

Chandan R. Narayan

CURRICULUM VITAE

Department of Languages, Literatures, and Linguistics
York University
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EMPLOYMENT

2016- Associate Professor of Linguistics
2013-2016 Assistant Professor of Linguistics
Department of Languages, Literatures, and Linguistics
Associate Member, Graduate Program in Psychology
York University, Toronto

2008-2013 Assistant Professor of Linguistics
Centre for French and Linguistics, University of Toronto Scarborough
Graduate Faculty, Department of Linguistics, University of Toronto

2009-2010 Sessional Lecturer
Cognitive Systems
University of British Columbia, Vancouver

2006-2008 Language and Communication Science-IGERT (NSF) Postdoctoral Fellow
Institute for Research in Cognitive Science, University of Pennsylvania
Infant Language Center, Department of Psychology

ACADEMIC BACKGROUND

Ph.D. **Linguistics**, University of Michigan, Ann Arbor. July 2006
M.A. **Sanskrit**, University of California, Berkeley. May 2000
A.B. **Sanskrit**, University of California, Berkeley. May 1997

RESEARCH AFFILIATIONS

2013- Speech and Psycholinguistics Laboratory, York University (Director)
2013- Centre for Early Cognition, York University (Dept. of Psychology)
2008-2013 Toronto Speech Perception Laboratory, University of Toronto Scarborough (Director)
2008-2013 Laboratory for Infant Studies, University of Toronto Scarborough
2003-present Infant Studies Centre, Department of Psychology, University of British Columbia

AREAS OF EXPERTISE

Cross-language speech perception, phonological acquisition, infant-directed speech, speech perception in infancy, perceptual factors in historical sound change and typological patterns, talker discrimination

RESEARCH TRAINING

Functional Near Infrared Spectroscopy (fNIRS) Certification, The Cognitive Neuroscience Laboratory for Language and Child Development, University of Toronto Scarborough. Fall 2008.
Infant Studies Centre, Department of Psychology, University of British Columbia, Vancouver. Training in methods in infant speech perception. Summer 2003, Fall-Winter 2004-2005.

Research Assistant: Prof. P.S. Beddor, NSF Grant “The interplay between segmental timing and coarticulation: Acoustic, perceptual, and phonological investigations,” Winter 2004.
Mini-Institute on Speech Synthesis, Department of Linguistics, The Ohio State University. Summer 2002.
University of Pennsylvania, Visitor, Department of Linguistics, Research in Sanskrit grammar. Fall 1999.
Summer Institute, Linguistic Society of America, Univ. of Illinois, Urbana-Champaign. Summer 1999.

RESEARCH SUPPORT

Social Sciences and Humanities Research Council (SSHRC)-Explore Grant (2019): “Using Epigraphy and Psycholinguistics to Explain a Historical Sound Change,” **\$1700 CDN**
Liberal Arts and Professional Studies Minor Research Grant, York University (2019): “Speech processing and fragile phonetic contrasts in minority heritage languages in Toronto,” **\$4770 CDN**
Liberal Arts and Professional Studies Minor Research Grant, York University (2016): “A corpus of Tagalog infant-directed speech: forced phoneme alignment and nasal acoustics,” **\$3399 CDN**.
Liberal Arts and Professional Studies Minor Research Grant, York University (2013): “Exploring the interaction of acoustic salience and conceptual knowledge in infant speech perception,” **\$4250 CDN**.
Social Sciences and Humanities Research Council (SSHRC)-Small Research Grant, York University (2013): “Linguistic Interference in Non-linguistic Speech Perception: Evidence from Mono-and Bilinguals,” **\$2500 CDN**.
Liberal Arts and Professional Studies, York University-Startup Grant (2013), **\$30,000 CDN**
Social Sciences and Humanities Research Council (SSHRC)-Standard Research Grant (SRG#4487010) (2009-2013): “Contrast maintenance and enhancement in the cross-linguistic corpus of infant-directed speech (CCIDS),” **\$75,000 CDN**.

