

Massimo Lipari

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RESEARCH AREAS

Corpus phonetics, language variation and change, speech dynamics, acoustic-articulatory mapping, phonetics/phonology interface

EDUCATION

- 2021– *PhD, Linguistics* – McGill University (Montreal, Quebec)
Advisors: Morgan Sondergger & Meghan Clayards
- 2018–2021 *BA, Linguistics & Philosophy* – McGill University (Montreal, Quebec)
- July–Aug 2025 *Student, LSA Summer Institute* – University of Oregon (Eugene, Oregon, USA)
- Sept–Oct 2024 *Visiting student researcher* – University of Glasgow (Glasgow, Scotland)
Supervised by: Jane Stuart-Smith

PUBLICATIONS

Peer-reviewed journal articles

- Under review **Lipari, M.**, Sonderegger, M., & Clayards, M. Variation in the acoustic dynamics of /s/: Patterns within and across 32 languages. *PsyArXiv*. doi.org/10.31234/osf.io/m4ksy_v1
- 2025 **Lipari, M.** & Sonderegger, M. A new perspective on the development of Quebec French rhotic vowels. *Laboratory Phonology*, 16(1). doi:10.16995/labphon.11678

E-book chapters

- 2025 **Lipari, M.** Functional principal components analysis. In M. Sonderegger, M. Sóskuthy, M. Lipari & A. Doucette, *Advanced Quantitative Methods for Linguistic Data*, version 0.2. doi:10.5281/zenodo.1594206

Peer-reviewed conference proceedings

- Re-submitted **Lipari, M.**, Dumont, L., & Milne, P. Les « données trouvées » et la variation phonétique en français québécois. *Les voies du français*, Presses de l'Université Laval.
- 2023 **Lipari, M.** The emergence of rhotic vowels in Quebec French: a change from below? In R. Skarnitzl & J. Volín (Eds.), *Proceedings of the 20th International Congress of Phonetic Sciences* (pp. 3740–3744). International Phonetic Association.

Other conference proceedings

- 2023 **Lipari, M.** The acoustics of borrowed /ɔ/ in Quebec French. *Canadian Acoustics*, 51(3), 210–211.

PRESENTATIONS

Invited talks

- 2024 **Lipari, M.**, Sonderegger, M., & Clayards, M. (October 10). Acoustic trajectories of /s/ across 17 languages [Talk]. *Glasgow University Laboratory of Phonetics*, Glasgow (Scotland).
- 2024 **Lipari, M.** & Sonderegger, M. (September 26). Three accounts of the development of Quebec French rhotic vowels [Talk]. *Glasgow University Laboratory of Phonetics*, Glasgow (Scotland).

Peer-reviewed conference presentations

- 2024 **Lipari, M.**, & Sonderegger, M. (June 28). The development of rhoticity in the Quebec French vowel system [Talk]. *19th Conference on Laboratory Phonology*, Seoul (Korea).
- 2024 **Lipari, M.**, Sonderegger, M., & Clayards, M. (June 26). Cross-linguistic differences in the phonetic implementation of /s/ [Talk]. *CorpusPhon*, Seoul (Korea).
- 2024 **Lipari, M.**, & Sonderegger, M. (June 11). L'émergence des voyelles rhotiques en français québécois [Talk]. *9e colloque Les français d'ici*, Shippagan (Canada).
- 2024 **Lipari, M.**, Milne, P., & Sonderegger, M. (June 10). Les « données trouvées » et la variation phonétique en français québécois [Talk]. *9e colloque Les français d'ici*, Shippagan (Canada).
- 2023 **Lipari, M.** (August 9). The emergence of rhotic vowels in Quebec French: A change from below? [Poster]. *20th International Congress of Phonetic Sciences*, Prague (Czechia).
- 2023 **Lipari, M.** (June 2). Formant trajectories of three rhotic vowels in Quebec French [Talk]. *Congress of the Canadian Linguistic Association*, Toronto (Canada).

