

## *Curriculum Vitae*

FRANK A. RUSSO

Department of Psychology

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### **Degrees:**

- |      |  |
|------|--|
| 2002 | PhD, <i>Psychology (Brain, Behavior &amp; Cognitive Science)</i> , <i>Queen's University</i> |
| 1995 | MA, <i>Psychology</i> , <i>Queen's University</i>  |
| 1992 | BA, <i>Specialized Honours in Psychology</i> , <i>York University</i>                        |

### **Awards and Distinctions:**

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|---------|--|
| 2022    | Fellow, <i>Canadian Society for Brain Behaviour and Cognitive Science</i>  |
| 2021    | Service Award, <i>Canadian Society for Brain Behaviour and Cognitive Science</i>   |
| 2020    | Collaborative Research and Creative Activity Award, <i>Toronto Met</i>   |
| 2019    | Dean's Teaching Award, Faculty of Arts, <i>Toronto Met</i>   |
| 2019    | NSERC-Sonova Senior Industrial Research Chair in <i>Auditory Cognitive Neuroscience</i>  |
| 2016    | Full Professor, <i>Toronto Met</i>   |
| 2016    | Early Career Award and Medal, <i>International Commission for Acoustics</i> ("for outstanding contributions to psychological acoustics")                   |
| 2013-19 | Hear the World Research Chair in Music and Emotional Speech  |
| 2013    | Elected to Fellow Status, <i>Canadian Psychological Association</i>  |
| 2012    | Senior Fellow, <i>Massey College, U. Toronto</i>   |
| 2012    | Early Career Award, <i>Canadian Society for Brain, Behaviour and Cognitive Science</i> ("for exceptional contributions to Brain, Behaviour and Cognition") |
| 2012    | Scholarly, Research and Creative Activity Award ("for outstanding achievement and impact"), <i>Toronto Met</i> (also received in 2007, -08, -10)           |
| 2011    | Lectra Innovation Award, <i>International Textile and Apparel Association</i> ("for research innovation in wearable technology")                           |
| 2011    | Early Researcher Award, <i>Ontario Ministry of Research and Innovation</i> ("to attract and retain the best and brightest research talent")                |
| 2010    | Founding member, <i>Institute for Stress, Health, and Wellbeing, Toronto Met</i>   |
| 2009    | Early Tenure, <i>Toronto Met</i>   |
| 2002    | Shaw Postdoctoral Prize in Acoustics, <i>Canadian Acoustical Association</i>   |

**Dissemination Summary:**

5310 | citations  
36 | h-index  
80 | i10-index  
151 | peer-reviewed papers  
100 | journal papers  
96 | published  
04 | under review  
54 | proceedings papers  
02 | edited books  
14 | book chapters  
15 | keynotes and plenaries  
66 | invited talks and colloquia  
51 | conference presentations without proceedings (first author only)  
17 | public and professionally related talks  
02 | patents  
04 | national and international reports and standards

**Grants Summary:**

07 Active Grants  
4 Active Research Grants as PI = \$6,074,749  
1 Active Research Grants as CI = \$20,000  
1 Active Knowledge Translation Grant = \$18,000  
3 Active Training Grants as Academic Supervisor = \$300,000  
32 Completed Grants  
198 Completed Research Grants as PI = \$2,152,211  
11 Completed Research Grants as CI = \$5,588,007  
0 Completed Knowledge Translation Grants = \$0  
5 Completed Training Grants as Academic Supervisor = \$436,500

**Supervision/Examination Summary:**

Post-Doc Supervisions: 9 completed; 2 current  
PhD Supervisions: 6 completed; 3 current  
PhD Supervisory Committees: 2 completed; 1 current  
PhD External Examinations: 5 completed  
MA/MSc Supervisions: 10 completed; 3 current  
MA/MSc Supervisory Committees: 11 completed; 1 current  
MA/MSc External Examinations: 17 completed  
Comprehensive Committees: 4 completed; 1 current  
Graduate Practicum Supervisions: 8 completed; 0 current  
Undergraduate Practicum Supervisions: 10 completed; 2 current  
Fellowship/Internship/Independent Study Supervisions: 9 completed; 0 current  
Honors Thesis Supervisions: 26 completed; 1 current  
Other HQP (not including volunteers): 52 completed; 3 current

**Academic Positions / Affiliations:**

2018-	Professor (Status Only)	Department of Speech-Language Pathology, Rehabilitation Science, Faculty of Medicine, University of Toronto
2017-	Member	McMaster Institute for Music and the Mind (MIMM), McMaster University
2016-	Professor (Full, Tenure)	Department of Psychology, Faculty of Arts, Toronto Met
2012-	Professor (Status Only)	Music and Health Sciences, Faculty of Music, University of Toronto
2011-	Affiliate Scientist	KITE, Toronto Rehabilitation Institute
2016	Visiting Professor	Department of Computer Science, National University of Singapore, Singapore
2012-13	Visiting Professor	Department of Health Sciences and Technology, ETH Zürich, Switzerland
2012-13	Visiting Scientist	Phonak AG, Zürich, Advanced Concepts and Technologies, Switzerland
2012-13	Ryerson-Massey Fellow (inaugural)	Massey College, University of Toronto
2010-16	Associate Professor (Tenure)	Department of Psychology, Faculty of Arts, Toronto Met
2009-12	Director of Psychological Science Training (inaugural)	Department of Psychology, Faculty of Arts, Toronto Met
2006-10	Assistant Professor	Department of Psychology, Faculty of Arts, Toronto Met
2006-07	Adjunct Research Professor (Status)	Centre for Biological Communication Systems, University of Toronto
2004-06	Postdoctoral Fellow	M. Kathy Pichora-Fuller, CIHR Strategic Training Network on Communication in Healthy Aging: Gerontology (Toronto), Audiology (Montreal), Human Factors (Calgary)
2002-06	Postdoctoral Fellow	William Forde Thompson, Psychology, University of Toronto

### Peer-Reviewed Journal Papers | Review in Process

1. Kovacek, K., Shatzer, H., Singh, G., Livingstone, S., & Russo, F. A. (under review). Dimensional validation of the Ryerson audio-visual database of emotional speech and song. *Cognition and Emotion*.
2. Rovetti, J., Sumantry, D., & Russo, F. A. (under review). Listening effort decreases with exposure to nonnative-accented speech and predicts social judgments of speakers. *Scientific Reports*
3. Ammirante, P., & Russo, F. A. (under review). Towards a vocal constraints model of melodic expectancy: Evidence from two listening experiments. *Music & Science*.
4. Russo, F. A., Mallik, A., Thompon, Z., deRaadt, A., Dupuis, K., Cohen, D. (under review). Developing a music-based digital therapeutic to help manage the neuropsychiatric symptoms of dementia. *Frontiers in Digital Health*.

### Peer-Reviewed Journal Papers | Published

5. Sharma, V. V., Thaut, M., Russo, F. A., & Alain, C. (in press). Absolute pitch: Neurophysiological evidence for early brain activity in prefrontal cortex. *Cerebral Cortex*.
6. Good, A., Vezzer, E., Gilmore, S., Livingstone, S., Russo, F. A. (in press). Community choir improves vocal production measures in individuals living with Parkinson's disease. *Journal of Voice*.
7. Iankilivetch, M., Singh, G. & Russo, F. A. (in press). A scoping review and field guide of theoretical approaches and recommendations to studying the decision to adopt hearing aids. *Ear and Hearing*.
8. Shatzer, H., & Russo, F. A. (in press). A new modality for the ecological study of listening effort: functional near-infrared spectroscopy. *Seminars in Hearing*.
9. Habibi, A., Kreutz, G., Russo, F. A., & Tervaniemi, M. (2022). Music-based interventions in community settings: Navigating the tension between rigor and ecological validity. *Annals of the New York Academy of Sciences*. <https://doi.org/10.1111/nyas.14908>
10. Good, A., Choma, B., Peets, K., & Russo, F. A. (2022). Singing foreign songs promotes shared common humanity in elementary school children. *Journal of Applied Social Psychology*. <https://onlinelibrary.wiley.com/doi/10.1111/jasp.12917>
11. Cardona, G., Ferreri, L., Lorenzo-Seva, U., Russo, F. A., & Rodriguez-Fornells, A. (2022). The forgotten role of absorption in music reward. *Annals of the New York Academy of Sciences*. <https://doi.org/10.1111/nyas.14790>

12. Igoshina, E., Russo, F. A., Shewaga, R., Haycock, B., & Keshavarz, B. (2022). The relationship between simulator sickness and driving performance in a high-fidelity simulator. *Transportation Research, Part F: Traffic Psychology and Behaviour*, 89, 478-487.
13. Mallik, A., & Russo, F. A. (2022). The effects of music & auditory beat stimulation on anxiety: A randomized clinical trial. *PLOS ONE*.  
<https://doi.org/10.1371/journal.pone.0259312>
14. Copelli, F., Rovetti, J., Ammirante, P., & Russo, F. A. (2022). Human mirror neuron system responsivity to unimodal and multimodal presentations of action. *Experimental Brain Research*. <https://doi.org/10.1007/s00221-021-06266-7>
15. Picou, E., Singh, G., & Russo, F. A. (2021). A comparison between a remote testing and a laboratory test setting for evaluating emotional responses to non-speech sounds. *International Journal of Audiology*. <https://doi.org/10.1080/14992027.2021.2007422>
16. Rovetti, J., Goy, H., Zara, M., & Russo, F. A. (2021). Reduced semantic context and signal-to-noise ratio increase listening effort as measured using functional near-infrared spectroscopy. *Ear and Hearing*. <https://doi.org/10.1097/AUD.0000000000001137>
17. Rovetti, J., Copelli, F., & Russo, F. A. (2021). Audio and visual speech emotion activates the left pre-supplementary motor area. *Cognitive Affective Behavioral Neuroscience*, 22(2), 291-303. <https://doi.org/10.3758/s13415-021-00961-2>
18. Good, A., & Russo, F. A. (2021). Changes in mood, oxytocin, and cortisol following group and individual singing: A pilot study. *Psychology of Music*.  
<https://doi.org/10.1177/03057356211042668>
19. Sharma, V. V., Thaut, M., Russo, F. A., & Alain, C. (2021). Neural dynamics of inhibitory control in musicians with absolute pitch: Theta synchrony as an oscillatory signature of information conflict. *Cerebral Cortex*, 2. <https://doi.org/10.1093/texcom/tgab043>
20. Rovetti, J., Goy, H., Nurgitz, R., & Russo, F. A. (2021). Comparing verbal working memory load in auditory and visual modalities using functional near-infrared spectroscopy. *Behavioural Brain Research*, 402, 113102. <https://doi.org/10.1016/j.bbr.2020.113102>
21. Gilmore, S., & Russo, F. A. (2021). Neural and behavioral evidence for vibrotactile beat perception and bi-modal enhancement. *Journal of Cognitive Neuroscience*, 33 (4), 635-650.  
[https://doi.org/10.1162/jocn\\_a\\_01673](https://doi.org/10.1162/jocn_a_01673)
22. Good, A., Sims, L., Clarke, K., & Russo, F. A. (2021). Indigenous youth reconnect with culture: The evaluation of a community and school-based traditional song and dance program. *Journal of Community Psychology*, 49(2), 588-604.  
<https://doi.org/10.1002/jcop.22481>

23. Wood, E. A., Rovetti, J., & Russo, F. A. (2020). Vocal-motor interference disrupts the memory advantage for vocal melodies. *Brain and Cognition*, 145, 105622. <https://doi.org/10.1016/j.bandc.2020.105622>
24. Copelli, F., Behar, A., Ngoc Le, T., & Russo, F. A. (2020). Field attenuation of foam earplugs. *Safety and Health at Work*, 12(2), 184-191. <https://doi.org/10.1016/j.shaw.2020.09.006>
25. Peck, K., Russo, F. A., Campos, J., & Keshavarz, B. (2020). The sound of sickness: How music affects visually induced motion sickness. *Experimental Brain Research*, 238, 2347-2358. <https://doi.org/10.1007/s00221-020-05871-2>
26. Good, A., Kreutz, G., Choma, B., Fiocco, A. & Russo, F. A. (2020). Protocol and preliminary update on the SingWell Partnership Project: Understanding group singing in older adults from a biopsychosocial perspective. *World Health Organization, Public Health Panorama*, 6, 141-146. <https://apps.who.int/iris/handle/10665/331578>
27. Lauzon, A., Russo, F. A., & Harris, L. (2020). The influence of rhythm on detection of auditory and vibrotactile asynchronies. *Experimental Brain Research*, 238, 825-832. <https://doi.org/10.1007/s00221-019-05720-x>
28. Russo, F. A., (2020). Joint speech and its relation to joint action. *Music Perception*, 37(4), 359-362. <https://doi.org/10.1525/mp.2020.37.4.359>
29. Dubinsky, E., Wood, E., Nespoli, G., & Russo, F. A. (2019). Effects of a short-term singing intervention on speech perception in noise in older adults. *Frontiers in Neuroscience*, 13, 1153. <https://doi.org/10.3389/fnins.2019.01153>
30. Rovetti, J., Goy, H., Pichora-Fuller, M. K., & Russo, F. A. (2019). Functional near-infrared spectroscopy as a measure of listening effort in older adults who use hearing aids. *Trends in Hearing*, 23. <https://journals.sagepub.com/doi/pdf/10.1177/2331216519886722>
31. Russo, F. A., Vuvan, D. T., & Thompson, W. F. (2019). Vowel content influences relative pitch perception in vocal melodies. *Music Perception*, 37(1), 57-65. <https://doi.org/10.1525/mp.2019.37.1.57>
32. Sharma, V., Thaut, M. H., Russo, F. A., & Alain, C. (2019). Absolute pitch and musical expertise modulate neuro-electric and behavioral responses in an auditory stroop paradigm. *Frontiers in Neuroscience*, 13, 932. <https://doi.org/10.3389/fnins.2019.00932>
33. Picou, E., Singh, G., Goy, H., Russo, F. A., Hickson, L., Oxenham, A., Buono, G., Ricketts, T., & Launer, S. (2018). Hearing, Emotion, Amplification, Research, and Training (HEART) workshop: Current understanding of hearing loss and emotion perception and priorities for future research. *Trends in Hearing*. <https://doi.org/10.1177/2331216518803215>

34. Goy, H., Pichora-Fuller, M. K., Singh, G., & Russo, F. A. (2018). Hearing aids benefit recognition of words in emotional speech but not emotion identification. *Trends in Hearing*. <https://doi.org/10.1177/2331216518801736>
35. Busse, V., Jungclaus, J., Roden, I., Russo, F. A., & Kreutz, G. (2018). Combining song–and speech-based language teaching: An intervention with recently migrated children. *Frontiers in Psychology*, 9, 2386. <https://doi.org/10.3389/fpsyg.2018.02386>
36. Singh, G., Liskovoi, L., Launer, S., & Russo, F. A. (2018). The Emotional Communication in Hearing Questionnaire (EMO-CHeQ): Development and validation. *Ear and Hearing*, 40(2), 260-271. <https://doi.org/10.1097/AUD.0000000000000611>
37. Livingstone, S. R., & Russo, F. A., (2018). The Ryerson Audio-Visual Database of Emotional Speech and Song (RAVDESS): A dynamic, multimodal set of facial and vocal expressions in North American English. *PLoS ONE* 13(5): e0196391. <https://doi.org/10.1371/journal.pone.0196391>
38. Vempala, N. N., & Russo, F. A. (2018). Bridging music informatics with music cognition. *Frontiers in Psychology: Cognition*. <https://doi.org/10.3389/fpsyg.2018.00633>
39. Behar, A., Chasin, M., Mosher, S., Abdoli-Eramaki, M., & Russo, F. A. (2018). Noise exposure and hearing loss in classical orchestra musicians: A five-year follow-up. *Noise and Health*, 20, 42-46. [https://doi.org/10.4103/nah.NAH\\_39\\_17](https://doi.org/10.4103/nah.NAH_39_17)
40. Vempala, N. N., & Russo, F. A. (2018). Modeling music emotion judgments using machine learning methods. *Frontiers in Psychology: Cognition*, 8, 2239. <https://doi.org/10.3389/fpsyg.2017.02239>
41. Good, A., Choma, B., & Russo, F.A. (2017). Movement synchrony influences intergroup relations in a minimal groups paradigm. *Journal of Basic and Applied Social Psychology*, 39(4), 231-238. <https://doi.org/10.1080/01973533.2017.1337015>
42. Good, A., Gordon, K.A., Papsin, B.C., Nespoli, G., Hopyan, T., Peretz, I., & Russo, F. A. (2017). Benefits of music training in deaf children with cochlear implants. *Ear and Hearing*, 38(4), 455-464. <https://dx.doi.org/10.1097/AUD.0000000000000402>
43. Good, A., & Russo, F. A. (2016). Singing promotes cooperation in a diverse group of children. *Social Psychology*, 47, 340-344. <https://dx.doi.org/10.1027/1864-9335/a000282>
44. Wilbiks, J. M. P., Vuvan, D., Girard, P.Y., Peretz, I. & Russo, F. A. (2016). Effects of vocal training in a musicophile with congenital amusia. *Neurocase*, 6, 526-537. <https://dx.doi.org/10.1080/13554794.2016.1263339>

