Barend François Beekhuizen

A.   Bibliographical Information

1. Personal

Date of birth	January 7, 1987
Place of birth	The Hague, The Netherlands
Nationality	Dutch and Canadian
Home address	35 Rusholme Rd.
	M6J 3H3, Toronto, ON
Telephone	+ 1 (647) 580-5514
Office address	3359 Mississauga Rd. N
	Maanjiwe Nendamowinan, Room 4138
	L5L 1C6, Mississauga, ON
Telephone	+1 (905) 569-4715
Email address	barend.beekhuizen@utoronto.ca
Website	www.cs.toronto.edu/~barend

2. Degrees

- **Leiden University and University of Amsterdam** September 2010-September 2015
  Ph.D., Linguistics (cum laude): Constructions Emerging *(supervisors: Arie Verhagen and Rens Bod)*
- **Leiden University** September 2007 – August 2010
  Research master, Linguistics (cum laude)
- **Leiden University** September 2004 – August 2007
  Bachelor of Arts, Dutch Language and Culture

3. Employment

- **University of Toronto Mississauga, Department of Language Studies** July 2018- present
  Assistant professor
  - Graduate appointment at the Department of Linguistics, University of Toronto
  - Cross-appointment (status only) at the Department of Computer Science, University of Toronto.

- **University of Toronto, Department of Computer Science** March 2015- June 2018
  Post-doctoral researcher
- **Leiden University, Leiden University Centre for Linguistics** September 2013 - August 2015
  Lecturer
- **Leiden University, Leiden University Centre for Linguistics** September 2010 - February 2015
  PhD candidate
  - Affiliated with the Institute for Logic, Language and Computation at the University of Amsterdam

4. Honours

- Outstanding Reviewer Award from the Association for Computational Linguistics (2023).

- Winner of the Best Paper Award for Research Inspired by Human Language Learning and Processing at the Conference for Natural Language Learning for Rabinovich et al. (2020).

- AVT/ANéLA (Dutch Linguistics Society) Winner of the annual best dissertation award (2017; EUR 1000).

5. Professional Affiliations and Activities

Affiliations:

- (2013–present) Member of the Cognitive Science Society;

- (2018– present) Member of the Association for Computational Linguistics;

- (2019–present) Member of the Societas Linguistica Europaea;

- (2023–present) Member of the Canadian Linguistics Association

Activities:

- Journal manuscript reviewer for *Cognition, Cognitive Science, Languages, Journal of Child Language, Language & Cognition, Linguistic Typology at the Crossroads, Cognitive Psychology,* Journal *of Experimental Psychology: Learning, Memory and Cognition, Nederlandse Taalkunde/Dutch Linguistics, Canadian Journal of Psychology, PLOS-One, Frontiers in Psychology, Glossa Psycholinguistics, Journal of Memory and Language, Humanities and Social Sciences Review Communications.*

- Reviewer of book chapters in *The Evolution of Social Communication in Primates. A Multidisciplinary Approach* (2013; eds. Marco Pina, Nathalie Gontier) and *Computational approaches to semantic change* (2021; eds. Nina Tahmasebi, Lars Borin, Adam Jatowt, Yang Xu, Simon Hengchen).

- (Meta-)reviewer of conference proceedings papers for the Annual Meeting of the Cognitive Science Society (2015–present),

- Reviewer of conference proceedings papers for the conferences of the Association for Computational Linguistics (2015–present),

- Reviewer of conference proceedings papers for Linguistics in the Netherlands, EvoLang, LChange, Society for Computation in Linguistics

- Grant reviewer for the Flemish Organization for Scientific Research (FWO), University of Toronto Scarborough Clusters of Scholarly Prominence, SSHRC Impact Award, ERC Consolidator Grant, Canada Foundation for Innovation John R. Evans Leaders Fund, University of Toronto Data Science Institute postdoctoral fellowships.

- Co-organizer of a two-day workshop *Modeling the Mechanisms* at the Eighth International Conference on Construction Grammar in 2015.

- Co-organizer of a local one-day workshop on learnability and computational models of language acquisition at the University of Amsterdam in 2015.

- Editorial secretary for *Nederlandse Taalkunde/Dutch Linguistics* (September 2011-July 2015).

B.   Academic History

6.i. Research Endeavours

- Computational cross-linguistic lexical semantics and pragmatics: developing computational techniques to study variation in word meaning and usage across languages.

