

## CURRICULUM VITAE

### A. BIOGRAPHICAL INFORMATION

#### 1. PERSONAL

Name: Philip J. Monahan

Department of Language Studies  
University of Toronto Scarborough  
1265 Military Trail  
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Department of Linguistics  
University of Toronto  
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Web: <https://phijomo.github.io/>

Laboratory: <https://www.uts.utoronto.ca/labs/caplab/>

#### 2. DEGREES

- 2009     Ph.D.  
           Linguistics, University of Maryland  
           *On The Way To Linguistic Representation: Neuromagnetic Evidence of Early Auditory Abstraction in the Perception of Speech and Pitch*  
           Committee: William J. Idsardi, David E. Poeppel (co-supervisors),  
           Norbert Hornstein, Colin Phillips, Nan Bernstein Ratner
- 2007     Certificate  
           Neuroscience and Cognitive Science, University of Maryland  
           Supervisor: William J. Idsardi
- 2003     M.A.  
           Linguistics, University of Florida  
           *Backward Object Control in Korean*  
           Committee: Eric Potsdam (supervisor), Gary Miller
- 2001     B.A. *magna cum laude*  
           Linguistics, University of Florida  
           *L1 Brazilian Portuguese Constraint Ranking (in Optimality Theory) Transfer into L2 English*  
           Supervisor: Caroline Wiltshire

### 3. **EMPLOYMENT**

2020–	Associate Professor Department of Language Studies, University of Toronto Scarborough
2020–	Associate Professor, Graduate Faculty Department of Linguistics, University of Toronto
2015–	Non-budgetary Cross Appointment Department of Psychology, University of Toronto Scarborough
2013–2020	Assistant Professor Centre for French and Linguistics, University of Toronto Scarborough
2013–2020	Assistant Professor, Graduate Faculty Department of Linguistics, University of Toronto
2011–2013	Marie Curie IIF Fellow Basque Center on Cognition, Brain and Language (BCBL), Donostia-San Sebastián, Spain
2010–2013	Post-doctoral Researcher Basque Center on Cognition, Brain and Language (BCBL), Donostia-San Sebastián, Spain

### 4. **HONOURS**

2022	Nominated, Research Excellence Faculty Scholars University of Toronto Scarborough
2022	Nominated, Research Recognition Award University of Toronto Scarborough
2025, 2024, 2022, 2016– 2018	Dean's Merit Award University of Toronto Scarborough
2016, 2018	Nominated, Assistant Professor and Lecturer Teaching Award University of Toronto Scarborough
2009	Ann G. Wylie Dissertation Fellowship Graduate School, University of Maryland
2004–2006	Graduate School Fellowship Graduate School, University of Maryland
2000	University Scholar University of Florida

## 5. PROFESSIONAL AFFILIATIONS AND ACTIVITIES

### Associate Editor

Journals: *Language and Speech* (2022– )

### Ad-Hoc Reviewer

Journals: *Applied Linguistics; Brain and Language; Brain Research; Cortex; Experimental Brain Research; Frontiers in Human Neuroscience; Frontiers in Psychology (Language Section); Human Brain Mapping; Journal of the Acoustical Society of America; Journal of Cognitive Neuroscience; Journal of Experimental Psychology: Learning, Memory and Cognition; Journal of Memory and Language; Journal of Neurolinguistics; Journal of Neuroscience; Journal of Psycholinguistic Research; Journal of Speech, Language and Hearing Research; Language; Language and Cognitive Processes; Language and Speech; Laboratory Phonology; MethodsX; Natural Language and Linguistic Theory; Neurobiology of Language; NeuroImage; NeuroReport; Neuroscience Letters; Perceptual and Motor Skills; Phonetica; Phonology; PLoS One; Psychological Review; Psychonomic Bulletin & Review; Psychophysiology; Scientific Reports; Syntax*

Chapters: Cengage Publishing, Oxford University Press

Conferences: Canadian Linguistics Association, Laboratory Phonology, Neurobiology of Language Conference, Scarborough Undergraduate Linguistics Conference, SinFonJA, West Coast Conference on Formal Linguistics

Grants: FRIAS (Germany), Mitacs (Canada), National Science Foundation (NSF, USA), Natural Sciences and Engineering Research Council (NSERC, Canada), Swiss National Science Foundation (SNF, Switzerland), UTSC Institutional Peer Review: SSHRC IDG

Awards: Scarborough Undergraduate Linguistics Conference, University of Toronto Scarborough Library Research Poster Forum

### Conference Organization

2022–2025	New Sounds 2025
2018–	Summer Phonology Forum, University of Toronto
2012	International Morphological Processing Conference

## B. ACADEMIC HISTORY

### 6. A. RESEARCH ENDEAVOURS

- Speech Perception, Cognitive Neuroscience of Language, Psycholinguistics, Neurolinguistics, Phonetics, Phonology, Lexical Access, Spoken Language Comprehension, Spoken Word Recognition, Multilingualism
- Research Languages: English, Spanish, Mandarin Chinese, Cantonese, Basque, Japanese, Malayalam

## B. RESEARCH AWARDS

### Major Grants

2025–2030	NSERC Discovery Grant, Principal Investigator <i>Representing and predicting speech: Neurophysiological and perceptual dynamics</i> Natural Sciences and Engineering Research Council (NSERC) of Canada \$245,000 (CAD)
2024–2025	UTSC International Research Fund (IRF), Co-principal Investigator \$10,000 (CAD) Co-PI: Yoonjung Kang
2024–2025	UTSC Tri-Agency Bridge Funding, Principal Investigator \$10,000 (CAD)
2017–2023	NSERC Discovery Grant, Principal Investigator <i>Predicting speech: Cortical oscillations and perceptual dynamics</i> Natural Sciences and Engineering Research Council (NSERC) of Canada \$161,000 (CAD)
2015–2017	SSHRC Insight Development Grant, Principal Investigator <i>Exploring speech sound representations: Features and categories in monolingual and bilingual speakers</i> Social Sciences and Humanities Research Council (SSHRC) of Canada \$66,856 (CAD)
2014–2015	Connaught New Researcher Award, Principal Investigator <i>Determining the neural time course of access to phonological structure using electro-physiology</i> University of Toronto \$10,000 (CAD)
2013–2014	UTSC Vice Principle of Research Competitiveness Fund, Principal Investigator University of Toronto Scarborough \$10,000 (CAD)
2011–2013	Marie Curie IIF FP7-People-2010-IIF, Principal Investigator, Fellow <i>Prediction in speech perception and spoken word recognition</i> European Commission €178,380 (EUR)

### Major Grants: Collaborator

2025–2029	Plan Nacional, Government of Spain <i>Medición y amplificación de las interacciones durante conversaciones</i> PI: Alejandro Pérez €229,251 (EUR)
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2011–2014      Plan Nacional, Government of Spain  
*Describiendo procesos integrativos en la comprensión del lenguaje a través de la sincronía neuronal*  
 PI: Ramón Guevara Erra  
 €61,710 (EUR) – Declined

### Teaching-Related Grants

2022–2025,  
 2019      Department Research Fund, University of Toronto Scarborough  
 University of Toronto Scarborough Research Office  
 Co-PIs: C. Anderson (2022), B.C. Armstrong (2019), S. Bhattasali (2023–2024), R. Helms-Park (2019, 2022–2023), Y. Kang, D. Kush (2022–2024), S. Moghaddam, J. Ndayiragije  
 \$120,000 (CAD) total; \$30,000/year

2018      Teaching Equipment Grant, University of Toronto Scarborough  
 University of Toronto Scarborough Centre for Teaching & Learning  
 Co-PIs: B.C. Armstrong, Y. Kang  
 \$7,953 (CAD)

### Student/Post-Doc Research Funding

2025      Cognitive Science Society  
 Koorosh Ariyae \$1000 Diversity and Inclusion Conference Award

2017–2024      University of Toronto Excellence Award  
 2024: Lauren Hong \$7500, Natural Sciences and Engineering  
 2017: Hanna Zhang \$6000, Social Sciences and Humanities

2016–2021      Social Sciences and Humanities Research Council (SSHRC) of Canada  
 2021: Hanna Zhang CGS-M \$18,500  
 2018: Rachel Soo CGS-M \$18,500  
 2017-2019: Patrick Murphy CGS-D \$22,000/year  
 2016-2018: Phil Howson CGS-D \$35,000/year

2018–      School of Graduate Studies, University of Toronto  
 2025: Khushi Patil \$640 (Conference Grant)  
 2018: Patrick Murphy \$740 (Travel Conference Grant)  
 2018: Rachel Soo \$750 (Travel Conference Grant)

2018–2019      University of Delaware Summer Graduate Fellowship  
 2018-2019: Zhanao Fu \$4,000 (USD)

2017      Instituto Internacional Macau  
 Young Researcher Award: Janessa Tam

2016–2018      UTSC Travel Grants  
 2018: Hanna Zhang  
 2017-2018: Janessa Tam (~\$2500)  
 2016-2017: Rachel Soo (~\$2500)

2016      Ontario Graduate Scholarship  
 2016-2017: Patrick Murphy \$15,000

2016 Erasmus Mundus,  
Staff Exchange Network Award in Auditory Cognitive Neuroscience  
Recipient: Johanna Steinberg €7,500 EUR

## C. SCHOLARLY AND PROFESSIONAL WORK

*Note: Underlined names represent student or post-doctoral advisees*

### 7. **Refereed publications**

#### A. **Articles**

Chabot, A., Lau, E.F., **Monahan, P.J.** & Idsardi, W.J. (accepted). Integrated versus independent processing of auditory features in speech sounds. *Language, Cognition and Neuroscience*.

