

## 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.utsc.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 and 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 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

- 2017-2023 NSERC Discovery Grant  
*Predicting speech: Cortical oscillations and perceptual dynamics*  
Natural Sciences and Engineering Research Council (NSERC) of Canada  
\$138,000 (CAD)
- 2015-2017 SSHRC Insight Development Grant  
*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  
*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  
University of Toronto Scarborough  
\$10,000 (CAD)
- 2011-2013 Marie Curie IIF FP7-People-2010-IIF  
*Prediction in speech perception and spoken word recognition*  
European Commission  
€178,380 (EUR)

### Major Grants: Collaborator

- 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 Department Research Fund  
University of Toronto Scarborough Research Office  
Co-PIs: Curt Anderson, Yoonjung Kang, Dave Kush, Rena Helms-Park, Safieh Moghaddam, Juvénal Ndayiragije  
\$30,000 (CAD)
- 2019 Department Research Fund  
University of Toronto Scarborough Research Office  
Co-PIs: Blair C. Armstrong, Yoonjung Kang, Rena Helms-Park, Safieh Moghaddam, Juvénal Ndayiragije  
\$30,000 (CAD)

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

### **Student/Post-Doc Research Funding**

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**

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

- 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.
- Kwon, N., **Monahan, P.J.**, & Polinsky, M. (2010) Object control in Korean: A backward control imposter. 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.

## 8. Non-Refereed Publications

### A. Articles

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.

**Monahan, P.J.,** Takahashi, E., Nakao, C. & Idsardi, W.J. (2009). Not all epenthetic contexts are equal: Differential effects in Japanese illusory vowel perception. In *Japanese/Korean Linguistics, Vol. 17*, (Eds.) Iwasaki, S., Hoji, H., Clancy, P.M., & Sohn, S.-O., pp. 391-405. Stanford, CA: CSLI.

**Monahan, P.J.** (2003). Backward object control in Korean. In *Proceedings of the 22<sup>nd</sup> West Coast Conference on Formal Linguistics*, (Eds.) Garding, G., & Tsujimura, M., pp. 356-369. Somerville, MA: Cascadilla Press.

**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

**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.

### 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.**

Fu, Z., Yogeswaran, I. & Monahan, P.J. (2023). Investigating phonemic encoding with electroencephalography during continuous speech production. *Summer Phonetics/Phonology Forum*, University of Toronto: July 5.

Fu, Z., Yogeswaran, I. & Monahan, P.J. (2023). Investigating phonemic encoding with electroencephalography during continuous speech production. *PhonolEEGy 2*, University of Massachusetts Amherst: June 24-25.

Larraza, 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. *181<sup>st</sup> Annual Meeting of the Acoustical Society of America*, Seattle, WA: November 29-December 3.

Fu, Z. & Monahan, P.J. (2021). Extracting phonetic features from natural classes: A mismatch negativity study of Mandarin Chinese retroflex consonants. *Annual Meeting of the Society for the Neurobiology of Language*: October 5-8. [virtual]

Taghipour, S. & Monahan, P.J. (2021). The effect of paradigmatic gaps in visual word recognition. *5th American International Morphology Meeting*, Ohio State University: August 26-29. [virtual]

Fu, Z. & Monahan, P.J. (2021). Extracting phonetic features from natural classes: A mismatch negativity study of Mandarin Chinese retroflex consonants. *33<sup>rd</sup> Meeting of the North American Conference on Chinese Linguistics*, University of Chicago: June 24-25. [virtual]

Soo, R. & Monahan, P.J. (2021). Dominance versus age of acquisition: Auditory translation priming in heritage Cantonese listeners. *33<sup>rd</sup> Meeting of the North American Conference on Chinese Linguistics*, University of Chicago: June 24-25. [virtual]

Pratley, B. & Monahan, P.J. (2021). Can English idioms undergo the dative Alternation? A priming investigation. *34<sup>th</sup> Annual CUNY Conference on Human Sentence Processing*, University of Pennsylvania: March 4-6. [virtual]

Fu, Z. & Monahan, P.J. (2021). Extracting phonetic features from natural classes: A mismatch negativity study of Mandarin retroflex consonants. *PsychoSHORTS 2021*, University of Ottawa: February 26. [virtual]