- (Computational) interactional lexical pragmatics: developing computational techniques and applying qualitative methods to study lexical choice situated in social, discursive, and pragmatic contexts.

6.ii. Research Awards

- **UCL – UofT Strategic Challenges Fund (co-PI, PIs: Blair Armstrong, Jennifer Rodd)** 2025
  How are word meanings learned, represented, and processed? CAD 15,000
- **Data Science Institute Catalist Award (co-Principal Investigator with Suzanne Stevenson)** 2023-2026
  A computational sociolinguistic approach for studying gender inequities in social media interactions CAD 88,675
- **Connaught New Researcher Award (Principal Investigator)** 2019–2021
  Word Meaning in Action CAD 20,000
- **NSERC Discovery Grant (Principal Investigator)** 2019–2025
  Computational models of word meaning in use CAD 170,500
- **Glushko and Samuelson Foundation: Student Travel Grant** 2014
  For the CogSci conference paper 'Learning Meaning without Primitives' USD 500
- **NWO Promoties in de geesteswetenschappen (Dutch governmental PhD grant)** 2010–2014
  Constructions Emerging EUR 180,000

C. Scholarly and Professional Work

7. Refereed Publications

Journal articles

J10 Jackson, S., Beekhuizen, B., Zhao, Z., & McEwen, R. (2024). GPT-4-trinis: assessing GPT-4's communicative competence in the English-speaking majority world. *AI and Society*, *40*, 1785–1801.

J9 Beekhuizen, B., Blumenthal, M., Jiang, L., Pyrtchenkov, A., & Savevska, J. (2023). Truth be told. a corpus-based study of adjectives of truth and reality across languages. *Corpus Linguistics and Linguistic Theory*.

J8 Beekhuizen, B., & Thompson, S. A. (2022). 'Something that's very American': The interactional role of light-head relative clauses. *Discourse Studies*, *24*(2).

J7 Beekhuizen, B., Armstrong, B. C., & Stevenson, S. (2021). Probing lexical ambiguity: Word vectors encode number and relatedness of senses. *Cognitive Science*, *45*(5), e12943.

J6 Rice, C., Beekhuizen, B., Stevenson, S., & Armstrong, B. (2018). Meaning dominance norms for homonyms from free associations and subtitles. *Behavior Research Methods*, *51*, 1399–1425.

J5 Beekhuizen, B., & Stevenson, S. (2018). More than the eye can see: A computational model of color term acquisition and color discrimination. *Cognitive Science*, *32*, 2699–2734.

J4 Beekhuizen, B. (2016b). De zijnsstatus van de afhankelijke V1-constructie in het Nederlands. (the ontological status of the dependent verb-first construction in Dutch). *Nederlandse Taalkunde/Dutch Linguistics*, *21*(1), 33–59.

J3 Beekhuizen, B. (2016a). De taalgebruiker, de betekenis en de afhankelijke V1-constructie. (language user, meaning, and the dependent verb-first construction). *Nederlandse Taalkunde/Dutch Linguistics*, *21*(1), 81-91.

J2 Beekhuizen, B., Bod, R., & Verhagen, A. (2014). The linking problem is a special case of a general problem none of us has solved. *Linguistics*, *90*(3), e91–e96.

J1 Beekhuizen, B., Zuidema, J., & Bod, R. (2013). Three design principles of language: The search for parsimony in redundancy. *Language and Speech*, *56*(2), 265–290.

Peer-reviewed conference proceedings papers

P28 Rognan, H. S., & Beekhuizen, B. (2025). A discovery procedure for synlexification patterns in the world's languages. In *The 7th workshop on research in computational linguistic typology and multilingual nlp.*

P27 Beekhuizen, B. (2025c). Token-level semantic typology without a massively parallel corpus. In *The 7th workshop on research in computational linguistic typology and multilingual nlp.*

P26 Beekhuizen, B. (2025b). VORM: Translations and a constrained hypothesis space support unsupervised morphological segmentation across languages. In *29th conference on computational natural language learning (conll 2025).*

P25 Beekhuizen, B. (2025a). Spatial relation marking across languages: extraction, evaluation, analysis. In *29th conference on computational natural language learning (conll 2025).*