45. Abel, M. R., Li, H. C., Russo, F. A., Schlaug, G., & Loui, P. (2016). Effects of early music training on audiovisual interval size estimation. *PLOS ONE*.  
<https://dx.doi.org/10.1371/journal.pone.0163589>
46. Ammirante, P., Patel, A., & Russo, F. A. (2016). Synchronizing to auditory and tactile metronomes: A test of the auditory-motor enhancement hypothesis. *Psychonomic Bulletin & Review*, 23, 1882-1890. <https://doi.org/10.3758/s13423-016-1067-9>
47. Livingstone, S. R., Vezar, E., McGarry, L. M., Lang, A., & Russo, F. A. (2016). Emotion identification deficits in Parkinson's disease are related to deficits in the automatic mimicry of facial expression. *Frontiers in Psychology*, 7: 780.  
<https://dx.doi.org/10.3389%2Ffpsyg.2016.00780>
48. Trehub, S., Plantinga, J., & Russo, F. A. (2016). Maternal vocal interactions with infants: Reciprocal visual influences. *Social Development*, 25, 665-683.  
<https://doi.org/10.1111/sode.12164>
49. Peck, K., Girard, T. A., Russo, F. A. & Fiocco, A. J. (2016). Music and memory in Alzheimer's disease and the potential underlying mechanisms. *Journal of Alzheimer's and Dementia*, 51, 949-59. <https://doi.org/10.3233/JAD-150998>
50. Kirchberger, M., & Russo, F. A. (2016). Dynamic range across music genres and the perception of dynamic compression in hearing-impaired listeners. *Trends in Hearing*, 20.  
<https://doi.org/10.1177/2331216516630549>
51. Kirchberger, M., & Russo, F. A. (2016). Harmonic frequency lowering: Effects on the perception of music detail and sound quality. *Trends in Hearing*, 20.  
<https://doi.org/10.1177/2331216515626131>
52. Vempala, N. N., & Russo, F. A. (2015). Toward an empirically derived measure of melodic similarity. *Journal of New Music Research*, 44, 391-404.  
<https://doi.org/10.1080/09298215.2015.1080284>
53. Russo, F. A., Thompson, W. F., & Cuddy, L. L. (2015). Effects of emergent-level structure on melodic processing difficulty. *Music Perception*, 33, 96-109.  
[doi:10.1525/mp.2015.33.1.96](https://doi.org/10.1525/mp.2015.33.1.96)
54. Good, A., Russo, F. A., & Sullivan, J. (2015). The efficacy of singing in foreign-language learning. *Psychology of Music*, 43, 627-640. <https://doi.org/10.1177/0305735614528833>
55. Royal, I., Lidji, P., Theoret, H., Russo, F. A., & Peretz, I. (2015). Excitability of the motor system: a transcranial magnetic stimulation study on singing and speaking. *Neuropsychologia*, 75, 525-532. <https://doi.org/10.1016/j.neuropsychologia.2015.06.030>



56. Ammirante, P., & Russo, F. A., (2015). Low-skip bias: The distribution of skips across the pitch ranges of vocal and instrumental melodies is vocally constrained. *Music Perception*, 32, 355-363. [doi:10.1525/mp.2015.32.4.355](https://doi.org/10.1525/mp.2015.32.4.355)
57. McGarry, L. M., Pineda, J., & Russo, F. A. (2015). The role of the extended MNS in emotional and non-emotional judgments of human song. *Cognitive, Affective and Behavioral Neuroscience*, 15, 32-44. <https://doi.org/10.3758/s13415-014-0311-x>
58. Kirchberger, M. J., & Russo, F. A. (2015). Development and validation of the Adaptive Test for the Assessment of Music Perception. *Ear and Hearing*, 36, 217-228.  
doi:10.1097/AUD.0000000000000112
59. Good, A., Reed, M. J., & Russo, F. A. (2014). Compensatory plasticity in the deaf brain: Effects on the perception of music. *Brain Sciences*, 4, 560-574.  
<https://doi.org/10.3390/brainsci4040560>
60. Branje, C., Nespoli, G., Russo, F. A. & Fels, D. I. (2014). The effect of vibrotactile stimulation on the emotional response to horror films. *Computers in Entertainment*, 11, 1.  
<https://doi.org/10.1145/2543698.2543703>
61. Livingstone, S. L., Choi, D., & Russo, F. A. (2014). The influence of vocal training and acting experience on measures of voice quality and emotional genuineness. *Frontiers in Psychology* 5:156. <https://doi.org/10.3389/fpsyg.2014.00156>
62. Nespoli, G., Behar, A., & Russo, F. A. (2013). Validation of the CSA Z107.56 standard method for the measurement of noise exposure from headsets. *Canadian Acoustics*, 41, 31-36.
63. Russo, F. A., Vempala, N. N., & Sandstrom, G. M. (2013). Predicting musically induced emotions from physiological inputs: Linear and neural network models. *Frontiers in Psychology*. 4:468. <https://doi.org/10.3389/fpsyg.2013.00468>
64. Russo, F. A., Behar, A., Chasin, M., & Mosher, S. (2013). Noise exposure and hearing loss in classical orchestra musicians. *International Journal of Industrial Ergonomics*, 43, 474-478.
65. Sandstrom, G. M., & Russo, F. A. (2013). Absorption in music: A scale to identify individuals with strong emotional responses to music, *Psychology of Music*, 41, 216 - 228.  
<https://doi.org/10.1177/0305735611422508>
66. Gordon, M. S., Russo, F. A., & Macdonald, E. (2013). Spectral information for detection of acoustic time-to-arrival. *Attention, Perception, & Psychophysics*, 75, 738-750.  
<https://doi.org/10.3758/s13414-013-0424-2>

67. Chan, L., Livingstone, S., & Russo, F. A. (2013). Automatic facial mimicry of emotion during perception of song. *Music Perception*, 30, 361-367. [doi: 10.1525/mp.2013.30.4.361](https://doi.org/10.1525/mp.2013.30.4.361)
68. Ammirante, P., Russo, F. A., Good, A., & Fels, D. I. (2013). Feeling voices. *PLOS ONE*, 8, e53585. <https://doi.org/10.1371/journal.pone.0053585>
69. Russo, F. A., Ammirante, P. & Fels, D. I. (2012). Vibrotactile discrimination of musical timbre. *Journal of Experimental Psychology: Human Perception and Performance*, 38, 822-826. <http://dx.doi.org/10.1037/a0029046>
70. McGarry, L. M., Russo, F. A., Schalles, M., & Pineda, J. A. (2012). Audio-visual facilitation of the mu rhythm. *Experimental Brain Research*, 218, 527-538
71. Russo, F. A., Ives, T., Goy, H., Pichora-Fuller, M. K., & Patterson, R. (2012). Age-related difference in melodic pitch perception is probably mediated by temporal processing: Empirical and computational evidence. *Ear and Hearing*, 32, 177-186
72. Tierney, A., Russo, F. A., & Patel, A. D. (2011). The motor origins of human and avian song structure. *Proceedings of the National Academy of Sciences (PNAS) of the United States of America*, 108, 15510-15515.
73. Russo, F. A., Sandstrom, G. M., & Maksimowski, M. (2011). Mouth versus eyes: Gaze fixation during perception of sung interval size. *Psychomusicology: Music, Mind & Brain*, 21, 98-107.
74. Ammirante, P., Thompson, W.F., & Russo, F. A. (2011). Ideomotor effects of pitch on continuation tapping. *Quarterly Journal of Experimental Psychology*, 64, 381-393. <https://doi.org/10.1080/17470218.2010.495408>
75. McGarry, L. M., & Russo, F.A. (2011). Mirroring in Dance/Movement Therapy: Potential mechanisms behind empathy enhancement. *The Arts in Psychotherapy*, 38, 178-184.
76. Karam, M., Branje, C., Udo, J. P., Russo, F. A., & Fels, D. I. (2010). Comparing computer versus human data collection methods for public usability evaluations of a tactile-audio display. *Journal of Usability Studies*, 5, 132-146.
77. Sandstrom, G.M., & Russo, F. A. (2010). Music hath charms: The effects of valence and arousal on the regulation of stress. *Music and Medicine*, 2, 137-143.
78. Quinto, L., Thompson, W.F., Russo, F.A., & Trehub, S. (2010). The McGurk effect in singing. *Attention, Perception & Psychophysics*, 72, 1450-1454.
79. Thompson, W. F., Russo, F. A., & Livingstone, S. (2010). Facial expressions of pitch structure in music performance. *Psychonomic Bulletin & Review*, 17, 317-322.

80. Easa, S., Reed, M. J., Russo, F. A., Dabbour, E., Mehmood, A., & Curtis, K. (2010). Effect of increasing road lighting luminance on night driving performance for older adults. *International Journal of Applied Science, Engineering and Technology*, 6, 41-48.
81. Karam, M., Russo, F. A., & Fels, D. I. (2009). Designing the model human cochlea: An ambient crossmodal audio-tactile display. *IEEE Transactions on Haptics*, 2, 160-169.
82. Yang, L., Reed, M. J., & Russo, F. A., & Wilkinson, A. (2009). A new look at retest learning in older adults: learning in the absence of item-specific effects. *Journal of Gerontology: Psychological Sciences*, 64, 470-473.
83. Livingstone, S., Thompson, W.F., & Russo, F. A. (2009). Facial expressions and emotional singing: A study of perception and production with motion capture and electromyography. *Music Perception*, 26, 475-488.
84. Ceaser, D., Thompson, W. F., & Russo, F. A. (2009). Expressing tonal closure in music performance: Auditory and visual cues. *Canadian Acoustics*, 37, 29-34.
85. Russo, F. A., & Pichora-Fuller, M. K. (2008). Tune-in or tune-out: Age-related differences in listening to speech in music. *Ear and Hearing*, 29, 746-760.
86. Thompson, W. F., Russo, F. A., & Quinto, L. (2008). Audio-visual integration of emotional cues in song. *Cognition and Emotion*, 22, 1457-1470.
87. Cuddy, L. L., Russo, F. A., & Galembo, A. (2007). Tonality of low-frequency synthesized piano tones. *Archives of Acoustics*, 32, 541-550.
88. Russo, F. A., & Jones, J. A. (2007). Urgency is a non-monotonic function of pulse rate. *Journal of the Acoustical Society of America*, 122, EL185-190.
89. Thompson, W. F. & Russo, F. A. (2007). Facing the music. *Psychological Science*, 18, 756-757.
90. Russo, F. A., Cuddy, L. L., Galembo, A., & Thompson, W. F. (2007). Sensitivity to tonality across the piano range. *Perception*, 36, 781-790.
91. Russo, F. A., & Thompson, W. F. (2005). The subjective size of melodic intervals over a two-octave range. *Psychonomic Bulletin & Review*, 12, 1068-1075.
92. Thompson, W. F., Graham, P., & Russo, F. A. (2005). Seeing music performance: Visual influences on perception and experience. *Semiotica*, 156, 203-227.
93. Russo, F. A., & Thompson, W. F. (2005). An interval size illusion: The influence of timbre on the perceived size of melodic intervals. *Perception & Psychophysics*, 67, 559-568.

94. Chasin, M., & Russo, F. A., (2004). Music and hearing aids. *Trends in Amplification*, 8, 35-47.
95. Thompson, W. F., & Russo, F. A. (2004). The attribution of meaning and emotion to song lyrics. *Forum Psychologiczne*, 9, 51-62.
96. Galembo, A., Askenfelt, A., Cuddy, L. L., & Russo, F. A. (2004). Perceptual significance of inharmonicity and spectral envelope in the piano bass range. *Acta Acustica*, 90, 528-536.
97. Russo, F. A., Windell, D. L., & Cuddy, L. L. (2003). Learning the Special Note: Evidence for a critical period for absolute pitch acquisition. *Music Perception*, 21, 119-127.
98. Galembo, A., Askenfelt, A., Cuddy, L. L., & Russo, F. A. (2001). Effects of relative phases on pitch and timbre in the piano bass range. *Journal of the Acoustical Society of America*, 110, 1649-1666.
99. Flett, G. L., Russo, F. A., & Hewitt, P. L. (1994). Dimensions of perfectionism and constructive thinking as a coping response. *Journal of Rational Emotive and Cognitive Behavior Therapy*, 12, 163-179.
100. Thompson, W. F., Russo, F. A., & Sinclair, D. (1994). Effects of underscoring on the perception of closure and intensity in film excerpts. *Psychomusicology*, 13, 9-27.

**Peer-reviewed proceedings papers published:**

1. Igoshina, E., Russo, F.A., Haycock, B., Keshavarz, B. (2022). Comparing the Effect of Airflow Direction on Simulator Sickness and User Comfort in a High-Fidelity Driving Simulator. In: Chen, J.Y.C., Fragomeni, G. (eds) Virtual, Augmented and Mixed Reality: Applications in Education, Aviation and Industry. HCII 2022. Lecture Notes in Computer Science, vol 13318. Springer, Cham. [https://doi.org/10.1007/978-3-031-06015-1\\_15](https://doi.org/10.1007/978-3-031-06015-1_15)
2. Rovetti, J., Behar, A., Abdoli-Eramaki, M., Copelli, F., & Russo, F. A. (2019). Listening effort in eateries. *Proceedings of Acoustics Week in Canada. Canadian Acoustics*, 47(3), 28-29.
3. Behar, A., Copelli, F., & Russo, F. A. (2019). Field attenuation of foam earplugs. *Proceedings of 26<sup>th</sup> International Congress on Sound and Vibration*.
4. Gilmore, S. A., Nespoli, G., & Russo, F. A. (2018). Neural correlates of beat perception in vibro-tactile modalities. *The Journal of the Acoustical Society of America*, 144(3), 1838-1838.
5. Goy, H., & Russo, F. A. (2018). Vocal emotion identification by older listeners with hearing loss. *The Journal of the Acoustical Society of America*, 144(3), 1841-1841.

6. Russo, F. A., & Vuvan, D. (2018). Vowel content influences relative pitch perception in vocal melodies: A comparison of models based on brightness vs. intrinsic pitch of vowels. *The Journal of the Acoustical Society of America*, 144(3), 1762-1762.
7. Russo, F. A., & Scholey, E. (2018). The experience of music emotion in older adults with hearing loss and hearing aids. *The Journal of the Acoustical Society of America*, 144(3), 1839-1839.
8. Goy, H., Pichora-Fuller, M. K., Singh, G., Russo, F. A. (2017). Acoustic analysis of emotional speech processed by hearing aids. *Proceedings of Acoustics Week in Canada. Canadian Acoustics*, 45, 178-179, Guelph, ON.
9. Nespoli, G., Singh, G., & Russo, F.A. (2016). Skin conductance responses to emotional speech in hearing-impaired and hearing-aided listeners. *Proceedings of Acoustics Week in Canada. Canadian Acoustics*, 44, 184-185, Vancouver, BC.
10. Lauzon, A., Russo, F. A., Harris, L. (2016). There's something about that groove: Rhythm improves detection of audio but not vibrotactile asynchronies. *Proceedings of Acoustics Week in Canada. Canadian Acoustics*, 44, 186-187, Vancouver, BC.
11. Goy, H., Pichora-Fuller, M. K., Singh, G., & Russo, F. A. (2016). Perception of emotional speech by listeners with hearing aids. *Proceedings of Acoustics Week in Canada. Canadian Acoustics*, 44, 182-183, Vancouver, BC.
12. Nespoli, G., Ammirante, P., & Russo, F. A. (2014). Musicians show enhanced neural synchronization at multiple timescales. *Proceedings of Acoustics Week in Canada. Canadian Acoustics*, 42, 74-75.
13. Behar, A., Segu, R. & Russo, F. A. (2014). Comfort from hearing protectors. *Proceedings of Acoustics Week in Canada. Canadian Acoustics*, 42, 64-65.
14. Vempala, N., & Russo, F. A. (2013). Exploring Cognitivist and Emotivist positions of musical emotion using neural network models. *Proceedings of the International Conference on Cognitive Modelling*.
15. Kirchberger, M., Russo, F. A., Derleth, P., Hofbauer, M. (2013). Development of a new series of tests to assess the effectiveness of hearing aids for the perception of music. *Proceedings of the ASA/CAA/ICA, Journal of the Acoustical Society of America*, 133, 3366.
16. Livingstone, S. R., Peck, K., Russo, F. A. (2013). Acoustic differences in the speaking and singing voice. *Proceedings of the ASA/CAA/ICA, Journal of the Acoustical Society of America*, 133, 3591.