Hong, L.L., Han, C. & **Monahan, P.J.** (accepted). Language experience shapes neural grouping of speech by accent: EEG evidence from native, second language, and heritage listeners. *Brain Sciences*.

Tam, J.P.L., **Monahan, P.J.** & Helms-Park, R. (2024). Processing costs in Chinese-Latin script-mixing. *The Mental Lexicon* 19(1): 111-125.

Soo, R. & **Monahan, P.J.** (2023). Phonetic and lexical encoding of tone in Cantonese heritage speakers. *Language and Speech* 66(3): 652–677.

Soo, R. & **Monahan, P.J.** (2023). Language dominance and order of acquisition affect auditory translation priming in heritage speakers. *Quarterly Journal of Experimental Psychology* 76(2): 284-293.

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

Pérez, A., Davis, M.H., Ince, R.A.A., Zhang, H., Fu, Z., Lamarca, M., Lambon Ralph, M.A. & **Monahan, P.J.** (2022). Timing of brain entrainment to the speech envelope during speaking, listening and self-listening. *Cognition* 224: 105051.

Howson P.J. & **Monahan, P.J.** (2022). Acoustic-perceptual factors both maintain and account for the rarity of the Czech trill-fricative. *Frontiers in Communication* 6: 807995.

Pérez, A., **Monahan, P.J.** & Lambon Ralph, M.A. (2021). Joint recording of EEG and audio signals in hyperscanning and pseudo-hyperscanning experiments. *MethodsX* 8: 101347.

Fu, Z. & **Monahan, P.J.** (2021). Extracting phonetic features from natural classes: A mismatch negativity study of Mandarin Chinese retroflex consonants. *Frontiers in Human Neuroscience* 15: 609898.

Soo, R., Sadiqi, A., Shah, M. & **Monahan, P.J.** (2020). Lexical bias in second language perception: Word position, age of arrival, and native language phonology. *The Journal of the Acoustical Society of America* 148(4): EL326-EL332.

Howson, P.J. & **Monahan, P.J.** (2020). A method for comparing perceptual distances and areas with multidimensional scaling. *MethodsX* 7: 100790.

- Howson, P.J. & **Monahan, P.J.** (2019). Perceptual motivation for rhotics as a class. *Speech Communication* 115: 15-28.
- Monahan, P.J.** (2018). Phonological knowledge and speech comprehension. *Annual Review of Linguistics* 4(1): 21-47.
- Martin, A.E.\*, **Monahan, P.J.\***, & Samuel, A.G. (2017). Prediction of agreement and phonetic overlap shape sublexical identification. *Language and Speech* 60(3): 356-376. \*Authors contributed equally.
- Scharinger, M., **Monahan, P.J.** & Idsardi, W.J. (2016). Linguistic category structure influences early auditory processing: Converging evidence from mismatch responses and cortical oscillations. *NeuroImage* 128(1): 293-301.
- Gwilliams, L., **Monahan, P.J.** & Samuel, A.G. (2015). Sensitivity to morphological composition in spoken word recognition: Evidence from grammatical and lexical identification tasks. *Journal of Experimental Psychology: Learning, Memory, and Cognition* 41(6): 1663-1674.
- Carreiras, M., **Monahan, P.J.**, Lizarazu, M., Duñabeitia, J.A., & Molinaro, N. (2015). Numbers are not like words: Different pathways for literacy and numeracy. *NeuroImage* 118(1): 79-89.
- Scharinger, M., **Monahan, P.J.**, & Idsardi, W.J. (2012). Asymmetries in the processing of vowel height. *Journal of Speech, Language, and Hearing Research* 55(3): 903-918.
- Lehtonen, M., **Monahan, P.J.**, & Poeppel, D. (2011). Evidence for early morphological decomposition: Combining masked priming with magnetoencephalography. *Journal of Cognitive Neuroscience* 23(11): 3366-3379.
- Poeppel, D., & **Monahan, P.J.** (2011). Feedforward and feedback in speech perception: Revisiting analysis by synthesis. *Language and Cognitive Processes* 26(7): 935-951.
- Scharinger, M., **Monahan, P.J.**, & Idsardi, W.J. (2011). You had me at *hello*: Rapid extraction of dialect information from spoken words. *NeuroImage* 56(4): 2329-2338.
- Monahan, P.J.**, & Idsardi, W.J. (2010). Auditory sensitivity to formant ratios: Toward an account of vowel normalization. *Language and Cognitive Processes* 25(6): 808-839.
- Hwang, S.-O.K., **Monahan, P.J.**, & Idsardi, W.J. (2010). Underspecification and asymmetries in voicing perception. *Phonology* 27(2): 205-224.
- Monahan, P.J.**, de Souza, K., & Idsardi, W.J. (2008). Neuromagnetic evidence for early auditory restoration of fundamental pitch. *PLoS One* 3(8): e2900.
- Monahan, P.J.**, Fiorentino, R., & Poeppel, D. (2008). Masked repetition priming using magnetoencephalography. *Brain and Language* 106(1): 65-71.
- Poeppel, D., & **Monahan, P.J.** (2008). Speech perception: Cognitive foundations and cortical implementation. *Current Directions in Psychological Science* 17(2): 80-85.
- Polinsky, M., **Monahan, P.J.**, & Kwon, N. (2007). Object control in Korean: How many constructions? *Language Research* 43(1): 1-33.

## B. Books and/or Chapters

- Monahan, P.J.** (accepted). Neuroimaging in phonology. In *The Wiley Blackwell Companion to Phonology, Second Edition*, (Ed.) Samuels, B. Hoboken, NJ: Wiley-Blackwell.
- Ariyae, K., **Monahan, P.J.**, & Schertz, J. (2025). Lexical representation of noncanonical forms: Evidence from Persian. In *Proceedings of the 47th Annual Conference of the Cognitive Science Society*, (Eds.), Barner, D., Bramley, N.R., Ruggeri, A., Walker, C.M., pp. 349–356. University of California Merced: Cognitive Science Society.
- Taghipour, S., **Monahan, P.J.** (2020). Early morphological decomposition: The effect of derivational gaps. In *Proceedings of the 2020 Annual Conference of the Canadian Linguistic Association*, (Eds.), Hernández, A., Butterworth, M.E., 12 pp. Canadian Linguistic Association.
- Soo, R., & **Monahan, P.J.** (2017). Language exposure modulates the role of tone in perception and long term memory: Evidence from Cantonese native and heritage speakers. In *Proceedings of the 43rd Annual Meeting of the Berkeley Linguistics Society*, Vol. II., (Eds.) Nee, J., Cychosz, M., Hayes, D., Lau, T., Ramirez, E., pp. 47-54. Berkeley, CA: Berkeley Linguistics Society.
- Murphy, P., **Monahan, P.J.** & Grant M. (2016). Affrication patterns and perceptual tendencies in Canadian and European French. In *Proceedings of the 2016 Annual Conference of the Canadian Linguistic Association*, (Ed.), Hracs, L., 14 pp. Canadian Linguistic Association.
- Idsardi, W.J., & **Monahan, P. J.** (2016). Phonology. In *The Neurobiology of Language*, (Eds.) Hickok, G., & Small, S.S., pp. 141-152. Amsterdam: Elsevier Science.
- Howson, P., & **Monahan, P.J.** (2015). Simple phonological contrasts causing complex phonetic differences. In *Tackling the Complexity of Speech*, (Eds.) Skarnitzl, R., & Niebuhr, O., pp. 113-122. Prague: Charles University Press.
- Monahan, P.J.**, Lau, E.F., & Idsardi, W.J. (2013). Computational primitives in phonology and their neural correlates. In *The Handbook of Bilingualism*, (Eds.) Boeckx, C., & Grohmann, K., pp. 233-256. Cambridge, UK: Cambridge University Press.
- Kwon, N., **Monahan, P.J.**, & Polinsky, M. (2010). Object control in Korean: A backward control impostor. In *Movement Theory of Control*, (Eds.) Hornstein, N., & Polinsky, M., pp. 299-327. Amsterdam: John Benjamins Publishing.
- Monahan, P.J.** (2009). Vowel harmony. In *The Encyclopedia of Arabic Language and Linguistics*, (Eds.) Eid, M., Elgibali, A., Versteegh, K., Woidich, M., & Zaborski, A., pp. 676-677. Leiden, Netherlands: Brill Academic Publishing.
- Monahan, P.J.**, Takahashi, E., Nakao, C. & Idsardi, W.J. (2009). Not all epenthetic contexts are equal: Differential effects in Japanese illusory vowel perception. In *Japanese/Korean Linguistics, Vol. 17*, (Eds.) Iwasaki, S., Hoji, H., Clancy, P.M., & Sohn, S.-O., pp. 391-405. Stanford, CA: CSLI.
- Monahan, P.J.** (2003). Backward object control in Korean. In *Proceedings of the 22<sup>nd</sup> West Coast Conference on Formal Linguistics*, (Eds.) Garding, G., & Tsujimura, M., pp. 356-369. Somerville, MA: Cascadia Press.

