

## A. BIOGRAPHICAL INFORMATION

### 1. PERSONAL

Jessamyn Schertz  
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Phone: (905) 569-4684

Department of Language Studies, University of Toronto Mississauga  
Maanjiwe nendamowinan, 4<sup>th</sup> floor  
3359 Mississauga Road North  
Mississauga, ON L5L1C6  
Canada

### 2. DEGREES

2014      Ph.D., Linguistics, University of Arizona

Dissertation: *The structure and plasticity of phonetic categories across languages and modalities*  
Supervisor: Natasha Warner

2013      M.S., Human Language Technology, University of Arizona

2006      B.A., Classical Languages, Carleton College

### 3. EMPLOYMENT

2016-      Associate Professor (2022-present)  
Department of Language Studies, University of Toronto Mississauga

Graduate faculty member (2016-present)  
Department of Linguistics, University of Toronto

Graduate faculty member (2018-present)  
Department of Psychology, University of Toronto

2014-2016      Postdoctoral Research Associate  
Supervisor: Yoonjung Kang  
Centre for French and Linguistics, University of Toronto Scarborough

#### 4. HONOURS

N/A

#### 5. PROFESSIONAL AFFILIATIONS AND ACTIVITIES

2023-present Associate editor, *Language and Speech*

### B. ACADEMIC HISTORY

#### 6. A. RESEARCH ENDEAVOURS

My research focuses on speech perception, speech production, and the link between the two. Much of my work examines how listeners integrate different sources of information during speech perception, and how this is shaped by linguistic, cognitive, and social factors.

#### B. RESEARCH AWARDS

##### Principal applicant

- |           |   |
|-----------|---|
| 2020-2026 | NSERC Discovery Grant: Examining the perception-production link in speech processing through the lens of accent imitation (Grant number RGPIN-2020-05841) (\$138,952 CAD).  |
| 2024-2025 | SSHRC Connections Grant: New Sounds 2025: The 11 <sup>th</sup> International Symposium on the Acquisition of Second Language Speech (Grant number 611-2024-0159) (\$24,915 CAD) (with co-applicants Laura Colantoni, Yoonjung Kang, Anabela Rato, and Gemma Repiso Puigdeliura) |
| 2021      | University of Toronto Mississauga Research and Scholarly Activity Fund: "AccentCorpus: a shared resource for the study of linguistic diversity and the perception of accented speech" (\$9,120 CAD).  |
| 2019      | University of Toronto Mississauga Research and Scholarly Activity Fund: "Factors Influencing Perceptual Adaptation of Sound Categories: The Effect of Listener Experience" (\$7,722 CAD).   |
| 2019      | UTM Decanal Graduate Expansion Fund Award for Interdisciplinary Graduate Workshop in Summer 2019: Building Synergies between Psychology, Language Studies, and Computer Science at UTM and beyond (with E. Johnson, C. Chambers, and B. Beekhuizen) (\$10,344 CAD).             |
| 2017-2020 | SSHRC Insight Development Grant: Shifting perception: How listeners adapt to a multi-accented world (Grant number 430-2017-00011) (\$56,263 CAD).   |

- 2013 National Science Foundation Doctoral Dissertation Research Improvement Grant: Structure and Plasticity of Bilingual Sound Systems (Award #BCS-1324668 with Natasha Warner) (\$12,903 USD).
- 2013 National Science Foundation East Asia and Pacific Summer Institutes for U.S. Graduate Students (Award #1311026).

### **Co-applicant/Collaborator**

- 2021-2022 NSERC Research Tools and Instruments: Using eye-tracking and in-depth video analysis to understand how speech input relates to speech development (Grant number RTI-2021-00487) (\$117,990 CAD) (Co-applicant; Principal Investigator Elizabeth Johnson)
- 2019-2025 SSHRC Insight Grant: The impact of phonetic variability on bilingual morphosyntax: The case of Spanish-English bilinguals (Grant number 430-2017-00011) (\$179,979 CAD) (Collaborator; Co-investigators Laura Colantoni and Ana Teresa Perez-Leroux).

### **Funding for trainees**

- 2024 NSERC Undergraduate Student Research Award to Shahad Badr (\$6000 CAD)
- 2019 University of Toronto Excellence Award to Anna Lyashenko (\$6000 CAD)
- 2018 University of Toronto Excellence Award to Crystal Chow (\$6000 CAD)
- 2018 UTM Undergraduate Research Award to Crystal Chow (\$500)

## **C. SCHOLARLY AND PROFESSIONAL WORK**

### **7. REFEREED PUBLICATIONS**

#### **A. PEER-REVIEWED ARTICLES**

Paquette-Smith, M. and **J. Schertz**. (accepted). Is there a bilingual advantage in implicit and explicit imitation? *Journal of Speech, Language, and Hearing Research*

**Schertz, J.** 2025. Individual uniformity in phonetic imitation: Assessing the stability of individual variability across features and tasks. *Journal of Phonetics*, 108, 101376.

**Schertz, J.**, Adil, F., and Kravchuk, A. 2023. Underpinnings of explicit phonetic imitation: perception, production, and variability. *Glossa Psycholinguistics*. 2(1).