- Pratley, B. & **Monahan, P.J.** (2021). Can English idioms undergo the dative Alternation? A priming investigation. *PsychoSHORTS 2021*, University of Ottawa: February 26. [virtual]
- Pratley, B. & **Monahan, P.J.** (2021). Can English idioms undergo the dative Alternation? A priming investigation. *43<sup>rd</sup> Annual Conference of the German Linguistic Society*, Freiberg, Germany: February 23-26. [virtual]
- Pratley, B. & **Monahan, P.J.** (2021). Can English idioms undergo the dative Alternation? A priming investigation. *95<sup>th</sup> Annual Meeting of the Linguistic Society of America*, San Francisco, CA: January 7-10. [virtual]
- 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. [virtual]
- 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. [virtual]
- 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. [virtual]
- Monahan, P.J.**, Baskarasingham, M. & Pérez, A. (2019). The perception of frequency modulated sounds in tone and non-tone language speakers: An electroencephalography study. *178<sup>th</sup> Annual Meeting of the Acoustical Society of America*, San Diego, CA: December 2-6.
- Murphy, P. & **Monahan, P.J.** (2019). Cross-dialectal perception of Canadian raising. *New Ways of Analysing Variation 48*, University of Oregon: October 10-12.
- Leung, A., Fu, Z. & **Monahan, P.J.** (2019). The effect of visual integration of pitch contour in Mandarin tone perception. *6<sup>th</sup> European and 9<sup>th</sup> Nordic Symposium on Multimodal Communication*, University of Leuven, Belgium: September 9-10.
- Monahan, P.J.**, Pérez, A. & Schertz, J. (2019). Abstract phonological features: EEG evidence from English voicing. *Annual Meeting of the Canadian Linguistics Association*, University of British Columbia, May 31-June 3.
- Zhang, H. & **Monahan, P.J.** (2019). Sentential biasing of lexical tone perception in heritage and native Mandarin speakers. *International Symposium on Bilingualism 12*, University of Alberta, June 23-28.
- Fu, Z. & **Monahan, P.J.** (2019). Bidirectional decay of auditory memory traces for pitch in speech sounds. *177<sup>th</sup> Annual Meeting of the Acoustical Society of America*, Louisville, KY: May 15-19.
- Mohsin, N., Chughtai, S. & **Monahan, P.J.** (2018). Bilingualism affects Urdu pronunciations: Investigating the speech patterns of Urdu heritage and native speakers in Toronto. *Second Language Research Forum*, Université de Montréal: Oct 25-28.

- Tam, J., Chui, M., Lau, H.-T. & Monahan, P.J. (2018). Processing Digraphic Text (Cantonese-English) in Social Media Settings. *16<sup>th</sup> Asia TEFL International Conference*. Universidade de Macau, China: June 27-29.
- Tam, J., Chui, M., Lau, H.-T. & Monahan, P.J. (2018). Processing digraphic text (Cantonese-English) in social media settings. *29<sup>th</sup> International Conference of Applied Psychology*, Montreal, QC: June 26-30.
- 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. *1<sup>st</sup> 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. *The 92<sup>nd</sup> Annual Meeting of the Linguistic Society of America*. Salt Lake City, Utah: January 4-7.
- Soo, R., & Monahan, P.J. (2017). Encoding lexical tone in memory: Resolving acquisition and perception asymmetries in Cantonese speakers. *58<sup>th</sup> Annual Meeting of the Psychonomics Society*, Vancouver, BC: November 9-12.
- Monahan, P.J. & Schertz, J.** (2017). Auditory cortex represents abstract phonological features: A mismatch negativity study of English voicing. *Annual Meeting of the Society for the Neurobiology of Language*, Baltimore, MD: November 8-10.
- Monahan, P.J. & Narayan, C.** (2017). When do words get in the way? An EEG investigation of the interaction between talker and linguistic cues in speech processing. *Annual Meeting of the Society for the Neurobiology of Language 2017*, 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, 2016. (w/ Murphy, P., Grant, M.)