17. Behar, A., Nespoli, G., Defrancesco-Loria, T., & Russo, F. A. (2013). Validation of the CSA Z107,56 standard method for the measurement of noise exposure from headsets. *Proceedings of the ASA/CAA/ICA, Journal of the Acoustical Society of America*, 133, 3593.
18. Loria, T., & Russo, F.A. (2012, October). Do urban soundscapes influence visual attention? *Proceedings of Acoustics Week in Canada, Canadian Acoustics*, 40, 126-128. [\* awarded prize for best student paper]
19. Vempala, N., & Russo, F. A. (2012, May). Predicting emotion from music audio features using neural networks. *Proceedings of the 9th International Symposium on Computer Music Modeling and Retrieval (CMMR), Lecture Notes in Computer Science*, London, UK.
20. Baijal, A., Kim, J., Branje, C., Russo, F. A., & Fels, D. I. (2012, March). Composing vibrotactile music: A multi-sensory experience with the Emoti-chair. *Proceedings of the IEEE Haptics Symposium*. Vancouver, BC.
21. Dell'Agnese, L., Tullio-Pow, S., Schaefer, K., Andrews, A.J., Ibrahim, W., Stein, R., Russo F. A., & Boudreau, J. P. (2011, November). Wearable Technology: Prototype Development of a Garment to Mediate Communication between Caregivers and Infants with Autism Spectrum Disorder. *Proceedings of the International Textile and Apparel Association Conference, Celebrating Inclusivity & Innovation*. Philadelphia, PA.
22. Russo, F.A., Chan, L., & Edwards, D. (2011, August). When vocal training masks structure: Individual differences in visual aspects of sung interval size. *Proceedings of the International Symposium for Performance Science*. Toronto, ON.
23. Branje, C. J., Nespoli, G., Russo, F. A., & Fels, D. I. (2010). Vibrotactile stimulation. *Proceedings of the 1<sup>st</sup> Graphics, Animation, and New Media Conference (GRAND NCE)*, Ottawa, Canada.
24. Branje, C. J., Maksimowski, M., Karam, M., Fels, D. I., & Russo, F. A. (2010). Vibrotactile display of music on the human back. *Proceedings of the International Conferences on Advances in Computer-Human Interactions*, pp. 154-159, Saint Maarten, Antilles.
25. Ammirante, P., Thompson, W. F., & Russo, F. A. (2009). Tapping to Pitched Auditory Feedback Tones: Effects of Pitch Contour and Interval Size on Intertap-Interval and Tap Force. *Proceedings of Acoustics Week in Canada, Canadian Acoustics*, 37, 102-103, Niagara-on-the-Lake, ON.
26. Goy, H., Ives, D.T., Russo, F. A., Pichora-Fuller, M. K., & Patterson, R. D. (2009). Changes in Melodic Perception as a Function of Age and Lowest Harmonic Component. *Proceedings of Acoustics Week in Canada, Canadian Acoustics*, 37, 184-185, Niagara-on-the-Lake, ON.

27. Branje, C., Maksimowksi, M., Nespoli, G., Karam, M., Fels, D., & Russo, F. A. (2009). Development and Validation of a Sensory-Substitution Technology for Music. *Proceedings of Acoustics Week in Canada, Canadian Acoustics*, 37, 186-187, Niagara-on-the-Lake, ON.
28. Branje, C., Karam, M., Fels, D. I., & Russo, F. A. (2009). Enhancing entertainment through a multimodal chair interface. *Proceedings of the IEEE TIC Science and Technology for Humanity Conference*, pp. 636-641, Toronto, ON.
29. Karam, M., Nespoli, G., Russo, F. A., & Fels, D. I. (2009). Modeling perceptual elements of music using a vibrotactile display: A field study. *Proceedings of the International Conferences on Advances in Computer-Human Interactions*, Cancun, Mexico.
30. Maksimowski, M. & Russo, F. A. (2008). Cross-modal integration in music perception. *Proceedings of Acoustics Week in Canada, Canadian Acoustics*, 36, 102-103, Vancouver, BC.
31. Patel, A., Tierney, A., & Russo, F. A. (2008). Empirical comparisons of pitch patterns in music, speech, and birdsong. *Proceedings of the 10<sup>th</sup> International Conference on Music Perception and Cognition*, Sapporo, Japan.
32. Tierney, A., Russo, F. A., & Patel, A. (2008). Empirical comparisons of pitch patterns in music, speech, and birdsong. *Proceedings of the 155<sup>th</sup> Meeting of the Acoustical Society of America. Journal of the Acoustical Society of America*, 123, 3721, Paris, France.
33. Li, E., Abdoli-E, M. Russo, F. A., & Ghasempoor, A. (2008). *The design and evaluation of a simple whole-body vibration simulator*. Proceedings of the 5<sup>th</sup> annual Ontario Biomechanics Conference, Barrie, ON.
34. Karam, M., Russo, F. A., Branje, C., Price, E., & Fels, D. (2008). Towards a model human cochlea. *ACM International Conference Proceeding Series (Graphics Interface, 2008)*, 322, 267-274, Windsor, ON.
35. Lu, Z., Abdoli-E., Russo, F. A., & Pushchak, R. (2007). Impact of the background noise on preferred sound levels in Personal Stereo Players. *Proceedings of the Association of Canadian Ergonomists, 38<sup>th</sup> Annual Conference*, Toronto, ON.
36. Russo, F. A., Abdoli-E., M., Lu, Z., & Jelen, A. (2007). A field study of preferred listening levels for music played on personal stereo players. *Proceedings of Acoustics Week in Canada, Canadian Acoustics*, 35, 82-83, Montreal, QC.
37. Minghella, D., Russo, F. A., & Pichora-Fuller, M. K. (2007). Effect of age on sensitivity to tonality. *Proceedings of Acoustics Week in Canada, Canadian Acoustics*, 35, 58-59, Montreal, QC.

38. Russo, F. A., & Jones, J. A., (2007). Human factors considerations in the design of rumble strips. *Proceedings of the Canadian Multidisciplinary Road Safety Conference XVII*, Montreal, QC.
39. Melnik, G.M., Russo, F.A., & Popkin, S. (2006). The effect of locomotive horn characteristics on motorist detection. *Proceedings of the Ninth International Level Crossing Symposium*, Montreal, QC.
40. Russo, F. A., Vuvan, D., & Thompson, W. F. (2006). Setting words to music: An empirical investigation concerning effects of phoneme on the experience of interval size. *Proceedings of the 9th International Conference on Music Perception and Cognition*, Bologna, Italy.
41. Thompson, W. F., & Russo, F. A. (2006). Facial expressions of pitch structure. *Proceedings of the 9th International Conference on Music Perception and Cognition*, Bologna, Italy.
42. Thompson, W. F., & Russo, F. A. (2006). Pre-attentive integration of visual and auditory dimensions of music. *Proceedings of the 2nd International Conference on Music and Gesture*, Manchester, UK.
43. Russo, F. A., & Thompson, W. F. (2004). Judgments of interval size by musically trained and untrained listeners. *Proceedings of the 8th International Conference on Music Perception and Cognition*, Chicago, IL.
44. Thompson, W. F. & Russo, F. A. (2004). Visual influences on the perception of emotion in music. *Proceedings of the 8th International Conference on Music Perception and Cognition*. Chicago, IL.
45. Thompson, W. F. & Russo, F. A. (2004). Visual influences on the perceived size of sung intervals. *Proceedings of the 8th International Conference on Music Perception and Cognition*, Chicago, IL.
46. English, G. W., Russo, F. A., Moore, T. N., Lantz, M. E., & Schwier, C. (2004). Locomotive horns: Influence of position and sound characteristics on effectiveness. *Proceedings of the 8th International Level Crossing Symposium*, Sheffield, UK.
47. Russo, F. A., Lantz, M. E., English, G. W., & Cuddy, L. L. (2003). Increasing effectiveness of train horns without increasing intensity. *Proceedings of the 2003 International Conference on Auditory Display*, 51-54, Boston, MA.
48. English, G. W., Russo, F. A., Moore, T. N., & Lantz, M. E. (2002, November). Locomotive horn study. *Paper presented at the Fourth Workshop on Highway-Railway Grade Crossing Research*, Available [On-line]: <http://www.tc.gc.ca/tdc/events/2002/proceedings.htm>, Montreal, QC.



49. Russo, F. A., Galembo, A., & Cuddy, L. L. (1998, May). Perception of tonality across the tessitura of an instrument. *Proceedings of the European Society for the Cognition of Music*. Rome, Italy.
50. Russo, F. A., & Cuddy, L. L. (1998, May). Toward a motor theory of melodic perception. *Proceedings of the European Society for the Cognition of Music*. Rome, Italy.
51. Russo, F. A., Galembo, A., & Cuddy, L. L. (1997, October). Evaluation of perceived tonality across the musical pitch range. *Proceedings of the Canadian Acoustical Association, Canadian Acoustics*, 25, 35, Windsor, ON.
52. Russo, F. A., & Cuddy, L. L. (1996, August). Predictive value of Narmour's principles for cohesiveness, pleasingness, and memory of Webern melodies. *Proceedings of the Fourth International Conference on Music Perception and Cognition*, 439-443, Montreal, QC.
53. Russo, F. A., & Cuddy, L. L. (1996, August) Perceptual cues to melodic organization. *Proceedings of the XXVI International Congress of Psychology, International Journal of Psychology*, 31, 263-264, Montreal, QC.
54. Thompson, W. F., Russo, F. A., & McKinnell, A. (1993, October). Musical influences on the perception of time. *Proceedings of the Canadian Acoustical Association, Canadian Acoustics*, 21, 83-84, Toronto, ON.

#### **Edited books:**

1. Russo, F.A, Illari, B., & Cohen, A., Eds (2020). *Routledge Companion to Interdisciplinary Studies in Singing. Volume 1: Development*. Routledge.
2. Vempala, N. N., Russo, F. A., & Wiggins G, A., Eds. (2018). *Bridging Music Informatics with Music Cognition*. Frontiers Media. doi: 10.3389/978-2-88945-571-3

#### **Book chapters:**

1. Russo, F. A. (2020). Introduction. In F. A. Russo, B. Illari and A. Cohen (Eds.) *Advancing Interdisciplinary Research in Singing, Volume 1: Development*. (pp. 1-14). Routledge.
2. Illari, B., & Russo, F. A. (2020). Introduction to Part I: Musical, Historical, and Scientific Foundations of Singing Development. In F. A. Russo, B. Illari and A. Cohen (Eds.) *Advancing Interdisciplinary Research in Singing, Volume 1: Development*. (pp. 17-24). Routledge.

3. Russo, F. A. (2020). Multimodal aspects of singing development. Introduction to Part 3: *In F. A. Russo, B. Illari and A. Cohen (Eds.) Advancing Interdisciplinary Research in Singing, Volume 1: Development.* (pp. 243-248). Routledge.
4. Trehub, S., & Russo, F. A. (2020). Infant-directed singing from a dynamic multimodal perspective. *In F. A. Russo, B. Illari and A. Cohen (Eds.) Advancing Interdisciplinary Research in Singing, Volume 1: Development.* (pp. 249-261). Routledge.
5. Russo, F. A. (2020). Motor system involvement in the perception of singing. *In F. A. Russo, B. Illari and A. Cohen (Eds.) Advancing Interdisciplinary Research in Singing, Volume 1: Development.* (pp. 276-288). Routledge.
6. Falk, S., Schreier, R., Russo, F. A. (2020). Singing and Stuttering. *Advancing Interdisciplinary Research in Singing, Volume 3: Singing and Wellbeing.* Routledge.
7. Russo, F. A. (2019). Multisensory processing in music. *In M. Thaut and D. Hodges (Eds.) Handbook of Music and Brain Research* (pp. 212-234). Oxford University Press.
8. Russo, F. A. (2019). Pitch combinations and grouping. *In D. J. Levitin and J. Rentfrow (Eds.) Foundations in Music Psychology: Theory and Research* (pp. 121-148). MIT Press.
9. Russo, F. A., & Ammirante, P. (2018). Music perception. *In J.T. Wixted & J. Serences (Eds.) Volume 2 of Stevens' Handbook of Experimental Psychology and Cognitive Neuroscience: Sensation, Perception, and Attention* (pp. 317-342). New York, NY: John Wiley & Sons.
10. Good, A., & Russo, F. A. (2014). Vibrotactile devices for music. *In Music in the Social and Behavioral Sciences: An Encyclopedia.* SAGE Publications, pp. 1166-68.
11. Russo, F. A., & Liskovoi, L. (2014). Physiological responses. *In Music in the Social and Behavioral Sciences: An Encyclopedia.* SAGE Publications, pp. 862-865.
12. Graur, A., Russo, F. A., & Thompson, W. F. (2014). Theory of Mind. *In Music in the Social and Behavioral Sciences: An Encyclopedia.* SAGE Publications, pp. 1125-1127.
13. Russo, F. A. (2009). Towards a functional hearing test for musicians: The probe tone method. *In M. Chasin's (Ed.) Hearing Loss in Musicians.* San Diego, CA: Plural Publishing, pp. 145-152.

### **Non-Peer Reviewed Papers**

1. Singh, G., Barr, C., Montano, J., English, K., Russo, F. A., Launer, S. (2017). Family-centered audiology care: Emotion and reason in hearing healthcare. *Hearing Review* 24 (5), 30-32

2. Tardif, M.C., Ammirante, P., & Russo, F.A. (2016). Smart Lab Research: An Overview. *Canadian Acoustics*, 44, 40-41.
3. Livingstone, S. R., Peck, K., & Russo, F. A. (2013). The language of emotion: Acoustic differences in the singing and speaking voice. *Invited lay-language paper for the 165<sup>th</sup> meeting of the Acoustical Society of America / 21st International Congress on Acoustics*. Available [On-line]: <http://www.acoustics.org/press/165th/livingstone.html>
4. Russo, F. A. (2011). How music moves us. *The MARK News*. <http://www.themarknews.com/articles/3891-how-music-moves-us>
5. Fallah, S., & Russo, F. A. (2011). Cognitive benefits of music education. *Shafa (Iranian-Canadian Health Magazine)*, May, 8-9.
6. Russo, F. A. (2009). Multimodal and mulitdimensional integration in music. Guest Editorial, *Canadian Acoustics*, 37, 3-4.
7. Easa, S., Reed, M., & Russo, F. A. (2008). What do Psychology and Civil Engineering have in common to promote well-being and excellence? *Canadian Civil Engineer*, 25, 14-18.
8. Russo, F. A. (2008). The experience of relative pitch. *Canadian Hearing Report* (Canadian Academy of Audiology), 3, 27-28.
9. Russo, F. A. (2006). Perceptual considerations in designing hearing aids for music. *Hearing Review*, March, 74-78.
10. Russo, F. A., & Cuddy, L. L. (1999). Motor theory of melodic expectancy. *Invited lay-language paper for the 137<sup>th</sup> Meeting of the Acoustical Society of America*. Available [On-line]: <http://www.acoustics.org/press/137th/russo.html>

### Keynotes and Plenaries

1. Russo, F.A. (2022, August 12). *Hearing aid outcomes beyond speech intelligibility*. Plenary at International Hearing Aid Research Conference (IHCON), Granlibakken Conference Center, Lake Tahoe, CA
2. Russo, F.A. (2019, November 6). *SingWell: Understanding group singing from a biopsychosocial perspective*. Keynote at BRAMS – CRBLM Lecture Series, Université de Montréal, Montreal, PQ
3. Russo, F. A. (2018, Sep 15). *Challenges and opportunities for enhancing the experience of music in hearing aid and cochlear implant users*. 7<sup>th</sup> Samsung International Symposium on Hearing Aids (SISHA). Seoul, Korea.

4. Russo, F. A. (2017, Nov 18). *Challenges and new opportunities for advancing the experience of music in hearing impaired and hearing aided individuals*. Plenary at Neuromusic, McMaster University, Hamilton, ON.
5. Russo, F. A. (2016, Sep 5). *Understanding music perception from the perspective of oscillation and resonance*. Plenary at 22<sup>nd</sup> International Congress of Acoustics, Buenos Aires, Argentina.
6. Russo, F. A. (2015, Oct 21). *Music and emotional speech in hearing impaired and hearing aided listeners*. Canadian Academy of Audiology. Plenary at Pre-Conference Workshop on Music, Hearing Aids, and Research. Niagara Falls, ON.
7. Russo, F. A. (2014, July 8). *On the nature, effects, and origins of bottom-up principles of melodic expectation*. Plenary Speaker at Milestones in Music Cognition: A Quarter-Century Celebration of Books by Bregman, Krumhansl and Narmour (BKN25). McGill University, Montreal, PQ.
8. Russo, F. A. (2014, February 7). *Understanding music and emotional communication from the perspective of synchronization*. Keynote at the 43rd annual meeting of the Lake Ontario Visionary Establishment (LOVE) Conference. Niagara Falls, ON.
9. Russo, F. A. (2013, October 8). *Aging, Cognition, and Music: Implications for Speech Communication*. Keynote speaker for 5th International and Interdisciplinary Research Conference, Indiana University, Bloomington, IN.
10. Russo, F. A. (2013, May 27). *On music, mind and technology*. Keynote at BEST (Biomedical Engineering & Sciences Technology) Annual Research Symposium. St. Michael's Hospital, Toronto, ON.
11. Russo, F. A. (2012, October 11). *From sound waves to brain waves and points in between*. Keynote at Acoustics Week in Canada, Banff, AB.
12. Russo, F. A. (2012, January 28). *Cognitively based music information retrieval*. Keynote at Meeting of the North-East Music Informatics Group, Dartmouth College, Hanover, NH.
13. Russo, F. A. (2011, November 4). *The role of movement and simulation of movement in understanding music*. Plenary at the Annual Symposium of the McMaster Institute for Music and the Mind, McMaster University, Hamilton, ON.
14. Russo, F. A. (2010, October 8). *Perception of Music: Problems and Prospects*. Plenary at Canadian Academy of Audiology Conference, Montreal, QC.
15. Russo, F. A. (2008, March 1). *The Science of Music Experience*. Keynote at 23<sup>rd</sup> Annual Seminars on Audition, Mississauga, ON.

