# Michaela Socolof

NSF Postdoctoral Fellow in the Computational Psycholinguistics Lab at MIT
msocolof@mit.edu

## Employment

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| FALL 2024- | **Massachusetts Institute of Technology**<br>NSF Postdoctoral Fellow<br>Department of Brain and Cognitive Sciences \| Advisor: Dr. Roger Levy |

## Education

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| 2024 | **McGill University**<br>Ph.D. in Linguistics<br>Thesis: "Partial compositionality" \| Advisor: Dr. Timothy J. O'Donnell |
| 2016 | **McGill University**<br>Bachelor of Arts \| Honours Linguistics Major, Italian Studies Minor<br>Thesis: "Relativization strategies in Māori" \| Advisor: Dr. Junko Shimoyama |

## Research Experience

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| SUMMER 2017 | Kaqchikel Summer Field School (Patzún, Guatemala)<br>*University of Maryland, Universidad del Valle de Guatemala* |
| 2016-2017 | Baggett Fellow<br>*University of Maryland Linguistics Department*<br>Advisors: Dr. Naomi Feldman and Dr. Maria Polinsky |
| SUMMER 2016 | Research Assistant<br>*Montreal Language Modelling Lab*<br>Principal Investigators: Dr. Morgan Sonderegger and Dr. Michael Wagner |

## Publications

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| IN PROGRESS | **Socolof, M.**<br>Constraining Agree: A unified account of basic and inverse agreement in Georgian |
| SUBMITTED | Boles, C. and **Socolof, M.**<br>Conditionals in Igala |
| IN REVISION | **Socolof, M.**, O'Donnell, T., and Wagner, M.<br>The idiom processing advantage is explained by surprisal |
| 2023 | Lau, E., **Socolof, M.**, Clarke, N., Asatiani, R., Polinsky, M.<br>A subject relative clause preference in a split-ergative language: ERP evidence from Georgian<br>*Brain and Language* |

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| 2022 | **Socolof, M.**, Hoover, J., Futrell, R., Sordoni, A., O'Donnell, T.<br>Measuring morphological fusion using partial information decomposition<br>*Proceedings of the 29th International Conference on Computational Linguistics (COLING)* |
| 2022 | Lau, E., Polinsky, M., Clarke, N., **Socolof, M.**<br>On the representation of morphosyntactic predictions: ERP evidence from Georgian<br>*Issues in Kartvelian Studies* |
| 2022 | **Socolof, M.**, Cheung, J., Wagner, M., O'Donnell, T.<br>Characterizing idioms: Conventionality and contingency<br>*Proceedings of 60th Annual Meeting of the Association for Computational Linguistics (ACL)* |
| 2020 | **Socolof, M.**, Schwarz, B., Hirsch, A.<br>Which-questions, uniqueness, and answerhood: Evidence from disjunction<br>*Proceedings of 50th Annual Meeting of the North East Linguistic Society (NELS)* |
| 2020 | **Socolof, M.**, Shimoyama, J.<br>The distribution of the Māori genitive relative construction<br>*Proceedings of the 25th Meeting of the Austronesian Formal Linguistics Association (AFLA)* |
| 2017 | McAuliffe, M., **Socolof, M.**, Mihuc, S., Wagner, M., Sonderegger, M.<br>Montreal Forced Aligner: Trainable text-speech alignment using Kaldi<br>*Proceedings of Interspeech 2017* |
| 2017 | McAuliffe, M., Stengel-Eskin, E., **Socolof, M.**, Sonderegger, M.<br>Polyglot and Speech Corpus Tools: A system for representing, integrating, and querying speech corpora<br>*Proceedings of Interspeech 2017* |

## Refereed Presentations

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|---|---|
| May 2024 | Boles, C., **Socolof, M.**<br>Conditionals in Igala<br>*The 55th Annual Conference on African Linguistics (ACAL),*<br>*Montreal, Canada* |
| Oct 2022 | **Socolof, M.**, Hoover, J., Futrell, R., Sordoni, A., O'Donnell, T.<br>Measuring morphological fusion using partial information decomposition<br>*The 29th International Conference on Computational Linguistics (COLING),*<br>*Gyeongju, Republic of Korea* |
| May 2022 | **Socolof, M.**, Cheung, J., Wagner, M., O'Donnell, T.<br>Characterizing idioms: Conventionality and contingency<br>*The 60th Annual Meeting of the Association for Computational Linguistics (ACL),*<br>*Dublin, Ireland* |
| Jan 2020 | **Socolof, M.**<br>Cyclic spell-out and impoverishment in Georgian<br>*The 94th Annual Meeting of the Linguistic Society of America (LSA),*<br>*New Orleans, LA* |