P24 Watson, J., Lee, S. S., Beekhuizen, B., & Stevenson, S. (2025, January). Do language models practice what they preach? examining language ideologies about gendered language reform encoded in LLMs. In O. Rambow, L. Wanner, M. Apidianaki, H. Al-Khalifa, B. D. Eugenio, & S. Schockaert (Eds.), *Proceedings of the 31st international conference on computational linguistics* (pp. 1201–1223). Abu Dhabi, UAE: Association for Computational Linguistics. Retrieved from `https://aclanthology.org/2025.coling-main.80/`

P23 van Dijk, B., van Duijn, M., Kloostra, L., Spruit, M., & Beekhuizen, B. (2024). Using a language model to unravel semantic development in children's use of a dutch perception verb. In M. Zock, E. Chersoni, Y.-Y. Hsu, & S. de Deyne (Eds.), *Proceedings of the workshop on cognitive aspects of the lexicon (cogalex)* (pp. 98–106). Torino, Italia: ELRA and ICCL. Retrieved from `https://aclanthology.org/2024.cogalex-1.11/`

P22 Beekhuizen, B. (2024). Discursive distinctiveness explains lexical differences between languages. In J. Nolle et al. (Eds.), *The Evolution of Language: Proceedings of the 15th International Conference (Evolang XV).* Retrieved from `https://evolang2024.github.io/proceedings/paper.html?nr=147` doi: 10.17617/2.3587960

P21 Watson, J., Beekhuizen, B., & Stevenson, S. (2023). What social attitudes about gender does BERT encode? Leveraging insights from psycholinguistics. In *Proceedings of the 61st annual meeting of the association for computational linguistics (volume 1: Long papers)* (pp. 6790–6809).

P20 Watson, J., Walker, S., Stevenson, S., & Beekhuizen, B. (2023). Communicative need shapes choices to use gendered vs. gender-neutral kinship terms across online communities. In *Proceedings of the 45th annual conference of the cognitive science society.*

P19 Gietz, F., & Beekhuizen, B. (2021b). Remodeling complement coercion. In *Proceedings of the society for computation in linguistics* (pp. 158–170).

P18 Gietz, F., & Beekhuizen, B. (2021a). Lexical pragmatics in the wild: The case of complement coercion. In *Proceedings of the NeurIPS 2021 Workshop on Meaning in Context: Pragmatic Communication in Humans and Machines.*

P17 Watson, J., Kapron-King, A., Aggarwal, J., Beekhuizen, B., Heller, D., & Stevenson, S. (2021). Come together: Integrating perspective taking and perspectival expressions. In *Proceedings of the 43rd Annual Conference of the Cognitive Science Society.*

P16 Watson, J., Samir, F., Beekhuizen, B., & Stevenson, S. (2021). Coin it up: Generalization of creative constructions in the wild. In *Proceedings of the 43rd Annual Conference of the Cognitive Science Society.*

P15 Samir, F., Stevenson, S., & Beekhuizen, B. (2020). Untangling semantic similarity: Modeling lexical processing experiments with distributional semantic models. In *Proceedings of the 42nd Annual Conference of the Cognitive Science Society.*

P14 Watson, J., Beekhuizen, B., & Stevenson, S. (2020). Coloring outside the lines: Error patterns in children's acquisition of color terms. In *Proceedings of the 42nd Annual Conference of the Cognitive Science Society.*

P13 Rabinovich, E., Watson, J., Beekhuizen, B., & Stevenson, S. (2019). Say anything: Automatic semantic infelicity detection in L2 English indefinite pronouns. In *Conference on Computational Natural Language Learning.* (winner of the CoNLL Best Paper Award for Research Inspired by Human Language Learning and Processing)

P12 Beekhuizen, B., Cui, C. X., & Stevenson, S. (2019). Representing lexical ambiguity in prototype models of lexical semantics. In *Proceedings of the 41st Annual Conference of the Cognitive Science Society.*

P11 Watson, J., Beekhuizen, B., & Stevenson, S. (2019). Identifying the evolutionary progression of color from crosslinguistic data. In *Proceedings of the 41st Annual Conference of the Cognitive Science Society.*

P10 Matusevych, Y., Beekhuizen, B., & Stevenson, S. (2018). Crosslinguistic transfer as category adjustment: Modeling conceptual color shift in bilingualism. In *Proceedings of the 40th Annual Meeting of the Cognitive Science Society.*