### Invited Talks and Colloquia

1. Russo, F. A. (2023, June). *To be determined*. Featured speaker: Brain and Cognitive Science Section, Annual General Meeting of the Canadian Psychological Association. Toronto, Canada.
2. Lo, C., & Russo, F. A. (2022, October 6). *To what extent can group-based music support health and wellbeing outcomes for children and adults with hearing loss*. Music and Hearing Health Workshop. University of Oldenburg, Oldenburg, Germany (Virtual).
3. Russo, F. A. (2021, November 11). *Group singing to support social wellbeing and communication in adults with communication challenges*. Goldsmiths, University of London.
4. Russo, F.A. (2020, July 21). *Current Research on the Effects of Music on Health, Cognition, and Wellness*. Centre for Brain Health, University of British Columbia.
5. Russo, F.A. (2019, November 1). *SingWell: Understanding group singing from a biopsychosocial perspective*. Brain, Perception and Cognition (BPAC), Toronto Met. Toronto, ON
6. Russo, F.A. (2019, July 17). Benefits of music-based training for supporting speech outcomes in CI users. Conference on Implantable Auditory Prostheses (CIAP), Granlibakken Conference Center, Lake Tahoe, CA
7. Russo, F. A. (2019, March 28). *Using the Adaptive Music Perception (AMP) test to understand the effects of hearing loss and hearing aids on the perception of musical scenes*. Invited Talk at Symposium on (Musical) Auditory Scene Analysis. Hanse-Wissenschaftskolleg Institute for Advanced Study, Delmenhorst, Germany
8. Russo, F. A. (2019, March 7), *What is the role of the motor system in the perception of music and emotional speech?* Science, the Arts & Possibilities in Perception, University of Arizona, Tempe, Arizona
9. Russo, F. A. (2018, Feb 26). *Understanding the benefits of singing for health and wellbeing in people living with communication difficulties*. Research Rounds. Toronto Rehabilitation Institute. Toronto, Canada
10. Russo, F.A. (2017, Sep 21). *Challenges and new opportunities for advancing the experience of music in hearing impaired and hearing aided individuals*. Colloquium at Center for Hearing (European Cluster of Excellence: Hearing4all), Carl von Ossietzky Universität Oldenburg, Oldenburg, Germany

11. Russo, F.A. (2017, Sep 18). Understanding the benefits of singing for health and well-being: An interdisciplinary perspective. Invited Talk at Systematische Musikwissenschaft, Carl von Ossietzky Universität Oldenburg, Oldenburg, Germany
12. Russo, F.A. (2017, April 11). *Towards a theory for understanding the socio-emotional benefits of singing*. Program for Music, Mind and Society, Vanderbilt, Nashville, TN.
13. Russo, F. A. (2017, March 4). *Improving perception of music in hearing aids: Technological and behavioral considerations*. American Auditory Society Conference, Scottsdale, AZ.
14. Russo, F.A. (2016, Nov 18). *Music, mood regulation, and prosocial behavior*. Radical Collaborations Forensic Psychiatry Research Event, St. Joseph's Healthcare, Hamilton, ON.
15. Russo, F.A. (2016, Oct 18). *Joint music making as a tool for supporting socio-emotional relations*. MaHRC, Faculty of Music, University of Toronto, Toronto, ON.
16. Russo, F. A. (2016, Sep 28). *Vibrotactile perception of music: Physiological, Psychophysical, and Psychological perspectives*. Department of Computer Science, National University of Singapore, Singapore.
17. Russo, F.A. (2016, Sep 21). *Perception of Music in Hearing Aids*. Invited presentation at World Congress of Audiology, Vancouver, BC.
18. Russo, F.A. (2016, Sep 21). *Perception of emotion in speech in normal, hearing impaired and hearing aided listeners*. Invited presentation at World Congress of Audiology, Vancouver, BC.
19. Russo, F.A. (2016, Sep 19). *Effect of Music Participation in Older Adults with Hearing Loss and Children with Cochlear Implants*. Invited Paper at World Congress of Audiology, Vancouver, BC.
20. Russo, F. A. (2016, Feb 10). *Music and Emotion*. Room 217 Webinar.
21. Russo, F. A. (2016, Jan 20). *Effects of music training on auditory processing in deaf children with CIs and adults with hearing impairment*. Invited presentation at Cochlear Implant Program, Sick Children's Hospital. Toronto, ON.
22. Russo, F. A. (2015, Dec 10). *Oscillatory brain dynamics underlying perception of pitch, rhythm and emotion in music and speech*. Invited "Idea Lecture". Department of Neuroscience. Max Planck Institute for Empirical Aesthetics. Frankfurt, Germany
23. Singh, G., & Russo, F. A. (2015, Dec 8). *More than a feeling: An audiological exploration of affective speech*. Invited Presentation: Phonak/Sonova. Stäfa, Switzerland.

24. Russo, F. A. (2015, July 1). *A neuro-cognitive perspective on the efficacy of singing in foreign-language learning*. Invited presentation at the “Science of Learning” symposium organized by the National Research Foundation (NRF), Singapore.
25. Russo, F. A. (2015, May 30). *Music as a technology for oscillatory coupling within and between brains*. Invited Presentation: Subtle Technologies Festival, Toronto, ON.
26. Russo, F. A. (2015, May 8). *Combining neuroscience with machine learning to track emotional response*. Invited Presentation: Digifest 2015, Toronto, ON.
27. Russo, F. A. (2015, Mar 29). *Cuckoo clocks in the brain: Understanding the perception of music from the perspective of oscillatory dynamics*. Invited Presentation for the Department of Music, McMaster University, Hamilton, ON.
28. Russo, F. A. (2015, Mar 25). *Clarifying the connections between music, hearing, and emotional communication*. Colloquium: MaHRC, University of Toronto. Toronto, ON.
29. Russo, F. A. (2015, Jan 28). *Oscillatory brain dynamics underlying perception of pitch, rhythm and emotion in music and speech*. Cognitive Science Speaker Series, York University. Toronto, ON.
30. Russo, F. A. (2014, Dec 5). *Oscillatory brain dynamics and music*. Colloquium: University of Arkansas, Fayetteville, AR.
31. Russo, F. A. (2014, April 11). *Music and motor resonance*. Invited speaker for Peri-operative Rounds, St. Michael’s Hospital, Toronto, ON.
32. Russo, F. A. (2014, April 4). *Music and emotional speech from the perspective of resonance*. *Psychology and Neuroscience Colloquium Series*, Dalhousie University, Halifax, NS
33. Russo, F. A. (2014, March 22). *Music and age-related changes in hearing: Peripheral and central remediation*. Invited Speaker at Eastman/UR/Cornell Music Cognition Symposium, Rochester, NY.
34. Russo, F. A. (2014, March 22). *The role of synchronization in perception of musical structure and emotion*. Invited Speaker at The Eastman/UR/Cornell Music Cognition Symposium, Rochester, NY.
35. Russo, F. A. & Livingstone, S. R. (2013, November 8). *A novel singing therapy to support vocal-emotional communication in Parkinson’s Disease: Preliminary Findings*. Invited speaker for Music and Neurological Rehabilitation Research Symposium, MaHRC, Faculty of Music, University of Toronto, Toronto, ON.
36. Russo, F.A. (2013, April 23). *On music, movement and synchronization*. York University, Neuroscience Lectures Series, Toronto, ON.

37. Russo, F. A. (2013, January 23). *The role of movement in musical emotion*. Colloquium: Swiss Center for Affective Sciences, University of Geneva, Geneva, Switzerland.
38. Russo, F. A. (2013, January 21). *Perception of music and emotional prosody: Problems and Prospects*. Invited Presentation: Phonak/Sonova. Stäfa, Switzerland.
39. Russo, F. A. (2012, November 16). *On musical synchronization*. Psychology Distinguished Lecturer Series, Queen's University, Kingston, ON.
40. Russo, F.A. (2012, October 12). *Vocal-emotional communication in Parkinson's Disease*. Invited Presentation: Hotchkiss Brain Institute, University of Calgary, Calgary, AB.
41. Russo, F. A. (2012, September 13). *A primer on hearing and feeling vibration*. Invited Presentation: School of Interior Design, Toronto Met, Toronto, ON.
42. Russo, F. A. (2012, September 8). *Non-auditory methods for improving music listening with hearing aids*. Invited Presentation: Association of Adult Musicians with Hearing Loss, Web-based conference.
43. Russo, F. A. (2011, December 6). *Sensorimotor interactions in vocal-emotional communication*. Toronto Rehabilitation Institute, Toronto, ON.
44. Russo, F. A. (2011, November 1). *Music and emotion*. Colloquy on Music Psychology and Neuroscience, Faculty of Music, University of Toronto, Toronto, ON.
45. Russo, F. A. (2011, May 19). *Movement, Mimicry and Emotion in Music*. International Laboratory for Brain, Music and Sound Research (BRAMS), University of Montreal, Montreal, PQ.
46. Russo, F. A. (2010, November 23). *Assistive technology for music and beyond*. Sensory and Neural Systems Group, Institute of biomaterials and biomedical engineering. University of Toronto. Toronto, ON.
47. Russo, F. A. (2010, November 11). *Can we experience music without sound?* TEDx public lecture. Organized by tedxibyork.com. Ontario Science Centre, Toronto, ON.
48. Russo, F. A., Fels, D. I., (2010, June 12). *Feeling the music: Potential uses of audio-tactile music in therapy*. Invited Lecture for Music Therapy Association of British Columbia, Capilano University. North Vancouver, BC.
49. Fels, D. I., & Russo, F. A. (2010, June 11). *Emoti-chair: Motivation, Design, Experimentation, Future*. Media and Graphics Interdisciplinary Centre (MAGIC), University of British Columbia, Vancouver, BC



50. Russo, F. A. (2010, May 30). Invited panelist for Jeanette Bicknell's *Why Music Moves Us*, *Canadian Society for Aesthetics, 2010 Congress of the Humanities and Social Sciences*, Montreal
51. Russo, F. A. (2010, March 26). *Soundspace / Soundscape: Toronto Sound Map Project*, Faculty of Architecture, University of Toronto, Toronto, ON
52. Russo, F. A. (2010, January 13). *Music without sound*. Cochlear Implant Program, Sick Children's Hospital. Toronto, ON.
53. Russo, F. A., with Cohen, A., Edwards, D., O'Farrell, L. (2009, December). *Advancing Interdisciplinary Research on Singing*. Invited Lecture at Canadian Symposium for Arts and Learning, Royal Conservatory of Music, Toronto, ON.
54. Russo, F. A. (2009, December 9). *Bridging hearing science with music cognition*. Department of Speech-Language Pathology, University of Toronto, Toronto, ON.
55. Russo, F. A. (2009, February 24). *Discover your hidden Diva: Electromyographic evidence for imitation in perception of song*. Ryerson Music Series: Interdisciplinary Perspectives, Toronto Met, Toronto, ON.
56. Maksimowski, M. & Russo, F. A. (2008, December 18). *Listening by ear and hand*. Macarthur Auditory Research Centre, University of Western Sydney. Bankstown, Australia.
57. Russo, F. A. (2006, November). *Soundtrack of your life*. Invited talk for the Life Institute, G. Raymond Chang School of Continuing Education, Toronto Met, Toronto, ON.
58. Russo, F. A. (2005 / 2006). *Multidimensional and Multimodal Integration in Music*, Arizona State University, Case Western Reserve University, Knox College, Mount Allison University, Toronto Met, University of Lethbridge, Wilfrid Laurier University.
59. Russo, F. A., & Jones, J. A. (2005, June). *Transportation Safety: A Human Focus*. Invited Talk for National Transportation Summit, Toronto, ON.
60. Russo, F. A. (2004, February). *Some observations concerning the phenomenology of interval size*. University of Toronto at Mississauga, Human Communication Colloquium Series, Mississauga, ON.
61. Russo, F. A. (2002, December). *Detection and urgency of warning signals*. University of Toronto at Mississauga, Human Communication Colloquium Series, Mississauga, ON.
62. Russo, F. A. (2003, January). *Age-related changes in music perception*. Auditory Workshop, CIHR Healthy Aging Strategic Training Program.

63. Russo, F. A., Galembo, A., & Cuddy, L. L. (2000, October). *Why some of us have trouble hearing the DO despite the DO-RE-MI*. Queen's University, Brain, Behaviour, and Cognitive Science Colloquium Series. Kingston, ON.
64. Russo, F. A., & Cuddy, L. L. (1998, April). *A reprise for motor theory: The influence of vocal constraints on expectancy and cohesion in melody*. University of Toronto at Scarborough, Cognition and Perception Colloquium Series. Scarborough, ON.
65. Russo, F. A., & Sturdy, C. B. (1996, October). *How a chickadee can hear a chickadee despite the dawn chorus: Natural solutions to problems with sound propagation in noisy environments*. Queen's University, Brain, Behaviour, and Cognitive Science Colloquium Series. Kingston, ON.
66. Russo, F. A. (1995, November). *The Gestalts of melodic perception*. Queen's University, Brain, Behaviour, and Cognitive Science Colloquium Series. Kingston, ON.

**Conference presentations as first author without proceedings:**

1. Russo, F. A., Good, A., Fiocco, A. J., & Kreutz, G. (2021, May 7) Biopsychosocial Perspectives on Choral Singing and Stress. *Canadian Stress Research Summit, Toronto, CA*.
2. Russo, F. A., & Good, A. (2020, April 20). *Effects of group singing on social wellbeing in older adults*. Paper at Music in the time of Corona. Web Meeting hosted by the Max Planck Institute for Empirical Aesthetics.
3. Russo, F. A., Schutz, M., & Copelli, F. (2018, July 7). *Event-related desynchronization of the mu rhythm in experts and non-experts during audio, visual, and audio-visual perception of percussion*. Paper at Canadian Society for Brain, Behavior and Cognitive Science. St. John's, NL.
4. Russo, F. A. (2018, June 16). *The multisensory perception of music*. Paper at International Multisensory Research Forum. Toronto, Canada.
5. Russo, F. A., (2017, Oct 12). *Teaching acoustics to psychology and neuroscience students*. Paper at Acoustics Week in Canada. Guelph, ON.
6. Russo, F. A., & Good, A. (2017, August 1). *Joint music making influences intergroup relations in a minimal groups paradigm*. Poster at Biannual meeting of the Society for Music Perception and Cognition. San Diego, CA.
7. Russo, F. A., & Dubinsky, E. (2017, June 17). *Benefits of music training in older adults with age-related hearing loss*. Symposium (Organizer) and Paper at Neurosciences and Music VI: Music, Sound and Health. Harvard Medical School, Boston, MA.

8. Russo, F. A. & Dubinsky, E. (2017, June 9). *A pilot study to investigate the potential benefits of singing for rehabilitation of age-related hearing loss*. Special Session on Innovations in Applied Cognitive Psychology. Paper at Convention of the Canadian Psychological Association, Toronto, ON.
9. Russo, F. A., Fanelli, D. (2016, Sep 23). *Perception of emotion in music by hearing-impaired and hearing-aided listeners*. Paper at Acoustics Week in Canada, Vancouver, BC.
10. Russo, F. A., Ammirante, P., & Patel, A. D. (2016, Sep 22). *Auditory, tactile and bimodal synchronization to the beat: A test of the auditory-motor enhancement hypothesis*. Paper at Acoustics Week in Canada, Vancouver, BC.
11. Russo, F.A., & Ammirante, P. (2016, July 8). *Vibrotactile perception of music*. Paper at International Conference for Music Perception and Cognition. San Francisco, CA.
12. Russo, F.A. (2016, July 6). *Effects of choral singing on facial and vocal expressiveness in people living with Parkinson's Disease*. Paper at International Conference for Music Perception and Cognition. San Francisco, CA.
13. Russo, F. A., & Livingstone, S. L. (2015, October 7). *The Ryerson Audio-Visual Database of Emotional Speech and Song*. Paper at Acoustics Week in Canada. Halifax, NS.
14. Russo, F. A. (2014, August 7). *Understanding the perception of music from the perspective of oscillatory activity within and between brain networks*. Paper at the 13<sup>th</sup> International Conference for Music Perception and Cognition. Seoul, Korea.
15. Russo, F. A., (2014, July 4). *Coordination of expressive movements with music: Underlying mechanisms and novel treatments for emotion processing disorders*. Paper at Conjoint Cognition Symposium: Annual meeting of the Canadian Society of Brain Behavior and Cognitive Science, Toronto, ON.
16. Russo, F. A., Good, A., Nespoli, G., Gordon, K., & Papsin, B. (2014, June 6). *Potential benefits of music and multi-modal training on perception of emotional prosody in children with cochlear implants*. Paper at Hearing Across the Lifespan, Cernobbio, Italy.
17. Russo, F. A., (2014, June 1). *Preliminary outcomes of a novel singing therapy to restore expressive deficits in Parkinson's disease*. Poster at Neuromusic Conference: Cognitive Stimulation and Rehabilitation, Dijon, France.
18. Russo, F. A., & Ammirante, P. (2013, November 14). *Motor simulation while judging sung melodic intervals*. Poster at 12th Annual Auditory Perception, Cognition in Action Meeting, Toronto, ON.

