Jacob Louis Hoover

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Education

2018–(2024)	PhD, **McGill** University Department of Linguistics, **Mila** – Quebec Artificial Intelligence Institute, advisor: Timothy J. O'Donnell. [Fast-tracked from MA program in 2019]
2006–2012	Bachelor of Liberal Arts (ALB), *cum laude*, **Harvard University Extension School** Field of Study: Mathematics	Minor: Linguistics

Teaching

Winter 2023	Instructor, McGill COMP/LING 445 *Computational Linguistics*
Fall 2021	Guest lecture for McGill COMP/LING 445 *Computational Linguistics*
2019–2022	Teaching Assistant, 6 McGill courses in linguistics/computer science
	COMP/LING 596 *Probabilistic Programming* (Winter 2021, 2022)
	COMP/LING 445 *Computational Linguistics* (Fall 2020, 2021)
	LING 201 *Introduction to Linguistics* (Fall 2019, Winter 2020)

Community

2020–2022	Graduate student representative, McGill Linguistics Department
2020	Graduate Program changes Committee, student member
2019–2022	Vice President, Academic, **GLAM**, Graduate Linguistics Association of McGill
2019–2020	Founding member, **EARTH-LING**, McGill Linguistics department environmental working group
2018–pres.	Graduate student member, webmaster, Montreal Computational and Quantitative Linguistics Lab (**MCQLL**)

Reviewer (2020-pres.): TACL, CogSci, CoNLL

Awards

2020	**Microsoft Research-Mila Collaboration Grant**, for project supervised by Alessandro Sordoni (MSR Montreal) and Prof. Timothy O'Donnell (Mila)
2019	**Graduate Scholar Stipend**, Centre for Research on Brain, Language and Music (CRBLM)

Research

2022   **Jacob Louis Hoover**, Morgan Sonderegger, Steven T. Piantadosi, and Timothy J. O'Donnell. *The Plausibility of Sampling as an Algorithmic Theory of Sentence Processing*. To appear in Open Mind. DOI: `10.31234/osf.io/qjnpv`. preprint.

       Jacob Louis Hoover. "With Better Language Models, Processing Time Is Superlinear in Surprisal". Poster. Architectures and Mechanisms for Language Processing (AMLaP) 28 (York, England).

2021   **Jacob Louis Hoover**, Wenyu Du, Alessandro Sordoni, and Timothy J. O'Donnell. "Linguistic Dependencies and Statistical Dependence". In: *Proceedings of the 2021 Conference on Empirical Methods in Natural Language Processing*. EMNLP 2021. Online and Punta Cana, Dominican Republic: Association for Computational Linguistics, pp. 2941–2963. DOI: `10.18653/v1/2021.emnlp-main.234`.

       Jacob Louis Hoover. "Accounting for Variation in Number Agreement in Icelandic Dative-Nominative Constructions". In: *Proceedings of the 38th West Coast Conference on Formal Linguistics*. WCCFL38, March 6–8, 2020, University of British Columbia, Vancouver. Ed. by Rachel Soo, Una Y. Chow, and Sander Nederveen. Somerville, Mass., USA: Cascadilla Proceedings Project, pp. 231–241.

Languages

English	Native
Estonian	Intermediate (2½ years living and working in Estonia: ~ CEF level B2)
French	Intermediate (~ B2)
Japanese	Novice (two years' university study, at this point rather atrophied)
Russian, Spanish	Basic knowledge

Ballet career

2018–pres.	I retired from full-time dancing in 2018, when I began my graduate study at McGill. I have continued with occasional appearances as an independent artist including with Festival Ballet Providence, Rhode Island Women's Choreography Project, Revolve Dance Project, and Robinson Ballet in Bangor, ME.
2008–2018	I worked full-time as professional dancer from 2008 until 2018. Trained as a ballet dancer at Walnut Hill School and Miami City Ballet School, I danced soloist roles when at **José Mateo Ballet Theatre** in Cambridge, MA, (2008–2012) and principal roles when at the **Vanemuine Theatre** in Tartu, Estonia (2013–2015), and was a company dancer for **Festival Ballet Providence**, RI (2015–2018).