P9 Beekhuizen, B., Milić, S., Armstrong, B., & Stevenson, S. (2018). What company do semantically ambiguous words keep? Insights from distributional word vectors. In *Proceedings of the 40th Annual Meeting of the Cognitive Science Society.*

P8 Beekhuizen, B., Watson, J., & Stevenson, S. (2017). Semantic typology and parallel corpora: Something about indefinite pronouns. In *Proceedings of the 39th Annual Meeting of the Cognitive Science Society.*

P7 Nematzadeh, A., Beekhuizen, B., Huang, S., & Stevenson, S. (2017). Calculating probabilities simplifies word learning. In *Proceedings of the 39th Annual Meeting of the Cognitive Science Society.*

P6 Beekhuizen, B., & Stevenson, S. (2016). Modeling developmental and linguistic relativity effects in color term acquisition. In *Proceedings of the 38th Annual Meeting of the Cognitive Science Society.*

P5 Beekhuizen, B., & Stevenson, S. (2015a). Crowdsourcing elicitation data for semantic typologies. In *Proceedings of the 37th Annual Meeting of the Cognitive Science Society.*

P4 Beekhuizen, B., & Stevenson, S. (2015b). Perceptual, conceptual, and frequency effects on error patterns in English color term acquisition. In *Proceedings of the Sixth Workshop on Cognitive Aspects of Computational Language Learning.*

P3 Beekhuizen, B., Bod, R., Fazly, A., Stevenson, S., & Verhagen, A. (2014). A usage-based model of early grammatical development. In *Proceedings of the Workshop on Cognitive Modeling and Computational Linguistics.*

P2 Beekhuizen, B., Fazly, A., & Stevenson, S. (2014). Learning meaning without primitives: Typology predicts developmental patterns. In *Proceedings of the 36th Annual Meeting of the Cognitive Science Society.*

P1 Beekhuizen, B., Fazly, A., Nematzadeh, A., & Stevenson, S. (2013). Word learning in the wild: What natural data can tell us. In *Proceedings of the 35th Annual Meeting of the Cognitive Science Society.*

Chapters:

C2 Beekhuizen, B., Bod, R., & Verhagen, A. (2017). Acquiring relational meaning from the situational context. What linguists can learn from analyzing videotaped interaction. In J. Evers-Vermeul & E. Tribushinina (Eds.), *Usage-based approaches to language acquisition and language teaching* (pp. 73–96). Berlin: De Gruyter Mouton.

C1 Beekhuizen, B., & Bod, R. (2014). Automating construction work. Data-Oriented Parsing and constructivist accounts of language acquisition. In R. Boogaart, T. Colleman, & G. Rutten (Eds.), *Extending the Scope of Construction Grammar* (pp. 47–74). Berlin: De Gruyter Mouton.

Dissertation:

- Beekhuizen, B. (2015). *Constructions Emerging: A Usage-Based Model of the Acquisition of Grammar* (Doctoral dissertation). Leiden University.

8. Non-refereed scholarly publications:

N3 Jackson, S., Beekhuizen, B., Zhao, Z., & Zhao, Y. C. (2024). LLMs and Linguistic Competency: An Exploration of GPT-4 and a Non-Hegemonic English Variety. *Newhouse Impact Journal*(1), 8–9.

N2 Beekhuizen, B. (2021). Not your dad, maar wel je vader. In N. van der Sijs, L. Fonteyn, & M. van der Meulen (Eds.), *Wat gebeurt er in het Nederlands?* (pp. 285–289). Utrecht: Sterck & De Vreese.

N1 Karsdorp, F., & Beekhuizen, B. (2010). Regelmaat in een regelloos systeem: De Nederlandse superlatief (Regularity in a rule-less system: The Dutch superlative). *Voortgang: Jaarboek van de Neerlandistiek (Advancement: Annual of Dutch Studies)*, *28*, 29–50.

9. Manuscripts/Publications Submitted to Publishers

- Beekhuizen, B., & Raihert, C. (Submitted). Metaphor as communicative practice. A computational approach to cross-genre variation in metaphor usage. *Metaphor and Symbol*.