8. **Non-Refereed Publications**

A. **Articles**

**Monahan, P.J.** (2003). Harmony and metrical structure in Palestinian Arabic. In *Proceedings of the 2002 Texas Linguistics Society*, (Eds.) Agwuele, A., & Park, H.-S., 17 pp. Austin, TX: Texas Linguistics Forum.

**Monahan, P.J.** (2001). Brazilian Portuguese coda constraint transfer into L2 English. *Journal of Undergraduate Research* 3(4): 1-6.

B. **Books and/or Chapters**

None

C. **Books edited**

Kazanina, N., Minai, U., **Monahan, P.J.**, & Taylor, H.L. (Eds.) (2006). *University of Maryland Working Papers in Linguistics* 14. College Park, MD: UMWPiL.

9. **Manuscripts In Preparation or Submitted**

Information available upon request

10. **Papers Presented at Meetings and Symposia.**

(<sup>v</sup> = virtual presentation)

Patil, K.N., Han, C., & **Monahan P.J.** (2025). Wait, who said that?: Talker accent modulates neural processing of Mandarin-English code-switched speech. *Society for the Neurobiology of Language*. Gallaudet University: September 12–14.

Han, C., Lim, T.W., Kim, S.Y., Idsardi, W.J., & **Monahan, P.J.** (2025). Language-specific phonological patterning shapes neural encoding of phonetic categories. *Society for the Neurobiology of Language*. Gallaudet University: September 12–14.

Han, C., Ma, K., Kang, Y., & **Monahan, P.J.** (2025). Neurophysiological encoding of VOT and F0 in voicing perception. *Society for the Neurobiology of Language*. Gallaudet University: September 12–14.

Ariyae, K., **Monahan, P.J.**, & Schertz J. (2025). Lexical Representation of Noncanonical Forms: Evidence from Persian. *Cognitive Science Society*. San Francisco, CA: July 30–August 2.

Patil, K.N., & **Monahan, P.J.** (2025) Perception of Accented Speech in Code-Switching by Bilinguals. *Bilingualism and Multilingualism Conference (BAM 2)*. University of Saskatoon: May 9–11.

Ariyae, K., **Monahan, P.J.** & Schertz, J. (2025). The representation of non-canonical forms in Persian. *4<sup>th</sup> North American Conference on Iranian Linguistics (NACIL 4)*, University of Toronto Mississauga: May 23–25.

- Han, C., Ma, K., Monahan, P.J. & Kang, Y. (2025). The neurophysiological encoding of voice onset time and fundamental frequency in the perception of voicing contrasts in English. *MOT<sup>h</sup>*, University of Toronto: April 4–5.
- Patil, K. & Monahan, P.J. (2025). Effects of accent variation on Mandarin-English intrasentential code-switching perception using electroencephalography. *Cognitive Neuroscience Society*, Boston, MA: March 29–April 1.
- Hong, L., Han, C. & Monahan, P.J. (2024). The accented brain: An EEG study on talker variability. *65<sup>th</sup> Annual Meeting of the Psychonomics Society*, New York City, NY: November 21–24.
- Tam, J., Monahan, P.J. & Helms-Park, R. (2024). Code-mixing in social media contexts: Processing costs and affective benefits. *Canadian Association of Applied Linguistics*, McGill University: June 12–14.
- Tam, J., Monahan, P.J. & Helms-Park, R. (2023). Script mixing in social media: processing costs with potential benefits. *Words in the World*: December 1–2.<sup>v</sup>
- Fu, Z., Yogeswaran, I. & Monahan, P.J. (2023–2024). Investigating phonemic encoding with electroencephalography during continuous speech production.
- *Summer Phonetics/Phonology Forum*, University of Toronto: July 5, 2023.
  - *PhonoEEGy 2*, University of Massachusetts Amherst: June 24–25, 2023.
  - *MOT<sup>h</sup>*, McGill University: April 19–20, 2024.
- Larraza, S., Munariz-Ibarrola, A. & **Monahan, P.J.** (2023). The discrimination of Basque sibilants in bilingual children: New evidence from eye-tracking. *XVI International Symposium of Psycholinguistics*, Vitoria-Gasteiz, Spain: May 31–June 2.
- Fu, Z. & Monahan, P.J. (2023). Asymmetric late discriminative negativities reveal multiple levels of specification in speech sound representations. *Cognitive Neuroscience Society*, San Francisco, CA: March 25–28.
- Soo, R. & Monahan, P.J. (2021). Language dominance affects auditory translation priming in heritage speakers. *181<sup>st</sup> Annual Meeting of the Acoustical Society of America*, Seattle, WA: November 29–December 3.
- Fu, Z. & Monahan, P.J. (2021). Extracting phonetic features from natural classes: A mismatch negativity study of Mandarin Chinese retroflex consonants. *Annual Meeting of the Society for the Neurobiology of Language*: October 5–8.<sup>v</sup>
- Taghipour, S. & Monahan, P.J. (2021). The effect of paradigmatic gaps in visual word recognition. *Fifth American International Morphology Meeting*, Ohio State University: August 26–29.<sup>v</sup>
- Fu, Z. & Monahan, P.J. (2021). Extracting phonetic features from natural classes: A mismatch negativity study of Mandarin Chinese retroflex consonants.
- *PsychoSHORTS*, University of Ottawa: February 26.<sup>v</sup>
  - *33<sup>rd</sup> Meeting of the North American Conference on Chinese Linguistics*, University of Chicago: June 24–25.<sup>v</sup>
- Soo, R. & Monahan, P.J. (2021). Dominance versus age of acquisition: Auditory translation priming in heritage Cantonese listeners. *33<sup>rd</sup> Meeting of the North American Conference on Chinese Linguistics*, University of Chicago: June 24–25.<sup>v</sup>