Other conference presentations

- 2025 **Lipari, M.** (December 5). Apparent vocal tract length versus /s/ acoustics in a large multilingual corpus [Poster]. *6th Joint Meeting of the Acoustical Society of America & the Acoustical Society of Japan*, Honolulu (USA).
- 2025 **Lipari, M.**, Laswon, E., & Stuart-Smith, J. (May 23). Acoustic and articulatory variation across dialects in English approximant /ɹ/ [Talk]. *'R-atics 8*, Valletta (Malta).
- 2025 **Lipari, M.**, Laswon, E., & Stuart-Smith, J. (April 5). The role of dialect and tongue shape in English /ɹ/ formant dynamics [Talk]. *Montréal-Ottawa-Toronto-Hamilton Phonology/Phonetics Workshop 2025*, Toronto (Canada).
- 2024 **Lipari, M.**, Sonderegger, M., & Clayards, M. (May 16). Spectral properties of Quebec French sibilants [Poster]. *186th Meeting of the Acoustical Society of America*, Ottawa (Canada).
- 2024 **Lipari, M.**, Sonderegger, M., & Clayards, M. (April 20). Spectral dynamics of Quebec French sibilants [Talk]. *Montréal-Ottawa-Toronto-Hamilton Phonology/Phonetics Workshop 2024*, Montreal (Quebec).
- 2023 **Lipari, M.** (October 14). Variable adaptation of English /ɹ/ in Quebec French [Poster]. *New Ways of Analyzing Variation 51*, New York (USA).
- 2023 **Lipari, M.** (October 4). The acoustics of borrowed /ɹ/ in Quebec French [Talk]. *Acoustics Week in Canada*, Montreal (Quebec).
- 2023 **Lipari, M.** (March 23). A portrait of rhotic vowels in Quebec French [Talk]. *Montréal-Ottawa-Toronto-Hamilton Phonology/Phonetics Workshop 2023*, Hamilton (Canada).

Scientific outreach

- 2025 Bradford, L. & **Lipari, M.** (February 18). What is linguistics? [Invited talk]. *Integrating Activity (Arts, Literature and Communication)*, Dawson College, Montreal (Quebec).
- 2023 Kamath, G. & **Lipari, M.** (February 8). What is linguistics? [Invited talk]. *Integrating Activity (Arts, Literature and Communication)*, Dawson College, Montreal (Quebec).
- 2022 Kamath, G. & **Lipari, M.** (July 28). What is linguistics? [Invited talk]. *Explorations Summer Camp*, Montreal (Quebec).

TEACHING & SUPERVISION

As course lecturer

- Winter 2023 *Phonetics 1 (LING 330)*, McGill University

As guest lecturer

- Fall 2024 *Advanced Quantitative Methods (LING 683)*, McGill University
Instructor: Morgan Sonderegger
Tutorial on functional data analysis
- Summer 2024 *Meaning and Language (LING 260)*, McGill University
Instructor: Irene B. R. Smith
Lecture on adjective denotations

As teaching assistant

- Winter 2026 *Phonology 1 (LING 331)*, McGill University
Instructor: Myriam Lapierre
- Summer 2025 *Practical Corpus Phonetics*, LSA Summer Institute
Instructors: Morgan Sonderegger & Michael McAuliffe
- Summer 2025 *Bayesian Regression Modelling for Language Data*, LSA Summer Institute
Instructor: Morgan Sonderegger
- Winter 2024 *Meaning and Language (LING 260)*, McGill University
Instructor: Mathieu Paillé
- Fall 2023 *Intro to Linguistics (LING 201)*, McGill University
Instructor: Andrei Munteanu
- Fall 2022 *Semantics 1 (LING 360)*, McGill University
Instructor: Brendan Gillon

As supervisor

- Winter 2026 *Partner*, Students-As-Partners French Terminology Project, McGill University
Supervised undergraduate students Gabriel Gefin & Samantha Stong in developing French-English glossaries for computational linguistics & speech-language pathology.
- Jan-Aug 2024 *Mentor*, Program for Undergraduate Research in Linguistics, McGill University
Mentored undergraduate student Laurie Dumont in using found data for speech corpus creation/management.

