

## Eva Portelance

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<b>Research Interests</b>	Language Learning Models; Grammar Formalisms; Theoretical Syntax; Computational Linguistics; Language Acquisition.
<b>Education</b>	Ph.D., Linguistics, <i>Stanford University</i> 2017 - ... B.A. (Hons.), Linguistics, Computer Science (minor) <i>McGill University</i> 2014 - 2017 College Diploma, Textile Design <i>Vieux Montreal College</i> 2010 - 2013
<b>Internships</b>	Reinforcement learning, <i>Microsoft Research Montreal</i> 2020
<b>Institutes and Workshops</b>	Workshop on Grammar Induction, <i>McGill University</i> 2019 Diverse Intelligence Summer Institute, <i>St. Andrews University</i> 2018
<b>Honors and Awards</b>	<b>Graduate</b> SSHRC Doctoral Fellowship 2018 Diverse Intelligences Summer Institute fellowship 2018 Joseph-Armand Bombardier Canada Graduate Scholarship (declined) 2017 Rhodes Scholarship Finalist 2017  <b>Undergraduate</b> Dean's Honour List <i>McGill University</i> 2015, 2016, 2017 U2 Academic Achievement Award <i>Linguistics Dept., McGill University</i> 2016 Arts Research Internship Award <i>McGill University</i> 2016 Internship Award <i>txtLab@McGill</i> 2015, 2016 Regroupement des fondations collegiales de Montreal Scholarship 2013 Highest Academic Achievement Award <i>Vieux Montreal College</i> 2012, 2013
<b>Publications</b>	<b>Portelance, E.</b> , J. Degen, M. C. Frank (2020). Predicting Age of Acquisition in Early Word Learning Using Recurrent Neural Networks. <i>Proceedings of CogSci 2020</i> . <b>Portelance, E.</b> (2020). Genuine Verb stranding VP-ellipsis in Lithuanian. <i>Proceedings of the 50th Annual Meeting of the North East Linguistic Society</i> . <b>Portelance, E.</b> and A. Piper. (2016). How Cultural Capital Works: Prizewinners, Bestsellers, and the Time of Reading. <i>Post-45</i> .
<b>Technical Reports</b>	<b>Portelance, E.</b> , A. Bruno, L. Bergen, T. J. O'Donnell. (2019). Grammar Induction for Minimalist Grammars using Variational Bayesian Inference. <i>arXiv:1710.11350</i> Harasim, D., A. Bruno, <b>E. Portelance</b> , T. J. O'Donnell. (2018). A generalised parsing framework for Abstract Grammars. <i>arXiv:1710.11301</i>

## Presentations and Posters

- Portelance, E.**, J. Degen, M. C. Frank. (2020). *Predicting Age of Acquisition in Early Word Learning Using Recurrent Neural Networks*. Presentation at CogSci 2020, Virtual.
- Portelance, E.**, J. Degen, M. C. Frank. (2020). *Using neural network language models to predict age of acquisition for early vocabulary*. Presentation at the International Conference for Infant Studies, Virtual.
- Portelance, E.**, G. Kachergis, M.C. Frank. (2019). *Comparing memory-based and neural network models of early syntactic development*. Poster presentation at the Boston University Conference on Language Development, Boston, MA.
- Portelance, E.** (2019). *Genuine Verb stranding VP-ellipsis in Lithuanian*. Presentation at the 50th Annual Meeting of the North East Linguistic Society, Cambridge, MA.
- Portelance, E.** (2019). *Verb stranding ellipsis in Lithuanian: verbal identity and head movement*. Presentation at the Syntax & Semantics circle, UC Berkeley.
- Portelance, E.**, A. Bruno, D. Harasim, L. Bergen, T. J. O'Donnell. (2018). *A Framework for Lexicalized Grammar Induction Using Variational Bayesian Inference*. Poster presentation at the Learning Language in Humans and Machines conference, Paris.
- Portelance, E.** (2018). *On the move: Free word order in Lithuanian*. Presentation at the Association for the Advancement of Baltic Studies Conference. Stanford.
- Portelance, E.**, A. Bruno, and T. J. O'Donnell. (2017). *Unsupervised induction of natural language dependency structures*. Poster presentation at the Montreal AI Symposium, Montreal.
- Portelance, E.** and A. Piper. (2017). Understanding Narrative: Computational approaches to detecting narrative frames [poster]. In proceedings of *Digital Humanities Conference 2017*. Montreal.

## Teaching and Mentoring

### Stanford University

- TA for *Introduction to Linguistics* with Katherine Hilton Fall 2020
- Consultant at the Social Science Data Software (SSDS) Resource Center 2019 - 2020
- TA for *Introduction to Psycholinguistics* with Judith Degen Fall 2019
- Corpus TA AY 2018 - 2019

### McGill University

- Mentor *Syntax 1* with Junko Shimoyama Winter 2016

## Academic Service

- Cognitive Science Seminar Administrator, *Stanford University* 2019 - 2021
- Graduate Students' Representative, *Department of Linguistics* AY 2019 - 2020
- Colloquium committee, *Department of Linguistics* AY 2018 - 2019
- Editor on *Formal Approaches to Slavic Linguistics 27* proceedings AY 2018 - 2019
- Graduate Studies Committee, *Department of Linguistics* 2018
- Friday Social Committee, *Department of Linguistics* AY 2017 - 2018

## Programming Languages

- Proficient:* Python, Julia, R.
- Some experience:* Java, WebPPL, F#.

## Languages

- English (native), French (native), Lithuanian (intermediate), Spanish (intermediate), Russian (beginner/for research)

**Principal  
Collaborators**

Michael C. Frank, Dan Jurafsky, Judith Degen, Romain Laroche, Alessandro Sordoni,  
Vera Gribanova, Timothy J. O'Donnell, Leon Bergen, Mika Braginsky.