

Félix Desmeules-Trudel

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felixdtrudel.github.io

Department of Linguistics
University of Ottawa
70 Laurier East
Ottawa, ON
K1N 6N5

LANGUAGES:
French (native)
English (near-native)
Portuguese

CITIZENSHIP: Canadian

EXPERTISE

- Psycholinguistics
 - Phonetics
 - Phonology
 - L2 acquisition and bilingualism
 - Language development
 - Statistical methods
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EDUCATION

- 2013-... **Ph.D. Candidate** in Linguistics
Expected graduation: Spring 2018
Department of Linguistics – University of Ottawa
Spoken word recognition in a first and a second language
Supervisor: Dr. Tania Zamuner
- 2011-2013 **M.A.** in Linguistics
Department of Languages, Linguistics and Translation – Laval University
Theoretical and Descriptive Linguistics
Perception of Québec French nasal vowels by Brazilian learners
Supervisor: Dr. Johanna-Pascale Roy
- 2008-2011 **B.A.** in Linguistics
Department of Languages, Linguistics and Translation – Laval University
Linguistics and Psychology
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FUNDING AND AWARDS

- 2015-... **Joseph-Armand Bombardier Canada Graduate Scholarship**
 Social Sciences and Humanities Research Council of Canada (SSHRC)
Financial support for a Ph.D. degree
 → 3 years (35 000\$ per year) = 105 000\$
- 2013-2015* **Ph.D. Scholarship**
 Fonds québécois de recherche – Société et culture (FQRSC)
 [Quebecois Research Funds – Society and Culture]
Financial support for a Ph.D. degree
 → 3 years (20 000\$ per year) = 60 000\$
 *Used for 2 years
- 2013-... **Excellence Scholarship**
 University of Ottawa
Financial support for a Ph.D. degree
 → Duration of the program (10 000\$ per year) = ±60 000\$
- 2013-... **Admission Scholarship**
 University of Ottawa
Financial support for a Ph.D. degree
 → Duration of the program (guaranteed assistantship contracts) = ±35 000\$
- 2017 **Michael Smith Supplement for Foreign Study**
 Social Sciences and Humanities Research Council of Canada (SSHRC)
Research internship at the Donders Institute – Radboud University Nijmegen
Nijmegen, The Netherlands
 → 6000\$
- 2017 **Student mobility bursary**
 University of Ottawa
Research internship at the Donders Institute – Radboud University Nijmegen
Nijmegen, The Netherlands
 → 4000\$
- 2013 **Research Internship**
 Laval University
Research internship at the University of São Paulo
 → 3000\$
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PUBLICATIONS

Desmeules-Trudel, F., & Brunelle, M. (under review). *Phonotactic restrictions condition the realization of vowel nasality contrasts and nasal coarticulation: Duration and airflow measurements in Québécois French and Brazilian Portuguese*. Manuscript submitted to the Journal of Phonetics.

Zamuner, T. S., Moore, C. E., & **Desmeules-Trudel, F.** (2016). Toddlers' sensitivity to within word coarticulation during spoken word recognition: Developmental differences in lexical competition. *Journal of Experimental Child Psychology*, 152, 136-148.

Desmeules-Trudel, F. (2015). The aerodynamics of vowel nasality and nasalization in Brazilian Portuguese. In The Scottish Consortium for ICPhS 2015 (ed.), *Proceedings of the 18th International Congress of Phonetic Sciences*, Glasgow, UK. Paper number 0769.

Desmeules-Trudel, F. (2015). Propriétés aérodynamiques des voyelles nasales et potentiellement nasalisées en français québécois [Aerodynamic properties of Quebecois French nasal and potentially nasalized vowels]. In Vinerte, S. (ed.), *Proceedings of the 2015 Annual Conference of the Canadian Linguistic Association*, Ottawa, ON.

Desmeules-Trudel, F. (2015). Perception of Québec French nasal vowels by Brazilian learners: A pilot study. *Langues et linguistique*, 35, 40-54.

ORAL PRESENTATIONS

Desmeules-Trudel, F., & Zamuner, T. S. (2017). Une explication dynamique de l'interface phonétique-phonologie : Perception de la nasalisation des voyelles en français canadien [A dynamic explanation of the phonetics-phonology interface: Perception of Canadian French vowel nasalization]. Oral presentation at the *Canadian Linguistics Association (CLA) Annual Conference*, Ryerson University, Toronto, ON. May 27-29.

Desmeules-Trudel, F., Moore, C. E., & Zamuner, T. S. (2016). Boat or bone? Children's sensitivity to coarticulation during spoken word recognition. Oral presentation at the *Mental Lexicon 2016 Conference*. University of Ottawa, Ottawa, ON. October 19-21.

Desmeules-Trudel, F., & Zamuner, T. S. (2016). Processing ambiguous vowel nasalization in Canadian French: Reaction times and eye movements. Oral presentation at the *Montreal-Ottawa-Laval-Toronto (MOLT) Phonology Workshop 2016*, Carleton University, Ottawa, ON. March 18-20.