**Schertz, J.**, and M. Paquette-Smith. 2023. Imitation of shortened and lengthened voice onset time in an imitation task. *The Journal of the Acoustical Society of America - Express Letters*. 3(2), 025201.

Clare, E., and **J. Schertz**. 2022. The influence of heritage language experience on perception and imitation of prevoicing. *Languages* 7(4): 302.

**Schertz, J.**, and E. K. Johnson. 2022. VOT imitation by teens and adults. *Journal of Speech, Language and Hearing Research*. 65(5): 1839-1850.

**Schertz, J.** and Y. Kang. 2022. Phonetic cue competition within multiple phonological contrasts: Perception of Seoul Korean sibilants. *Korean Linguistics*. 18(1): 1-17.

Monahan, P., **J. Schertz**, Z. Fu, and A. Pérez. 2022. Unified coding of spectral and temporal phonetic cues: Electrophysiological evidence for abstract phonological features. *Journal of Cognitive Neuroscience*. 34(4): 618-638.

Paquette-Smith, M., **J. Schertz**, and E. K. Johnson. 2021. Comparing phonetic convergence in children and adults. *Language and Speech*. 65(1): 240-260.

**Schertz, J.**, M. Paquette-Smith, and E. K. Johnson. 2021. The independent contribution of voice onset time to perceptual metrics of convergence. *The Journal of the Acoustical Society of America - Express Letters*. 1.4:045205

Yu, M., **J. Schertz**, and E. K. Johnson. 2021. The Other Accent Effect in talker recognition: Now you see it, now you don't. *Cognitive Science*. 45(6):e12986.

Kang, Y., and **J. Schertz**. 2021. The influence of perceived L2 sound categories in on-line adaptation and implications for loanword phonology. *Natural Language and Linguistic Theory*. 39:555-578.

Martinuzzi, C., and **J. Schertz**. 2021. Sorry, Not Sorry: the independent role of multiple phonetic cues in signalling the difference between two word meanings. *Language and Speech*. 65(1): 143-172.

Fung, P., **J. Schertz**, and E. K. Johnson. 2021. The development of gendered speech in children: Insights from adult L1 and L2 perceptions. *The Journal of the Acoustical Society of America - Express Letters*. 1(1):014407

**Schertz, J.**, and S. Khan. 2020. Acoustic cues in production and perception of the four-way stop laryngeal contrast in Hindi and Urdu. *Journal of Phonetics*. 81:100979.

**Schertz, J.**, and E. Clare. 2020. Phonetic cue weighting in perception and production. *WIREs: Wiley Interdisciplinary Reviews: Cognitive Science*. 11(2):e1521.

Jurjec, P., and **J. Schertz**. 2020. Postalveolar co-occurrence restrictions in Slovenian. *Natural Language and Linguistic Theory*. 38(2):499-537.

**Schertz, J.**, K. Carbonell, and A. Lotto. 2020. Language-specificity in phonetic cue weighting: Monolingual and bilingual perception of the stop voicing contrast in English and Spanish. *Phonetica*. 77:186-208.

**Schertz, J.**, C. Chow, and N. S. Nor Kamal. 2019. The influence of tone language experience and speech style on the use of intonation in language discrimination. *The Journal of the Acoustical Society of America - Express Letters*. 146:EL58.

**Schertz, J.**, Y. Kang, and S. Han. 2019a. Sources of variability in phonetic perception: the joint influence of listener and talker characteristics on perception of the Korean stop contrast. *Laboratory Phonology: Journal of the Association for Laboratory Phonology*. 10(1): 13, pp. 1–32.

**Schertz, J.**, Y. Kang, and S. Han. 2019b. Cross-language correspondences in the face of change: phonetic independence vs. convergence in two Korean-Mandarin bilingual communities. *International Journal of Bilingualism*. 21.1.157-199.  
<https://doi.org/10.1177/1367006917728389>

**Schertz, J.**, and K. Hawthorne. 2018. The effect of sentential context on phonetic categorization is modulated by talker accent and exposure. *The Journal of the Acoustical Society of America*. 143(3):EL231-236

**Schertz, J.**, T. Cho, A. Lotto, and N. Warner. 2016. Individual differences in perceptual adaptability of foreign sound categories. *Attention, Perception, & Psychophysics*. 78.1.355-367.

**Schertz, J.**, T. Cho, A. Lotto, and N. Warner. 2015. Individual differences in phonetic cue use in production and perception of a non-native sound contrast. *Journal of Phonetics* 52.183-204.

Warner, N., D. Brenner, **J. Schertz**, A. Carnie, M. Fisher, and M. Hammond. 2015. The aerodynamic puzzle of nasalized fricatives: Aerodynamic and perceptual evidence from Scottish Gaelic. *Laboratory Phonology* 6.2.197-241.

Fabiano-Smith, L., T. Oglivie, O. Maiefski, and **J. Schertz**. 2015. Acquisition of the stop-spirant alternation in bilingual Mexican Spanish-English speaking children: Theoretical and clinical implications. *Clinical Linguistics & Phonetics* 29.1.1-26.