- Pratley, B. & **Monahan, P.J.** (2021). Can English idioms undergo the dative Alternation? A priming investigation.
- 95<sup>th</sup> Annual Meeting of the Linguistic Society of America, San Francisco, CA: January 7–10.<sup>v</sup>
  - 43<sup>rd</sup> Annual Conference of the German Linguistic Society, Freiberg, Germany: February 23–26.<sup>v</sup>
  - PsychoSHORTS, University of Ottawa: February 26, 2021.<sup>v</sup>
  - 34<sup>th</sup> Annual CUNY Conference on Human Sentence Processing, University of Pennsylvania: March 4–6.<sup>v</sup>
- Pérez, A., Ince, R.A.A., Davis, M.H. & **Monahan, P.J.** (2020). Speakers' and listeners' brains show different time lags when tracking the speech envelope. *Annual Meeting of the Society for the Neurobiology of Language*, Philadelphia, PA: October 21–24.<sup>v</sup>
- Monahan, P.J.**, Soo, R., Shah, M. & Sidiqi, A. (2020). Lexical bias in second language sibilant perception: The role of language proficiency and phonotactic context. *Laboratory Phonology 17*, University of British Columbia: July 6–8.<sup>v</sup>
- Taghipour, S. & **Monahan, P.J.** (2020). Paradigmatic gaps impact early morphological decomposition: Evidence from masked priming. *Annual Meeting of the Canadian Linguistics Association*, University of Western Ontario, May 30–June 1.<sup>v</sup>
- Monahan, P.J.**, Baskarasingham, M. & Pérez, A. (2019). The perception of frequency modulated sounds in tone and non-tone language speakers: An electroencephalography study. *178<sup>th</sup> Annual Meeting of the Acoustical Society of America*, San Diego, CA: December 2–6.
- Murphy, P. & **Monahan, P.J.** (2019). Cross-dialectal perception of Canadian raising. *New Ways of Analysing Variation 48*, University of Oregon: October 10–12.
- Leung, A., Fu, Z. & **Monahan, P.J.** (2019). The effect of visual integration of pitch contour in Mandarin tone perception. *Sixth European and Ninth Nordic Symposium on Multimodal Communication*, University of Leuven, Belgium: September 9–10.
- Monahan, P.J.**, Pérez, A. & Schertz, J. (2019). Abstract phonological features: EEG evidence from English voicing. *Annual Meeting of the Canadian Linguistics Association*, University of British Columbia, May 31–June 3.
- Zhang, H. & **Monahan, P.J.** (2019). Sentential biasing of lexical tone perception in heritage and native Mandarin speakers. *International Symposium on Bilingualism 12*, University of Alberta, June 23–28.
- Fu, Z. & **Monahan, P.J.** (2019). Bidirectional decay of auditory memory traces for pitch in speech sounds. *177<sup>th</sup> Annual Meeting of the Acoustical Society of America*, Louisville, KY: May 15–19.
- Mohsin, N., Chughtai, S. & **Monahan, P.J.** (2018). Bilingualism affects Urdu pronunciations: Investigating the speech patterns of Urdu heritage and native speakers in Toronto. *Second Language Research Forum*, Université de Montréal: Oct 25–28.
- Tam, J., Chui, M., Lau, H.-T. & **Monahan, P.J.** (2018). Processing digraphic text (Cantonese-English) in social media settings.
- 29<sup>th</sup> International Conference of Applied Psychology, Montreal, QC: June 26–30.
  - 16<sup>th</sup> Asia TEFL International Conference. Universidade de Macau, China: June 27–29.

- Murphy, P. & Monahan, P.J. (2018). Partial contrast, dialect exposure and the perception of Canadian Raising. *Laboratory Phonology 16*. Universidade de Lisboa, Portugal: June 19–22.
- Soo, R., & Monahan, P.J. (2018). Lexical-phonological representations of tone in Cantonese. *Laboratory Phonology 16*. Universidade de Lisboa, Portugal: June 19–22.
- Murphy, P. & Monahan, P.J. (2018). *Height or hide?* Partial contrast, dialect exposure, and the perception of Canadian raising. *First Annual Buffalo-Toronto Workshop on Linguistic Perspectives on Variation*. State University of New York at Buffalo: April 6.
- Howson, P.J. & Monahan P.J. (2018). Rhotic typologies as a product of class perception. *MOT Phonology Workshop*. McMaster University: March 24–25.
- Tam, J., & Lau, H.-T. & Monahan, P.J. (2018). Processing digraphic text (Cantonese-English) in social media settings. *ConSOLE XXVI*, University College London: February 14–16.
- Howson, P.J. & Monahan, P.J. (2018). Perceptual motivation for rhotic class membership. *92<sup>nd</sup> Annual Meeting of the Linguistic Society of America*. Salt Lake City, Utah: January 4–7.
- Soo, R., & Monahan, P.J. (2017). Encoding lexical tone in memory: Resolving acquisition and perception asymmetries in Cantonese speakers. *58<sup>th</sup> Annual Meeting of the Psychonomics Society*, Vancouver, BC: November 9–12.
- Monahan, P.J.** & Schertz, J. (2017). Auditory cortex represents abstract phonological features: A mismatch negativity study of English voicing. *Annual Meeting of the Society for the Neurobiology of Language*, Baltimore, MD: November 8–10.
- Monahan, P.J.** & Narayan, C. (2017). When do words get in the way? An EEG investigation of the interaction between talker and linguistic cues in speech processing. *Annual Meeting of the Society for the Neurobiology of Language*, Baltimore, MD: November 8–10.
- Soo, R. & Monahan, P.J. (2017). Language exposure modulates the role of tone in perception and long-term memory: Evidence from Cantonese native and heritage speakers. *CRC-Sponsored Summer Phonetics/Phonology Workshop*, University of Toronto: August 15.
- Soo, R. & Monahan, P.J. (2017). Language exposure modulates the role of tone in perception and long-term memory: Evidence from Cantonese native and heritage speakers. *Berkeley Linguistics Society 43*, UC Berkeley: February 3–5.
- Murphy, P., Grant, M. & Monahan, P.J. (2016). The perceptual effects of phonotactic rareness and partial allophony in Canadian French. *Laboratory Phonology 15*, Cornell University: July 13–16.
- Howson, P. & Monahan, P.J. (2016). Adaptive dispersion: A perceptual motivation for sound change. *Laboratory Phonology 15*, Cornell University: July 13–16.
- Howson, P. & Monahan, P.J. (2014). An acoustic analysis of Czech alveolar and post-alveolar fricatives. *22<sup>nd</sup> Czech-German Workshop on Speech Communication*, Prague, Czech Republic: September 25–27.
- Monahan, P.J.** (2013). Using long-distance harmony to probe prediction in speech perception: ERP evidence from Basque. *Annual Meeting of the Society for the Neurobiology of Language*, San Diego, CA: November 6–8.

- Bastarrika, A., Monahan, P.J. & Davidson, D. (2013). The auditory contralateral advantage as a model system for studying connectivity. *Neurogune: Basque Neuroscience Meeting*, Bilbao, Spain: July 8.
- Shitova, N., Bastarrika, A., Monahan, P.J. & Davidson, D. (2013). Oscillatory activity associated with the contralateral and ipsilateral pathways. *Neurogune: Basque Neuroscience Meeting*, Bilbao, Spain: July 8.
- Gwilliams, L., Monahan, P.J. & Samuel, A.G. (2013). Why an *avalanche* is faster than an *explosion*: Evidence from a grammatical decision task. *Eighth International Morphological Processing Conference*, University of Cambridge, UK: June 20–22.
- Monahan, P.J.** (2013). Long distance harmony guides prediction in speech perception: ERP evidence from Basque sibilant harmony. *Cognitive Neuroscience Society*, San Francisco, CA: April 13–16.
- Bastarrika, A., Monahan, P.J. & Davidson, D. (2013). The auditory contralateral advantage as a model system for studying connectivity. *Cognitive Neuroscience Society*, San Francisco, CA: April 13–16.
- Scharinger, M., **Monahan, P.J.** & Idsardi, W.J. (2013). Predictive processing is influenced by the specificity of speech sound representations. *Cognitive Neuroscience Society*, San Francisco, CA: April 13–16.
- Scharinger, M., **Monahan, P.J.** & Idsardi, W.J. (2012). Rapid extraction of dialect information from the speech input: Consequences for phonology. *Laboratory Phonology 13*, University of Stuttgart, Germany: July 26–29.
- Monahan, P.J.,** Martin, A.E., & Samuel, A. (2012). Vowel identification shaped by phrasal gender agreement expectation. *25<sup>th</sup> Annual CUNY Conference on Human Sentence Processing*, City University of New York: March 14–16.
- Molinaro, N., **Monahan, P.J.,** Barber, H.A. & Carreiras, M. (2011). MEG correlates of grammatical agreement processing in Spanish. *Annual Meeting of the Society for the Neurobiology of Language*, Annapolis, MD: November 9–11.
- Carreiras, M., Molinaro, N., **Monahan, P.J.,** Helenius, P. & Duñabeitia, J. (2011). From visual encoding to meaning: Processing numbers, letters and pictures. *52<sup>nd</sup> Annual Meeting of the Psychonomics Society*, Seattle, WA: November 3–6.
- Carreiras, M., Molinaro, N., **Monahan, P.J.,** Helenius, P. & Duñabeitia, J. (2011). From visual encoding to meaning: Processing numbers, letters and pictures. *XI International Conference on Cognitive Neuroscience*, Mallorca, Spain: September 25–29.
- Lehtonen, M., **Monahan, P.J.** & Scharinger, M. (2011). The nature of early morphological segmentation: Which (sub)lexical properties predict the magnitude of masked morphological priming? *Seventh International Morphological Processing Conference*, Donostia-San Sebastián, Spain: June 22–25.
- Cholin, J., **Monahan, P.J.,** Hantsch, A. & Carreiras, M. (2011). Effects of different polarity: syllable-frequency effects in Spanish and Basque. *Tenth International Symposium of Psycholinguistics*, Donostia-San Sebastián, Spain: April 13–16.