GRANTS & AWARDS

Social Sciences and Humanities Research Council (SSHRC)-Travel Grant, York University (2014): \$555
Emerging Scholars Prize (nomination), Institute for the Humanities, University of Michigan, 2010
University of Toronto Scarborough, Teaching Enhancement Grant (2009): \$2000 CDN.
University of Toronto Scarborough, Department of Humanities Startup Grant (2008): \$10,000 CDN.
Horace H. Rackham Distinguished Dissertation Award, University of Michigan, 2007.
LCS-IGERT Postdoctoral Fellowship, University of Pennsylvania. Awarded by the Institute for Research in Cognitive Science (IRCS) with funding from the National Science Foundation.
Rackham One-Term Dissertation Grant, Awarded by the University of Michigan Graduate School, 2006.
Rackham Merit Fellowship, Awarded by the University of Michigan Graduate School, 2001-2006.
Paula Menyuk Travel Award. Awarded by the Department of Applied Linguistics, Boston University, November 2005.
Department of Linguistics block grants: For various speech perception studies and follow-up infant data collection, Winter 2006, Fall 2005, Winter 2005, Summer 2004, Winter, 2004.
Summer Research Grant. Funded by the *John H. D’Arms Award for Distinguished Graduate Mentoring in the Humanities* to P.S. Beddor. Summer 2003.
Foreign Language and Area Studies (FLAS) fellowship, UM Center for South Asian Studies: Hindi, 2002-2003.
Department of South and Southeast Asian Studies block grant, UC Berkeley, 1998-1999.
Dean’s Honor List, UC Berkeley, 1992-1997.

PUBLICATIONS

IN PROGRESS

Kuimova, A. and Narayan, C. Non-word training improves perception of noise-vocoded words and sentences.
Narayan, C. and Adler, S. A Visual-Expectation Cueing Paradigm for infant speech perception.

REFEREED JOURNAL ARTICLES

Bergevin, C., **Narayan, C.**, Williams, J., Mhatre, N., Steeves, J., Story, B. (2020) “Overtone focusing in

Tuvan throat singing,” *Elife*, 9, e50476.

Narayan, C.R. (2020). “An acoustic perspective on 45 years of infant speech perception. Part 2: Vowels and Suprasegmentals,” *Language and Linguistics Compass*

Narayan, C.R. (2019). “An acoustic perspective on 45 years of infant speech perception. Part 1: Consonants,” *Language and Linguistics Compass* **13**, 10, e12352.

Narayan, C.R., Mak, L., Bialystok, E. (2016) “Words get in the way: Linguistic effects on talker discrimination,” *Cognitive Science*, **41**, 5, 1361.

Narayan, C.R. and McDermott, L. (2016) “Speech rate and pitch characteristics of infant-directed speech: Longitudinal and cross-linguistic observations,” *Journal of the Acoustical Society of America* **139** (3), 1272-1281.

Pons, F., Biesanz, J.C., Kajikawa, S., Fais, L. **Narayan, C.R.**, Amano, S., Werker, J.F. (2012). “Phonetic category cues in adult-directed speech: Evidence from three languages with distinct vowel characteristics,” *Psicologia*, **33**, 175-207.

Narayan, C.R., Werker, J.F., and Beddor, P.S. (2010). “The interaction between acoustic salience and language experience in developmental speech perception: Evidence from nasal place discrimination,” *Developmental Science* **13**, 3, 407-420.

Narayan, C.R. (2008). “The acoustic-perceptual salience of nasal place contrasts,” *Journal of Phonetics* **36**, 1, 191-217.

REFEREED BOOK CHAPTERS

Narayan, C.R. (2013). “Developmental perspectives on phonological typology and sound change,” in *Origins of Sound Patterns: Approaches to Phonologization*, ed. A.C.L. Yu (Oxford University Press).

Beddor, P.S., Brasher, A., and **Narayan, C.** (2007). “Applying perceptual methods to the study of phonetic variation and sound change,” in *Experimental Approaches to Phonology*, eds. M.J. Solé, P.S. Beddor, and M. Ohala (Oxford University Press).

Narayan, C. (2006), “*Follow your nose*: Non-native nasal-consonant perception in infancy” in *Proceedings of 30th Boston University Conference on Language Development* (Cascadia Press).