**Schertz, J.**, and M. Ernestus. 2014. Variability in the pronunciation of non-native English 'the': Effects of frequency and disfluencies. *Corpus Linguistics and Linguistic Theory* 10.2. 329-345.

**Schertz, J.** 2013. Exaggerating featural contrasts in clarifications of misheard speech in English. *Journal of Phonetics* 41. 249-263.

## **B. CONFERENCE PROCEEDINGS**

Baird, A., and **J. Schertz**. 2023. Phonetic convergence of gender nonconforming individuals. Proceedings of the *Annual Conference of the Canadian Linguistics Association*.

Zhang, H., and **J. Schertz**. 2023. Phonetic imitation of stops and vowels: individual stability and perceptual underpinnings. *Proceedings of ICPhS*.

Yu, M., **J. Schertz**, and E. K. Johnson. 2022. Do I need to repeat myself? Getting to the root of the Other Accent Effect. *Proceedings of CogSci 2022*.

Jurjec, P., L. Duncan, E. Elfner, Y. Kang, A. Kochetov, B. O'Neill, A. Ozburn, K. Rice, N. Sanders, **J. Schertz**, N. Shaftoe, & L. Sullivan (eds.). 2022. *Proceedings of the 2021 Annual Meeting on Phonology*. Washington, DC: Linguistic Society of America.

**Schertz, J.**, M. Paquette-Smith, and E. K. Johnson. 2019. The relationship between perceptual similarity judgments and VOT convergence in a shadowing task. *Proceedings of ICPhS*.

**Schertz, J.**, Y. Kang, A. Kochetov, E. Kong, and S. Han. 2015. Dialectal variability in place and manner of Korean affricates. *Proceedings of ICPhS*.

Choi, J., E. A. Hogue, J. Punske, D. Tat, **J. Schertz**, and A. Trueman (eds). 2012. *Proceedings of the 29th West Coast Conference on Formal Linguistics*. Cascadia Press.

Turco, G., M. Gubian, and **J. Schertz**. 2011. A quantitative investigation of the prosody of Verum Focus in Italian. *Proceedings of Interspeech* 12.961-964.

### C. BOOK CHAPTERS

Kang, Y., Han, S., Ryu, N-Y., **Schertz, J.**, and Yun, S. 2024. Front rounded vowels of Heritage Korean in Northern China. In: Rao, R., ed. *The Phonetics and Phonology of Heritage Languages*. Cambridge University Press:16-42.

Kang, Y., **J. Schertz** and Sungwoo Han. 2021. The phonology and phonetics of Korean stop laryngeal contrasts. In Cho, S, and J. Whitman (eds.), *The Cambridge University Press Handbook of Korean Linguistics*. Cambridge: Cambridge University Press.

### 8. NON-REFEREED PUBLICATIONS

N/A

### 9. WORK IN PREPARATION

Escobar, L., and **J. Schertz**. Gender Differences in F0, Intonation and Particle Use in Conversation and Performative Speech in Japanese. Submitted to *Journal of Japanese Linguistics*.

Yu, M., **J. Schertz**, and E. K. Johnson. What makes other-accented talkers difficult to identify? Under revision at *Journal of Experimental Psychology: Human Perception and Performance*.

### 10. CONFERENCE PRESENTATIONS

**Schertz, J.**, Fung, P., Dhillon, A. K., Gómez, F. R., Chan, H. S. Y., Pojanapotha, P., Johnson, E. K., & VanderLaan, D. 2025. Gender-based differences in Thai children's speech: a preliminary investigation. *NWAV-Asia-Pacific 8*, Singapore (oral presentation).

Simonet, M., M. Abdennebi, B. El Harrak, & **J. Schertz**. 2025. Perception of English stop voicing contrasts by L1 Arabic L2 English learners. *New Sounds 2025* (oral presentation).

Badr, S., & **J. Schertz**. 2025. You sound just like me: A comparative study of phonetic imitation in adults and children. *Montréal-Ottawa-Toronto-Hamilton Phonology/Phonetics Workshop*, Toronto (oral presentation).

**Schertz, J.**, P. Fung., & E. K. Johnson. 2024. Influence of bilingualism on phonetic imitation in children: a preliminary study. *Phonetic imitation: representation, sound change, and other theoretical implications: Satellite session of LabPhon 2024*, Seoul (oral presentation).

Clare, E. J., & **J. Schertz**. 2024. Effects of talker accent and listener language background on lexical retuning and phonetic categorization. *LabPhon 2024*, Seoul (poster presentation).

Fung, P., **J. Schertz**., & E. K. Johnson. 2024. Like father/mother, like son/daughter? The influence of parents on children's gendered speech production. *LabPhon 2024*, Seoul (poster presentation).