- Scharinger, M., **Monahan, P.J.** & Idsardi, W.J. (2011). Acoustic and categorical effects of American English front vowel perception. *Cognitive Neuroscience Society*, San Francisco, CA: April 2–5.
- Cholin, J., **Monahan, P.J.** & Hantsch, A. (2010). Syllable-frequency effects in monolingual and bilingual speakers. *Sixth International Workshop on Language Production*, Edinburgh, United Kingdom: September 2–4.
- Scharinger, M., **Monahan, P.J.** & Idsardi, W.J. (2010). Processing of vowel height relies on abstract representations. *Laboratory Phonology 12*, Albuquerque, NM: July 8–10.
- Scharinger, M., **Monahan, P.J.** & Idsardi, W.J. (2010). *HELLO* is all you need. *Cognitive Neuroscience Society*, Montreal, QC: April 17–20.
- Hwang, S.-O., **Monahan, P.J.** & Idsardi, W.J. (2010). Sensor and source space correlates of prediction violations in phonological processing. *Cognitive Neuroscience Society*, Montreal, QC: April 17–20.
- Hwang, S.-O., **Monahan, P.J.** & Idsardi, W.J. (2009). Asymmetric online predictions in speech perception. *Annual Meeting of the Society for the Neurobiology of Language*, Chicago, IL: October 15–16.
- Monahan, P.J.** (2009). Cortical sensitivity to formant ratios. *MEGLANG 2009*, Neurospin at Commissariat à l'Énergie Atomique (CEA), Paris, France: October 8–9.
- Monahan, P.J.**, Hwang, S.-O., & Idsardi, W.J. (2009). Asymmetric phonological predictions in speech perception. *Cognitive Neuroscience Society*, San Francisco, CA: March 21–24.
- Hwang, S.-O., **Monahan, P.J.** & Idsardi, W.J. (2008). Neural correlates of voicing mismatch in obstruent consonant clusters using MEG. *Society for Neuroscience*, Washington, DC: November 15–19.
- Lehtonen, M., **Monahan, P.J.** & Poeppel, D. (2008). Evidence for early morphological decomposition. *46<sup>th</sup> Annual Meeting of the Academy of Aphasia*, Turku, Finland: October 19–21.
- Hwang, S.-O., **Monahan, P.J.** & Idsardi, W.J. (2008). The perceptual consequences of voicing mismatch in obstruent consonant clusters. *Workshop on Consonant Clusters and Structural Complexity*, Munich, Germany: July 31–August 2.
- Hwang, S.-O., **Monahan, P.J.** & Idsardi, W.J. (2008). Evidence for the early detection of voicing mismatch in obstruent consonant clusters. *Cognitive Science Society*, Washington, DC: July 23–26.
- Idsardi, W.J., de Souza, K. & **Monahan, P.J.** (2008). MEG evidence for auditory restoration of fundamental pitch. *Cognitive Neuroscience Society*, San Francisco, CA: April 12–15.
- Lehtonen, M., **Monahan, P.J.** & Poeppel, D. (2008). Electrophysiological correlates of masked morphological priming. *Cognitive Neuroscience Society*, San Francisco, CA: April 12–15.
- Monahan, P.J.** & Idsardi, W.J. (2008). Early auditory sensitivity to formant ratios in vowel perception. *Cognitive Neuroscience Society*, San Francisco, CA: April 12–15.
- Monahan, P.J.**, Takahashi, E., Nakao, C., & Idsardi, W.J. (2007). Not all epenthetic contexts are equal: Differential effects in Japanese illusory vowel perception. *17<sup>th</sup> Japanese/Korean Linguistics Conference*, University of California Los Angeles: November 9–11.

- Monahan, P.J.** & Idsardi, W.J. (2007). Neuromagnetic evidence for the early computation of formant ratios in vowel normalization. *Society for Neuroscience Meeting*, San Diego, CA: November 3–7.
- Monahan, P.J.** (2007). Neuromagnetic evidence for the early computation of formant ratios in vowel normalization. *Middle America Linguistics Conference*, University of Kansas: October 26–28.
- Monahan, P.J.**, Fiorentino, R., & Poeppel, D. (2006). Spectrotemporal analysis of immediate repetition priming using MEG. *Biomag*, Vancouver, BC: August 20–26.
- Monahan, P.J.** (2003). Backward object control in Korean. *West Coast Conference on Formal Linguistics XXII*, University of California San Diego: March 21–23.
- Monahan, P.J.** (2003). Backward object control in Korean: Empirical Evidence. *77<sup>th</sup> Annual Meeting of the Linguistic Society of America*, Atlanta, GA: January 2–5.
- Monahan, P.J.** (2002). Dependency relations between long distance phenomena in a constraint-based framework. *Southeastern Conference on Linguistics LXVI*, University of Memphis: April 18–20.
- Monahan, P.J.** (2002). Metrical structure and vowel harmony in Palestinian Arabic. *Texas Linguistic Society/Southwest Workshop on Optimality Theory 7*, University of Texas Austin: March 1–3.
- Monahan, P.J.** (2002). Harmony asymmetrically constrained by the metrical foot. *Ninth Annual UTA Student Conference in Linguistics*, University of Texas Arlington: February 22–23.
- Monahan, P.J.** (2001). Reduplicative alignment variation: Extending multiple IO faithfulness relations to alignment. *Seventh Annual Mid-Continental Workshop on Phonology*, University of Iowa: October 5–7.
- Monahan, P.J.** (2001). L1 Brazilian Portuguese constraint ranking (in Optimality Theory) transfer into L2 English. *2<sup>nd</sup> Annual University Scholars Symposium*, University of Florida: March 31.

# 11. **Invited Lectures**

(<sup>v</sup> = virtual presentation)

- Monahan, P.J.** (2026). Challenging the standard: Variation reveals phonological and accent encoding in the human brain. *Pertinacity in Language Processing & Change*. Ettington Park, UK/Oxford University: January 12–14.
- Monahan P.J.** (2025) Temporal dynamics of the neurophysiological encoding of phonological classes. IUNE Instituto Universitario de Neurociencia, Universidad de La Laguna. Tenerife, Spain: May 28.
- Monahan P.J.** (2025). Coding phonetic and phonological features from classes in the brain: Using a novel mismatch negativity paradigm. Hanyang Institute for Phonetics and Cognitive Sciences of Language, Department of English Language and Literature, Hanyang University. Seoul, Republic of Korea: February 20.
- Monahan, P.J.** (2024). The brain uses phonological features to parse the present and predict the future. Department of Linguistics, University of Maryland: April 26.
- Monahan, P.J.** (2023). Neurophysiological grouping of natural classes and the role of phonological features. *PhonolEEGy 2* (Plenary), University of Massachusetts Amherst: June 24–25.