MANUSCRIPTS UNDER REVIEW

Narayan, C.R., Woldenga-Racine, V., Peters, A., Gorman, K., “Acoustics and classification of nasal place in longitudinal infant-directed Tagalog: Implications for acquisition” (submitted to the *Journal of Phonetics*)

PUBLISHED CONFERENCE PROCEEDINGS

“Pitch affects VOT: A cross-linguistic study” (2013) *Proceedings of the Meetings in Acoustics* (with Mary Bowden), **19**, pp. 060095

“VOT and f0 in Korean infant-directed speech” (2011) *Canadian Acoustics* (with T.J. Yoon and D. Denis), **39**, 3.

“Linguistic effects on speaker discrimination” (2010) *Journal of the Acoustical Society of America* (with M. Babel), **128**, 2349.

“Acoustic correlates of speaker discrimination in English” (2008) *Journal of the Acoustical Society of America*, **124**, 4, pt. 2, 2457.

“Perceptual salience and acoustic distance: Evidence from Tagalog nasal-place contrasts” (2006) *Journal of the Acoustical Society of America*, **119**, 3242.

“A phonological asymmetry and its perceptual consequence: The case of the velar-nasal onset” (2004) *Journal of the Acoustical Society of America*, **116**, 2572.

“Word-length and context effects on the acoustics of /ai/” (2004) *Journal of the Acoustical Society of America*, **115**, 5, pt. 2, 2541-2542.

INVITED TALKS

November 2019 “What do you hear when you listen to speech?” *Pumped for Post Sec* Lecture, Big Brothers and Sisters, York University

December 2015 “Listening for voices, hearing words: Linguistic effects on talker discrimination,”

- Neuroscience Seminar Series, York University
- November 2012 “The phonetic world of infants,” Department of Applied Linguistics Speaker Series, Brock University.
- March 2011 “What babies tell us about phonological types,” Canada Research Chair and Department of Linguistics co-sponsored workshop on Phonology: Acquisition. Learnability and Processing, University of Toronto.
- February 2011 “The acquisition of sound systems, the nature of the input, and the shapes of phonologies,” Cognitive Science Series, York University (Ontario).
- January 2011 “Intersections between language acquisition and historical linguistics,” Department of Humanities and Social Sciences, Indian Institute of Technology, Bombay (IIT-B)
- February 2010 “What language development in infants tells us about sound systems and change,” Department of Linguistics, University of Chicago. [Job talk]
- March 2009 “Some developmental perspectives on typology and sound change,” Department of Linguistics, University at Buffalo.
- October 2008 “Covert contrast in mothers’ speech,” Tri-Campus Linguistics Atelier, University of Toronto.
- September 2008 “Acoustic cues to [voice] in infant- and adult-directed speech,” Cognitive Neuroscience Laboratory for Language and Child Development, University of Toronto Scarborough.
- April 2008 “Infant-directed speech, developmental speech perception and a window of opportunity for sound change,” Department of Linguistics, Swarthmore College.
- February 2008 “What babies teach us about language: The intersections of infant speech perception, phonological typology, and historical phonology,” Department of Linguistics, University of Toronto. [Job talk]
- February 2007 “The intersections of developmental speech perception, acoustic salience, and phonological typology,” Department of Linguistics, University of California, San Diego. [Job talk]
- May 2006 “Perceptual salience and the development of speech perception,” Department of Psychology, Northwestern University.