- 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. *The 22<sup>nd</sup> Czech-German Workshop on Speech Communication*, Prague, Czech Republic: September 25-27.
- Monahan, P.J.** (2013). Using long-distance harmony to probe prediction in speech perception: ERP evidence from Basque. *Neurobiology of Language Conference*, 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 2013: 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 2013: 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. *8<sup>th</sup> International Morphological Processing Conference*, University of Cambridge, UK: June 20-22.
- Monahan, P.J.** (2013). Long distance harmony guides prediction in speech perception: ERP evidence from Basque sibilant harmony. *Cognitive Neuroscience Society*, San Francisco, CA: April 13-16.
- Bastarrika, A., **Monahan, P.J.** & Davidson, D. (2013). The auditory contralateral advantage as a model system for studying connectivity. *Cognitive Neuroscience Society*, San Francisco, CA: April 13-16.
- Scharinger, M., **Monahan, P.J.** & Idsardi, W.J. (2013). Predictive processing is influenced by the specificity of speech sound representations. *Cognitive Neuroscience Society*, San Francisco, CA: April 13-16.
- Scharinger, M., **Monahan, P.J.** & Idsardi, W.J. (2012). Rapid extraction of dialect information from the speech input: Consequences for phonology. *Laboratory Phonology 13*, University of Stuttgart, Germany: July 26-29.
- Monahan, P.J.**, Martin, A.E., & Samuel, A. (2012). Vowel identification shaped by phrasal gender agreement expectation. *25<sup>th</sup> Annual CUNY Conference on Human Sentence Processing*, City University of New York: March 14-16.
- Molinaro, N., **Monahan, P.J.**, Barber, H.A. & Carreiras, M. (2011). MEG correlates of grammatical agreement processing in Spanish. *The Third Annual Neurobiology of Language Conference*, Annapolis, MD: November 9-11.
- Carreiras, M., Molinaro, N., **Monahan, P.J.**, Helenius, P. & Duñabeitia, J. (2011). From visual encoding to meaning: Processing numbers, letters and pictures. *52<sup>nd</sup> Annual Meeting of the Psychonomics Society*, Seattle, WA: November 3-6.

- Carreiras, M., Molinaro, N., **Monahan, P.J.**, Helenius, P. & Duñabeitia, J. (2011). From visual encoding to meaning: Processing numbers, letters and pictures. *XI International Conference on Cognitive Neuroscience*, Mallorca, Spain: September 25-29.
- Lehtonen, M., **Monahan, P.J.** & Scharinger, M. (2011). The nature of early morphological segmentation: Which (sub)lexical properties predict the magnitude of masked morphological priming? *7<sup>th</sup> 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. *10<sup>th</sup> 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. *6th 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. *Neurobiology of Language Conference*, 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. *The Workshop on Consonant Clusters and Structural Complexity*, Munich, Germany: July 31-August 2.

- Hwang, S.-O., **Monahan, P.J.** & Idsardi, W.J. (2008). Evidence for the early detection of voicing mismatch in obstruent consonant clusters. *Cognitive Science Society*, Washington, DC: July 23-26.
- Idsardi, W.J., de Souza, K. & **Monahan, P.J.** (2008). MEG evidence for auditory restoration of fundamental pitch. *Cognitive Neuroscience Society*, San Francisco, CA: April 12-15.
- Lehtonen, M., **Monahan, P.J.** & Poeppel, D. (2008). Electrophysiological correlates of masked morphological priming. *Cognitive Neuroscience Society*, San Francisco, CA: April 12-15.
- Monahan, P.J.** & Idsardi, W.J. (2008). Early auditory sensitivity to formant ratios in vowel perception. *Cognitive Neuroscience Society*, San Francisco, CA: April 12-15.
- Monahan, P.J.**, Takahashi, E., Nakao, C., & Idsardi, W.J. (2007). Not all epenthetic contexts are equal: Differential effects in Japanese illusory vowel perception. *17<sup>th</sup> Japanese/Korean Linguistics Conference*, University of California Los Angeles: November 9-11.
- Monahan, P.J.** & Idsardi, W.J. (2007). Neuromagnetic evidence for the early computation of formant ratios in vowel normalization. *Society for Neuroscience Meeting*, San Diego, CA: November 3-7.
- Monahan, P.J.** (2007). Neuromagnetic evidence for the early computation of formant ratios in vowel normalization. *Middle America Linguistics Conference*, University of Kansas: October 26-28.
- Monahan, P.J.**, Fiorentino, R., & Poeppel, D. (2006). Spectrotemporal analysis of immediate repetition priming using MEG. *Biomag*, Vancouver, BC: August 20-26.
- Monahan, P.J.** (2003). Backward object control in Korean. *West Coast Conference on Formal Linguistics XXII*, University of California San Diego: March 21-23.
- Monahan, P.J.** (2003). Backward object control in Korean: Empirical Evidence. *77<sup>th</sup> Annual Meeting of the Linguistic Society of America*, Atlanta, GA: January 2-5.
- Monahan, P.J.** (2002). Dependency relations between long distance phenomena in a constraint-based framework. *Southeastern Conference on Linguistics LXVI*, University of Memphis: April 18-20.
- Monahan, P.J.** (2002). Metrical structure and vowel harmony in Palestinian Arabic. *Texas Linguistic Society/Southwest Workshop on Optimality Theory 7*, University of Texas Austin: March 1-3.
- Monahan, P.J.** (2002). Harmony asymmetrically constrained by the metrical foot. *9<sup>th</sup> 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. *7<sup>th</sup> 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**

