416 Meliora Hall Rochester, NY 14627 Francis Mollica Mollic

	Education
2014	PhD Brain and Cognitive Sciences, University of Rochester, Rochester, NY.
2014	MA Brain and Cognitive Sciences, <i>University of Rochester</i> , Rochester, NY. Committee: Steven Piantadosi, Michael Tanenhaus, Robbie Jacobs (chair)
2010	BA Linguistics , <i>University at Buffalo</i> , Buffalo, NY. Language and Cognition Concentration
2010	BS Psychology, University at Buffalo, Buffalo, NY.
	Honors and Awards
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.
2010	Johnson Controls Foundation Scholarship.
	Journal Publications
	Rubio-Fernández, P., Mollica, F. , M. Oraa Ali, and E. Gibson. (in prep) <i>How do you know that? Automatic belief inferences in passing conversation.</i>
	Mollica, F. [†] , M. Siegelman [†] , E. Diachek, S.T. Piantadosi, R. Futrell, Z. Mineroff, and E. Fedorenko. (submitted) <i>High local mutual information drives the response in the human language network</i> .





Rubio-Fernández, P. and **Mollica, F.** *Incremental contrasts: Why spotting a blue triangle is different in English than in Spanish.* The 31st CUNY Sentence Processing

Conference. Davis, CA.

Mollica, F. and E. Gibson. Towards a psychological evaluation metric for semantic representations. The 31st CUNY Sentence Processing Conference. Davis, CA. 2016 Galette, C.*, Mollica, F., and R. Raizada. Unconvering the representation of ambiguous words. The 30th Annual National Conference on Undergraduate Research. Asheville, NC. 2015 Mollica, F., S.T. Piantadosi, and M.K. Tanenhaus. The perceptual foundation of linguistic context. The 28th CUNY Sentence Processing Conference. Los Angeles, CA. * supervised undergraduate researcher † co-authored work (equal contribution) Departmental/Colloquia/Invited Talks , 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 MIT, September, 2017. 2016 Formalizing conceptual development: The case of kinship. NRT Mini-Conference University of Rochester, September, 2016. 2016 , How data drives word learning: A cross-linguistic analysis. Evolution and Development Talk Series University of Rochester, April, 2016. **Teaching** 2018 BCS 259: Language Development, Teaching Assistant, Spring, University of Rochester. 2017 BCS 153: Cognition, Teaching Assistant, Spring, University of Rochester. 2016 BCS 310: Senior Seminar, Co-Instructor, Fall, University of Rochester. 2016 Building the Language Machine: An Intro to Computational Linguistics, Instructor, Summer, Rochester Scholars Program.

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

tor, Summer, Rochester Scholars Program.

The Language Scientist: Linguist, Psychologist, Computer Scientist, Instruc-

2016

2015

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

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

Ad-hoc Reviewing

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

Conferences: CogSci, COLING