19. Russo, F. A., & Livingstone, S. (2013, August 12). *Emotional meaning across cultures*. Paper at 5<sup>th</sup> Annual meeting of AIRS: Advancing Interdisciplinary Research in Song. Toronto Met, Toronto, ON.
20. Russo, F. A. (2012, August 27). *Building bridges between Music Cognition and Music Informatics*. Paper at 2<sup>nd</sup> Annual CogMIR seminar, Toronto Met, Toronto, ON
21. Russo, F. A., & Livingstone, S. (2012, August 23). *A novel singing therapy to improve communication of facial and vocal emotion*. Paper at AIRS 4th Annual Conference, UPEI, Charlottetown, PE.
22. Russo, F.A. (2011, August 25). *A major collaborative research initiative on singing: Focus on performance* (Chair and Discussant). International Symposium for Performance Science. Toronto, ON.
23. Russo, F.A., & Sandstrom, G.M. (2011, August 13). *A new scale to identify individuals with strong emotional responses to music: Absorption in Music Scale (AIMS)*. Paper at the Biennial Meeting of the Society for Music Perception and Cognition, Rochester, NY.
24. Russo, F. A. (2011, July 12). *Movement, mimicry and emotion in song*. Paper at the 3rd annual meeting of Advancing Interdisciplinary Research in Singing, Saint John's, Newfoundland.
25. Russo, F. A. (2011, June 25). *Gaze behaviour during perception of singing*. Annual meeting of the Canadian Society for Brain Behaviour and Cognitive Science. University of Manitoba, Winnipeg, Manitoba.
26. Russo, F. A. (2011, May 18). *Movement, mimicry and multimodal aspects of vocal-emotional communication*. Paper at the International Conference for Research Audiology, Toronto, ON.
27. Russo, F. A. (2010, October 14). *Toronto Sound Map Project*. Paper at Acoustics Week in Canada, Victoria, British Columbia.
28. Russo, F. A., Cuddy, L. L., & Galembo, A. (2010, October 15). *The complementary roles of temporal and spectral processing in tonal perception of low-frequency tones*. Paper at Acoustics Week in Canada, Victoria, British Columbia.
29. Russo, F. A., & Maksimowski, M. (2010, August 27). *Accuracy gains in relative pitch perception conferred by presentation of congruent non-auditory information*. Paper at the International Conference for Music Perception and Cognition, Seattle, Washington.

30. Russo, F. A., Maksimowki, M., & Sandstrom, G. (2009, August). *Visual fixation patterns and the contribution of visual dynamics in perception of vocal music*. Paper presented at the Society for Music Perception and Cognition, Indianapolis, Indiana.
31. Russo, F. A., Maksimowski, M., Karam, M., & Fels, D. I. (2009, August). *Vibrotactile discrimination of musical timbre*. Paper at the Society for Music Perception and Cognition, Indianapolis, USA.
32. Russo, F. A., & Chan, L. (2009, June). *The use of facial electromyography in singing research*. Paper at Advancing Interdisciplinary Research in Singing (SSHRC MCRI) Workshop and Startup Meeting, Charlottetown, Prince Edward Island.
33. Russo, F.A., Jones, J., & Abdoli-E., M. (2008, October). *Effect of frequency in virtual rumble strips*. Paper presented at Acoustics Week in Canada, Vancouver, British Columbia.
34. Russo, F. A., Quinto, L., & Thompson, W. F. (2008, July). *Judgments of fit between phonemic and melodic information in singing*. Paper presented at Music and Language II, Tufts University, Boston, Massachusetts.
35. Russo, F. A., & Thompson, W. F. (2007, August). *Effects of timbre on the experience of interval size and direction*. Paper presented at the Society for Music Perception and Cognition, Concordia University, Montreal, Quebec.
36. Russo, F. A., Singh, G., & Wittich, W. (2006, October). *Strategic Transdisciplinarity: Success indicators of the CIHR training grant on communication and social interaction in healthy aging*. Poster presented at the CIHR Celebration, University of Toronto, Toronto, ON.
37. Russo, F. A., & Jones, J. A. (2005, November). *A multimodal investigation on the effects of frequency on perceived urgency of rumble strips*. Poster presented at the Fourth Annual Auditory Perception and Action Meeting, Toronto, Ontario
38. Russo, F. A., Iversen, J., Patel, A., & Cuddy, L. L. (2005, August). *Comparing speech, music, and bird song to study motor constraints on melodic structure*. Poster presented at the Society for Music Perception and Cognition, Neurosciences Institute, San Diego, California
39. Russo, F. A., & Thompson, W. F. (2005, May). *The relative influence of pitch and timbre on perceived interval size*. Poster presented at the Neurosciences and Music II: From Perception to Performance, *Abstract in Annals of the New York Academy of Sciences, 1060*, Leipzig Germany.
40. Russo, F. A., Pichora-Fuller, M. K., Lai, D., & Raznovan, E., Lu, D. (2004, April). *Speech perception in young and older adults with babble and music backgrounds*. Poster presented at the Cognitive Aging Conference, Atlanta, Georgia.

41. Russo, F. A., Pichora-Fuller, M. K., Lai, D., & Raznovan, E., Lu, D. (2004, February). *Speech perception in familiar and unfamiliar music backgrounds*. Paper presented at Annual Research Workshop, CIHR Research Training Program in Communication and Social Interaction in Healthy Aging, Quebec City, Quebec
42. Russo, F. A., & Thompson, W. F. (2003, June). *An interval-size illusion: Extra-pitch influences on the perceived size of melodic intervals*. Paper presented at the Society for Music Perception and Cognition, University of Nevada at Las Vegas, Nevada.
43. Russo, F. A., Ammirante, P., & Thompson, W. F. (2003, June). *Beyond Music Training: Influence of Cerebral Lateralization on Musical Ability*. Poster presented at the Society for Music Perception and Cognition, University of Nevada at Las Vegas, Nevada.
44. Russo, F. A. (2003, March). *Effects of Music on Speech Communication in the Elderly*. Paper presented at Annual Research Workshop, CIHR Research Training Program in Communication and Social Interaction in Healthy Aging, Banff, Alberta.
45. Russo, F. A., Lee, J. C., Cuddy, L. L. (2001, August). *Influence of Hierarchical Structure in Serial-Recall and Perceived Cohesion of Tone Sequences*. Paper presented at the Society for Music Perception and Cognition, Queen's University, Kingston, Ontario.
46. Russo, F. A., Galembo, A., & Cuddy, L. L. (2000, November). *Variability in musical pitch perception across the tessitura of the piano*. Paper presented at the Society for Music Perception and Cognition, Abstract published in *Musical Intersections*, 2000, 256, Toronto, Ontario.
47. Russo, F. A., & Cuddy, L. L. (1999, March). *A common origin for vocal accuracy and melodic expectancy: Vocal constraints*. Paper presented at the Joint Meeting of the Acoustical Society of America and the European Acoustics Association, Abstract published in *Journal of the Acoustical Society of America*, 105, 1217, Berlin, Germany.
48. Russo, F. A., & Cuddy, L. L. (1998, June). *Vocal constraints as a source of melodic expectancy*. Paper presented at Canadian Society for Brain, Behaviour, and Cognitive Science, Carleton University, Ottawa, Ontario.
49. Russo, F. A., Sturdy, C. B., Cuddy, L. L., & Weisman, R. G. (1996, August). *Gestalt factors in the structure of birdsong and human melody*. Poster presented at meeting of Canadian Society for Brain, Behaviour, and Cognitive Science, McGill University, Montreal, Quebec.
50. Russo, F. A., & Cuddy, L. L. (1995, June). *Using Narmour's bottom-up principles of expectancy to influence listeners' perceptions of melodic cohesion and flow*. Paper presented at annual meeting of Society for Music Perception and Cognition, University of California, Berkeley, California.

51. Russo, F. A. (1992, May). *Play, happiness, and the effectance theory of human motivation*. Paper presented at the 22<sup>nd</sup> Annual Ontario Undergraduate Thesis Conference. University of Ottawa, Ontario.

### **Public and Professionally Related Talks**

1. Russo, F. A. (2020, Jun 18). *Current Research on the Effects of Music on Health, Cognition, and Wellness*. Chang School of Continuing Education, Toronto Met.
2. Russo, F. A. (2018, Feb 15). *Benefits of Singing for health and wellbeing*. Ontario Medical Association.
3. Russo, F. A. (2018, Feb 12). Public Lecture: *Love, Anger and Tragedy*. The brain basis of emotion in music. First Evangelical Lutheran Church, 50+ Program, Chang School, Toronto Met, Toronto, ON
4. Russo, F. A. (2016, Oct 27). Public Lecture. *Singing and socio-emotional relations*. EROI Festival, Eastman School of Music. Rochester, NY.
5. Russo, F. A. (2016, Mar 7). Public Lecture. *On Singing with Parkinson's Disease*. Durham Region Parkinson's Society of Canada. Whitby, Ontario.
6. Russo, F. A. (2016, Mar 6). Public Lecture: *How do we experience emotion in music?* Royal Conservatory of Music. Toronto, ON.
7. Russo, F. A. (2015, Apr 7). Moderated online panel discussion about new media and technology distractions.  
[http://www.scribblelive.com/Event/Journalism\\_in\\_a\\_distracted\\_world?Page=1](http://www.scribblelive.com/Event/Journalism_in_a_distracted_world?Page=1)
8. Russo, F. A., Ammirante, P., & Nespoli, G. (2013, Mar 7). Workshop on Music, Mind and Technology. *Musicians @ Ryerson*. Toronto, ON.
9. Russo, F. A., Fels, D. I., Branje, C., Bobier, D. (2011, May 12). Vibetrack Workshop (A workshop for deaf filmmakers interested in exploring the use of vibetracks in film.). *Toronto International Deaf Film and Arts Festival*. Toronto, ON.
10. Russo, F. A. (2011, April 28). Invited panelist for Opportunities for Industry-Academia Collaboration in Information and Communications Technology. MITACS.
11. Russo, F. A. & Fels, D. I. (2010, June 13). Feeling the music: Workshop for vocal performance of tactile music. *Vancouver International Song Institute, University of British Columbia*.

12. Russo, F. A. (2009, December). *Grantspersonship for New Faculty (Presenter)*. Office of Research Services, Toronto Met.
13. Russo, F. A. (2009, June). *Art Meets Science (York University 50<sup>th</sup> Celebration): Sound in Silence*, Presenter and Panelist. Theatre Centre, Toronto, ON.
14. Russo, F. A. (2008, December). *Grantspersonship for New Faculty (Presenter)*. Office of Research Services, Toronto Met.
15. Russo, F. A. (2008, June). *Grantspersonship for CIHR Trainees (Presenter)*. Presenter and Panelist. Institute of Aging (CIHR) Summer Program in Aging, Honey Harbour, Canada
16. Russo, F. A. (2007, May). *Grantspersonship (Panel Participant)*, Faculty of Arts, Toronto Met
17. Russo, F. A. (2007, April). *Experience of pitch relations in music and speech*. Perspectives: Challenges, Ideas and Responses. Invited talk at conference for gifted students of the TCDSB. University of Toronto, Toronto, ON.
18. Thompson, W. F., & Russo, F. A. (2005, August). *Workshop on Teaching Music Cognition*, Neurosciences Institute, San Diego

#### **Patents:**

1. Labbe, A., & Russo, F. A. (2022). Method and system for measuring, calibrating and training psychological absorption. First Filing with U.S. Patent Office, April 1, 2022, US63/326,472 (Pending).
2. Karam, M. Fels, D. I., & Russo, F. A. (2015). System and method for displaying sound as vibrations. United States: US9078065 B2; US20110129093A1. Canada: CA2705418A1

#### **National and International Reports and Standards:**

1. Global Council on Brain Health (2020). "Music on Our Minds: The Rich Potential of Music to Promote Brain Health and Mental Well-Being" Available at [www.GlobalCouncilOnBrainHealth.org](http://www.GlobalCouncilOnBrainHealth.org)
2. Acoustics – Soundscape: Part 1: Definition and Conceptual Framework (2014). *Contributing Member: ISO (International Organization for Standardization) TC43/SC1*.
3. Reed, M., Easa, S., & Russo, F. A. (2009). The Effect of Road Lighting on Night Driving in Older Adults. *Ontario Ministry of Transportation (Reference Number: HIIFP-065)*



4. English, G. W., Russo, F. A., & Moore, T. N. (2003). Locomotive horn evaluation: Effectiveness at operating speeds. *Transport Canada Report (TP 14103E)*.

#### Active Research Grants:

1. *Group singing to support social wellbeing and communication in adults with communication disorders: A knowledge generation and mobilization partnership*  
Russo, F. A. (PI) & 20 others  
Sponsor: SSHRC (Partnership Grant, Stage 2)  
Reference Number: 895-2021-1018  
Funding: \$2,497,887 CAD  
Granting Period: 2021-28
2. *Group singing to support psychosocial wellbeing in older adults*  
Good, A. (PI) & Russo, F. A. (CI)  
Sponsor: Recording Academy, Grammy Museum Foundation  
Funding: \$20,000 USD  
Granting Period: 2020-21
3. *NSERC-Sonova Senior Industrial Research Chair in Auditory Cognitive Neuroscience*  
Russo, F. A. (PI)  
Sponsors: NSERC, Sonova, Toronto Met  
Reference Number: IRC 537355-18  
Funding: \$3,319,762 CAD  
Granting Period: 2019-24
4. *Brain Stimulation Equipment*  
Russo, F. A.(PI), Spaniol, J., and Yang, L.  
Internal Equipment Grant  
Sponsor: Toronto Met  
Funding: \$20,000 CAD  
Granting Period: 2018-19
5. *Engagement of the motor system in the perception and cognition of music*  
Russo, F. A. (PI)  
Sponsor: NSERC (Discovery)  
Reference Number: 2017-06969  
Funding: \$240,000 CAD  
Granting Period: 2017-22

#### Active Knowledge Translation Grants:

1. *Canadian Stress Research Summit: Stress Across the Lifespan: From risk to management*  
Fiocco, A. (PI), Russo, F. A. (CI), & 5 others (CI's)  
Sponsors: Canadian Institute for Health Research (Planning and Dissemination Grant)  
Funding: \$20,000 CAD  
Granting Period: 2019-20

### Active Training Grants as Academic Supervisor

1. *Applying social psychological research to improve hearing rehabilitation outcomes for persons with hearing loss.*  
Trainee: Maria Iankilevitch  
Sponsors: Mitacs (Industrial PDF, IT21861) and Unitron  
Funding: \$110,000 CAD  
Granting Period: 2021-2023
2. *The use of an affect-based music selection algorithm and embedded auditory beat stimulation as an intervention for high-anxiety populations*  
Trainee: Adiel Mallik  
Sponsors: Mitacs (Industrial PDF, IT17123) and LUCID  
Funding: \$110,000 CAD  
Granting Period: 2020-2023
3. *Effects of choir participation and musical training on auditory processing in hearing aided older adults*  
Trainee: Ella Dubinsky  
Sponsors: Mitacs (Accelerate; IT11950) and Unitron  
Funding: \$80,000 CAD  
Granting Period: 2018-21

### Completed Research Grants

1. *Group singing to support social wellbeing and communication in adults with communication disorders: A knowledge generation and mobilization partnership*  
Russo, F. A. (PI)  
Sponsor: SSHRC (Partnership Grant, Stage 1)  
Funding: \$20,000 CAD  
Granting Period: 2020-21
2. *Understanding group singing in older adults from a biopsychosocial perspective*  
Russo, F. A. (PI), Choma, R. L., Fiocco, A. J., Kreutz, G. and 6 Collaborators  
Sponsor: SSHRC (Partnership Development Grant)  
Reference Number: 890-2017-0130