10. Conference and Symposia Presentations

(R) = refereed, (I) = invited, (W) = workshop
All conference proceedings papers listed under '7. Refereed Scholarly Publications' were presented as oral or poster presentations as well, and are not listed here. Talks co-authored by me are given as well, with the presenting author(s) in italics.
2024

(R) *Nadia Takhtaganova* and Barend Beekhuizen. âĂŸVariation in the Morphosemantics of Postnominal Prepositions: The Case of Romance AâĂŹ. Oral presentation given at the Canadian Linguistics Association. (18 June 2024).

(R) *Claudia Raihert and Barend Beekhuizen*. âĂŸStudying metaphor-in-context computationally: From ad hoc to systematic variation across genres.âĂŹ Oral presentation given at the Cognitive Linguistics Association of North America. (27 June 2024).

(W) *Guillaume Thomas* and Barend Beekhuizen. 'Cross-linguistic variation in the expression of incrementation and related functions.âĂŹ European Summer School for Language, Logic, and Information, workshop on incrementation. (29 July 2024).

(R) Barend Beekhuizen. âĂŸLexicons encode differently what people do differently. Computational studies of the pragmatic motivations of lexical typologyâĂŹ. Poster presented as the Annual Meeting of the Cognitive Science Society. 26 August 2024; Poster presentation.

2023

(R) *Barend Beekhuizen and Kaleigh Woolford*: Community-specific Context Typicality as a determinant of lexical variation. Oral presentation at the New Ways of Analyzing Variation conference. (14 October 2023).

(R) Barend Beekhuizen: Discursive variation explains colexification. A lexicon-wide case study on the DoReCo corpus. Oral presentation at the Societas Linguisticae Europaea. (30 August 2023).

(R) *Claudia Raihert* and Barend Beekhuizen: Speaking figuratively across genres: discourse, metaphor, and variation. Oral presentation at the International Cognitive Linguistics Conference. (11 August 2023).

(R) Ana Tona and *Barend Beekhuizen*: Speech framing verbs in spoken language complicate crosslinguistic findings. Oral Presentation at the International Cognitive Linguistics Conference. (11 August 2023).

(R) Barend Beekhuizen: Discursive variation explains colexification. A lexicon-wide case study on the DoReCo corpus. Oral presentation at the International Cognitive Linguistics Conference. (10 August 2023).

(IR) Barend Beekhuizen. The typology of topological spatial language. A parallel corpus study in 1200 languages. Invited oral presentation as part of the symposium 'Space in Context: Communicative factors shape spatial language' at the Annual Meeting of the Cognitive Science Society. (27 July 2023)

(R) *Kaleigh Woolford* and Barend Beekhuizen. Community-specific Context Typicality as a determinant of lexical variation. Oral presentation at the Quantitative Linguistics Conference 2023. (29 June 2023).

(R) Frederick Gietz and *Barend Beekhuizen*. Rethinking the complement coercion interpretation: evidence from probe recognition. Poster presented at Human Sentence Processing (March 9-11 2023)

(R) *Tiana Simovic* and Barend Beekhuizen. Donkey drivers and animal teachers: how context modulates novel noun compound interpretation. Poster presented at Human Sentence Processing. (March 9-11 2023)

2022

(R) *Tiana Simovic* and Barend Beekhuizen. Identifying the Role of Context in Novel Noun Compound Interpretation. Poster presented at the Mental Lexicon conference. (October 11-14 2022)

(R) *Barend Beekhuizen* and Sandra Thompson. Characterizations and their language. Talk presented at the Digital Meeting for Conversation Analysis (October 31-November 4 2022).

(R) 'Expressive variation: A comparative perspective on lexis and praxis'. Talk given at Language, Culture, and Mind conference (4 July 2022).

(R) 'Types of meaning, types of variation: Expanding the scope of lexical semantic typology'. Talk given at the Societas Linguistica Europeae conference (26 August 2022).

(R) *Tiana Simovic* & Barend Beekhuizen: 'Exploring context's role in the interpretation of novel noun compounds'. Poster presented at the 44th Annual Conference of the Cognitive Science Society

(R) *Frederick Gietz* & Barend Beekhuizen: 'Two measures for complement coercion interpretation: Interpretation vs production for complement coercion'. Poster presented at the 44th Annual Conference of the Cognitive Science Society

(R) *Tiana Simovic* & Barend Beekhuizen: 'Exploring how context changes the interpretation of novel noun compounds'. Talk given at Canadian Society for Brain, Behaviour, and Cognitive Science.