- Monahan, P.J.** (2023). Features on the brain: What the brain can tell us about phonology. Department of Classics, Modern Languages and Linguistics, Concordia University: February 23.
- Monahan, P.J.** (2022). The brain groups speech on sociolinguistic factors and language dominance drives auditory translation priming. ELEBILAB Laboratorio de Bilingüismo, Universidad del País Vasco. Vitoria-Gasteiz, Spain: November 17.
- Monahan, P.J.** (2022). Our neurophysiology supports abstract phonological features: Before and during speech. Department of Linguistics, University of British Columbia: November 4.<sup>v</sup>
- Soo, R. & **Monahan, P.J.** (2022). Language dominance and order of acquisition affect auditory translation priming in heritage speakers. School of Audiology & Speech Sciences, University of British Columbia: February 9.<sup>v</sup>
- Monahan, P.J.** (2020). Features from classes: Two EEG studies in phonological abstraction. Institut für Germanistische Sprachwissenschaft, Philipps-Universität Marburg, Germany: December 16.<sup>v</sup>
- Monahan, P.J.** (2018). Phonological abstraction in the brain: EEG investigations of natural class membership. *International Workshop on Neurophonetics: Representing and Processing Speech Units in the Brain*, Philipps-Universität Marburg, Germany: April 20.
- Monahan, P.J.** (2018). Using our rich linguistic knowledge to predict what we will hear next (and possibly overcome disruption). *Eighth University of Toronto Symposium on the Mind: The Cognitive Science of Disruption*, Cognitive Science Program, University of Toronto: February 3–4.
- Monahan, P.J.** (2017). Speech sounds on the brain: Combining linguistic theory with cognitive neuroscience. Program in Neuroscience, York University: October 20.
- Soo, R. & **Monahan, P.J.** (2017). Perception of Cantonese tone. *Toronto Language Tapestry: Exploring Heritage Languages*, Department of Linguistics, University of Toronto: April 28.
- Monahan, P.J.** (2015). *Explosions* are more disruptive than *avalanches*: Sensitivity to morphological structure in spoken word recognition. Human Communication Laboratory, Department of Psychology, University of Toronto Mississauga: December 2.
- Monahan, P.J.** (2015). Phonology as a basis for prediction: Evidence from perceptual and neurophysiological measures. Department of Linguistics & Languages, McMaster University: November 25.
- Monahan, P.J.** (2015). Using behaviour and the brain to explore speech sound representations: Diacritics, features and harmony. Department of Languages, Literatures and Linguistics, York University: November 19.
- Monahan, P.J.** (2014). A role for phonology in speech perception: Evidence from Japanese and Basque. National Institute for Japanese Language and Linguistics. Tokyo, Japan: May 23.
- Monahan, P.J.** (2014). Representations and predictions during speech perception: Combining linguistic theory and the brain. Department of English Language and Literature, Konkuk University. Seoul, Republic of Korea: May 22.
- Monahan, P.J.** (2013). Identifying linguistic pieces in the brain: How the brain can inform us about language and what language can tell us about the brain. *1st Annual Scarborough Undergraduate Linguistics Conference*. University of Toronto Scarborough: November 15.

**Monahan, P.J.** (2013). Identifying dialect and race from the auditory signal: Neurophysiological bases and social implications. Department of Linguistics, Universität Freiberg, Germany: June 19.

**Monahan, P.J.** (2013). Combining theory and the brain to probe speech sound process and representation. Department of Psychology, New York University Abu Dhabi, United Arab Emirates: May 1.

**Monahan, P.J.** (2013). Phonology as a window into speech perception: Integrating brain, behavior and theory. Department of Linguistics, University of Toronto: March 7.

**Monahan, P.J.** (2012). From variation to representation and back. Department of Cognitive Sciences, University of California, Irvine: February 29.

**Monahan, P.J.** (2012). From variation to representation and back. Department of Linguistics, University of Texas, Austin: February 24.

## **D. LIST OF COURSES**

### **12. COURSES**

\* Principle responsibility for the design and delivery of all courses below.

#### **A. Undergraduate courses taught**

##### **University of Toronto Scarborough**

LINB13	Language Diversity and Language Universals 2013
LINB29	Quantitative Methods in Linguistics 2016–2017, 2020, 2024–2025
LINC29	Advanced Quantitative Methods in Linguistics 2026
LIND46	Field Methods in Linguistics (co-listed as FRED46) 2014
PLIC55	Psycholinguistics 2014–2015
PLIC75	Language and the Brain 2018, 2020, 2022–2024
PLID50	Speech Perception (PLIC15 until 2016) 2014–2019, 2022–2025
LIND01	Independent Study in Linguistics 2014, 2015, 2017
LIND02	Independent Study in Linguistics 2015

LIND03	Independent Study in Linguistics 2018
LIND07	Independent Study in Linguistics 2016–2017
NROD98	Honours Thesis in Neuroscience (supervision only) 2016–2017, 2022–2023, 2023–2024, 2025–2026
LINB98	Supervised Introductory Research in Linguistics 2024, 2025
LINC98	Supervised Research in Linguistics 2025
PLID01	Independent Study in Psycholinguistics 2016 (x7), 2017 (x2), 2018 (x2), 2021 (x4), 2022, 2023, 2024 (x2)
PLID02	Independent Study in Psycholinguistics 2016, 2017 (x3), 2018, 2019 (x2), 2020, 2022, 2025
PLID03	Independent Study in Psycholinguistics 2017, 2023
PLID07	Independent Study in Psycholinguistics 2016–2017 (x2), 2017–2018 (x5), 2018–2019 (x3), 2021–2022 (x2)
PSYC90	Supervised Study in Psychology 2019–2020

### **University of Maryland**

LIN499A	Seminar in Psycholinguistics 2008 (co-taught w/ Ellen Lau)
LIN240	Language and Mind 2007–2009

### **B. Graduate courses taught**

#### **University of Toronto**

LIN1104	Quantitative Methods in Linguistics 2022
LIN1105	Advanced Quantitative Methods 2024
LIN1106	Introduction to Experimental Design 2021

LIN1205	Topics in Experimental Design 2016, 2018
LIN1276	Topics in Speech Perception (LIN1250 until 2023) 2013–2015, 2018–2019, 2024

### **Basque Centre on Cognition, Brain and Language**

Methods in Cognitive Neuroscience  
2012–2013  
(co-taught w/ C. Furio, N. Molinaro, P. Paz-Alonso, F. Roux)

## **E. SUPERVISION**

### **13. GRADUATE SUPERVISION**

#### **Post-doctoral Fellows**

2024–	Chao Han <i>Representing and predicting speech: Neurophysiological and perceptual dynamics</i> Funding: NSERC Discovery Grant
2017–2019	Alejandro Pérez <i>Predicting speech: Cortical oscillations and perceptual dynamics</i> Funding: NSERC Discovery Grant

#### **PhD Theses**

in progress	Zhanao Fu <i>Segmental features according to neurolinguistic and psycholinguistic evidence</i> Department of Linguistics, University of Toronto
in progress	Emily Blamire <i>Guess who: Linguistic and social factors of voice recognition</i> Department of Linguistics, University of Toronto
2025	Koorosh Ariyae <i>Reduced Forms and Their Mental Representation in the Lexicon</i> Department of Linguistics, University of Toronto Co-supervised w/ Jessamyn Schertz
2019	Patrick Murphy <i>Listening to writers and riders: Partial contrast and perception of Canadian raising</i> Department of Linguistics, University of Toronto

#### **PhD Generals Papers, supervisor**

University of Toronto: Irys-Amelie Champagne (in progress, Psychology); Zhanao Fu (2021, Linguistics); Sahar Taghipour (2020, Linguistics); Virgilio Partido-Peñalava (2019, Linguistics); Kiranpreet Nara (2018, Linguistics); Emily Clare (2018, Linguistics); Na-Young Ryu (2017, Linguistics); Patrick

Murphy (2017, Linguistics); Patrick Murphy (2016, Linguistics); Phil Howson (2015, Linguistics); Emily Blamire (2015, Linguistics)

### MA Theses, supervisor

- |      |  |
|------|--|
| 2025 | <p>Khushi Patil</p> <p><i>Talker accent modulates neural processing of Mandarin-English code-switched speech</i></p> <p>Department of Linguistics, University of Toronto</p>   |
| 2023 | <p>Katherine Sung</p> <p><i>Semantic and phonetic context interact in Cantonese lexical tone perception</i></p> <p>Department of Linguistics, University of Toronto</p>  |
| 2022 | <p>Hanna Zhang</p> <p><i>The role of perceptual feedback and category robustness for second language French learners</i></p> <p>Department of Linguistics, University of Toronto</p>   |
| 2020 | <p>Breanna Pratley</p> <p><i>Can English idioms undergo the dative alternation? A priming investigation</i></p> <p>Department of Linguistics, University of Toronto</p>  |
| 2019 | <p>Sadaf Rahmanian</p> <p><i>Comprehension of minimal linguistic phrases using EEG</i></p> <p>Department of Linguistics, University of Toronto</p>   |
| 2018 | <p>Rachel Soo</p> <p><i>Lexical-phonological interactions in Cantonese: Investigating tone merger in native and heritage speakers</i></p> <p>Department of Linguistics, University of Toronto</p>  |
| 2018 | <p>Jessica Yeung</p> <p><i>The role of vowels in Hebrew word processing</i></p> <p>Department of Linguistics, University of Toronto</p>  |
| 2014 | <p>Michael David Schwan</p> <p><i>A preliminary description of the acoustics of Canadian English ejectives</i></p> <p>Department of Linguistics, University of Toronto</p>   |
| 2013 | <p>Diana Cordiero</p> <p><i>The effect of speaker's identity on gender processing in Spanish</i></p> <p>Basque Centre on Cognition, Brain and Language (BCBL)</p> <p>Co-supervised w/ Adriana Hanulíková</p>                                 |
| 2013 | <p>Laura Gwilliams</p> <p><i>Sensitivity to morphological composition: Evidence from grammatical and lexical identification tasks</i></p> <p>Basque Centre on Cognition, Brain and Language (BCBL)</p> <p>Co-supervised w/ Arthur Samuel</p> |