- Baird, A., & **J. Schertz**. 2023. Phonetic convergence by gender non-conforming individuals. *Annual meeting of the Canadian Linguistics Association* (oral presentation).
- Fung, P., **J. Schertz**, & E. K. Johnson. 2023. It starts at home: the role of parental socialization on the development of gendered speech. *CogSci 2023* (poster presentation).
- Schertz, J.**, & H. Zhang. 2023. Cross-linguistic differences in perception and imitation of prevoicing. *International conference on experimental phonetics/Congreso internacional de fonética experimental* (oral presentation).
- Schertz, J.** 2023. Stability of individual differences in convergence across features and tasks. *Phonetics and Phonology in Europe* (oral presentation).
- Schertz, J.** 2023. Prevoicing in English stops: variation within and across dialects. *PAC 2023 – Spoken English varieties: interfaces and multidimensional approaches* (oral presentation).
- Clare, E. J. and **J. Schertz**. 2022. Perception and imitation of prevoicing across language backgrounds. *Acoustical Society of America Annual Meeting* (poster presentation).
- Clare, E. J., EJ Guerrero, A. Kravchuk, I. Mroke, D. Rodrigo, and **J. Schertz**. 2021. Perception and production of prevoicing. *Summer Phonetics/Phonology Forum*, University of Toronto (oral presentation).
- Schlegl, L. and **J. Schertz**. Production and perception of mock speech. 2021. *Summer Phonetics/Phonology Forum*, University of Toronto (oral presentation).
- Fung, P., **J. Schertz**, and E. K. Johnson. 2021. The development of children's sensitivity to how boys and girls talk. *Society for Research in Child Development Virtual Biennial Meeting* (poster presentation).
- Schertz, J.** 2020. Imitation and perception of individual accented features. *LabPhon 17* (virtual poster presentation).
- Schertz, J.** 2020. Interactive visualization in speech research. *Lightning Lunch: Programming Relationships*, University of Toronto Mississauga (oral presentation).
- Lyashenko, A., and **J. Schertz**. 2019. Is Russian palatable for English speakers? *PsyLinCS-UTM* (poster presentation).
- Zosel, A., Hawthorne, K., **Schertz, J.**, and Loveall, S. 2019. Interactions between contextual and phonetic information in children and adults' perception of non-native speech. *ASHA Annual Convention* (poster presentation).
- Schertz, J.**, Yu, M., Johnson, E. K., and Chambers, C. 2019. Phonetic cue weighting in an L2 shadowing task. *L2 Pronunciation Research Workshop: bridging the gap between theory and practice* (oral presentation).
- Monahan, P., Pérez, A., and **J. Schertz**. 2019. Abstract Phonological Features: EEG Evidence from

English Voicing. *Canadian Linguistics Association* (oral presentation).

Carbonell, K., **J. Schertz.**, and A. Lotto. 2018. Monolingual and Bilingual perceptual cue weighting for voicing contrast in English and Spanish. *Psychonomic Society Annual Meeting*, New Orleans (poster presentation).

Soo, R., Ting, C., and **J. Schertz.** 2018. Visual gender biases in English stop voicing perception. *Acoustical Society of America Annual Meeting*, Victoria (poster presentation).

Howson, P., and **J. Schertz.** 2018. The role of F2 and F3 in the perception of liquids for Hindi and Mandarin listeners. *Acoustical Society of American Annual Meeting*, Victoria (poster presentation).

Chow, C., N. S. Nor Kamal, and **J. Schertz.** 2018. Use of segmental and prosodic cues in adult language discrimination: Effects of language experience and speaking style. *3rd Asian Junior Linguists Conference*, The University of Hong Kong (oral presentation).

Ting, C., R. Soo, and **J. Schertz.** 2018. Investigating the use of visual gender cues in English stop voicing perception. *Summer Phonology Forum 2018* (oral presentation), University of Toronto.

Chaudhari, G., C. Chow, S. Khan, A. Lyashenko, and **J. Schertz.** 2018. Perception of Hindi and Urdu voiced aspirates. *Summer Phonology Forum 2018* (oral presentation), University of Toronto.

**Schertz, J.** 2018. Effect of L1 phonation contrast on production of L2 English stops. *Acoustical Society of America Annual Meeting*, Minneapolis (poster presentation).

**Schertz, J.**, and K. Hawthorne. 2018. Sentential context effects on phonetic categorization in talkers with non-native and regional accents. *LabPhon 16*, Lisbon (poster presentation).

**Schertz, J.** 2018. Accented stops? L1-based variation in L2 stop production. *Linguistic Perspectives on Variation*, University at Buffalo (oral presentation).

Monahan, P., and **J. Schertz.** 2017. Auditory cortex represents abstract phonological features: a Mismatch Negativity study of English voicing. *Society for the Neurobiology of Language*, Baltimore (poster presentation).

**Schertz, J.** 2017. Listening differently to accented talkers: Use of acoustic and contextual cues in perception of native vs. non-native speech. *CRC-Sponsored Phonetics and Phonology Workshop*, University of Toronto (oral presentation).

**Schertz, J.**, and K. Hawthorne. 2017. Top-down influence on phonetic categorization of native vs. non-native speech. *Acoustical Society of America Annual Meeting*, Boston (poster presentation).

