist, Psychologist, Computer Scientist, Instructor, Summer, Rochester Scholars Program.

2013

2013

LIN 207: Language, Society and the Individual, Teaching Assistant, Fall, University at Buffalo.

PSY 207: Psychological Statistics, Teaching Assistant, Summer, University at



Behavioral Research Methods

Proceedings of the Annual Meeting of the Cognitive Science Society