### PhD Theses, supervisory committee

University of Toronto: Owen Ward (in progress, Spanish and Portuguese); Jaewoong Moon (2022, Institute of Biomaterials and Biomedical Engineering); Na-Young Ryu (2019, Linguistics); Emily Clare (2018, Linguistics); Phil Howson (2018, Linguistics); Ronald Chu (2017, Psychology); Mercedeh Mo-haghegh (2016, Linguistics)

### PhD Theses, evaluation committee

University of Toronto: Heather Yawney (2025, Linguistics); Madeleine Yu (2025, Psychology); Maida Percival (2024, Linguistics); Kiranpreet Nara (2023, Linguistics); Shouyu Ling (2023, Psychology); Gabrielle Klassen (2022, Spanish and Portuguese); Jessica Arsenault (2016, Psychology); Yu-Leng Ling (2016, Linguistics); LeAnne Brown (2014, Linguistics)

### PhD Generals Papers, supervisory committee

University of Toronto: Xinyu Liao (2025, Linguistics); Laura Griffin (2023, Linguistics); Shouyu Ling (2023, Psychology); Song Jiang (2022, Linguistics); Koorosh Ariyae (2020, Linguistics); Zoe McKenzie (2018, Linguistics); Erin Hall (2016, Linguistics); Nicole Durham (2014, Speech Language Pathology)

### PhD Generals Papers, evaluation committee

Department of Linguistics, University of Toronto: Annisa Baird (2025); Jessica Yeung (2019); Frederick Geitz (2018); Kazuya Bamba (2017); Meida Percival (2017); Kiranpreet Nara (2017); Emily Clare (2014); Ross Godfrey (2014); Majed Alsolami (2014)

### MA/MSc Theses, evaluation committee

Pedro Henrique Sousa dos Santos (UFRJ, Brazil), Naim Lim (2025, Linguistics); Kieran Wheatley (2023, Rehabilitation Sciences Institute); Xizi Deng (SFU, 2020), Jaewoong Moon (2018, Institute of Biomaterials and Biomedical Engineering); Emily Blamire (2014, Linguistics); Meida Percival (2014, Linguistics); Natalia Shitova (BCBL, 2013); Mikel Lizarazu (BCBL, 2013)

## 14. Undergraduate Research Supervision

Note: Publications/Presentations that arose from these supervisions are provided below. Publications at professional conferences also listed in §C7-11. Presentations at undergraduate conferences listed here (+ denotes activities not listed elsewhere).

2025–	Sophia Tsagopoulos <i>ERP investigations into person-first and identity-first language</i>
2025–	Paige Kestin <i>Empirical research on cognate facilitation in English-French bilingual children</i> co-supervised w/ Rena Helms-Park
2023–2025	Lauren Hong & Barbara Ziyi Xia <i>Accented speech affects phonetic processing: A neurophysiological approach</i> + Scarborough Undergraduate Linguistics Conference (2024; 3 <sup>rd</sup> place), + Southern California Undergrad Ling Conference (2024), Psychonomics Society (2024)

- 2023–2025      Miroslava Soriano Lopez  
*Bilingual perception of speech sound categories*
- 2022–2023      Andrea Giron  
*Interlanguage transfer of sound-symbolism in second language Spanish learners*  
+ Scarborough Undergraduate Linguistics Conference (2023; 2nd place)
- 2022–2023      Idila Yogeswaran  
*Phonemic encoding in the neurophysiology during continuous speech production: Evidence from electroencephalography*
- 2021–2022      Katelyn Tadros  
*Cognate processing and role of false friends in L2 French learners*  
+ Scarborough Undergraduate Linguistics Conference (2022), + Finalist, UTSC Undergraduate Research & Creative Forum (URCF)
- 2021–2022      Helena Ng  
*Tone mergers in Cantonese production*  
+ Scarborough Undergraduate Linguistics Conference (2022; 3<sup>rd</sup> place)
- 2021–2022      Emilia Scanga  
*Perceptual learning of Italian geminates in L2 speakers*  
+ Scarborough Undergraduate Linguistics Conference (2022; 2<sup>nd</sup> place)
- 2021            Christine Kim & Winnie Chen  
*Categorical perception in Canadian native Mandarin speakers*
- 2019–2020      Zahra Anwar  
*The effects of musical training on auditory brain stem responses using EEG*
- 2018–2019      Hanna Zhang  
*Lexical tone perception in native versus heritage Mandarin speakers*  
International Symposium on Bilingualism (2019), + Finalist, UTSC Library Poster Forum (2018), + Scarborough Undergraduate Linguistics Conference (2018)
- 2018–2020      Andrea Michelle Leung  
*The effect of visual integration of pitch contour in Mandarin tone perception*  
Nordic Symposium on Multimodal Communication (2019), + Southern California Undergrad Linguistics Conference (2019), + Scarborough Undergraduate Linguistics Conference (2019; 2<sup>nd</sup> place)
- 2018            Shingruf Chughtai & Nazia Mohsin  
*Bilingualism affects Urdu pronunciations: Investigating the speech patterns of Urdu heritage and native speakers in Toronto*  
Second Language Research Forum (2018)
- 2018            Leila Kit Iu Chan  
*Does language provide a bias for how we perceive the world?*
- 2018            Matthew McCready  
*Listener perception of speaker sexuality: The influence of lexical effects*  
+ Scarborough Undergrad Linguistics Conference (2018, 3<sup>rd</sup> place)
- 2018            Insiya Bhalloo  
*Investigating orthographic processing via phonological exposure in Arabic speakers and readers*  
+ TUCLO (2018), + Scarborough Undergraduate Linguistics Conference (2018)

- 2017 Suman Kamaleswaran  
*Perception and phonology of English loanwords in Tamil*
- 2017 Amal Azeez  
*Understanding the nature of native and heritage Tamil speakers*
- 2016–2018 Janessa Tam, Michelle Chui & Hoi Tai Lau  
*Processing digraphic text (Cantonese-English) in social media settings*  
16<sup>th</sup> Asia TEFL International Conference (2018), ConSOLE XXVI (2018), ICAP (2018), + Scarborough Undergraduate Linguistics Conference (2018, 2<sup>nd</sup> place), + WINNER: UTSC Library Research Prize Forum (2018), + Scarborough Undergraduate Linguistics Conference (2017, 1<sup>st</sup> place), + WISSLR (2017), + WINNER: UTSC Undergraduate Research Prize (2017), + Honorarium Recipient, 5<sup>th</sup> Annual Interdisciplinary Research and Discovery Symposium
- 2016–2017 Monica Shah & Abduwahab Sidiqi  
*What do you hear? An investigation of lexical bias in sibilant perception*  
+ WINNER: UTSC Undergraduate Research Prize (2017), + Finalist, UTSC Library Research Prize Forum (2017), + Scarborough Undergrad Linguistics Conference (2017, 2<sup>nd</sup> place), + Honorarium Recipient, 5<sup>th</sup> Annual Interdisciplinary Research and Discovery Symposium
- 2016 Jennifer Chaya  
*Comprehension of active and passive sentences with high-context images in Broca's aphasia*
- 2016–2017 Mayoore Baskarasingham  
*The perception of frequency modulated sounds in tone and non-tone language speakers: An EEG Study*  
Acoustical Society of America (2019), Scarborough Undergrad Linguistics Conference (2016, 3<sup>rd</sup> place)
- 2016–2017 Madhubala Ishwarya Shankar & Karen Wong  
*Variation in second language proficiency in correlation to age of acquisition and neurolinguistic development*
- 2016 Joymarie Soo  
*Locating the locus of language in the lexicon*
- 2016 Brenda Lau  
*The understanding of bilingualism and its effect on higher order executive function in old-age*  
+ Scarborough Undergrad Ling Conference (2017)
- 2016–2017 Rachel Soo  
*The Perception of tone and word recognition in native and heritage Cantonese*  
+ UBC Undergraduate Linguistics Colloquium (2019), Laboratory Phonology (2018), + UofT Summer Phonology Forum (2018), Soo & Monahan (BLS 2017), Berkeley Linguistics Society (2017), Psychonomics Society (2017), UofT Language Tapestry Workshop (2017), + Toronto Undergraduate Linguistics Conference (2017), + Cornell Undergraduate Linguistics Conference (2016), + CRC-Sponsored Summer Phonology Workshop (2016), + Southern California Undergrad Ling Conference (2016), + Finalist, UTSC Library Research Poster Forum (2016)
- 2016 Tammy Tian Yi Lou  
*Near-merger of lexical tone in Cantonese speaking aphasics*
- 2015 Sarah Newman  
*The effect of phonemes in poetry semantics*