- Monahan, P.J.** (2023). Neurophysiological grouping of natural classes and the role of phonological features. *PhonolEEGy 2*, 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. [virtual]
- 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. [virtual]
- Monahan, P.J.** (2020). Features from classes: Two EEG studies in phonological abstraction. Institut für Germanistische Sprachwissenschaft, Philipps-Universität Marburg, Germany: December 16. [virtual]
- 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). *8<sup>th</sup> 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
LIND46	Field Methods in Linguistics (co-listed as FRED46) 2014
PLIC55	Psycholinguistics 2014-2015



PLIC75	Language and the Brain 2018, 2020, 2022-2023
PLID50	Speech Perception (PLIC15 until 2016) 2014-2019, 2022-2023
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
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
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

LIN1106 Introduction to Experimental Design  
2021

LIN1205 Topics in Experimental Design  
2016, 2018

LIN1250 Topics in Speech Perception  
2013-2015, 2018-2019

**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**

2017-2019 Alejandro Pérez  
Funding: NSERC Discovery Grant  
*Predicting speech: Cortical oscillations and perceptual dynamics*

**PhD Theses**

in progress Zhanao Fu  
*Title TBD*  
Department of Linguistics, University of Toronto

in progress Koorosh Ariyae  
*Title TBD*  
Department of Linguistics, University of Toronto  
Co-supervised w/ Jessamyn Schertz

in progress Emily Blamire  
*Title TBD*  
Department of Linguistics, University of Toronto

2019 Patrick Murphy  
*Listening to writers and riders: Partial contrast and the perception of Canadian raising*  
Department of Linguistics, University of Toronto

**PhD Generals Papers**

- 2021 Zhanao Fu  
*Bidirectional decay of auditory memory traces for pitch in speech sounds*  
Department of Linguistics, University of Toronto
- 2020 Sahar Taghipour  
*Early morphological decomposition: The effect of derivational gaps*  
Department of Linguistics, University of Toronto
- 2019 Virgilio Partido-Peñalava  
*Processing definiteness and animacy incongruencies in differential object marking constructions in Spanish*  
Department of Linguistics, University of Toronto
- 2018 Kiranpreet Nara  
*Imitation of Mandarin tones by L2 learners*  
Department of Linguistics, University of Toronto
- 2018 Emily Clare  
*Weighting of fricative voicing perceptual cues in noise*  
Department of Linguistics, University of Toronto
- 2017 Na-Young Ryu  
*The role of L2 language proficiency in perception: The Korean stop and affricate contrasts by Mandarin learners of Korean*  
Department of Linguistics, University of Toronto
- 2017 Patrick Murphy  
*Complement coercion in the Canadian English 'be done' NP construction*  
Department of Linguistics, University of Toronto
- 2016 Patrick Murphy  
*The effect of affrication patterns on perceptual tendencies in French*  
Department of Linguistics, University of Toronto
- 2015 Phil Howson  
*Remapping the perceptual space: An adaptive approach to sound change*  
Department of Linguistics, University of Toronto
- 2015 Emily Blamire  
*Consonants and vocal attractiveness*  
Department of Linguistics, University of Toronto

**MA Theses**

- in progress     Katherine Sung  
*TBD*  
 Department of Linguistics, University of Toronto
- 2022             Hanna Zhang  
*The Role of Perceptual Feedback and Category Robustness for Second Language French Learners*  
 Department of Linguistics, University of Toronto
- 2020             Breanna Pratley  
*Can English idioms undergo the dative alternation? A priming investigation*  
 Department of Linguistics, University of Toronto
- 2019             Sadaf Rahmanian  
*Comprehension of minimal linguistic phrases using EEG*  
 Department of Linguistics, University of Toronto
- 2018             Rachel Soo  
*Lexical-phonological interactions in Cantonese: Investigating tone merger in native and heritage speakers*  
 Department of Linguistics, University of Toronto
- 2018             Jessica Yeung  
*The role of vowels in Hebrew word processing*  
 Department of Linguistics, University of Toronto
- 2014             Michael David Schwan  
*A preliminary description of the acoustics of Canadian English ejectives*  
 Department of Linguistics, University of Toronto
- 2013             Diana Cordiero  
*The effect of speaker's identity on gender processing in Spanish*  
 Basque Centre on Cognition, Brain and Language (BCBL)  
 Co-supervised w/ Adriana Hanulíková
- 2013             Laura Gwilliams  
*Sensitivity to morphological composition: Evidence from grammatical and lexical identification tasks*  
 Basque Centre on Cognition, Brain and Language (BCBL)  
 Co-supervised w/ Arthur Samuel

### **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 Mohaghegh (2016, Linguistics)

#### **PhD Theses, evaluation committee**

##### University of Toronto:

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:

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 committee**

##### Department 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 committee**

##### University of Toronto:

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).

