

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
100 St. George Street
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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, SinFonIJA, 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

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| 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
Representing and predicting speech: Neurophysiological and perceptual dynamics
 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
Predicting speech: Cortical oscillations and perceptual dynamics
 Natural Sciences and Engineering Research Council (NSERC) of Canada
 \$161,000 (CAD)
- 2015–2017 SSHRC Insight Development Grant, Principal Investigator
Exploring speech sound representations: Features and categories in monolingual and bilingual speakers
 Social Sciences and Humanities Research Council (SSHRC) of Canada
 \$66,856 (CAD)
- 2014–2015 Connaught New Researcher Award, Principal Investigator
Determining the neural time course of access to phonological structure using electrophysiology
 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
Prediction in speech perception and spoken word recognition
 European Commission
 €178,380 (EUR)

Major Grants: Collaborator

- 2025–2029 Plan Nacional, Government of Spain
Medición y amplificación de las interacciones durante conversaciones
 PI: Alejandro Pérez
 €229,251 (EUR)

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. Bhattachari (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.
- Ariyaei, 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 Biolinguistics*, (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 22nd West Coast Conference on Formal Linguistics*, (Eds.) Garding, G., & Tsujimura, M., pp. 356-369. Somerville, MA: Cascadilla 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.**

(^v = 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. *4th 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^h*, 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. *65th 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.^v
- 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.
 - *PhonolEEGy 2*, University of Massachusetts Amherst: June 24–25, 2023.
 - *MOT^h*, McGill University: April 19–20, 2024.
- Larrazá, S., Munarriz-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. *181st 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.^v
- 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.^v
- 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.^v
 - *33rd Meeting of the North American Conference on Chinese Linguistics*, University of Chicago: June 24–25.^v
- Soo, R. & Monahan, P.J. (2021). Dominance versus age of acquisition: Auditory translation priming in heritage Cantonese listeners. *33rd Meeting of the North American Conference on Chinese Linguistics*, University of Chicago: June 24–25.^v

- Pratley, B. & **Monahan, P.J.** (2021). Can English idioms undergo the dative Alternation? A priming investigation.
- *95th Annual Meeting of the Linguistic Society of America*, San Francisco, CA: January 7–10.^v
 - *43rd Annual Conference of the German Linguistic Society*, Freiberg, Germany: February 23–26.^v
 - *PsychoSHORTS*, University of Ottawa: February 26, 2021.^v
 - *34th Annual CUNY Conference on Human Sentence Processing*, University of Pennsylvania: March 4–6.^v
- 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.^v
- 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.^v
- 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.^v
- Monahan, P.J.**, Baskarasingham, M. & Pérez, A. (2019). The perception of frequency modulated sounds in tone and non-tone language speakers: An electroencephalography study. *178th 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. *177th 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.
 - *29th International Conference of Applied Psychology*, Montreal, QC: June 26–30.
 - *16th 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. *92nd 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. *58th 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. *22nd 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. *25th 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. *52nd 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. *46th 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. *17th 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. *77th 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. *2nd Annual University Scholars Symposium*, University of Florida: March 31.

11. Invited Lectures

(^v = 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.^v
- 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.^v
- Monahan, P.J.** (2020). Features from classes: Two EEG studies in phonological abstraction. Institut für Germanistische Sprachwissenschaft, Philipps-Universität Marburg, Germany: December 16.^v
- 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: Dialects, 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
Representing and predicting speech: Neurophysiological and perceptual dynamics
Funding: NSERC Discovery Grant
- 2017–2019 Alejandro Pérez
Predicting speech: Cortical oscillations and perceptual dynamics
Funding: NSERC Discovery Grant

PhD Theses

- in progress Zhanao Fu
Segmental features according to neurolinguistic and psycholinguistic evidence
Department of Linguistics, University of Toronto
- in progress Emily Blamire
Guess who: Linguistic and social factors of voice recognition
Department of Linguistics, University of Toronto
- 2025 Koorosh Ariyaei
Reduced Forms and Their Mental Representation in the Lexicon
Department of Linguistics, University of Toronto
Co-supervised w/ Jessamyn Schertz
- 2019 Patrick Murphy
Listening to writers and riders: Partial contrast and perception of Canadian raising
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 <i>Talker accent modulates neural processing of Mandarin-English code-switched speech</i> Department of Linguistics, University of Toronto</p> |
| 2023 | <p>Katherine Sung <i>Semantic and phonetic context interact in Cantonese lexical tone perception</i> Department of Linguistics, University of Toronto</p> |
| 2022 | <p>Hanna Zhang <i>The role of perceptual feedback and category robustness for second language French learners</i> Department of Linguistics, University of Toronto</p> |
| 2020 | <p>Breanna Pratley <i>Can English idioms undergo the dative alternation? A priming investigation</i> Department of Linguistics, University of Toronto</p> |
| 2019 | <p>Sadaf Rahamanian <i>Comprehension of minimal linguistic phrases using EEG</i> Department of Linguistics, University of Toronto</p> |
| 2018 | <p>Rachel Soo <i>Lexical-phonological interactions in Cantonese: Investigating tone merger in native and heritage speakers</i> Department of Linguistics, University of Toronto</p> |
| 2018 | <p>Jessica Yeung <i>The role of vowels in Hebrew word processing</i> Department of Linguistics, University of Toronto</p> |
| 2014 | <p>Michael David Schwan <i>A preliminary description of the acoustics of Canadian English ejectives</i> Department of Linguistics, University of Toronto</p> |
| 2013 | <p>Diana Cordiero <i>The effect of speaker's identity on gender processing in Spanish</i> Basque Centre on Cognition, Brain and Language (BCBL) Co-supervised w/ Adriana Hanulíková</p> |
| 2013 | <p>Laura Gwilliams <i>Sensitivity to morphological composition: Evidence from grammatical and lexical identification tasks</i> Basque Centre on Cognition, Brain and Language (BCBL) 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 rd 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; 3rd place)
- 2021–2022 Emilia Scanga
Perceptual learning of Italian geminates in L2 speakers
 + Scarborough Undergraduate Linguistics Conference (2022; 2nd 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; 2nd 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, 3rd place)
- 2018 Insiya Bhalloo
Investigating orthographic processing via phonological exposure in Arabic speakers and readers
 + TUCLON (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
 16th Asia TEFL International Conference (2018), ConSOLE XXVI (2018), ICAP (2018), + Scarborough Undergraduate Linguistics Conference (2018, 2nd place), + WINNER: UTSC Library Research Prize Forum (2018), + Scarborough Undergraduate Linguistics Conference (2017, 1st place), + WISSLR (2017), + WINNER: UTSC Undergraduate Research Prize (2017), + Honorarium Recipient, 5th 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, 2nd place), + Honorarium Recipient, 5th 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 Mayoori 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, 3rd 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); Miroslava 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 Haemicale (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 Nadgoviski (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

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| 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

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

University of Toronto, Department of Linguistics

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| 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

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| 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)

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| 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.

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| 2024 | Department of Linguistics, Simon Fraser University Chair, External Review Committee |
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G. RESEARCH TRAINING EXPERIENCE

16. A. Training received and visiting positions in other institutions.

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|-----------|---|
| 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