2015 Fion Chee-Shan Chu  
*The Study of pitch and contour in Broca's aphasics*

2014 Yasmeen Ali  
*The VOT of Somali learners of English*

**E. Laboratory Coordinator Supervision**

Raina Gahndhi (2025– ); Telma Jorjani (2025– ); Isabelle Pastula (2025); Julianne Hu (2023–2025); Irys-Amelie Champagne (2021–2023); Breanna Pratley (2020–2021); Kristen Allen (2019–2020); Hanna Zhang (2018–2019); Irene Delicano (2017–2018); Rachel Soo (2016–2018)

**F. Research Assistant Supervision**

Haiqing Wong (2025– ); Indya Babber (2025– ); Jeslyn Hou (2025– ); Zhen Yan Lin (2025– ); Vishnuka Paheerathan (2025– ); Belle Zhu (2024– ); Julia Plumb (2025); Hajun Thillaiambalam (2025); Melanie Wang (2025– ); Kayleen Yu (2025); Raina Gandhi (2024–2025); Temla Jorjani (2024–2025); Hattie Hu (2024–2025); Katie Ma (2024–2025); Effie Balodemas (2024–2025); Wilny Wong (2024–2025); Dhruv Mehta (2024–2025); Jiahui Pan (2024); Maya Kawasaba (2024); Lauren Hong (2023–2024); Gabby Lai (2023–2024); Isabelle Pastula (2023–2025); Kristen Tadros (2023–2024); Sophia Tsagopoulos (2023–2025); Irene Guerrero (2022–2024); Mirosława Soriano Lopez (2022–2024); Ruomou Sun (2022–2024); Alexandria Au (2023); Rheina Firdiawati (2022–2025); Divyashri Sankaran (2022–2023); Julia Passareli (2022–2023); Vanessa Ip (2022–2023); Julianne Hu (2022–2023); Andrea Giron (2022–2023); Idila Yogeswaran (2022–2023); Joyce Li (2021–2022); Sherinne Clarissa (2021–2022); Sherry Yuan (2021–2022); Akathian Santhakumar (2021–2022); Vanessa Laham (2021–2022); Sahana Gopalakrishnan (2021–2022); Helena Ng (2020–2022); Katelyn Tadros (2020–2022); Winnie Chen (2020–2021); Christine Kim (2020–2021); Abigeya Haemichale (2019–2021); Rana Faizan (2019–2021); Kayla Smith (2019–2021); Jingshu Yao (2019–2021); Nabeeha Ali (2019–2020); Melanie Lamarca (2018–2020); Andrea Leung (2017–2020); Olivia Nadjovski (2018–2019); Kristen Allen (2017–2019); Gabriel Blanco Gomez (2018–2020); Stephanie Deschamps (2017–2019); Esther Kwok (2018–2019); Harveer Yeates (2019); Kitty Tsang (2017–2019); Inisiya Bhalloo (2017–2018); Amal Azeez (2016–2017); Michelle Chui (2016–2017); Michelle Chung (2015–2017); Sneha George (2016–2017); Rajan Shah (2016–2017); Janessa Tam (2016–2017); Karen Wong (2016–2017); Hanna Zhang (2016–2018); Tammy Lou (2015–2016); Steve Chung (2015–2016); Sarah Newman (2015–2016); Connie Ting (2015–2016); Mayoori Baskarasingham (2014–2017); Jessica Jor (2014–2015)

**G. Other teaching and lectures given**

2024 LINA01 Introduction to Linguistics  
University of Toronto Scarborough

2023 LIN472A Advanced Phonetics  
Concordia University

2023, 2021 LIN1106 Introduction to Experimental Methods  
University of Toronto

2020, 2018 LIN1205 Topics in Experimental Methods  
2015, 2014 University of Toronto

2014–2024	LIN2101 Junior Forum University of Toronto
2017–2018	JLP471 Advanced Psycholinguistics University of Toronto
2014–2016	LINA02 Applications of Linguistics University of Toronto Scarborough

F. **ADMINISTRATIVE POSITIONS**

15. A. Positions held and service on committees and organizations within the University.

**University of Toronto**

2019	Research Ethics Board (Soc Sci & Hum), Acting Chair
2018–2020	Research Ethics Board (Soc Sci & Hum), Vice-Chair Panel A
2016–2020	Research Ethics Board (Soc Sci & Hum), Full Member

**University of Toronto, University College**

2019	Advisory Committee, Cognitive Science Director Search
2015–2019	Advisory Committee Member, Cognitive Science Program

**University of Toronto, Department of Linguistics**

2025–2026	Reading Committee, Tenure
2025	Interim Review, Research Committee
2024–2026	Awards Committee
2024	Teaching Committee, Tenure
2024	Interim Review Committee
2023	Interim Review Committee
2022	Interim Review Committee, Chair
2021–2023	Graduate Admissions and Awards Committee
2021	Interim Review, Research Committee
2021	Cognitive Science of Language Research Group, Co-organizer
2021	Reading Committee, Tenure
2020	Back to Space Committee
2019–2020	Psycholinguistics Group, Organizer
2019–2020	Interim Review, Teaching Committee
2019–2020	Website Committee
2019–2020	Anti-Harassment Committee
2016–2020	Academic Appeals
2014–2020	UTSC Liaison
2015–2016	Psycholinguistics Group, Organizer

**University of Toronto Scarborough**

2025	UTEA Adjudication Committee
2022	Interim Review Committee (Psychology)
2021–2022	Research Advisory Board
2014–2015	Educational Technology Working Group, Member
2017, 2019	UTSC Library Research Poster Forum, Judge

**University of Toronto Scarborough, Department of Language Studies (/CFL)**

2025 (Aug)	Acting Chair
2024	Program Coordinator Search
2023 (Aug)	Acting Chair
2023	Chair, Promotion to Sessional Lecturer II Committee
2023	Interim Review Committee
2023	Interim Review Committee
2022 (Aug)	Acting Chair
2022–	Associate Chair, Linguistics
	Curriculum Committee, Executive Committee, PTR Committee
2022–	Faculty Advisor, Department Student Association
2018–	Space Committee
2021–2022	Research Committee, Chair
2021–2022	Computational Linguistics Search Committee
2019–2020	Psycholinguistics Search Committee
2015–2020	Research Ethics Board, DERC Member
2018–2019	Advisory Committee, CFL Director Search
2015–2016	Psycholinguistics Search Committee
2014–2015	Advisory Committee, CFL Acting Director Search

**B. Positions held and service on committees and organizations outside the University.**

2024	Department of Linguistics, Simon Fraser University
	Chair, External Review Committee

**G. RESEARCH TRAINING EXPERIENCE****16. A. Training received and visiting positions in other institutions.**

2013	Fieldtrip MATLAB Workshop BCBL, Spain
2012	Visiting Staff Department of Psychology, University of Edinburgh, UK
2008–2009	Graduate Research Assistantship Department of Linguistics, University of Maryland NIH 7R01DC005660-07 <i>Cortical Mechanisms in Speech Perception</i> Principle Investigators: David Poeppel, William J. Idsardi
2003–2004	Visiting Scholar Department of Linguistics, University of California San Diego
2002–2003	Graduate Research Assistantship Program in Linguistics, University of Florida NSF BCS-0131993 <i>Variation in Control Structures</i> Principle Investigators: Eric Potsdam, Maria Polinsky

H. **OUTREACH**

17. A. Interviews in media.

- 2021 Interview. [What role does voice play in selecting a partner?](#)  
Andrea Yu, Toronto Star – November 14, 2021
- 2019 Interview. [U of T-led study looks at difference in brainwaves when people speak in mother tongue or second language.](#) Don Campbell, University of Toronto News – February 19, 2019
- 2019 Interview. [When we converse our brain waves synch up; where exactly depends on the language we're using.](#) Don Campbell, UTSC – February 19, 2019
- 2016 Interview. [Dan Shulman, the voice that launched 1,000 homers.](#)  
Sean Fitz-Gerald, Toronto Star – May 8, 2016
- 2011 Interview. ¿Percepción del habla?  
Onda Vasca (FM 95.6) – June 10, 2011