**Schertz, J.**, H. Buckler, C. Klammer, and E. K. Johnson. 2017. A bear called Baddington? Variability and contrast enhancement in accented infant-directed speech. *Acoustical Society of America Annual Meeting*, Boston (poster presentation).

Kang, Y., and **J. Schertz.** 2017. L2 categories in perceptual adaptation and implications for loanword phonology. *Phonetics and phonology in loanword adaptation*, Cologne (poster

presentation).

**Schertz, J.**, Y. Kang, and S. Han. 2017. Phonetic cue enhancement in hyperarticulation of Korean sibilants. *Abstraction, Diversity and Speech Dynamics*, Munich (poster presentation).

**Schertz, J.**, Y. Kang, and S. Han. 2017. Dialectal variation and change in production and perception of the Korean fricative contrast. *4th Workshop on Sound Change*, Edinburgh (poster presentation).

Kang, Y., **J. Schertz**, and S. Han. 2017. The Production-Perception link in tonogenetic sound change in three dialects of Korean. *4th Workshop on Sound Change*, Edinburgh (oral presentation).

Kang, Y., and **J. Schertz**. 2016. The role of perceived L2 category in cross-language perception and implications for loanword adaptation. *2016 Annual Meeting on Phonology*, University of Southern California (oral presentation)

**Schertz, J.**, Y. Kang, and S. Han. 2016. How much does the talker matter? Depends on who's listening: Age-related variability in the use of social information in speech perception. *LabPhon 15*, Ithaca, NY (poster presentation).

**Schertz, J.**, Y. Kang, S. Han, Y.-L. Lin, and A. Kochetov. 2016. Cross-language interaction and variation in Mandarin and Korean affricates. *NWAV-Asia-Pacific 4*, Taiwan (oral presentation).

Kang, Y., **J. Schertz**, and S. Han. 2016. A competition of local and supralocal norms in two Chinese Korean dialects: a case study of /y/. *NWAV-Asia-Pacific 4*, Taiwan (oral presentation).

Kang, Y., **J. Schertz**, and S. Han. 2015. Laryngeal classification of Korean fricatives: evidence from sound change and dialect variation. *Phonetics and Phonology in Europe* (poster presentation).

**Schertz, J.**, and Y. Kang. 2015. Cross-language perception tasks: the role of acoustics vs. experience. *CRC Phonetics/Phonology Workshop*, University of Toronto.

**Schertz, J.**, Kang, Y., and Han, S. 2015. The role of acoustic evidence in resolving phonological ambiguity. *Canadian Linguistics Association* (oral presentation).

**Schertz, J.** 2015. Learning different things from the same input: How initial category structure shapes phonetic adaptation. Human Language Processing Lab, University of Rochester.

**Schertz, J.** 2015. How baseline differences in (non-native) phonetic category structure can shape patterns of perceptual learning. Human Communication Lab, Department of Psychology, University of Toronto Mississauga.

**Schertz, J.**, Y. Kang, S. Han, and E. Kong. 2015. Diachronic change in perception of Korean sibilants. *Acoustical Society of America Annual Meeting*, Pittsburgh, PA (poster presentation).

Kang, Y., **J. Schertz**, and S. Han. Vowels of Korean Dialects. 2015. *Acoustical Society of America Annual Meeting*, Pittsburgh, PA (poster presentation).

Gebregziabher, K., and **J. Schertz**. 2015. Phonological and phonetic variation in velar plain and

ejective obstruents in Tigrinya. Montreal-Ottawa-Laurier-Toronto Phonology Workshop.

**Schertz, J.** 2014. Learning new sounds: Exploring how native language shapes how we hear foreign sounds (and when it doesn't). Plenary, *2nd Undergraduate Linguistics Conference*, Centre for French and Linguistics, University of Toronto Scarborough.

**Schertz, J.**, and Lotto, A. 2014. Language is not destiny! Task-specific factors, and not just native language biases, influence foreign sound categorization strategies. *Acoustical Society of America Annual Meeting*, Indianapolis, IN (poster presentation).

**Schertz, J.**, N. Warner, and A. Lotto. 2014. Acoustic cue weighting in perception and production of English and Spanish. *Acoustical Society of America Annual Meeting*, Providence, RI (poster presentation).

**Schertz, J.**, N. Warner, A. Lotto, and T. Cho. 2014. Phonetic cue weighting strategies in a non-native language: individual variability and plasticity. *The Linguistic Society of America Annual Meeting*, Minneapolis, MN (poster presentation).

**Schertz, J.**, A. Lotto, N. Warner, and T. Cho. 2013. Acoustic cue weighting across modalities in a non-native sound contrast. *Acoustical Society of America Annual Meeting*, San Francisco, CA (oral presentation).

**Schertz, J.** 2012. Featural enhancement in clarification of misheard stops in Spanish. *Acoustical Society of America Annual Meeting*, Kansas City, MO (poster presentation).

Kittleson, M., **J. Schertz**, R. Diehl, and A. Lotto. 2012. Distributional learning in categorization of speech and non-speech sounds. *The Psychonomic Society 53rd Annual Meeting* (poster presentation).