REFEREED CONFERENCE PRESENTATIONS

- February 2019 “Overtone focusing in Tuvan throat singing,” Presented at the MidWinter meeting of the Association for Research Otolaryngology. Co-authored with Chris Bergevin, Jennifer Steeves, Joy Williams, and Brad Story.
- November 2017 “When do words get in the way? An EEG investigation of the interaction of talker and linguistic cues in speech processing,” Presented at the Neurobiology of Language Annual Conference, Baltimore.
- November 2017 “Fragile phonetic contrasts in longitudinal infant-directed speech: Implications for infant speech perception,” Presented at The 42nd Boston University Conference on Language Development (BUCLD42), Boston. Co-authored with Andrew Peters, Vanessa Woldenga-Racine, and Kyle Gorman.
- May 2017 “Overtone focusing in Tuvan throat singing,” Presented at the 2017 Congress of the Canadian Association of Physics, Kingston, ON. Co-authored with Christopher Bergevin, Jennifer Steeves, Joy Williams, and Brad Story.
- November 2014 “Semantic and phonological interference in talker discrimination,” Presented at the Annual Meeting of the Psychonomics Society, Long Beach, CA. Co-authored with Lorinda Mak and Ellen Bialystok.
- October 2014 “Lexical processing masks speaker and writer detail,” Presented at the International Conference on the Mental Lexicon 2014, Niagara-on-the-Lake, ON. Co-authored with Molly Babel and Matt McAuliffe.
- July 2012 “Linguistic effects on talker discrimination: The effect of *semantic cohesion*,” Presented at LabPhon 13, Stuttgart, Germany. Co-authored with Molly Babel.
- October 2011 “Modeling laryngeal acoustics in early Korean Infant-Directed Speech: VOT and f0,”

- Presented at Acoustics Week in Canada, Quebec City. Co-authored with Tae-Jin Yoon and Derek Denis.
- December 2010 “Episodes and abstraction: when listeners attend to talker-specific phonetic detail,” Presented at Thirteenth Australasian International Conference on Speech Science and Technology 2010 Melbourne, Australia. Co-authored with Molly Babel.
- November 2008 “The acoustics of [voice] in infant-directed speech and implications for phonological learning,” The 33rd Boston University Conference on Language Development (BUCLD33), Boston. Co-authored with Daniel Swingley and Kyle Gorman.
- January 2008 “The microprosody of [VOICE] in infant- and adult-directed speech,” Presented at the symposium, “Attention to cues in phonological learning,” at the Linguistic Society of America (LSA) annual meeting, Chicago. Co-authored with Kyle Gorman and Daniel Swingley.
- June 2007 “Infant perception of a non-native nasal contrast,” Presented at the Canadian Psychological Association convention, Ottawa. Co-authored with Corinna Elliott and Janet F. Werker.
- January 2007 “Nasal consonant perception in infancy: Effects of acoustic-perceptual salience,” Presented at the Linguistic Society of America (LSA) annual meeting, Anaheim.
- June 2006 “A new pattern of perceptual development: Evidence from non-native nasal perception in infancy,” Presented at the 10th Laboratory Phonology Conference (LabPhon10), Paris.
- June 2006 “Adult and infant perception of the English nasal-place asymmetry,” Presented in the Symposium on the Interaction of Phonetics and Phonotactics in Infant Speech Perception at the International Conference on Infant Studies (ICIS), Kyoto.
- November 2005 “*Follow your nose*: Non-native nasal consonant perception in infancy,” Presented at the 30th Boston University Conference on Language Development (BUCLD30), Boston.
- June 2004 (Accepted but not presented) “Word-length and consonant effects on /ai/,” 9th Laboratory Phonology Conference (LabPhon9), Urbana-Champaign.

NON-REFEREED CONFERENCE PRESENTATIONS

- May 2013 “Pitch affects VOT: A cross-linguistic study,” Presented at the International Congress on Acoustics, Montreal.
- November 2010 “Linguistic effects on speaker discrimination,” Presented at the 2nd Pan-American/Iberian Meeting on Acoustics, Cancun, Mexico.
- June 2006 “Perceptual salience and acoustic distance: Evidence from Tagalog nasal-place contrasts,” Presented at the 151st Meeting of the Acoustical Society of America (ASA), Providence.
- November 2004 “A phonological asymmetry and its perceptual consequence: the case of the Cantonese velar-nasal onset,” Presented at the 76th Meeting of the Acoustical Society of America (ASA), San Diego.
- April 2004 “Temporal and contextual constraints on /ai/ and their spectral consequences,” Presented at the 75th Meeting of the Acoustical Society of America (ASA), New York City.
- November 2003 “Word-length effects on the acoustics of /ai/,” Presented at the 9th Mid-Continental Workshop on Phonology (MCWOP9), University of Illinois, Urbana-Champaign.