Funding: \$199,371 CAD  
Granting Period: 2018-2020

3. *Hear the World Research Chair in Music and Emotional Speech*  
Russo, F. A. (PI)  
Sponsor: Sonova AG  
Funding: \$529,500 CAD  
Granting Period: 2013-19
4. *Big Break – Singing and Acting for teens with autism, Phase Two*  
Russo, F. A. (PI)  
Sponsor: Telus Community Grant  
Funding: \$20,000 CAD  
Granting Period: 2017-18
5. *Big Break – Singing and Acting for teens with autism, Phase One*  
Russo, F. A. (PI)  
Sponsor: Telus Community Grant  
Funding: \$19,500 CAD  
Granting Period: 2016-17
6. *A Longitudinal Assessment of Cognitive Risk for Insomnia*  
Carney, C. (PI), Koerner, N. (CI), Russo, F.A. (CI) & Shapiro, C. (CI)  
Sponsor: CIHR  
Funding: \$547,620 CAD  
Granting Period: 2013-18
7. *Joint roles of movement and simulation in vocal-emotional communication*  
Russo, F. A. (PI)  
Sponsor: NSERC (Discovery; 2012-341583)  
Funding: \$235,000 CAD  
Granting Period: 2012-17
8. *A dynamic emotion feedback system for music using audio, symbolic, and physiological features*  
Russo, F. A. (PI)  
Sponsor: NSERC (Collaborative Research & Development; CRDPJ 470378-14)  
Funding: \$440,000 CAD  
Granting Period: 2015-17
9. *A multisensory ear training program for children with cochlear implants*  
Wang, Y. (PI), Amedi, A. & Russo, F. A. (Collaborators)  
Sponsor: National Research Foundation, Singapore  
Program: Science of Learning Initiative  
Funding: \$99,600 SGD

Granting Period: 2015-16

10. *Enhancing perception of music in deaf and hard of hearing populations*  
Russo, F. A. (PI)  
Early Researcher Award  
Sponsor: Ministry of Research and Innovation (ER10-07-046)  
Funding: \$150,000 CAD  
Granting Period: 2011-16
11. *Investigating vibrotactile technology and gesture recognition for creative and artistic expression in the hearing, deaf, and disabled Arts communities*  
Fels, D. I. (PI) & Russo, F. A. (Co-PI)  
Sponsor: SSHRC (Insight, Partnership Development)  
Funding: \$473,678 CAD  
Granting Period: 2013-16
12. *Advancing Interdisciplinary Research in Singing*  
Cohen, A. (PI), Russo, F. A. (CI), & 25 others (CI's)  
Sponsor: SSHRC (MCRI; 412-2009-1008)  
Funding: \$2,498,500 CAD  
Granting Period: 2009-2016
13. *Eye tracking system*  
Moulson, M. (PI), Russo, F. A., Spaniol, J., Yang, L., Boudreau, J.P.  
Sponsor: Internal Equipment Grant (Toronto Met)  
Funding: \$25,200 CAD  
Granting Period: 2015
14. *Advancement of a software application suite for music analysis and generation informed by music cognition research*  
Russo, F. A. (PI)  
Sponsor: NSERC (Collaborative Research & Development; CRDPJ 430443-12)  
Funding: \$194,666 CAD  
Granting Period: 2012-14
15. *Graphics, Animation and New Media*  
Booth, K. (PI) and 90 others investigators including Russo, F.A. (Collaborator)  
Sponsor: Networks of Centres of Excellence (G-NI-10-Ry-01)  
Funding: \$23,000,000 CAD  
Granting Period: 2009-2014
16. *A novel singing therapy to improve communication of facial and vocal emotion*  
Russo, F. A. (PI), van Lieshout, P. (CI) & Wong, W. (CI)  
Sponsor: Parkinson's Society of Canada / 2012-13  
Funding: \$45,000 CAD

Granting Period: 2012-13

17. *Improving musical mood induction*

Russo, F. A. (PI), Carney, C. (CI), & Koerner, N. (CI)

Sponsor: SSHRC (Insight; 430-2011-0240)

Funding: \$74,920 CAD

Granting Period: 2011-2012

18. *babyVibe: Development of a new vibrotactile system to support the development of attention and communication in infants with special needs*

Russo, F. A. (PI), Boudreau, J. P. (CI), Tullio-Pow, S. (collaborator), Del-Agnese, L. (collaborator)

Sponsor: *Ontario Partnership for Innovation and Commercialization (Proof of Principle)*

Funding: \$10,000 CAD

Granting Period: 2011-2012

19. *Liquid Loops – Music Generation System*

Russo, F. A. (PI), Vempala, N. (CI)

Sponsors: FedDEV with waveDNA (Applied Research & Commercialization Initiative)

Funding: \$75,000 CAD

Granting Period: 2011-2012

20. *Developing a framework for vibrotactile composition and performance*

Fels, D. (PI), Russo, F. A. (CI)

Sponsor: SSHRC (Image, Text & Sound)

Funding: \$40,000 CAD

Granting Period: 2009-11

21. *Institute for Stress, Health, and Wellbeing*

Atkinson, L. (PI), Russo, F. A. (CI), & 6 others (CI's)

Sponsors: Ministry of Research and Innovation (Ontario Research Fund, Infrastructure) and Toronto Met

Funding: \$956,976

Granting Period: 2009-10

22. *Music-based mood induction*

Russo, F. A. (PI), Carney, C. (CI), & Koerner, N. (CI)

Sponsor: SSHRC (Sig Grant, Toronto Met)

Funding: \$6998.64 CAD

Granting Period: 2009-2010

23. *Multimodal interaction and substitution of musical information: Basic research and development of a new assistive technology for music*

Russo, F.A. (PI), Fels, D. (CI), & Abdoli-E., M. (CI)

Sponsor: Toronto Met (Fund for Interdisciplinary Studies)

Funding: \$19,667 CAD  
Granting Period: 2008-10

24. *Auditory Display of Biomedical Data*

Krishnan, S. (PI), Russo, F. A. (Co-PI)  
Sponsor: Toronto Met (Fund for Interdisciplinary Studies)  
Funding: \$20,000 CAD  
Granting Period: 2008-10

25. *Night driving performance of older adults: Effects of road lighting*

Reed, M. (PI), Easa, S. (Co-PI), Russo, F. A. (Co-PI)  
Sponsor: Ontario Ministry of Transportation: Highway Infrastructure Innovation Grant  
Funding: \$33,875 CAD  
Granting Period: 2008-09

26. *Creating Liberal & Integrated Media Experiences*

Fels, D. (PI), Russo, F.A. (CI), & 4 others (CI's)  
Sponsor: SSHRC (CURA)  
Funding: \$992,158 CAD  
Granting Period: 2007-12

27. *Multi-Dimensional and Multi-Modal Integration in Perception of Vocal Music*

Russo, F. A. (PI)  
Sponsor: NSERC (Discovery; 341583-07)  
Funding: \$102,590 CAD  
Granting Period: 2007-12

28. *Audio-visual integration of emotion in vocal music*

Russo, F.A. (PI)  
Sponsor: Toronto Met (New Faculty SRC)  
Funding: \$9998 CAD  
Granting Period: 2007-08

**Completed Training Grants as Academic Supervisor**

1. *The effect of an affective music recommendation system and auditory beat stimulation on anxiety in the student population*

Trainee: Adiel Mallik  
Sponsors: Mitacs (Accelerate; IT16618) and LUCID  
Funding: \$15,000 CAD  
Granting Period: 2020

2. *Improving signal processing in hearing aids to support music and emotional speech*

Trainee: Huiwen Goy

Mentor: Frank Russo  
Sponsors: Mitacs and Unitron  
Funding: \$110,000 CAD  
Granting Period: 2016-18

3. *Optimizing hearing aids for speech intelligibility, sound quality and emotional speech*  
Trainees: Gabe Nespoli, Huiwen Goy, Lisa Liskovoi, Naresh Vempala  
Mentors: Russo, F.A. (PI), Pichora-Fuller (CI), Singh, G. (CI), Rudzicz, F. (CI)  
Sponsors: Mitacs and Unitron (Cluster Grant) / IT03746  
Funding: \$138,500 CAD  
Granting Period: 2014-15
4. *Sing with a smile: Developmental facial mimicry in emotional singing*  
Trainee: Steven Livingstone  
Mentor: Frank Russo  
Sponsors: AIRS (SSHRC MCRI)  
Funding: \$33,000 CAD  
Granting Period: 2011-12
5. *Towards a cognitively informed music knowledge system*  
Trainee: Naresh Vempala  
Mentor: Frank Russo  
Sponsors: Mitacs and waveDNA  
Funding: \$140,000 CAD  
Granting Period: 2010-12

## Grant Review Panels

Behavioural Sciences – C: Behavioural Studies, Neuroscience and Cognition  
(BSC) Committee, Project Grant Competition, Canadian Institute for Health Research,  
Canada (2021)  
Multidisciplinary Assessment Committee, Innovation Fund, Canadian Foundation for  
Innovation, Canada (2020)  
Biological Systems and Functions, Natural Science and Engineering Research Council,  
Canada (2012-15)  
Alternate Chair (2013-15)  
College of Reviewers, Mitacs, Canada (2011-12)  
College of Reviewers, CIHR, Canada (2022-25)  
Perception, Action and Cognition, National Science Foundation, US (2009-10)  
Graduate Fellowship Awards, Natural Science and Engineering Research Council, Toronto  
Met, Canada (2016-)  
Faculty of Arts SRC Award, Toronto Met, Canada (2010)  
New Faculty SRC, Office of Research Services, Toronto Met, Canada (2009)

Harry Rosen Grant (Chair), *Institute for Stress, Health & Well Being*, Canada (2015, 2016, 2017)

### Grant Reviews (Ad Hoc)

Discovery Program, *NSERC, Canada* (2007-; 3-4 reviews per year)  
Idea-to-Innovation Program, *NSERC, Canada* (2007, 2009)  
Perception, Action & Cognition, *National Science Foundation, USA* (2010-2016)  
New Media Initiative, *NSERC/Canada Council, Canada* (2010)  
Leverhulme Trust, *UK* (2010-12; 2018; 2019)  
Leaders Opportunity Fund (LOF), *Canadian Foundation for Innovation, Canada* (2010-; 1 review per year)  
Strategic Project Grants Program, *NSERC, Canada* (2010, 2012)  
Mitacs Elevate, *Canada* (2011-; 2-3 reviews per review)  
Standard Research Grant Program, *SSHRC, Canada* (2011-; 1-2 reviews per year)  
Binational Science Foundation, *Israel/USA* (2012)  
L'Agence Nationale de la Recherche (ANR), *France* (2012, 2020)  
Technology Evaluation Network, *NCE, Canada* (2013)  
Discovery Early Career Awards, *ARC, Australia* (2013-18)  
TVN Catalyst Grants, *Canada* (2013-14)  
Innovations Fonden (Council for Strategic Research), *Denmark* (2014)  
Career Program, *Michael Smith Foundation, Canada* (2015)  
Erwin Schrodinger-Fellowship, *Austrian Science Fund, Austria* (2017)  
Israel Science Foundation, *Israel* (2017)  
Swiss National Science Foundation, *Switzerland* (2020)  
Medical Research Council, *UK* (2020)

### Editorial Activity:

1. Canadian Acoustics
  - a. Advisory Board (2014-18)
  - b. Editor-in-Chief (2012-14)
  - c. Guest Editor (2009)
2. Canadian Journal of Experimental Psychology
  - a. Editorial Board (2012-24)
3. Frontiers in Neuroscience
  - a. Associate Editor (2022-): Auditory Cognitive Neuroscience
4. Frontiers in Psychology
  - a. Associate Editor (2020-): Emotion Science
  - b. Editorial Board (2015-20): Emotion Science
  - c. Guest Associate Editor (2016-17): Cognition. *Bridging Music Informatics with Music Cognition*



5. Journal of Music Therapy
  - a. Editorial Board (2012-18)
6. Music Perception
  - a. Associate Editor (2017-)
  - b. Editorial Board (2012-17)
7. Psychomusicology: Music, Mind & Brain
  - a. Editorial Board (2009-)

**Ad Hoc Journal Peer Review (>75 unique journals):**

*Aging, Association for Computing Machinery's Computer-Human Interaction; American Journal of Audiology; Applied Cognitive Psychology; Archives of Acoustics; Attention, Perception & Psychophysics; Behavioural Brain Research; Behavioral and Brain Function; Brain and Cognition; Brain and Language; Brain Topography; Canadian Acoustics; British Journal of Psychology; Canadian Journal on Aging; Canadian Journal of Experimental Psychology; Canadian Journal of Speech-Language Pathology and Audiology; Cognition; Cognition and Emotion; Cognitive, Affective and Behavioral Neuroscience; Cognitive Science; Ear and Hearing; Emotion; Frontiers in Cognitive Science; Frontiers in Computer Science; Frontiers in Psychology; Hearing Research; IEEE Transactions on Affective Computing; IEEE Transactions on Circuits and Systems; IEEE Transactions on Haptics; Information Sciences; International Journal of Audiology; International Journal of Ergonomics; Journal of the Acoustical Society of America; Journal of the American Academy of Audiologists; Journal of Cognitive Neuroscience; Journal of Communication Disorders; Journal of Experimental Child Psychology; Journal of Experimental Psychology: Human Perception and Performance; Journal of Experimental Psychology: Learning, Memory, and Cognition; Journal of Memory and Language; Journal of Music Therapy; Journal of New Music Research; Journal of Pragmatics; Journal of Personality and Social Psychology; Journal of Speech, Language, and Hearing Research; Medical Science Monitor; Motivation and Emotion; MusiCultures; Musicae Scientiae; Music and Science; Music Perception; Neurobiology of Aging; NeuroImage; Neuropsychologia; Neuroscience Letters; Open Psychology; Perception; PLOS ONE; Proceedings of the National Academy of Sciences; PsyCH Journal (Chinese Academy of Sciences); Psychological Research; Psychological Science; Psychology and Aging; Psychology of Music; Psychomusicology: Music, Mind & Brain; Psychophysiology; Quarterly Journal of Experimental Psychology; Scientific Reports; Trends in Amplification; Trends in Hearing*

*Verified review history available at publons.com:*

<https://publons.com/author/465877/frank-a-russo#stats>

**Other Editing**

Music in the Social and Behavioral Sciences: An Encyclopedia (2014). SAGE Publications, Associate Editor

**Teaching:**

2023-	Course Director	Cognitive Neuroscience (PSY 8507), Toronto Met <ul style="list-style-type: none"> <li>• Winter/23</li> </ul>
2019-	Course Director	Sensory and Perceptual Processes (PSY 514), Toronto Met <ul style="list-style-type: none"> <li>• Winter/19</li> </ul>
2012-	Course Director	Psychology of Music (PSY 751), Toronto Met <ul style="list-style-type: none"> <li>• Winter/21</li> <li>• Fall/14</li> <li>• Winter/12</li> </ul>
2011-	Course Director	Computational Methods in Psychology (PSY 8527), Toronto Met <ul style="list-style-type: none"> <li>• Winter/17</li> <li>• Winter/11</li> </ul>
2009-	Course Director	Directed Readings (PSY 8522), Toronto Met <ul style="list-style-type: none"> <li>• Winter/14 (Rhythms of the Brain)</li> <li>• Winter/09 (Physiology of Music Emotion)</li> </ul>
2007-	Course Director	Applied and Translational Research Methods (PSY 8201), Toronto Met <ul style="list-style-type: none"> <li>• Winter/22</li> <li>• Winter/20</li> <li>• Fall/17</li> <li>• Fall/15</li> <li>• Fall13</li> <li>• Fall/11</li> <li>• Fall/09</li> <li>• Fall/08</li> <li>• Fall/07</li> </ul>
2006-2010	Instructor	Psychology of Thinking (PSY308), Toronto Met <ul style="list-style-type: none"> <li>• Fall/10</li> <li>• Winter/10</li> <li>• Winter/09</li> <li>• Winter/08</li> <li>• Winter/07</li> </ul>
2006-2008	Instructor	Psychology of Design (PSY 217), Toronto Met <ul style="list-style-type: none"> <li>• Fall/08</li> <li>• Fall/07</li> <li>• Fall/06</li> </ul>
2005	Co-Instructor	Music Perception and Cognition (PSY 371), University of Toronto

		<ul style="list-style-type: none"> <li>• Fall/05</li> </ul>
2004-2005	Instructor	Human Perception and Communication (CCT 202), University of Toronto <ul style="list-style-type: none"> <li>• Winter/06</li> <li>• Fall/04</li> </ul>
2002-2003	Curriculum Developer	Contract funded by GE-Canada to develop tech-focused curricula for Communication, Culture and Information Technology, University of Toronto
1998-1999	Instructor	Psychology of Music, Enrichment Studies, Queen's <ul style="list-style-type: none"> <li>• Summer/99</li> <li>• Summer/98</li> </ul>

