

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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Laboratory: <https://www.utscc.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
2005-2009	Graduate Assistant Department of Linguistics, University of Maryland

4. **HONOURS**

2022	Nominated, Research Excellence Faculty Scholars University of Toronto Scarborough
2022	Nominated, Research Recognition Award University of Toronto Scarborough
2016-2018, 2022, 2024	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, Psychonomic Bulletin & Review, Psychophysiology, 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- 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

2025-2031	NSERC Discovery Grant <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) \$10,000 (CAD) Co-PI: Yoonjung Kang
2024-2025	UTSC Tri-Agency Bridge Funding \$10,000 (CAD)
2017-2023	NSERC Discovery Grant <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 <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 <i>Determining the neural time course of access to phonological structure using electrophysiology</i> University of Toronto \$10,000 (CAD)
2013-2014	UTSC Vice Principle of Research Competitiveness Fund University of Toronto Scarborough \$10,000 (CAD)
2011-2013	Marie Curie IIF FP7-People-2010-IIF <i>Prediction in speech perception and spoken word recognition</i> European Commission €178,380 (EUR)

Major Grants: Collaborator

2011-2014	Plan Nacional, Government of Spain <i>Describiendo procesos integrativos en la comprensión del lenguaje a través de la sincronía neuronal</i> PI: Ramón Guevara Erra €61,710 (EUR) – Declined
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Teaching-Related Grants

2019, 2022-2024	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

2024	University of Toronto Excellence Award: Social Sciences and Humanities Recipient: Lauren Hong \$7,500
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 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 \$4000 (USD)
2017	Instituto Internacional Macau Young Researcher Award: Janessa Tam
2017	University of Toronto Excellence Award: Social Sciences and Humanities Recipient: Hanna Zhang \$6,000
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**

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). Language dominance and order of acquisition affect auditory translation priming in heritage speakers. *Quarterly Journal of Experimental Psychology* 76(2): 284-293.

Soo, R. & **Monahan, P.J.** (2022). Phonetic and lexical encoding of tone in Cantonese heritage speakers. *Language and Speech*.

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.** (to appear). Neuroimaging in phonology. In *The Wiley Blackwell Companion to Phonology, Second Edition*, (Ed.) Samuels, B. Hoboken, NJ: Wiley-Blackwell.
- 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.
- 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: 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.

(^v = virtual presentation)

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.

Larraz, 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.** (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: 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

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, 2022-2024

LIND01 Independent Study in Linguistics
Fall 2014, Fall 2015, Fall 2017

LIND02 Independent Study in Linguistics
Fall 2015

LIND03 Independent Study in Linguistics
Summer 2018

LIND07 Independent Study in Linguistics
2016-2017

NROD98 Honours Thesis in Neuroscience (supervision only)
2016-2017, 2022-2023, 2023-2024

PLID01 Independent Study in Psycholinguistics
Winter 2016 (x2), Summer 2016, Fall 2016 (x4), Summer 2017, Fall 2017,
Winter 2018, Summer 2018, Summer 2021, Fall 2021 (x3), Summer 2022,
Winter 2023, Winter 2024, Fall 2024

PLID02 Independent Study in Psycholinguistics
Fall 2016, Winter 2017 (x2), Fall 2017, Winter 2018, Winter 2019, Summer
2019, Winter 2020, Fall 2022

PLID03 Independent Study in Psycholinguistics
Fall 2017, Winter 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)

C. Graduate Supervision

Post-doctoral Fellows

2024-	Chao Han Funding: NSERC Discovery Grant
2017-2019	Alejandro Pérez Funding: NSERC Discovery Grant

PhD Theses

in progress	Zhanao Fu <i>Title TBD</i> Department of Linguistics, University of Toronto
in progress	Koorosh Ariyae <i>Title TBD</i> Department of Linguistics, University of Toronto Co-supervised w/ Jessamyn Schertz
in progress	Emily Blamire <i>Title TBD</i> Department of Linguistics, University of Toronto
2019	Patrick Murphy <i>Listening to writers and riders: Partial contrast and the perception of Canadian raising</i> Department of Linguistics, University of Toronto

PhD Generals Papers, supervisor

University of Toronto:

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

in progress	Khushi Patil <i>TBD</i> Department of Linguistics, University of Toronto
2023	Katherine Sung <i>Semantic and Phonetic Context Interact in Cantonese Lexical Tone Perception</i> Department of Linguistics, University of Toronto
2022	Hanna Zhang <i>The Role of Perceptual Feedback and Category Robustness for Second Language French Learners</i> Department of Linguistics, University of Toronto
2020	Breanna Pratley <i>Can English idioms undergo the dative alternation? A priming investigation</i> Department of Linguistics, University of Toronto
2019	Sadaf Rahmanian <i>Comprehension of minimal linguistic phrases using EEG</i> Department of Linguistics, University of Toronto
2018	Rachel Soo <i>Lexical-phonological interactions in Cantonese: Investigating tone merger in native and heritage speakers</i> Department of Linguistics, University of Toronto
2018	Jessica Yeung <i>The role of vowels in Hebrew word processing</i> Department of Linguistics, University of Toronto
2014	Michael David Schwan <i>A preliminary description of the acoustics of Canadian English ejectives</i> Department of Linguistics, University of Toronto
2013	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
2013	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

PhD Theses, supervisory committeeUniversity 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 Mohaghegh (2016, Linguistics)