OTHER TALKS AND GUEST LECTURES

- September 2012 “Speech Perception,” Presented to Psychology of Language course (JLP374), University of Toronto
- October 2010 “The fine-grained phonetics of mothers’ speech,” Presented to the Department of Speech-Language Pathology and Audiology, University of Toronto
- November 2009 “Why some speech sounds are ubiquitous and others rare,” Presented at the conference *Sound Unbound: Psychoacoustics, Sonic Pressures, and the Aural Avant-*

- Garde, University of Toronto.
- November 2009 “Methods and results in infant speech perception,” Two part lecture presented to Graduate methodology course, Department of Linguistics, University of British Columbia
- November 2008 “Hierarchical logistic regression modeling of speech production,” Presented to the Psycholinguistics Group, University of Toronto.
- October 2008 “Acoustic cues to [voice] in infant- and adult-directed speech,” Presented at the Laboratory for Infant Studies, University of Toronto Scarborough.
- August 2008 “Acoustic cues to [voice] in infant- and adult-directed speech,” Summer Phonetics/Phonology Workshop, University of Toronto.
- September 2006 “Acoustic-perceptual salience and developmental speech perception,” Speech Group, University of Pennsylvania.
- April 2006 “Acoustic distance and perceptual salience: Evidence from Filipino nasal onsets,” Phonetics and Phonology Discussion Group, University of Michigan.
- March 2006 “Speech Perception,” Brief presentation at the Linguistics Undergraduate Concentration Fair, Department of Linguistics, University of Michigan.
- February 2006 “What we hear (and why): Some issues in speech production and perception,” Guest Lecture, Linguistics 200 “Language and Human Mind,” Taught by Profs. Sam Epstein and Julie Boland, Department of Linguistics, University of Michigan.
- March 2005 “Adult and infant perception of a phonological asymmetry” Research Colloquium, Department of Linguistics, University of British Columbia.
- October 2004 “Phonology and how we hear it: fundamentals of speech perception in adults and infants” Guest lecture, Linguistics 105/Honors250 “Language and Mind,” Professor Samuel Epstein, Department of Linguistics, University of Michigan.
- October 2004 “Native-Cantonese and native-English listeners’ perception of velar nasals in onset position,” Infant Studies Centre, Department of Psychology, University of British Columbia.
- October 2003 “Temporal and contextual constraints on /ai/ and their spectral consequences,” Phonetics and Phonology Discussion Group, University of Michigan.
- May 2003 “Word-length effects on /ai/,” Infant Studies Centre, University of British Columbia.
- May 1999 “Towards a history of code alternation in traditional India,” Master’s Thesis Colloquium, Department of South and Southeast Asian Studies, UC Berkeley

TEACHING

York University (2013-)

- *Topics in Psycholinguistics* (LING6180): Graduate seminar examining various up-to-date topics and methods in psycholinguistics with an enrolment of 10
- *Graduate Phonetics and Phonology* (LING6120): Graduate seminar on Speech Perception and Sound Change with an enrolment of 10
- *Introduction to Speech and Language Science* (LING2200): 2nd year undergraduate introduction to the specialized stream in Speech and Language Sciences with an enrolment of 25
- *Psycholinguistics* (LING3220): 3rd year undergraduate lecture course with an enrolment of 70 students.
- *Language and the Brain* (LING4230): 4th year undergraduate seminar with an enrolment of 25 students.
- *First Language Acquisition* (LING3210): 3rd year undergraduate lecture course.
- *Introduction to Linguistics* (LING1000): 1st year undergraduate lecture course.

University of Toronto Scarborough (2008-2013)

- *Introductory Linguistics* (LINA01-Fall 2008, 2010, 2011, 2012; Summer 2012): Undergraduate lecture with an enrollment of 330 students and 6-8 graduate student TAs. Enrollment increased to 650 students in 2010 and 2011 with the introduction of a *web option* for viewing lectures.
- *Phonetics* (LINB09-Fall 2010): Introductory undergraduate lecture and lab course with an

enrollment of 50 students and one graduate student TA.