Desmeules-Trudel, F. (2015). The aerodynamics of vowel nasality and nasalization in Brazilian Portuguese. Oral presentation at the *International Congress of Phonetic Sciences (ICPhS) XIII*, Glasgow, Scotland. August 11-14.

Desmeules-Trudel, F. (2013). Perception of Quebec French nasal vowels by Brazilian learners: Acoustic and perceptual factors. Oral presentation at the *37th Meeting of the Atlantic Provinces Linguistics Association (APLA)*, University of Moncton, Moncton, NB. November 1-2.

Desmeules-Trudel, F., & Paradis, C. (2012). La non-importance de l'aspiration phonétique de l'anglais dans les emprunts en thaï [The unimportance of English phonetic aspiration in Thai loanwords]. Oral presentation at the *XVIèmes Journées de linguistique (JDL)*, Laval University, Québec City, QC. March 8.

POSTER PRESENTATIONS

Desmeules-Trudel, F., & Zamuner, T. S. (2018). Comparing bilingual and monolingual toddlers' sensitivity to coarticulation during spoken word recognition. Poster presentation at the *XXI Biennial International Congress on Infant Studies*, Philadelphia, PA. June 30 - July 3.

Desmeules-Trudel, F., & Zamuner, T. S. (2018). The use of phonetic variability for word recognition depends on stimulus ambiguity. Poster presentation at *LabPhon 16* Conference, University of Lisbon, Lisbon, Portugal. June 22-29.

Desmeules-Trudel, F., & Zamuner, T. S. (2017). Categorical patterns, phonetic integration and within-category variability in the recognition of spoken words in a second language. Poster presentation at the *Annual Meeting on Phonology 2017*, New York University, New York City, NY. September 15-17.

Pilin, M., **Desmeules-Trudel, F.**, Piché, É., & Zamuner, T. S. (2017). Children use coarticulation cues during spoken word recognition. Poster presentation at the *Canadian Linguistics Association (CLA) Annual Conference*, Ryerson University, Toronto, ON. May 27-29.

Desmeules-Trudel, F., & Zamuner, T. S. (2016). Processing of coarticulatory nasalized vowels and phonological nasal vowels in Canadian French. Poster presentation at the *LabPhon 15* Conference, Cornell University, Ithaca, NY. July 13-16.

Desmeules-Trudel, F. (2016). Real-time processing at the phonetics-phonology interface: L1 and L2 perception of Canadian French nasalization. Poster presentation at the *Experimental Methods in Language Acquisition Research (EMLAR) Workshop XII*, Utrecht University, Utrecht, The Netherlands. April 20.

Desmeules-Trudel, F. (2015). Propriétés aérodynamiques des voyelles nasales et potentiellement nasalisées en français québécois [Aerodynamic properties of Quebecois French nasal and potentially nasalized vowels]. Poster presentation at the *Canadian Linguistics Association (CLA) Annual Conference*, University of Ottawa, Ottawa, ON. May 30.

PRESENTATIONS AS INVITED SPEAKER

Desmeules-Trudel, F. (2017). The phonetics-phonology interface: Spoken word recognition and vowel nasalization in L1 Canadian French. Oral presentation for *LIN3320 Phonological Theory* (Dr. Kevin McMullin), University of Ottawa, Ottawa, ON. November 13.

Desmeules-Trudel, F. (2017). Coarticulation, contrast and spoken word recognition in a second language: Eye tracking and event-related potentials. Oral presentation at the *Sound Learning Group meeting*, Donders Institute for Brain, Cognition and Behaviour, Radboud University Nijmegen, Nijmegen, Netherlands. May 10.

Desmeules-Trudel, F. (2016). R Workshop (part 1 – Basic components, part 2 – Graphing and statistics). Workshop for the Linguistics Department, University of Ottawa, Ottawa, ON. February 5 and February 12.

Desmeules-Trudel, F. (2013). Phonetic similarity of Quebec French and Brazilian Portuguese nasal vowels: Dispersion measures and vowel inherent spectral change (VISC). Oral presentation at the *Reunião do Grupo de Estudos Fonéticos (GEF)*, University of São Paulo, São Paulo, Brazil. March 22.

Desmeules-Trudel, F. (2013). Variabilité individuelle pour la production des voyelles nasales en français québécois en en portugais brésilien et implications pour la perception L2 [Individual variability in the production of Quebecois French and Brazilian Portuguese nasal vowels and implications for L2 perception]. Oral presentation at the *Midi-rencontre du Département de langues, linguistique et traduction*, Laval University, Québec City, QC. February 1.

Desmeules-Trudel, F. (2012). Phonetics for teaching, and teaching phonetics: Perception and acquisition of Québec French by Brazilian learners. Oral presentation for *ANG2500 General and Contrastive Phonetics* (Dr. Andrée Lepage), Laval University, Québec City, QC. November 30.

MANUSCRIPTS IN PREPARATION

Desmeules-Trudel, F., & Zamuner, T. S. (in preparation). Listeners gradiently integrate low-level phonetic information when presented with ambiguous stimuli. Manuscript in preparation for *Attention, Perception, and Psychophysics*.