**Schertz, J.**, D. Archangeli, J. Berry, A. Carnie, J. Fisher, M. Fisher, and J.-H. Sung. 2011. Epenthetic vowels and harmony in Scottish Gaelic: a preliminary report. *International Congress of Celtic Studies*, Maynooth, Ireland (oral presentation).

Warner, N., **J. Schertz**, A. Carnie, M. Fisher, L. Mathieu, C. Gorrie, M. Hammond, and D. Archangeli. 2011. Timing of perceptual cues in Scots Gaelic. *Acoustical Society of America Annual Meeting*, San Diego, CA (poster presentation).

Archangeli, D., J. Berry, C. Gorrie, L. Mathieu, **J. Schertz**, and J.-H. Sung. 2010. Timing of tongue tip and dorsum gestures in French and Georgian /l/'s. *LabPhon 12*, Albuquerque, New Mexico.

## 11. INVITED TALKS

**Schertz, J.** 2023. The stability of individual differences in phonetic imitation across features and tasks. SRPP colloquium, Laboratoire de Phonétique et Phonologie, Paris Sorbonne Nouvelle (invited oral presentation).

**Schertz, J.** 2022. Underpinnings of phonetic imitation. McGill Department of Linguistics Colloquium (invited oral presentation).

**Schertz, J.** 2018. What you hear depends on who (you think) is talking: How listeners' expectations about the talker shape speech perception. Colloquium talk, University of Ottawa (invited oral presentation).

## **D. LIST OF COURSES TAUGHT**

### **12. A. UNDERGRADUATE COURSES TAUGHT**

*\* Developed first iteration of the course*

*^ Substantially redesigned the course*

#### **University of Toronto Mississauga Department of Language Studies (Undergraduate)**

- JLP384H5: Speech Communication (2024, 2025) \*
- LIN101H5 Introduction to General Linguistics: The Sounds of Language (2017, 2018, 2019, 2020, 2021) ^
- LIN228H5 Phonetics (2016, 2018, 2024, 2025) ^
- LIN229H5 Sound Patterns in Language (2017)
- LIN318H5: Talking Numbers (2023) ^
- LIN327H5 Speech Perception (2020) \*
- LIN328H5 Acoustic Phonetics (2018, 2019, 2022, 2024) ^
- LIN335H5 Phonetics and Phonology of English (2017) ^
- LIN299/LIN399H5 Research Opportunity Program (2017, 2018, 2019, 2020, 2021, 2022, 2025)
- LIN421H5 Speaking and Hearing with an Accent (2019) \*
- LIN495H5 Facilitated Study Group Leaders (2018, 2019, 2020)
- LIN496H5 Independent Study (2018, 2024, 2025)

#### **University of Arizona (Undergraduate)**

- LING 201 Introduction to Linguistics (2009, 2010)
- LING 314 Phonetics (2011)
- LING 320 Language and Society (2009)

## **B. GRADUATE COURSES TAUGHT**

#### **University of Toronto (Graduate)**

- LIN1211 Advanced Phonetics - Phonetic imitation (2021)
- LIN1105 Advanced Quantitative Methods in Linguistics (2018, 2020, 2022) \*
- LIN1211 Advanced Phonetics - Phonetic cue weighting in a multidimensional space (2017)
- LIN1276 Topics in Speech Perception: Adaptation in speech perception (2024)
- LIN1505 Independent Reading Course (2018)

## C. THESES SUPERVISED

*Secondary/subsidiary supervisions are shaded in grey.*

### Postdoctoral Fellow

2020-2022	Emily Clare	UTM Postdoctoral Fellow	supervisor
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### PhD thesis supervision and committee membership

2024-present	Jade Fok	TBA	co-supervisor (with Elizabeth Johnson) (Psychology)
2021-present	Koorosh Ariyae	Representation of non-canonical forms in Persian	co-supervisor (with Philip Monahan)
2018-2024	Maida Percival	Cross-linguistic perception and production of ejectives	supervisor
2020-2022	Lisa Sullivan	Variation in the perception of pre-velar /ae/-raising	supervisor
2017-2018	Emily Clare	Dynamicity in speech perception	supervisor
2022-present	Connie Ting	TBA	committee member (McGill Linguistics)
2021-2025	Madeleine Yu	The Other Accent Effect in human voice recognition	committee member (Psychology)
2021-2025	Insiya Bhalloo	Phonological awareness in English and Urdu	committee member (Rehabilitation Sciences)
2020-2024	Jessica Yeung	ATR harmony in artificial language learning	committee member
2016-present	Emily Blamire	Own Bias in language perception and processing	committee member
2022-2024	Vanina Machado	Spanish prosody on the Uruguayan-Brazilian border	committee member
2022-2023	Radu Craioveanu	Weighing preaspiration: Phonetics, phonology, & typology of a laryngeal phenomenon	committee member
2018-2023	Kiranpreet Nara	An acoustic and electroglottographic study of Punjabi	committee member
2019-2023	Pocholo Umbal	Sociophonetic variation and change in heritage Tagalog	committee member
2017-2023	Ruth Maddeaux	Individual differences as predictors of participation in sound change	committee member
2019-2022	Katharina Pabst	Co-occurrence of dialect features in Northern Maine English: Evidence from the individual and the community	committee member
2017-2019	Patrick Murphy	Listening to Writers and Riders: Partial Contrast, Dialect Exposure, and Canadian Raising	committee member