- *Developmental Psycholinguistics* (PLIC24-Fall 2008, 2010): Undergraduate, upper-level lecture course with an enrollment of 50 students.
- *Speech Perception* (PLIC15-Winter 2009, 2011): Undergraduate, upper-level lecture course and lab with an enrollment of 30 students. [New course]
- *Phonetic Analysis* (LINC09-Winter 2012): Undergraduate, upper-level lab with an enrollment of 30 students. [New course]
- *Developmental Psychology* (PSYB20-Fall 2010): Undergraduate lecture course with an enrollment of 700 students.
- *Morphology* (LINC05-Winter 2013): Undergraduate, upper-level course with an enrollment of 50 students.

University of Toronto St. George (2008-present)

- *Phonetics* (LIN228-Summer 2012): Undergraduate introduction to Phonetics with an enrollment of 50 students.
- *Introduction to General Linguistics* (LIN100-Summer 2011): Undergraduate lecture with an enrollment of 80 students and 4 graduate student TAs.
- *Topics in Speech Perception* (LIN1250-Winter 2009, 2012): “Speech perception, sound patterns, and sound change,” Graduate reading seminar with an enrollment of 15 students. [New course]
- *Language Acquisition* (JLP315-Summer 2009): Introductory course on language acquisition for Linguistics and Psychology students, with an enrollment of 60.
- *Phonological Theory* (LIN322-Summer 2010). Advanced undergraduate course on phonological theory with an enrollment of 30 students.

University of British Columbia (Visiting 2009-2010)

- *Seminar in Cognitive Systems* (COGS401-Fall 2009). Interdisciplinary seminar integrating theory, methods, and current research topics, with an enrollment of 30 students.
- *Research in Cognitive Systems* (COGS402-Fall 2009). Upper-level research presentation seminar with an enrollment of 10.
- *Acquisition of Phonology* (LING451-Spring 2010). Advanced undergraduate course covering infant speech perception, prelinguistic phases, word phonology, early phonology, and later morphophonology. Enrollment of 40 students.
- *Seminar in Infant Speech Perception* (PSYCH514-Winter 2010).
- Course Development *Language Acquisition* (LING222). Developed syllabus and reading materials for undergraduate course in Language Acquisition.

University of Pennsylvania (Institute for Research in Cognitive Science) (2006-2007)

- *Common Ground Seminar* (Spring 2007). Organized interdisciplinary talks and led discussions of relevant readings with IRCS graduate students. Facilitated cross-disciplinary discussion of research methods and theories across the fields of Psychology, Linguistics, Biology, Anthropology and Computer Science. Enrollment of 25 students.

University of Michigan (2003-2004)

- *Languages of the World* (LING112-Summer 2004). Undergraduate lecture course with an enrollment of 25 students.
- Graduate Student Instructor: *Introduction to Linguistics* (LING 211-Fall 2003). Undergraduate lecture course. Led three sections, including one honors section (15-20 students each).

University of California, Berkeley (2000-2001)

- *India in the Writer's Eye* (SSEAS 5B-Spring 2001). Undergraduate reading and composition course with an enrollment of 50 (2 25 student sections).
- Graduate Student Instructor: *India in the Traveler's Eye* (SSEAS 5B,-Spring 2000). Led two

sections (20 students each) of this undergraduate reading and composition course.

ADVISING

University of Toronto, Department of Linguistics

- *M.A.* (Second reader): Shinjung Park (The laryngeal contrast in stops in Korean-English bilingual children: An acoustic study), 2010
- *M.A.* (Primary advisor): Ann Dolan (Speaker normalization and accent accommodation), 2009
- *Ph.D.* (Committee member): Vanessa Shokeir (Read versus natural speech), 2009
- *Ph.D.* (Generals Paper advisor): James Smith (Word-final devoicing in Toronto English), 2011; Yu-leng Ling (Nasal harmony), 2012.
- Undergraduate supervision (honours): Jestine Abella, Rubeena Singh, Kristine Elipse

University of Toronto, Rehabilitation Science

- *M.Sc.* (External examiner): Monique Tardif (Phonetic accommodation to hypernasal speech, 2019)