2020

(R) 'A dataset and metric to evaluate lexical extraction from parallel corpora'. Talk given at the Association for Computational Linguistics Special Interest Group on Typology (SIGTYP; 19 November 2020).

2019

(R) 'Computational tools for doing semantic typology with parallel text' Talk given at the Societas Linguistica Europaea. (22 August 2019)

(W) 'Computational tools for doing semantic typology. Parallel corpora and predictive models'. Talk given at the Toronto-Buffalo Workshop on Language Variation. (16 March, 2019)

(W) *Julia Watson*, Barend Beekhuizen, Suzanne Stevenson. 'Identifying the Evolutionary Progression of Color from Crosslinguistic Data'. Talk given at the Toronto-Buffalo Workshop on Language Variation. (16 March, 2019)

2018

(I,W) 'Introduction to my research profile'. Talk given at the Third University of Toronto Annual Conference of the Digital Humanities Network. (30 August 2018)

(R) *Blair Armstrong*, Caitlin Rice, Saša Milić, Barend Beekhuizen & Suzanne Stevenson). 'How are ambiguous word meanings learned, represented, and processed? Insights from computational modeling'. Talk given at the Annual Meeting of the Canadian Society for Brain, Behaviour, and Cognitive Science (4–7 July 2018).

(I) 'Two advances in semantic maps: text-based typology and directed graphs'. Talk given at the Max Planck Institute for Psycholinguistics (Nijmegen, the Netherlands) in the Diversity in Language, Culture and Cognition colloquium series (26 April 2018)

(I) 'Dimensions of ambiguity: What's in the context?' Talk given in the Centre for Language Studies (Radboud Universiteit Nijmegen, the Netherlands) monthly colloquium series (26 April 2018).

2017

(R) *Caitlin Rice*, Vladimir Dubrovsky, Barend Beekhuizen, Suzanne Stevenson & Blair Armstrong. 'Comparing meaning frequency estimates: corpus-based modeling vs. human norms'. Talk given at the *47th Annual Meeting of the Society for Computers in Psychology* (9 November 2017)

(I) 'Exemplar semantics through parallel corpora. Something about indefinite pronouns'. Talk given at Leiden University (5 February 2017).

2016

(I) 'Parallel corpora and semantic typology'. Talk given at the *Computational Linguistics Seminar* of the Institute for Logic, Language, and Computation of the University of Amsterdam (1 November 2016).

(W) 'Carving up the world'. Semantic typology and cognition. Talk given at the annual Dog days workshop, Department of Linguistics, University of Toronto. (17 August 2016).

(I) 'Errors in word meaning acquisition as explained by semantic typology and computational modeling'. Talk given at the colloquium of the Department of Linguistics, University of California, Santa Barbara (10 March 2016).

2015

(W) 'Modeling and theory. Insights from the Syntagmatic-Paradigmatic Learner'. Talk given at the pre-defense workshop of my dissertation defense at Leiden University. (22 September 2015).

2014

(I) 'Dimensionality reduction and linguistics'. Talk/tutorial given for typological linguists at the University of Amsterdam (28 August 2014).

(I) 'V1 bijzinnen. Verbonden in vorm, verdeeld in functie'. (Verb-first subordinate clauses. Connected in form, divided in meaning). Talk given at the *Dag van de Nederlandse Zinsbouw* (Annual day of Dutch Syntax; 28 November 2014).

(R) 'A usage-based model of early grammatical development'. Talk given at the *Sixth Biennial Conference of the Belgium Netherlands Cognitive Linguistics Association* (12 December 2014).

(I) 'Learning meaning without primitives. Typology predicts developmental patterns'. Talk given in the Computational Linguistics Seminar series at the Institute for Logic, Language, and Computation of the University of Amsterdam (12 March 2014).

2013

(I) 'The acquisition of lexical meaning. A plea for naturalism'. Talk given at the Lorentz institute workshop *Modeling Meets Infant Studies* (12 September 2013).

(R) *Barend Beekhuizen* & Max van Duijn. 'Packaged and ready to go. Linguistic tools for communication and mental processing'. Talk given at the *12th International Cognitive Linguistics Conference* (27 June 2013).