2017-2018	Na-Young Ryu	Effects of web-based perceptual training on the perception of Korean sounds by Mandarin learners of Korean	committee member
<b>External examiner</b>			
2024	Sara Pearsell	Effects of acoustic speech variation on personality trait perception	external evaluator (McMaster University)
<b>Thesis examiner</b>			
2025	Priscilla Fung	Navigating Variability: Language Development in Linguistically Diverse Environments	examiner (Psychology)
2024	Tiana Wei	Neurocognitive components of word retrieval ability across the adult lifespan	examiner (Psychology)
2023	Andrei Munteanu	Probabilistic evaluation of comparative reconstructions	examiner
2020	Ruth Martinez	The bidirectional acquisition of oral and nasal gestures in L2 Brazilian Portuguese and Rioplatense Spanish nasal structures	examiner (Spanish and Portuguese)
2020	Olivia Marasco	“Are you asking me or telling me?” Perception of Y/N questions and statements in L2 Spanish	examiner (Spanish and Portuguese)
2018	Melissa Paquette-Smith	The effect of accent exposure on social cognition and language acquisition in early childhood	examiner (Psychology)

#### MA thesis supervision (primary and subsidiary)

2023-24	Laura Escobar	Gender Differences in F0, Intonation and Particle Use in Conversation and Performative Speech in Japanese	supervisor
2019-20	Crystal Chow	Contrastive hyperarticulation of lexical tones in Cantonese	supervisor
2018-19	Caitlyn Martinuzzi	Sorry, not sorry: phonetic variability in homophones	supervisor
2022	Abram Clear	Identifiably Italian: acoustic features of the Toronto Italian ethnolinguistic repertoire	second reader
2021	Nicoline Butler	The phonetic profile of Korean honorifics	second reader
2021	Anissa Baird	Goldilocks & the three voice actors: Gender expression and its representations in video games	second reader
2019	Philippe Thomas	The effect of English on the realization of obstruent contrasts in Toronto Korean	second reader
2019	Madeleine Yu	Investigating the nature of the Language Familiarity Effect in infants, children and adults	subsidiary advisor (Psychology)
2018	Mia Misic	Slovenian Sibilant Harmony	second reader

2018	Connie Ting	L2 vowel production by Canadian English learners of French	second reader
2017	Mary Aksim	Perceiving the Canadian Vowel Shift	second reader
2017	Luke Zhou	Taipei Mandarin speakers' accommodation of Beijing Mandarin fricatives	second reader

### PhD generals paper supervision (primary and subsidiary)

2024-	Laura Escobar	TBA	supervisor
2024-	Anissa Baird	Phonetic convergence by gender non-conforming individuals	supervisor
2019-2023	Kelly-Ann Blake	A less covert approach to speech accommodation: convergence during an online task	supervisor
2020	Lisa Schlegl	Phonetic correlates of performance discourse	supervisor
2019-2020	Lisa Sullivan	The perception-production link in phonologically-conditioned pre-velar /ae/-raising	supervisor
2019	Andrei Munteanu	Check Mate and Smile: Phonetic cues of emotions in the speech of Chess Grandmasters	supervisor
2018-2019	Jessica Yeung	The role of phonetic and typological naturalness in the learning of sound patterns	supervisor
2018-2019	Pocholo Umbal	/u/-fronting in heritage Tagalog	supervisor
2017-2018	Lex Konnelly	Use of creak in transgender non-binary transition vlogs	supervisor
2025-	Juhyung Cho	TBA	second reader
2024	Nick Haggarty	French OLS Sequence Simplification in Elite Montreal French	second reader
2024	Jack Mahlmann	Can you hear the silence? Perceptual learning of plain-ejective contrast	second reader
2022	Song Jiang	Cue weighting in Mandarin tone perception	third reader
2020-2021	Koorosh Ariyae	Acoustics of Persian uvular lenition	second reader
2020-2021	Zhanan Fu	The influence of time, frequency, and language on biases in pitch change detection: a memory trace shift account	second reader
2020	Lauren Bigelow	Likes hockey, drives a truck, wears plaid, etc.: Ideological and indexical associations of GOAT ungliding in Ontario	second reader
2020	Koorosh Ariyae	Hiatus in Persian	third reader
2020	Sahar Taghipour	Early Morphological Decomposition: The Effect of Derivational Gaps	third reader
2019-2020	Tim Gadanidis	The social meanings of 'uh' and 'um'	second reader
2018-2019	Katharina Pabst	Glide deletion in Toronto English	second reader

2018	Kiranpreet Nara	Imitation of Mandarin tones by L2 Mandarin learners	third reader
2016-2017	Kiranpreet Nara	Acoustic and electroglottographic study of heritage and native Gujarati speakers	second reader
2017	Na-Young Ryu	The role of L2 language proficiency in perception: The Korean stop and affricate contrasts by Mandarin learners of Korean	second reader
2015	Patrick Murphy	The effect of affrication patterns on perceptual tendencies in French	third reader
2015	Na-Young Ryu	Adaptation of Mandarin falling diphthongs in Chinese Korean: The role of linguistic and sociolinguistic factors	second reader