York University

- *Ph.D.* (Dissertation external committee member): Ashley Chung-Fat-Yim (Psychology, 2020)
- *M.Sc.* (External examiner): Maryam Rahimi (Psychology, 2019)
- *Ph.D.* (Dissertation external committee member): Audrey Wong Kee You (Psychology, 2018)
- *Ph.D.* (Supervisor): Danielle Moed (Linguistics)
- *Ph.D.* (Second reader): James Harbeck (Linguistics)
- *Ph.D.* (Dissertation external committee member): Margot Sullivan (Psychology), Mythili Viswanathan (Psychology, 2015)
- *Ph.D.* (Minor area committee member): Ashley Chung (Psychology)
- *M.A.* (Supervisor): Sarah Pearsell (Linguistics, 2018)
- *M.A.* (Supervisor): Cormac Linehan (Linguistics, 2017)
- *M.A.* (Supervisor): Katerina Tetzloff (Linguistics, 2016)
- *M.A.* (Supervisor): Avner Zeifman (Linguistics, 2015)
- *Honors B.A. advisor*: Jade Daou (Psychology, 2018), Serg Fazylau (Cognitive Science, 2015), Orly Traub (Psychology, 2015), Meghan Merkley (Glendon-Psychology & Linguistics, 2015), Deborah Zalbshtein (Psychology, 2015)

Simon Fraser University

- *M.A.* (External examiner): Luca Cavasso (Linguistics, 2020)

DEPARTMENTAL SERVICE AND ORGANIZATION

York University

- Senate Tenure and Promotions Committee (2020-2021)
- Dean's Representative, LAPS Tenure-stream search committee (2018-2020)
- DLLL Executive Committee (elected member) (2018-2019)
- DLLL Tenure and Promotion Committee (2014, 2019, 2020)
- Chinese Teaching Stream Search Committee (2019-2020)
- SSHRC Graduate funding adjudicating committee (2014)
- Speech Science stream committee (2015)
- OGS review committee (2015, 2016, 2019)
- Departmental Speaker Series organizer (2015, 2016)

University of Toronto

- Organized a multidisciplinary conference "*Sound Unbound: Psychoacoustics, Sonic Pressures*,

and the Aural Avant-Garde,” November 2009. Funding from the Jackman Humanities Institute.

- Website committee, 2008-2009
- Cognitive Science program curriculum committee, 2009

EXTERNAL SERVICE

Conference Program Committee: CogSci2020; NELS 51

Editorial:

- Board Member, *Canadian Journal of Linguistics* (2016-), *Journal of South Asian Linguistics* (2016-)

Ad hoc reviewer for:

- Journals
Journal of Child Language; Language, Learning, and Development; Nature; Cognition; Language Acquisition: A Journal of Developmental Linguistics; Journal of Speech, Language, and Hearing Research; Child Development; Developmental Science; Journal of Phonetics; Journal of the Acoustical Society of America; Language and Speech; Proceedings of the Meetings in Acoustics (JASA publication); *Infant and Child Development; Infancy*
- Books
Pearson Publishers—O’Grady and Archibald, *Contemporary Linguistic Analysis*
- Conferences
Cognitive Science; Boston University Conference on Language Development (BUCLD); Penn Linguistics Colloquium (PLC); West Coast Conference on Formal Linguistics (WCCFL)
- Granting Agencies
National Science Foundation (NSF), BCS-Linguistics Program, grant review

Member of the LSA Committee on Linguistic Institutes and Fellowships (2015)

Member of the LSA Committee on Ethnic Diversity in Linguistics (2015-)

LANGUAGE SKILLS

Advanced reading: Classical Sanskrit, Vedic, Pali, Prakrit

Basic reading, speaking, and writing: Hindi and Spanish

Advanced speaking: Tamil and Kannada

Basic reading: Kannada

PROFESSIONAL MEMBERSHIPS

Acoustical Society of America

Linguistic Society of America

Canadian Linguistic Association

Association for Laboratory Phonology

Society for Research in Child Development

Psychonomics Society

Cognitive Science Society