(R) *Barend Beekhuizen*, Aida Nematzadeh, Afsaneh Fazly & Suzanne Stevenson. 'Learning relational meanings from situated caregiver-child interaction. A computational approach.' Talk given at the *12th International Cognitive Linguistics Conference* (25 June 2013).

(W) 'What can we learn from bound learners?' Talk given at the workshop Learnability and Computational Models of Language Acquisition held at the University of Amsterdam. (11 March 2013).

(R) 'Referentiele onzekerheid, computermodellen, en semantische kindertaalcorpora'. (Referential uncertainty, computer models, and semantic child language corpora.) Talk given at the Taalkunde in Nederland conference (the annual meeting of the Dutch Linguistics Society). (9 February 2013).

(R) 'Modelling the acquisition of lexical meaning from caregiver-child interaction'. Getting the semantics straight. Talk given at the annual Computational Linguistics in the Netherlands conference (18 January 2013).

2012

(I) 'Learning relational meanings from situated caregiver-child interaction. A computational approach'. Talk given in the *Computational Linguistics Seminar* series, Department of Computer Science, University of Toronto (13 November 2012).

(R) 'How to learn a grammar from examples. A computational approach'. Talk given at the *Fifth Biennial Conference of the Belgium Netherlands Cognitive Linguistics Association* (15 December 2012).

11. Invited Lectures

- 'Unsupervised morphological segmentation with domain-informed heuristics'. Invited talk for the University of Toronto Mississauga Computer Science Faculty-Grad Student Seminar. (April 25, 2025).

- 'Lexicons encode differently what people do differently. Computational studies of the pragmatic motivations of lexical typology.' Invited colloquium talk at the The University at Buffalo, Linguistics department (February 8, 2024).

12. Media and Other Public Engagements

- Interviewed for the Globe and Mail podcast (October 24th): (https://www.theglobeandmail.com/canada/article-amplify-the-practical-magic-of-the-girl-prefix)

- Word of the Year interview for Toronto640 (December 4th; radio)

- Word of the Year interview for CP24 (December 5th; television; https://www.cp24.com/video?clipId=2821900)

D. Courses Taught

12. Teaching

A. Undergraduate Courses
2023-2024:

- LIN240H5: *Introduction to Programming for Linguists*
- LIN341H5: *Linguistics and Computation*

2022-2023:

- LIN338H5: *Pragmatics*
- LIN340H5: *Computation with Natural Language*
- LIN341H5: *Linguistics and Computation*
- JFL1107H: *Computational Methods for Linguists*
- LIN399Y5: *Research Opportunity Program: Machine Learning Meet Meaning*

2021–2022:

- LIN340H5: *Language and Computers*
- LIN353H5: *Discourse Analysis*

2020–2021:

- LIN237H5: *Semantics*
- LIN353H5: *Discourse Analysis*
- LIN340H5: *Language and Computers*

2019–2020:

- LIN237H5: *Semantics*
- LIN353H5: *Discourse Analysis*

2018–2019:

- LIN340H5: *Language and Computers*
- LIN353H5: *Discourse Analysis*

B. Graduate Courses
2020–2021:

- LIN1107H5: *Computational Methods in Linguistics*
- LIN2101H1: *Junior Forum* (co-taught with Myrto Grigoroglou).

2019–2020:

- LIN1505H5: *Computational Linguistics*
- LIN2101H1: *Junior Forum* (co-taught with Derek Denis).

C. Other Courses

- In May 2019 and May 2020 I organized a Jackman Humanities Institute *Scholars in Residence* project for excelling undergraduates.

- I ran two undergraduate independent studies in 2020-2021, and one graduate independent study in 2019-2022.

- I ran a year-long Research Opportunity Program in 2022-2023.

D. Theses Supervised

Doctoral Students (primary (co-)supervision)

- **Jai Aggarwal (Computer Science**   3/2025–present
  Minimum Description Length and lexical typology   *co-supervision with Suzanne Stevenson*

- **Ana Tona Messina**   4/2023–present
  Quotative strategies between English and Spanish

- **Kaleigh Woolford (Linguistics)**   9/2022–present
  Lexical semantic fields and diachronic variation   *co-supervision with Derek Denis*

- **Bruno de Oliveira Andreotti (Linguistics)**   7/2022–present
  Informative Inferences in a Neo-Gricean Framework   *co-supervision with Michela Ippolito*

- **Jules (Julia) Watson (Computer Science)**   9/2021–present
  Computational models of language and gender   *co-supervision with Suzanne Stevenson*

- **Frederick Gietz (Linguistics)**   2019–2023
  Computational approaches to complement coercion

- **Andrei Munteanu (Linguistics)**   2023
  Sound laws and phonological reconstruction   *primary supervisor during final stages of PhD*

Masters Students (primary (co-)supervision)

- **Maya Blumenthal (Linguistics)**   9/2021–8/2022
  A computational approach to social variation in lexical variation.