PhD Theses, evaluation committeeUniversity 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 Arsenaault (2016, Psychology); Yu-Leng Ling (2016, Linguistics); LeAnne Brown (2014, Linguistics)

PhD Generals Papers, supervisory committeeUniversity of Toronto:

Xinyu Liao (in progress, Linguistics); Laura Griffin (2023, Linguistics); Shouyu Ling (2023, Psychology); Song Jiang (2022, Linguistics); Koorosh Aariye (2020, Linguistics); Zoe McKenzie (2018, Linguistics); Erin Hall (2016, Linguistics); Nicole Durham (2014, Speech Language Pathology)

PhD Generals Papers, evaluation committeeDepartment of Linguistics, University of Toronto:

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 committeeUniversity of Toronto:

Kieran Wheatley (2023, Rehabilitation Sciences Institute); Jaewoong Moon (2018, Institute of Biomaterials and Biomedical Engineering); Emily Blamire (2014, Linguistics); Meida Percival (2014, Linguistics)

Basque Center on Cognition, Brain and Language (BCBL):

Natalia Shitova (2013); Mikel Lizarazu (2013)

Simon Fraser University:

Xizi Deng (2020, Linguistics)

D. 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).

2023-2024	<p>Lauren Hong & Barbara Ziyi Xia</p> <p><i>Accented Speech Affects Phonetic Processing: A Neurophysiological Approach</i></p> <p>- + Scarborough Undergraduate Linguistics Conference (2024; 3rd place), + Southern California Undergrad Ling Conference (2024)</p>
2023-2024	<p>Miroslava Soriano Lopez</p> <p><i>Bilingual perception of speech sound categories</i></p>
2022-2023	<p>Andrea Giron</p> <p><i>Interlanguage transfer of sound-symbolism in second language Spanish learners</i></p> <p>- + Scarborough Undergraduate Linguistics Conference (2023; 2nd place)</p> <p>-</p>
2022-2023	<p>Idila Yogeswaran</p> <p><i>Phonemic encoding in the neurophysiology during continuous speech production: Evidence from electroencephalography</i></p>
2021-2022	<p>Katelyn Tadros</p> <p><i>Cognate processing and role of false friends in L2 French learners</i></p> <p>- + Scarborough Undergraduate Linguistics Conference (2022), + Finalist, UTSC Undergraduate Research & Creative Forum (URCF)</p>
2021-2022	<p>Helena Ng</p> <p><i>Tone mergers in Cantonese production</i></p> <p>- + Scarborough Undergraduate Linguistics Conference (2022; 3rd place)</p>
2021-2022	<p>Emilia Scanga</p> <p><i>Perceptual learning of Italian geminates in L2 speakers</i></p> <p>- + Scarborough Undergraduate Linguistics Conference (2022; 2nd place)</p>
2021	<p>Christine Kim & Winnie Chen</p> <p><i>Categorical perception in Canadian native Mandarin speakers</i></p>
2019-2020	<p>Zahra Anwar</p> <p><i>The effects of musical training on auditory brain stem responses using EEG</i></p>
2018-2019	<p>Hanna Zhang</p> <p><i>Lexical tone perception in native versus heritage Mandarin speakers</i></p> <p>- International Symposium on Bilingualism (2019), + Finalist, UTSC Library Poster Forum (2018), + Scarborough Undergraduate Linguistics Conference (2018)</p>
2018-2020	<p>Andrea Michelle Leung</p> <p><i>The effect of visual integration of pitch contour in Mandarin tone perception</i></p> <p>- Nordic Symposium on Multimodal Communication (2019), + Southern California Undergrad Linguistics Conference (2019), + Scarborough Undergraduate Linguistics Conference (2019; 2nd place)</p>

- 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
- + 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
- 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 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, 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**

Julianne Hu (2023-); 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**

Effie Balodemas (2024-); Raina Gandhi (2024-); Hattie Hu (2024-); Temla Jorjani (2024-); Wilny Wong (2024-); Belle Zhu (2024-); Dhruv Mehta (2024-); Jiahui Pan (2024); Maya Kawasaba (2024); Lauren Hong (2023-2024); Gabby Lai (2023-2024); Isabelle Pastula (2023-); Kristen Tadros (2023-2024); Sophia Tsagopoulos (2023-); Irene Guerrero (2022-2024); Miroslava Soriano Lopez (2022-); Ruomou Sun (2022-2024); Alexandria Au (2023); Rheina Firdiawati (2022-); 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); 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 Nadjoviski (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); Mayoore 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
2021, 2023	LIN1106 Introduction to Experimental Methods University of Toronto
2014, 2015 2018, 2020 2014-2024	LIN1205 Topics in Experimental Methods University of Toronto LIN2101 Junior Forum University of Toronto
2017-2018	JLP471 Advanced Psycholinguistics University of Toronto
2014-2016	LINA02 Applications of Linguistics University of Toronto Scarborough

E. **ADMINISTRATIVE POSITIONS**

13. 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

2024-2025	Awards Committee
2024	Teaching Committee (Tenure)
2022	Interim Review, 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

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)

2023 (Aug)	Acting Chair
2023	Chair, Promotion to Sessional Lecturer II Committee
2022 (Aug)	Acting Chair
2022-2023	Associate Chair, Linguistics - Curriculum Committee, Executive Committee, PTR Committee
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
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F. RESEARCH TRAINING EXPERIENCE

14. 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 and 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 *Variation in Control Structures*
 Principle Investigators: Eric Potsdam and Maria Polinsky

G. **OUTREACH**

15. 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