### Other graduate supervision/committee membership

2020-2021	Priscilla Fung	The development of children's sensitivity to how boys and girls talk	Outside project (PhD Psychology)	supervisor
2022-present	Anne Cabildo	TBD	Foundational Research Project (PhD Psychology)	committee member
2022-present	Emily Shroads	TBD	Foundational Research Project (PhD Psychology)	committee member

### Undergraduate Supervision

#### NSERC Undergraduate Student Research Award

- 2024: Shahad Badr

#### University of Toronto Excellence Award (summer research program)

- 2025: Holly Sin Yan Chan (co-supervised with Doug VanderLaan)
- 2019: Anna Lyashenko
- 2018: Crystal Chow

#### Research Opportunity Program

- 2025: Noemi Caponi, Reem Mahgoub, Xinyu Zhang, Elaine Zhu
- 2022: Gabrielle Madeiros, Andy Mishra, Hafza Nuh
- 2021: Mariam Galytsky, EJ Guerrero, Ishika Mroke, Devmini Rodrigo
- 2019: Juwryyah Ahmed, Danielle Creary-Thomas, Jiaying Li, Michelle Sun
- 2018: Florence Chan, Gauri Chaudhari, Sarah Khan, Anna Lyashenko, Kaylee Tang, Vicky Zhu
- 2017: Maria Dum Dumaya, Nur Sakinah Nor Kamal, Laura Hustins, Aimee Padillo, Gheyana Purbodiningrat, Diala Saab, Sanya Saif, Fatima Siddiqui

### D. OTHER TEACHING AND LECTURES

N/A

## E. ADMINISTRATIVE POSITIONS

### 13. A. COMMITTEE WORK WITHIN THE UNIVERSITY OF TORONTO

#### Department administration

- Program Coordinator, Linguistics, Department of Language Studies, UTM (2023-present)
- Teaching Assistant Coordinator, Department of Language Studies, UTM (2017-2020)

#### Committees

- Guest Speakers Committee (University of Toronto St. George, 2023-2024)
- Graduate Student Experience Committee (University of Toronto Mississauga, 2023-2024)
- SIG Committee (University of Toronto St. George, 2022)
- Research and Grants Committee (Chair) (University of Toronto Mississauga, 2021-2022)
- Resource and Space Committee (University of Toronto Mississauga, 2021-2022)
- Graduate admissions committee (University of Toronto St. George, 2020-2021)
- Ad-hoc PTR revision Committee (University of Toronto Mississauga, 2021)
- Advancement Advisory Committee (University of Toronto St. George, 2019)
- Research committee (University of Toronto St. George, 2018)
- Faculty Liaison, Linguistics League, (University of Toronto Mississauga, 2016-2017)

### B. COMMITTEE WORK OUTSIDE THE UNIVERSITY OF TORONTO

#### Conference organization

- Montréal-Ottawa-Toronto Hamilton Phonetics/Phonology workshop, organizing committee member (U. of Toronto, 2025)
- New Sounds 2025, organizing committee member (U. of Toronto, 2025)
- Annual Meeting on Phonology, organizing committee member (U. of Toronto, 2021)
- Co-organizer of satellite session of *LabPhon*, “Cues Out of the Box,” (virtual; with Meghan Clayards and James Kirby) (2020)
- PsyLinCS UTM: Building Synergies between Psychology, Language Studies, and Computer Science, principal organizer (2019)
- Summer Phonology Forum, organizing committee member (U. of Toronto, 2018-2024)
- CRC-Sponsored Phonetics/Phonology Workshop, organizing committee member (U. of Toronto, 2015-2017)
- Montréal -Ottawa-Toronto Phonetics/Phonology workshop, organizing committee member (U. of Toronto, 2019)
- Arizona Linguistics Circle Conference, organizing committee member (U. of Arizona, 2009)

#### Outreach

- Co-organizer, Bring Your Children to Work Day Language Sciences Station (U. of Toronto, 2018)
- Co-organizer, Junior Science Fair Linguistics station (U. of Arizona, 2009)

## Reviews

- Journal reviews: Applied Psycholinguistics; Attention, Perception, & Psychophysics; Bilingualism: Language and Cognition; Glossa; Journal of Experimental Psychology: Human Perception and Performance; Journal of Phonetics; Journal of the Acoustical Society of America; Korean Linguistics; Laboratory Phonology; Language; Language and Speech; Phonetica; Second Language Research
- Conference reviews: Canadian Linguistics Association, International Congress of Phonetic Sciences, LabPhon, Linguistic Society of America

## Editorial

- Associate Editor, *Language and Speech* (2023-present)
- Toronto Working Papers in Linguistics Advisor (University of Toronto St. George, 2022)
- Co-editor-in-chief Coyote Papers: Proceedings of the Arizona Linguistics Circle (2010-2012)