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| Oct 2019 | **Socolof, M.**, Schwarz, B., Hirsch, A. |
| | Which-questions, uniqueness, and answerhood: Evidence from disjunction |
| | *The 50th Annual Meeting of the North East Linguistic Society (NELS), Cambridge, MA* |
| May 2018 | **Socolof, M.**, Shimoyama, J. |
| | The distribution of the Māori genitive relative construction |
| | *The 25th Annual Meeting of the Austronesian Formal Linguistics Association (AFLA), Taipei, Taiwan* |
| Mar 2018 | Lau, E., Clarke, N., **Socolof, M.**, Asatiani, R., Polinsky, M. |
| | Early detection of conflicting constraints? ERP evidence from Georgian |
| | *The 31st Annual CUNY Sentence Processing Conference, UC Davis* |
| Jan 2017 | **Socolof, M.** |
| | The position of the negative particle *ara* and NPIs in Kabyle negation |
| | *The 91st Annual Meeting of the Linguistic Society of America (LSA), Austin, TX* |
| Jan 2017 | McAuliffe, M., **Socolof, M.**, Mihuc, S., Wagner, M., Sonderegger, M. |
| | Montreal Forced Aligner: An accurate and trainable aligner using Kaldi. |
| | *The 91st Annual Meeting of the Linguistic Society of America (LSA), Austin, TX* |

## Software

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| 2017 | McAuliffe, M., **Socolof, M.**, Stengel-Eskin, E., Mihuc, S., Wagner, M., Sonderegger, M. |
| | Montreal Forced Aligner [Computer program]. Version 1.0.0 |
| | [https://montrealcorpustools.github.io/Montreal-Forced-Aligner/] |
| 2017 | McAuliffe, M., Stengel-Eskin, E., **Socolof, M.**, Coles, A., Mihuc, S., Sonderegger, M. |
| | PolyglotDB [Computer program]. Version 0.0.1 (alpha). |
| | [https://github.com/MontrealCorpusTools/PolyglotDB] |
| 2016 | McAuliffe, M., Stengel-Eskin, E., **Socolof, M.**, Sonderegger, M. |
| | Speech Corpus Tools [Computer program]. |
| | [http://montrealcorpustools.github.io/speechcorpustools/] |

## Fellowships, Scholarships, and Awards

| | |
|---|---|
| 2024-2026 | NSF SBE Postdoctoral Fellowship ($160,000) |
| 2023 | Graduate Mobility Award ($2,400) |
| | Lara Riente Memorial Prize in Linguistics ($830) |
| 2020-2023 | FRQSC bourse au doctoral en recherche ($70,000) |
| 2019-2020 | Faculty of Arts Graduate Fellowship in Indigenous Cultural Studies ($20,000) |
| 2016 | Cremona Memorial Prize in Linguistics ($1,000) |
| | First Class Honours in Linguistics |
| 2015 | U2 Academic Achievement Award in Linguistics |
| | First in Course Award (LINGUIST 308, University of Auckland) |
| | First in Course Award (LINGUIST 312, University of Auckland) |

Universitas 21 Travel Award (Auckland, New Zealand) ($1,000)

Hagerman Prize ($250)

2014    McGill Alumnae Georgina Hunter Scholarship ($2,000)

Schull Yang Arts International Program Scholarship (Florence, Italy) ($500)

German Embassy Book Prize

2013-2016    Dean's Honour List

2013-2016    Elizabeth E. McNab Renewable Entrance Scholarship ($3,000/YEAR)

## Teaching (as Graduate TA)

WINTER 2021-    Syntax I | Instructor: Martina Martinovic

FALL 2020-    Computational Linguistics | Instructor: Timothy J. O'Donnell

WINTER 2020-    Introduction to Linguistics | Instructors: Francisco Torreira, Mathieu Paillé

FALL 2019-    Introduction to Linguistics | Instructors: Francisco Torreira, Junko Shimoyama

## Service

2024-    Lab event organizer in the Computational Psycholinguistics Lab at MIT

2019-2022    Graduate Linguists At McGill (GLAM) representative

2019-2021    TA graduate representative

2019-2020    Syntax-semantics reading group co-organizer

2019    Student representative for joint Linguistics/CS AI job search

2019    Member of EARTH-LING, a group of linguists dedicated to environmental issues at McGill

SPRING 2017    Organizing committee member for the Northeastern (South) Caucasian Chalk Circle (NE(S)CCC)

APR 2017    Volunteer for Maryland Day

MAR 2017    Volunteer for Linguistics outreach to high school students

2014-2016    Tutor for Linguistics undergraduates

2014-2016    Member of the Society of Linguistics Undergraduates at McGill (SLUM)

MAR 2014    Volunteer for the MOLTH Phonology/Syntax Workshop

## Languages

NATIVE:    English
INTERMEDIATE:    Italian, French
FIELDWORK:    Kabyle, Georgian, Kaqchikel, Igala