Desmeules-Trudel, F., & Zamuner, T. S. (in preparation). Differences in coarticulatory nasalization processing between monolingual and bilingual children. Manuscript in preparation for *Developmental Science*.

RESEARCH EXPERIENCE

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|-----------|--|------------------------------------|
| 2016 | Research assistant
Department of Linguistics – University of Ottawa
→ Linguistics Laboratories (SPL, CCLR, ERPLing)
<i>Dr. Tania Zamuner, Dr. Marc Brunelle, Dr. Laura Sabourin</i> | <i>winter semester</i> |
| 2013-2014 | Research assistant
Department of Linguistics – University of Ottawa
→ Voice identification project
<i>Royal Canadian Mounted Police</i> | <i>fall & winter semesters</i> |
| 2013-2014 | Research assistant
Department of Linguistics – University of Ottawa
→ Centre for Child Language Research
<i>Dr. Tania Zamuner</i> | <i>fall & winter semesters</i> |
| 2012 | Research assistant
Department of Languages, Linguistics and Translation – Université Laval
→ Speech motor control in Parkinson's-affected patients
<i>Dr. Johanna-Pascale Roy and Dr. Vincent Martel-Sauvageau</i> | <i>summer semester</i> |

2010-2011 **Research assistant** *various semesters*
 Department of Languages, Linguistics and Translation – Université Laval
 → CoPho Project
Dr. Carole Paradis

TEACHING EXPERIENCE

Courses taught

2017 **Department of Linguistics – University of Ottawa**
→ LIN3725 Phonétique intermédiaire *fall semester*
(*Intermediate Phonetics*)

2015 **Department of Linguistics – University of Ottawa**
→ LIN3750 Psycholinguistique *fall semester*
(*Psycholinguistics*)

2012 **Department of Languages, Linguistics and Translation – Université Laval**
→ LNG1002 Notions fondamentales de phonétique et de phonologie
(*Fundamental notions in phonetics and phonology*)
fall semester 2012

Teaching assistantships

2014-2018 **Department of Linguistics – University of Ottawa**
 → LIN2355 Second Language Acquisition (Dr. Laura Sabourin)
 → LIN4735 Physiologie de la parole (Dr. Ian MacKay)
 (*Speech physiology*)
 → LIN1720 Les sons du langage (Dr. Kathleen Brannen)
 (*Sounds of language*)
 → LIN4726 Acoustique de la parole (Dr. Marc Brunelle)
 (*Speech acoustics*)

2011-2012 **Language School – Université Laval**
 → French as a L2 program (Québec Ministry of Immigration)

2010-2011 **Department of Languages, Linguistics and Translation – Université Laval**
 → LNG2000 Phonologie I (Dr. Carole Paradis)
 (*Phonology I*)
 → LNG3100 Phonologie II (Dr. Carole Paradis)
 (*Phonology II*)

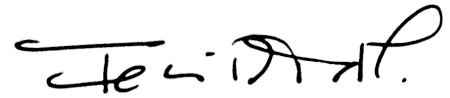
EXTRACURRICULAR ACTIVITIES

- 2017 **Research intern** *January 9 to May 15*
Sound Learning Group and Brain-Computer Interface group
 Donders Institute for Brain, Cognition and Behavior
 Nijmegen, The Netherlands
 → Supervisor: Dr. James McQueen
- 2016 **Presenter** *November 5*
 Department of Linguistics – University of Ottawa
 Ottawa, ON
 → University of Ottawa Open House – *Studying Linguistics*
- 2016 **Participant** *April 19-21*
 Utrecht Institute of Linguistics OTS – Utrecht University
 Utrecht, The Netherlands
 → Experimental Methods in Language Acquisition Research (EMLAR) Workshop XII
- 2016 **Member of the organizing committee** *February 27*
 Department of Linguistics – University of Ottawa
 Ottawa, ON
 → Psychoshorts 2016
- 2014 **Participant** *May 4-8*
 Centre for Comparative Psycholinguistics – University of Alberta
 Edmonton, Alberta
 → Spring Training in Experimental Psycholinguistics (STEP)
- 2013-2015 **Committee member**
 Department of Linguistics – University of Ottawa
 Ottawa, ON
 → Invited Speakers Committee
- 2013 **Research intern** *February 11 to June 11*
 Department of Linguistics – University of São Paulo
 São Paulo, Brazil
 → Supervisor: Dr. Beatriz Raposo de Medeiros
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ARTICLE REVIEWING

- Mind, Brain, and Education (in collaboration with Dr. Tania Zamuner)
- uOttawa OLBI (Official Languages and Bilingualism Institute) Working Papers
- Psychoshorts 2016 (University of Ottawa, Ottawa, ON)
- Canadian Journal of Linguistics

- Applied Psycholinguistics (in collaboration with Dr. Tania Zamuner)
 - XVI^{èmes} Journées de linguistique (Laval University, Québec City, QC)
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A handwritten signature in black ink, appearing to read 'Félix Desmeules-Trudel'.

Updated: February 19th, 2017