

Micha Elsner

Department of Linguistics Email: melsner0@gmail.com
Oxley Hall, 1712 Neil Ave. Web: www.ling.ohio-state.edu/~melsner
Columbus, OH 43210 USA

Education

Ph.D. in Computer Science, Brown University,
Dept. of Computer Science, Providence, RI. (2005-January 2011)

Sc.M. in Computer Science, Brown University,
Dept. of Computer Science, Providence, RI. (2007)

B.Sc. in Computer Science, BA in Classics, (summa cum laude),
University of Rochester, Rochester, NY. (2001-2005)

Research Appointments

Associate Professor, The Ohio State University, Department of Linguistics,
Columbus, Ohio. (August 2018-present)

Assistant Professor, The Ohio State University, Department of Linguistics,
Columbus, Ohio. (August 2012-2018)

Postdoctoral researcher, University of Edinburgh, School of Informatics,
Edinburgh, Scotland, UK. (February 2011-August 2012)

Graduate research assistant, Brown University, Dept. of Computer Science,
Providence, RI. (2005-January 2011)

Undergraduate research assistant, Natural language processing group,
University of Rochester, Rochester, NY. (2004-2005)

Publications

Dissertation

Generalizing local coherence models. Brown University, January 2011.

Journal Papers

[J1]Micha Elsner, Alasdair Daniel Francis Clarke, and Hannah Rohde. *Visual complexity and its effects on referring expression generation*. *Cognitive Science*, MS:12507, 2017.

[J2]Alasdair Daniel Francis Clarke, Micha Elsner, and Hannah Rohde. *Giving good directions: order of mention reflects visual salience*. *Frontiers in Psychology (Models of reference)*, December 2015.

[J3]Micha Elsner. *Abstract representations of plot structure*. *Linguistic Issues in Language Technology (LILT)*, 12, 2015.

[J4]Alasdair Daniel Francis Clarke, Micha Elsner, and Hannah Rohde. *Where's Wally: The influence of visual salience on referring expression generation*. *Frontiers in Psychology*, 4(329), 2013.

[J5]Micha Elsner and Eugene Charniak. *Disentangling chat*. *Computational Linguistics*, 36(3), 2010.

Selected Conference Papers

[C1]Cory Shain and Micha Elsner. *Measuring the perceptual availability of phonological features during language acquisition using unsupervised binary stochastic autoen-*

coders. In Proceedings of NAACL, pages 69–85, Minneapolis, Minnesota, June 2019. Association for Computational Linguistics.

- [C2]Kasia Hitczenko, Reiko Mazuka, Micha Elsner, and Naomi H Feldman. *How to use context to disambiguate overlapping categories: The test case of Japanese vowel length*. In Proceedings of the Cognitive Science Society, volume 40, 2018.
- [C3]Micha Elsner and Cory Shain. *Speech segmentation with a neural encoder model of working memory*. In Proceedings of the 2017 Conference on Empirical Methods in Natural Language Processing, pages 1070–1080, 2017.
- [C4]Micha Elsner and Kiwako Ito. *An automatically aligned corpus of child-directed speech*. In Proceedings of Interspeech, 2017.
- [C5]Micha Elsner, Stephanie Antetomaso, and Naomi Feldman. *Joint word segmentation and phonetic category induction*. In Proceeding of the Association for Computational Linguistics (ACL), 2016.
- [C6]Herman Kamper, Micha Elsner, Aren Jansen, and Sharon Goldwater. *Unsupervised neural network based feature extraction using weak top-down constraints*. In Proceedings of the International Conference on Acoustics, Speech and Signal Processing (ICASSP), 2015.
- [C7]Micha Elsner, Hannah Rohde, and Alasdair D.F. Clarke. *Information structure prediction for visual-world referring expressions*. In Proceedings of the European Association for Computational Linguistics (EACL), April 2014.
- [C8]Marten van Schijndel and Micha Elsner. *Bootstrapping into filler-gap: An acquisition story*. In Proceedings of the Association for Computational Linguistics (ACL), June 2014.

Selected Workshop Papers and Conference Abstracts

- [W1]Syed-Amad Hussain, Micha Elsner, and Amanda Miller. *Lexical Networks in !Xung*. In Proceedings of SigMorphon, 2018.

Selected Service

Publications co-chair: *Responsible for manuscript formatting*. EMNLP 2018-19.

Area co-chair: *One of two area chairs overseeing reviews and ranking papers for acceptance*. NAACL 2016, EACL 2014 (discourse and dialogue), ACL 2014 (discourse and pragmatics).

Workshop co-chair: *One of two program chairs responsible for proposing and organizing a workshop*. SIGMORPHON 2016.

Selected Teaching

Courses

Instructor, Models of Morphological Learning and Change: *Graduate seminar*. (2018)

Instructor, Statistical Natural Language Processing: *Graduate lecture*. (2013-18)

Selected Honors and Grants

Cognitively inspired deep Bayesian neural networks for unsupervised speech recognition, Google Faculty Fellowship. (2019)

(with Naomi Feldman): *Cognitive models of the acquisition of vowels in context*, NSF Robust Intelligence / Computational Cognitive Science. (2014)

Columbus, June 13, 2019