2022-2023      Andrea Giron  
*Interlanguage transfer of sound-symbolism in second language Spanish learners*  
 -      + Scarborough Undergraduate Linguistics Conference (2023; 2<sup>nd</sup> place)

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

- 2018 Insiya Bhalloo  
*Investigating orthographic processing via phonological exposure in Arabic speakers and readers*  
- + 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  
- 16<sup>th</sup> Asia TEFL International Conference (2018), ConSOLE XXVI (2018), ICAP (2018), + Scarborough Undergraduate Linguistics Conference (2018, 2<sup>nd</sup> place), + WINNER: UTSC Library Research Prize Forum (2018), + Scarborough Undergraduate Linguistics Conference (2017, 1<sup>st</sup> place), + WISSLR (2017), + WINNER: UTSC Undergraduate Research Prize (2017), + Honorarium Recipient, 5<sup>th</sup> Annual Interdisciplinary Research and Discovery Symposium
- 2016-2017 Monica Shah & Abduwahab Sidiqi  
*What do you hear? An investigation of lexical bias in sibilant perception*  
- + WINNER: UTSC Undergraduate Research Prize (2017), + Finalist, UTSC Library Research Prize Forum (2017), + Scarborough Undergrad Linguistics Conference (2017, 2<sup>nd</sup> place), + Honorarium Recipient, 5<sup>th</sup> Annual Interdisciplinary Research and Discovery Symposium
- 2016 Jennifer Chaya  
*Comprehension of active and passive sentences with high-context images in Broca's aphasia*
- 2016-2017 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, 3<sup>rd</sup> place)
- 2016-2017 Madhubala Ishwarya Shankar & Karen Wong  
*Variation in second language proficiency in correlation to age of acquisition and neurolinguistic development*
- 2016 Joymarie Soo  
*Locating the locus of language in the lexicon*
- 2016 Brenda Lau

*The understanding of bilingualism and its effect on higher order executive function in old-age*

- + Scarborough Undergrad Ling Conference (2017)

- 2016-2017 Rachel Soo  
*The Perception of tone and word recognition in native and heritage Cantonese*  
- + UBC Undergraduate Linguistics Colloquium (2019), Laboratory Phonology (2018), + UofT Summer Phonology Forum (2018), Soo & Monahan (BLS 2017), Berkeley Linguistics Society (2017), Psychonomics Society (2017), UofT Language Tapestry Workshop (2017), + Toronto Undergraduate Linguistics Conference (2017), + Cornell Undergraduate Linguistics Conference (2016), + CRC-Sponsored Summer Phonology Workshop (2016), + Southern California Undergrad Ling Conference (2016), + Finalist, UTSC Library Research Poster Forum (2016)
- 2016 Tammy Tian Yi Lou  
*Near-merger of lexical tone in Cantonese speaking aphasics*
- 2015 Sarah Newman  
*The effect of phonemes in poetry semantics*
- 2015 Fion Chee-Shan Chu  
*The Study of pitch and contour in Broca's aphasics*
- 2014 Yasmeen Ali  
*The VOT of Somali learners of English*

E. **Laboratory Coordinator Supervision**

Julianne Hu (2023- ); Irys-Amelie Champagne (2021-2023); Breanna Pratley (2020-2021); Kristen Allen (2019-2020); Hanna Zhang (2018-2019); Irene Deliccano (2017-2018); Rachel Soo (2016-2018)

F. **Research Assistant Supervision**

Alexandria Au (2023- ); Lauren Hu (2023- ); Gabby Lai (2023 - ); Sophia Tsagapolous (2023- ); Ruomou Sun (2022- ); Miroslava Soriano (2022-2023); Rheina Firdiawati (2022-2023); Irene Guerrero (2022-2023); 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); Mayoori Baskarasingham (2014-2017); Jessica Jor (2014-2015)

**G. Other teaching and lectures given**

2023	LIN472A Advanced Phonetics Concordia University
2021, 2023	LIN1106 Introduction to Experimental Methods University of Toronto
2014, 2015 2018, 2020	LIN1205 Topics in Experimental Methods University of Toronto
2014-2023	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**

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 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

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 *Cortical Mechanisms  
 in Speech Perception*  
 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