- **Noah Philipp-Muller (Linguistics)**   9/2019–8/2020
  A computational approach to emotion vocabulary across languages

- **Jules (Julia) Watson (Computer Science)**   9/2019–5/2021
  Computational approaches to colour term typology   *co-supervision with Suzanne Stevenson*

- **Farhan Samir (Computer Science)**   9/2019–2/2021
  Word meaning ambiguity in vector space models   *co-supervision with Suzanne Stevenson*

Doctoral Students (committee member)

- **Lex Konelly (Linguistics)**   2023
  "The Right Story": Discursive Strategies in Gender-Affirming Healthcare Access   *internal-external examiner*

- **Di Mo (Psychology)**   2018–present
  The processing of homonymous and polysemous words

- **Andrei Munteanu (Linguistics)**   2019–2023
  Sound laws and phonological reconstruction

- **Tim Gadanidis (Linguistics)**   2021–present
  Putting on the mask: Server narratives from the COVID-19 pandemic

- **Bram van Dijk (Leiden University; Leiden Institute for Advanced Computer Science)**   9/2024-1/2025
  Theory of mind in language, minds, and machines   *committee member*

Research Assistants/Generals Projects/Independent Studies/Undergraduate theses

- **Hannah Rognan (Linguistics; research assistant)**   9/2024-present
  Synlexification and parallel corpora

- **Claudia Raihert (Linguistics; research assistant)** 9/2022-present
  Metaphor and discourse

- **Kaleigh Woolford (Linguistics; research assistant)** 9/2022-present
  Computational Approaches to Style

- **Ana Tona Messina (Linguistics; research assistant)** 9/2022-8/2023
  Speech verbs across languges

- **Nadia Takhtaganova (Linguistics; generals paper)** 3/2022–4/2023
  Compounds in Romance languages

- **Crystal Chen (Linguistics; generals paper)** 9/2021–4/2023
  Anaphora referring to unique referents. *Co-supervision with Guillaume Thomas*

- **Liam Donohue (Linguistics; generals paper)** 4/2021–3/2022
  Cross-linguistic variation in locative constructions

- **Kaleigh Woolford (Linguistics; generals paper)** 1/2021–12/2021
  Computational approaches to exclusive marker variation across genres

- **Tiana Simovic (Psychology; outside project)** 1/2021–present
  Novel nominal compounds in discourse

- **Cindy Zhao (Engineering; undergraduate thesis project)** 9/2020–4/2021
  Computational modeling of word meaning variation between Reddit communities.

- **Bruno de Oliveira Andreotti (Linguistics; generals paper)** 9/2020–12/2021
  A model-theoretic approach to lexical pragmatics

- **Tim Gadanidis (Linguistics; generals paper)** 2/2020–10/2020
  Computational approaches to exclusive marker variation across genres

- **Liam Donohue (Linguistics; independent study)** 1/2020–7/2020
  Cross-linguistic variation in space-time mappings

- **Bob Cui (Engineering; USRA, independent study)** 7/2018–2/2019
  Synthesizing pseudo-homonyms *Co-supervision with Suzanne Stevenson*

- **Di Mo (Psychology; outside project)** 9/2018–4/2019
  Computational methods in word meaning ambiguity research *Co-supervision with Suzanne Stevenson*

- **Craig Gauden (Engineering; undergraduate thesis project)** 9/2018–4/2019
  Computational approaches to the typology of kinship systems *Co-supervision with Suzanne Stevenson*

E.   Administrative Positions

- Teaching Assistant Coordinator for the Linguistics programs of the Department of Language Studies, UTM (2022-present)

- Member of the UTM Academic Affairs Committee (2022–present)

- Scholars-in-Residence Advisory Committee (2019–2020)

- Facilitator for Junior Forum (Linguistics; 2019–2021)