### Other Teaching (Invited Classroom Lectures):

January 24, 2020	Episodic Memory, Human Memory, Psychology, Toronto Met (Invited by Todd Girard)
Oct 23, 2017	Music and Health Care, Faculty of Music, University of Toronto (Invited by Amy Clements-Cortes). Understanding the benefits of singing for health and well-being
Feb 6, 2017	Hospitality and Tourism Management, Ted Rogers School of Business, Toronto Met (Invited by Chris Gibbs). <i>Impact of sound and light on the retail experience.</i>
Sep 23, 2013	Hearing and Hearing Disorders, Psychology, University of Toronto at Mississauga (Invited by M. K. Pichora-Fuller). <i>Psychology of the Urban Soundscape.</i>
Sep 13, 2012	Selected Topics in Interior Design, Interior Design, Toronto Met (Invited by (Taymoore Balbaa). <i>Tactile and vibrotactile perception.</i>
Feb 11, 2011	Introduction to Audio Production and Technology, Ursula Franklin Academy, TDSB, Toronto (Invited by S. Bernstein). <i>Auditory Perception and Technology.</i>
Nov 17, 2010	Architecture, Music and Acoustics, 4 <sup>th</sup> Year Seminar, Faculty of Fine Arts (Invited by L. Korrick). <i>Psychology of Music.</i>
March 31, 2010	History of Psychology (Graduate), Toronto Met (Invited by W. Pickren) <i>Cognitivist and emotivist perspectives on emotion: The case of music.</i>
March 3, 2010	Professional Issues in Psychological Science (Graduate), Toronto Met (Invited by T. Burke). <i>Grantspersonship</i>
March 2, 2010	The Sensorium, 4 <sup>th</sup> Year Seminar, Faculty of Fine Arts, York (Invited by L. Korrick). <i>Music and the mind.</i>
Nov. 18, 2009	Hearing and Hearing Disorders, Psychology, University of Toronto at Mississauga (Invited by M. K. Pichora-Fuller). <i>Music, Hearing, and Hearing Loss.</i>
Oct. 29, 2008	Sensory and Perceptual Processes, Toronto Met (Invited by B. Dyson) <i>Multisensory Integration.</i>
Dec 5, 2005	Advanced Topics in Audition, Psychology, University of Toronto at Mississauga (Invited by M. K. Pichora-Fuller). <i>Music and Hearing Aids</i>

Oct 15, 2004	Music Perception and Cognition; Communication, Culture and Information Technology, University of Toronto at Mississauga (Invited by W.F. Thompson) <i>The Physics and Perception of Timbre</i>
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### Teaching Development and Distinctions

2019	Dean's Teaching Award, Faculty of Arts, <i>Toronto Met</i>
2007-	Annual Participation in Faculty Conference, <i>Toronto Met</i> , Learning and Teaching Office
1998-1999	Certificate Program in University Teaching and Learning, <i>Queen's University</i>
1997-1998	Teaching Assistant of the Year, Psychology, <i>Queen's University</i>

### Supervision of Graduate Students and Postdoctoral Fellows:

2022	Philosophy, Doctorate, Psyc	Kathryn Bolton (Comprehensive Committee)	
2022-	PostDoc / Research Associate	Chi Lo	
2022-2023	Master of Arts, Psyc.	Hannah Sparkes	
2021-2023	Master of Arts, Psyc.	Mahnoor Javed	
2020-2021	Philosophy, Doctorate, Psyc	Natalie Slavat (Comprehensive Committee)	Hearing loss and social support in aging: The relationship with dementia
2020	Philosophy, Doctorate, ComCult	Lauren Dwyer	Communication in Human-Robot Interaction/Human Computer Interaction
2020-2021	PostDoctoral Fellow	Maria Iankilevitch	Psychological approaches to hearing rehabilitation
2020-	PostDoctoral Fellow	Hannah Shatzer	Listening effort and emotional speech in people with and without hearing loss
2020-2022	PostDoctoral Fellow	Adiel Mallik	Testing an affect-based music selection algorithm
2019-2020	Philosophy Doctorate, Psyc	Danielle D'Amico	Can sexual activity modulate age-related cognitive decline?

		(Comprehensive Committee)	
2018-2020	Master of Arts, Psyc.	Narmada Umatheva (MA Co-Supervisor)	TBD
2019-	Philosophy Doctorate, Psyc	Zhara Vahedi (PhD Supervisory Committee)	Problematic Smartphone Use, Separation from Phone, and Stress
2019-2021	Master of Arts, Psyc.	Shruti Vyas (MA Supervisory Committee)	Infants' ability to recognize and respond to negative emotional expressions
2018-2020	Master of Arts, Psyc.	Liza Igoshina (MA Co-Supervisor)	The effect of airflow as a prophylaxis to visually induced motion sickness
2018-2020	Master of Arts, Psyc.	Carmen Dang (MA Supervisor)	The effect of brain stimulation on facial mimicry, mu-ERD and emotion perception
2018-2020	Master of Arts, Psyc.	Alex Pachete (MA Supervisor)	Effects of group singing on vocal control and social wellbeing in people living with Aphasia
2018-2020	PostDoctoral Fellow	Arla Good (PDF Supervisor)	SingWell: Understanding group singing in older adults from a biopsychosocial perspective
2018-	Philosophy Doctorate, Psyc	Sean Gilmore (PhD Supervisor)	TBD
2017-2018	Philosophy Doctorate, Psyc	Zhara Vahedi (PhD Comprehensive Committee)	Smartphones and the human stress response
2017-2018	Master of Arts, Psyc.	David Sumantry (MA Supervisory Committee)	Predictors of accent-based prejudice
2017	Master of Arts, Psyc.	David Sumantry (Practicum Supervisor)	Social and emotional attributions in accented English speech
2017-2021	Philosophy Doctorate, Psyc	Ella Dubinsky (PhD Supervisor)	Effects of singing on speech perception in noise in older adults with hearing aids
2016-2019	Post-Doctoral Fellow	Huiwen Goy (PDF Supervisor)	Improving signal processing in hearing aids to support music and emotional speech
2016-2019	Master of Rehab Sc., UT	Monique Tardif (MSc Supervisory Committee)	Does speech accommodation occur in response to speech disorders in conversation?

2016	Master of Arts, Digital Media	Aaron Appleby (Supervisory Committee)	Brand tune-up: Building value for brands through strategic sonic planning
2016-	Philosophy Doctorate, Psyc	Esztella Vezer (PhD Supervisor)	Emotional communication and mimicry in older adults
2016- 2018	Master of Arts, Psyc.	Sean Gilmore (MA Supervisor)	Vibrotactile beat entrainment
2015- 2017	Master of Arts, Psyc.	Ella Dubinsky (MA Supervisor)	Effects of singing on speech perception in noise in older adults with hearing loss
2014- 2015	Philosophy Doctorate, Tampere U. of Tech (Finland)	Thomas Barker (Internship Advisor)	Using EEG response to drive signal processing in hearing aids and digital audio workstations
2014- 2018	Philosophy Doctorate, Psyc	Gabriel Nespoli (PhD Supervisor)	The Neuroscience of Groove: Neural Mechanisms Marrying Music and Movement
2014- 2016	Master of Arts, Psyc.	Esztella Vezer (MA Supervisor)	Effects of choir singing on facial and vocal expressiveness in people living with Parkinson's disease
2013- 2014	Philosophy Doctorate, Psyc	Peter Wegier (Practicum Supervisor)	Age-related differences in GSR response to a gambling task
2013	Philosophy Doctorate, Psyc	Katlyn Peck (PhD Comprehensive Committee)	Music and Memory in Alzheimer's Disease and The Potential Underlying Mechanisms
2013- 2018	Philosophy Doctorate, Psyc	Katlyn Peck (PhD Supervisory Committee)	Effects of music on regulation of acute stress in older adults
2012- 2015	Philosophy Doctorate, ETH Zürich (Switzerland)	Martin Kirchberger (PhD Supervisor)	Functional hearing in music: Test development and application to signal processing in hearing aids
2012- 2014	Master of Arts, Psyc.	Gabriel Nespoli (MA Supervisor)	Musicianship and neural synchronization at multiple timescales
2012- 13	M.Eng., ICAM Toulouse (France)	Claire Delvit (Internship Advisor)	Babyvibe research and development
2011- 13	Master of Rehab Sc., UT	Nicole Durham (MSc Supervisory Committee)	Impact of negative vocal emotions on cognitive processing
2011- 2015	Philosophy Doctorate, Psyc.	Rajwant Sandhu (PhD Co- Supervisor)	Cross-modal selective attention. Impact of perceptual load and sensory degradation

2011-2014	Philosophy Doctorate, Psyc.	Lucille McGarry (PhD Supervisor)	Top-down and bottom-up influences on recruitment of the mirror neuron system during observation of intentional action
2015-16	Philosophy Doctorate, Psyc.	Jonathan Wilbiks (Practicum Supervisor)	Effects of vocal training in a musicophile with congenital amusia
2012-2016	Philosophy Doctorate, Psyc.	Jonathan Wilbiks (PhD Co-Supervisor)	The dynamics of audio-visual integration capacity as a function of environmental difficulty, stimulus factors, and experience
2013	Philosophy Doctorate, Psyc.	Rajwant Sandhu (Comprehensive Committee)	Audio-visual integration
2012-2014	Philosophy Doctorate, Psyc.	Rajwant Sandhu (PhD Co-Supervisor)	Individual differences in attention: Exploring the impact on multimodal integration
2011-2012	Philosophy Doctorate, Psyc.	Niusha Ghazban (Comprehensive Committee)	Synchrony in mother-infant social interactions: A review of prenatal, postnatal and risk conditions
2011-2012	Master of Arts, Psyc.	Nicole Sugden (MA Supervisory Committee)	Typical, daily exposure to faces documented from a first-person perspective.
2011-2012	Master of Arts, Psyc.	Jonathan Wilbiks (MA Supervisory Committee)	Audio-visual integration in localization
2010-2013	Philosophy Doctorate, Psyc.	Niusha Ghazban (PhD Co-Supervisor)	Emotion regulation in infants through maternal singing and speech
2011-2013	Master of Arts, Psyc.	Katlyn Peck (MA Supervisor)	Role of attractiveness in vocal mimicry
2011-2013	Master of Arts, Psyc.	Lisa Liskovoi (MA Supervisor)	Musical mood induction
2011-2015	Post-Doctoral Fellow	Steven Livingstone (PDF Supervisor)	Facial mimicry and emotional communication
2011-2016	Post-Doctoral Fellow	Paolo Ammirante (PDF Supervisor)	Enhancing perception of music in deaf and hard of hearing populations and ideomotor effects in pitch processing.
2011-2016	Philosophy Doctorate, Psyc.	Arla Good (PhD Supervisor)	The influence of song on group cohesion and prosocial behavior
2010-2016	Post-Doctoral Fellow	Naresh Vempala (PDF Supervisor)	Cognitively-Based Music Information Retrieval

2009-2012	Master of Arts, Psyc.	Rebecca Stein (MA Supervisory Committee)	The impact of synchronized tactile stimulation on joint attention in 11-month old infants
2009-2011	Master of Arts, Psyc.	Rajwant Sandhu (MA Supervisory Committee)	Multimodal Integration and Expertise
2009-2011	Master of Arts, Psyc.	Lucille McGarry (MA Supervisor)	Influence of movement on emotional response to music.
2009-2011	Master of Arts, Psyc.	Arla Good (MA Supervisor)	Efficacy of song in second-language instruction
2009-16	Philosophy Doctorate, Psyc.	Sarah Radtke (PhD Co Supervisor)	The allomothering hypothesis
2008-2010	Master of Arts, Psyc.	Kathleen Reynolds (MA Supervisory Committee)	Effect of changing alibi in court proceedings
2008-2010	Master of Arts, Psyc.	Karen Lau (MA Supervisory Committee)	Age-related differences in the survival recall advantage
2008-2011	Philosophy Doctorate, Psyc., Macquarie (Australia)	Paolo Ammirante (PhD Supervisory Committee; Adjunct Advisor)	Role of implied motion in melodic pitch perception
2008-2010	Master of Arts, Psyc.	Lisa Chan (MA Supervisor)	Role of facial mimicry in perception of vocal music
2008-2010	Master of Arts, Psyc.	Sami El-Sibaey (Practicum Supervisor)	Accuracy in self-assessment of musical competence
2007-2009	Master of Arts, Psyc.	Michael Maksimowski (MA Supervisor)	Feel the music: Crossmodal integration in music perception
2007-2009	Master of Arts, Psyc.	Gillian Sandstrom (MA Supervisor)	Musical valence and arousal in the undoing effect of positive emotions
2008-2009	Post-Doctoral Fellow	Yunfeng Wu (PDF Co Supervisor)	Classification of musically-induced emotion from electrophysiological signals
2007	Master of Arts, Psyc. (UT)	Lena Quinto (MA Supervisory Committee)	Audio-visual integration of phonemes in song
2006	Master of Arts, Psyc. (UT)	Donovon Ceaser (MA Supervisory Committee)	Visual influences on tonal perception



# **Supervision of Undergraduate Theses, Practica/Internships, and Independent Studies**

2023	Bachelor of Arts, Psyc, Toronto Met	Adam Badali (Practicum Supervisor)	
2023	Bachelor of Arts, Psyc, Toronto Met	Santhiya Purohit (Practicum Supervisor)	
2022	Bachelor of Arts, Psyc, Toronto Met	Lena Darakjian	Effects of cannabis on auditory experience
2021	Bachelor of Arts, Psyc, Toronto Met	Karla Kovacek (Thesis)	Dimensional validation of the RAVDESS
2020	Bachelor of Arts, Psyc, Toronto Met	Karla Kovacek (Practicum Supervisor)	Understanding listening effort with fNIRS
2020	Bachelor of Arts, Psyc, Toronto Met	Thalia Demas (Practicum Supervisor)	SingWell
2020	Bachelor of Arts, Psyc, Toronto Met	Aleksandra Maslocha (Practicum Supervisor)	SingWell
2018-2019	Bachelor of Science, Psyc, U. Surrey, UK	Emily Scholey (Co-supervisor)	Understanding the relationship between entrainment and motor coordination in a neurotypical population
2018-2019	Bachelor of Arts, Psyc, Amherst College	Phuong-Nghi Pham (Supervisor)	Fulbright Fellow: Multisensory perception of rhythm in Deaf/HOH
2018-2019	Bachelor of Arts, Psyc, Toronto Met	Emily Wood (BA Thesis Supervisor)	Exploring the relationship between musical training and speech-in-noise perception
2018-2019	Bachelor of Arts, Psyc, Toronto Met	Joseph Rovetti (BA Thesis Supervisor)	Functional Near-Infrared Spectroscopy as a Measure of Listening Effort in Hearing-Aided Older Adults
2018	Bachelor of Arts, Psyc., Toronto Met	Aria Khosravi (Practicum Supervisor)	Inhibitory devaluation of music
2017-18	Bachelor of Music. Swarthmore (US)	Rachel Hottle (Internship Supervisor)	Prosocial effects of joint music making
2017-18	Bachelor of Arts, Psyc., Surrey (UK)	Emma Scholey (Internship Supervisor)	Physiological responses to music in older adults with and without hearing loss

2017	Bachelor of Arts, Psyc., Toronto Met	Samantha Fogel (Practicum Supervisor)	Influence of phonemic content on perception of sung interval size
2017	Bachelor of Arts, Psyc., Toronto Met	Anh Nguyen (Practicum Supervisor)	Hearing loss database
2016- 17	Bachelor of Arts, Psyc., Toronto Met	Rebecca Nurgitz (BA Thesis Supervisor)	Hearing Difficulty and Cognitive Load: Using Optical Imaging to Measure Listening Effort
2016- 17	Bachelor of Arts, Psyc., Toronto Met	Domenica Fanelli (BA Thesis Supervisor)	Perception of Emotion in Music by Hearing-Impaired and Hearing- Aided Listeners
2016	Continuing Ed., Psyc., Chang School	Anthony Lomax (Independent Study Supervisor)	Preferred Levels of Pitch Correction on Pop Vocals
2015	Continuing Ed., Psyc., Chang School	Kyeong Won Sohn (Independent Study Supervisor)	Mechanisms of Emotion Regulation in Art and Music Therapy
2015- 2016	Bachelor of Arts, Psyc, York U.	Andrew Lauzon (BA Thesis Co- Supervisor)	Tracking the beat under auditory and vibrotactile conditions
2015- 2016	Bachelor of Arts, Psyc., Toronto Met	Fran Copelli (BA Thesis Supervisor)	Multimodal engagement of the mirror neuron system
2014- 2015	Bachelor of Arts, Psyc., Toronto Met	Saul Moshe-Steinberg (BA Thesis Supervisor)	Effects of choral singing on speech perception in noise
2014	Continuing Ed., Psyc., Chang School	Lisa Chisolm (Independent Study Supervisor)	Peripheral physiological measures in
2014- 15	Bachelor of Arts, Psyc., Toronto Met	Rachel MacPhail (Practicum Supervisor)	Pilot testing of new acting game to support emotional communication in Autism
2013- 14	Bachelor of Arts, Psyc., Toronto Met	Esztella Vezer (BA Thesis Supervisor)	Does a facial mimicry deficit contribute to emotion perception deficits observed in Parkinsonism
2012- 13	Bachelor of Arts, Psyc., Toronto Met	James McGrath (BA Thesis Supervisor)	Post-encoding effects of musical emotion on memory consolidation for text.
2012	Bachelor of Arts, Psyc., Toronto Met	Jessica Mitchell (Practicum Supervisor)	Toronto Sound Map Project (database and literature review)