As grader

- Fall 2023 *Experimental Methods (LING 620)*, McGill University
Instructor: Morgan Sonderegger

OTHER ACADEMIC EXPERIENCE

As research assistant

- Summer 2025 *For Morgan Sonderegger*, McGill University
Ran a users' group and developed documentation for a Python speech corpus management API, *PolyglotDB*.
- Jan–Aug 2021 *For Michael Wagner*, McGill University
Helped develop stimuli for prosody experiments run online through *Prolific*.

FUNDING AND AWARDS

Fellowships & bursaries

- 2024–2027 *Doctoral Award*, Social Sciences and Humanities Research Council of Canada (CAD 120,000)
- 2024–2028 *B2Z (Doctoral) Award*, Fonds de recherche du Québec (CAD 91,667, reduced to CAD 1,667)
Terminated early due to overlap with SSHRC award
- 2022–2023 *B1Z (Master's) Award*, Fonds de recherche du Québec (CAD 17,500)
- 2021–2022 *Canada Graduate Scholarship – Master's*, Social Sciences and Humanities Research Council of Canada (CAD 17,500)
- 2018–2019 *J. W. McConnell Entrance Scholarship*, McGill University (CAD 3,000)

Other awards & honours

- 2025 *LSA Summer Institute Fellowship*, Linguistic Society of America (USD 2,500)
- 2025 *Graduate Mobility Award*, McGill University (CAD 1,575)
- 2025 *Graduate Student Travel Award*, Centre for Research on Brain, Language and Music (CAD 700)
- 2025 *Graduate Research Enhancement and Travel Award*, Department of Linguistics, McGill University (CAD 500)
- 2024 *McGill-Glasgow Travel Award*, McGill University (CAD 2,625)
- 2024 *Travel Award*, McGill Post-Graduate Student Society (CAD 700)
- 2023 *Student Travel Award*, International Phonetic Association (GBP 600)
- 2023 *Graduate Student Travel Award*, Centre for Research on Brain, Language and Music (CAD 350)
- 2023 *Student Travel Award*, Department of Linguistics, McGill University (CAD 350)

ACADEMIC SERVICE

Academic journal peer-review

- 2026 *Journal of Phonetics* (1)
- 2024 *JASA Express Letters* (1)

Conference abstract peer-review

- 2024 *55th Annual Conference on African Linguistics* (10)

Conference organization

- 2025– *Organization committee member*, 20th Conference on Laboratory Phonology
2024 *Organization committee member*, Montréal-Ottawa-Toronto-Hamilton Phonology/Phonetics Workshop 2024

Departmental service

- 2025– *President*, Graduate Linguistics Association of McGill, McGill University
2025– *Meeting coordinator*, Speech Learning Lab + Montréal Computational & Quantitative Linguistics Lab, McGill University
2024–2025 *Graduate student representative*, Department of Linguistics, McGill University
2025 *Graduate student representative*, Assistant Professor in Phonology search committee, McGill University
2022–2024 *Co-organizer*, Phonetics/Phonology reading group, McGill University
2024 *Co-organizer*, Bayesian statistics reading group, McGill University

TECHNICAL SKILLS

- Statistics* Generalized additive modelling, frequentist & Bayesian regression, functional data analysis, causal inference
Programming *R*: data wrangling & analysis, statistical analysis, geospatial data analysis
 Python: data wrangling, analysis & visualization, machine learning
 bash: scripting, remote computing
 git: version control
Authoring *Quarto/R Markdown*, *L^AT_EX*
Other *Praat*: acoustic analysis/signal processing, scripting

LANGUAGES

English (native), *French* (near-native), *German* (advanced), *Italian* (heritage), *Japanese* (beginner)