2011-2012	Bachelor of Arts, Psyc., UT	Margaret Loong (Independent Study Supervisor)	Effects of meter on perception of sung lyrics
2011-2012	Bachelor of Arts, Psyc., Toronto Met	Christopher Lachine (BA Thesis Supervisor)	Individual differences in emotional response to popular music
2011-2012	Bachelor of Arts, Psyc., Toronto Met	T. Defrancesco-Loria (BA Thesis Supervisor)	Effects of the urban soundscape on the focus of visual attention.
2011-2012	Bachelor of Arts, Psyc., Toronto Met	T. Defrancesco-Loria (Practicum Supervisor)	Music perception
2010-2011	Continuing Ed., Psyc., Chang School	Michael Tward (Independent Study Supervisor)	Toronto Sound Map Project (pro-social behavior)
2010-2011	Bachelor of Arts, Psych., Toronto Met	Vanessa Corpuz (BA Thesis Supervisor)	Mimicry and the honest signal hypothesis
2009-2010	Bachelor of Arts, Psych., Toronto Met	Andrew Power (Practicum Supervisor)	Effects of reverberation on vocal recording in small rooms
2008	Continuing Ed., Psyc., Chang School	Hainan Huang (Independent Study Supervisor)	Psychophysiological correlates of perceived emotion in music
2008	Bachelor of Science, Oc. Public Health, Toronto Met	Zizhen Lu (Independent Study Supervisor)	Impact of the background noise on preferred sound levels in personal stereo players.
2005-2006	Bachelor of Arts, Psyc., UT	Lena Quinto (Thesis Supervisor)	Audio-visual integration of emotion in song
2005-2006	Bachelor of Arts, Psyc., UT	Susan Zhu (BA Thesis Supervisor)	Visual influences on perceived interval size
2005-2006	Bachelor of Arts, Psyc., UT	Dominique Vuvan (BA Thesis Co-Supervisor)	Phonemic influences on perceived interval size
2003	Bachelor of Arts, Psyc., UT	Elena Raznovan (Independent Study Co-Supervisor)	Qualitative Study of Speech In Noise
2002-2003	Bachelor of Arts, Psyc., Queen's	Deborah Windell (BA Thesis Co-	Children's acquisition of absolute pitch

		Supervisor)	
2001-2002	Bachelor of Arts, Psyc., Queen's	Tara Vongpaisal (BA Thesis Co-Supervisor)	Role of expectancy on processing difficulty
2000-2001	Bachelor of Arts, Psyc., Queen's	Jennifer Lee (BA Thesis Co-Supervisor)	Effect of high-level structure on the memory and cohesion.

**Supervision of Other Highly Qualified Personnel (not including volunteers):**

2021-2022	Research Assistant	Judy Sengsavang	
2021-2022	Research Assistant	Anne Cabildo	
2020-	Research Engineer	Michael Zara	
2019-2020	Undergraduate Research Assistant	Elizabeth Earle	Hearing Aid Choir Study
2018-	Research Coordinator	Kay Wright-Whyte	Research Coordination
2018-2020	Undergraduate Research Assistant	Karla Kovacek	Hearing Aid Choir Study
2018-2019	Undergraduate Research Assistant	Ifrah Zohair	Understanding Singing and Well-Being in Older Adults
2018-2019	Undergraduate Research Assistant	Mia Wallace	Understanding Singing and Well-Being in Older Adults
2017-18	NSERC USRA	Emily Wood	Influence of short-term vocal training on auditory brainstem response
2018	NSERC USRA	Joseph Rovetti	fNIRS and listening effort
2017	NSERC USRA	Joseph Rovetti	Auditory brainstem response and pitch perception
2016	High-School Co-op Student	Jessica Kwong	Research Project via the Foundation for Student Science & Technology
2016-	Lab Manager	Fran Copelli	Research Management
2015-16	Lab Manager	Monique Tardif	Research Management

2015-	Undergraduate Research Assistant	Domenica Fanelli	Choir research; Hearing aids and music emotion
2015-2016	Software Developer	Christine Murad	A dynamic emotion feedback system for music using audio, symbolic, and physiological features
2015-16	Undergraduate Research Assistant	Miruna Ioan	Choir research
2014-2015	Hearing Aid Technician	Heather Speakman	Optimizing hearing aids for speech intelligibility, sound quality and emotional speech
2013-	Lab Manager	James McGrath	Research Coordination
2014	NSERC USRA	Saul Moshe-Steinberg	Effect of hearing aid signal processing time on fidelity of the brainstem frequency-following response
2013	NSERC USRA	Deanna Choi (co-advisor)	Role of simulation in perception of emotion in speech and song.
2013-2015	Research Therapist	Laura Stinson	Singing Therapy for Parkinson's
2013-2015	Research Therapist	Mia Saadon	Singing Therapy for Parkinson's
2013	NSERC USRA	Eszteella Vezzer	Emotional modulation of mirror-neuron system activity
2012-2013	Lab Manager	Tristan Loria	
2012-2013	Undergraduate Research Assistant	Salma Shaikh	Musically based mood induction
2011-2014	Undergraduate Research Assistant	Emma Bortolon-Vettor	EEG Mu suppression in song perception
2011-	Undergraduate Research Assistant	Mayson Edell	Influence of mimicry in emotion understanding
2011-	Undergraduate Research Assistant	Mia Saadon	Influence of mimicry in emotion understanding
2011-2012	Software Developer	Adam Golding	Liquid loops project with waveDNA
2010-2011	Undergraduate Research Assistant	Julia Kim	Vibrotactile music perception in deaf listeners
2010-2011	NSERC USRA	Amy Kleynhans	Effects of corpus size on recognition of melodies
2010-2011	Undergraduate Research Assistant	Sanjay Pathmanathan	Toronto Sound Map Project

2010-	Research Assistant	Lisa Liskovoi	Advancing Interdisciplinary Research on Singing (SSHRC) & Include Project (GRAND, NCE)
2009-2010	Undergraduate Research Assistant	Maddie D'Agata	Investigating the Honest Signal Hypothesis
2010-2012	Undergraduate Research Assistant	James McGrath	Cognitively Based Music Information Retrieval; Toronto Sound Map
2009-	Undergraduate Technical Assistant	Walid Ibrahim	Development of audio-tactile vest for use with infants
2009-2012	Research Engineer	Alex Andrews	Development of audio-tactile vest for use with infants; Signal Processing
2009	Undergraduate Research Assistant	Jahnvi Ramakrishnan	Development of database to assess induction of negative emotion with music
2008-2011	Undergraduate Research Assistant	Christopher Lachine	Tracking emotional response to music; Toronto Sound Map project
2008-2010	Undergraduate Research Assistant	Kathleen Suarez-Mason	Emoti-chair usability studies; Toronto Sound Map
2008-2009	Undergraduate Research Assistant	Krystian Wilk	Emoti-chair usability studies
2008	Undergraduate Research Assistant	Pedro Rego	Emoti-chair usability studies
2007-2010	Lab Manager	Gaberiel Nespoli	Coordinated projects and technology
2007	Undergraduate Research Assistant	Naomi Sklar	Audio-visual integration in perception of music.
2007-2008	NSERC USRA	Ahlexxi Jelen	Audio-visual integration in perception of sung music.
2006	Undergraduate Research Assistant	Madhu Pinto	Use of assistive technology in music production.
2006	Research Associate	Sina Fallah	Effects of the sound environment on conversational speech.
2005-2006	Undergraduate Research Assistant	Ramona Rouhani	Visual aspects of perceived interval size
2005-2006	Undergraduate Research Assistant	Deepa Tailor	Visual aspects of perceived tonality
2005-2007	Undergraduate Research Assistant	Helen Hannah Lee	Audio-visual integration in perception of sung music.

2005-2007	Technical Assistant	Dmitri Tcherbadji	Visual tracking of head and facial animation in song.
2004-2005	Technical Assistant	Vladimir Kosarev	Interval perception
2003	Undergraduate Research Assistant	Daniel Lai	Age-related differences in listening to speech in music

### Examination of Graduate Theses (Non-supervisory contribution)

2020	PhD Aarhus, DK	Stine Derdau Sørensen (External Examiner)	How musical are children?
2018	MScM	Alison Whiting (Exam Committee)	Elements of Caption Quality: Determining the priority of qualitative closed caption elements
2017	PhD, Psyc, McMaster	Kathleen Einarson (External Examiner)	Beat perception and synchronization abilities in young children
2016	MSc, Physics, Toronto Met	Joshua Lee (External Examiner)	Simultaneous Near Infrared Spectroscopy and Electroencephalography: A prospective screening tool
2016	PhD, Psyc., Dalhousie	Cindy Hamon-Hill (External Examiner)	Investigating a facilitative effect of mimicry on situated emotion recognition in naturalistic facial expressions
2016	PhD, Info. Studies, McGill	David Weigl (External Examiner)	Rhythmic information as a relevance criterion for Music Information Retrieval
2016	MSc, Comp.Sc., Toronto Met	Somang Nam (Exam Committee)	Designing and evaluating a composition software interface with vibrotactile notation system
2016	PhD, Rehab. Sciences, Ottawa	Rida AlOsman (External Examiner)	A study of auditory speech processing using brainstem evoked responses under effects of perceptual auditory stressors
2016	MA, Psyc, Toronto Met	Erika Sparrow (Exam Committee)	Giving vs. losing: Age differences in decisions about charitable donations
2016	MA, Psyc, Toronto Met	Leslie Zannella (Exam Committee)	Take the plea: Factors that influence innocent individuals to accept plea bargains.
2016	PhD, Planning, Waterloo	Sarah Brown (Comprehensive Committee)	Savanna soundscapes: Linking acoustic preference to evolutionary theory
2014	MSc, Comp. Sc., Toronto Met	Joseph Moscatiello (Exam Committee)	Designing and evaluating a system for the effective analysis of sign language video

2014	PhD, Psyc., York	Linda Moradzadeh (External Examiner)	The association between musical training, bilingualism, and executive function
2014	MA, Psyc., Toronto Met	Sara Jaffer (Exam Committee)	Children's trust in the testimony of physically disabled or obese individuals
2013	MSc, Rehab. Science, UT	Namita Multani (Exam Committee)	Processing of emotions in speech in healthy older and young adults
2013	MSc, Comp. Sc., Toronto Met	Michael Pouris (Exam Committee)	Designing, implementing and evaluating a cross-modal sensory substitution system for the effective communication of the emotional and informative aspects of music.
2013	MSc, Comp. Sc., Toronto Met	Sai Chaitanya Cherukumilli (Exam Committee)	Designing and evaluating an interface for the composition of vibro-tactile patterns using gestures.
2012	MSc, Comp. Sc., Toronto Met	Quoc Vy (Exam Committee)	Enhanced captioning: Speaker identification using graphical and text-based identifiers
2011	MA, PSyc., Toronto Met	Andrea Woznica (Exam Committee)	35% CO <sub>2</sub> Reactivity in a bulimia nervosa sample
2009	MSc, Psyc., WLU	Christina Shepherd (External Examiner)	Effect of response complexity on task-switching behaviour
2009	MA, Psyc., Toronto Met	Sarah Radtke (Exam Committee)	Human female mating strategies: Evolutionary explanations and fluidity
2008	MScM, Toronto Met	Carmen Branje (Exam Committee)	Live Describe: Can amateurs create quality video description
2007	MSc, Psyc., WLU	Michelle Jarick (External Examiner)	Audio-visual speech perception: A speech production approach

#### Departmental, Faculty and University Service:

2022	Chair	Nominations Committee, Society for Music Perception and Cognition
2021	Member	Faculty Awards Committee, Faculty of Arts, Toronto Met
2021-	Member	NSERC Vanier and CGS-D Awards Committee, Toronto Met
2020	Member	Advisory Group, COVID-19 Safe Return to Research, Office of the Vice-President, Research & Innovation, Toronto Met
2019-21	Member	Psychological Science Program Committee
2019-20	Member	Undergraduate Curriculum Committee



2018-19	Member	NSERC Student Awards Committee, Yeates School of Graduate Studies, Toronto Met
2018-19	Member	Departmental Hiring Committee, Psychology, Toronto Met
2017-18	Member	Psychological Science Program Committee
2016-17	Member	Admissions Committee, Social Venture Zone, Toronto Met
2015-	Curriculum Coordinator	50+ Program, Chang School
2015-	Coordinator	Science Rendezvous, Psychology, Toronto Met
2015-16	Member	Departmental Evaluation Committee, Toronto Met
2015-16	Member	Departmental Chair Search Committee, Psychology, Toronto Met
2015-17	Member	NSERC Scholarship Committee (Graduate), Toronto Met
2013-15	Member	Psychological Science Program Committee, Toronto Met
2013-18	Member	Stress Institute Committee, Psychology, Toronto Met
2013-14	Member	Graduate Selection Committee, NSERC CGS, Toronto Met
2013	Member	Faculty of Arts, Awards Committee, Toronto Met
2012	Acting Chair	Various Dates; Psychology, Toronto Met
2011	Member	Faculty of Arts, Promotion Committee, Toronto Met
2011	Member	Search Committee, Chair of Psychology, Toronto Met
2010-2011	Member	Search Committee, Vice President of Research and Innovation, Toronto Met
2010	Acting Chair	Various Dates; Psychology, Toronto Met
2010-	Member	Stress Institute Governance Committee, Toronto Met
2010-2011	Member	Equipment and Lab Space Committee, Psychology, Toronto Met
2010-2012	Member	Departmental Appointments Committee, Psychology, Toronto Met
2010	Faculty Representative	Ontario Universities Fair, Arts, Toronto Met
2010-2011	Teaching Mentor	Senate Learning and Teaching Committee
2009-	Chair	Psychological Science Program Committee, Psychology, Toronto Met
2009-	Member	Graduate Admissions Committee, Psychology, Toronto Met

2009	Faculty Representative	Ontario Universities Fair, Arts, Toronto Met
2009-	Member	Technician Consulting Committee (Ad hoc), Psychology, Toronto Met
2008-09	Faculty Representative	Society for Psychological Science Students, Psychology, Toronto Met
2009-12	Member	NSERC Undergraduate Student Research Awards Committee, Toronto Met
2008	Acting Chair	Various Dates; Psychology, Toronto Met
2008	Acting Chair	Graduate Evaluation Committee (October 18-27): Graduate Program, Psychology, Toronto Met
2008	Faculty Representative	Ontario Universities Fair, Arts, Toronto Met
2008-09	Member	Psychological Science Curriculum Committee, Psychology, Toronto Met
2008-09	Member	Professional Development and Communications Committee, Psychology, Toronto Met
2008	Coordinator	Brain, Perception and Cognition Research Group, Psychology, Toronto Met
2008	Discussant	Possibilities Fair, Toronto Met
2008	Acting Chair	March 7 to 9. Psychology, Toronto Met
2007-08	Chair	Psychological Science Curriculum Committee, Psychology, Toronto Met
2007-08	Member	Graduate Admissions and Evaluation Committee Psychology, Toronto Met
2007	Faculty Representative	Ontario Universities Fair, Arts, Toronto Met
2007	Member	GTA Student Conference Organizing Committee, Psychology, Toronto Met
2006-07	Member	Space and Equipment Committee, Psychology, Toronto Met
2006-	Founding Member	Centre for Interdisciplinary Human Factors Research, Toronto Met
2006	Faculty Representative	Ontario Universities Fair, Arts, Toronto Met
2006-07	Member	Graduate Committee, Department of Psychology, Toronto Met; Development of OCGS Proposal for New Graduate Program, Psychology, Toronto Met

2003-05	Post-Doctoral Representative	Council, Appointed by VP of Research as post-doctoral representative, University of Toronto at Mississauga
1997-00	Member	Senate sub-committee for Performing Arts, Queen's
1997-99	Member	Senate Committee for Fine Arts and Public Lectures, Queen's
1997-98	Grad Student Representative	Departmental Committee, Psychology, Queen's
1997-98	Member	Senate Committee for Scholar-Centred Computing, Queen's
1996-97	Member	Graduate Student Society Committee for Income-Contingent Loan Repayment, Queen's
1995-97	Grad Student Representative	Senate Committee for Information Technology, Queen's
1995-1997	Departmental Representative	Graduate Student Society, Queen's
1991-92	Undergraduate Student Advisor	Academic Affairs, York
1990-92	Undergraduate Representative	Faculty of Arts Council, York

### Professional and Community Service:

2022-24	Advisory Committee	E-Mental Health Strategy for Canada, Mental Health Commission of Canada
2022	Nominations Committee Chair	Society for Music Perception and Cognition
2022	Meet the Editors Panel	Music Perception; at Society for Music Perception and Cognition, Portland, OR (USA)
2022	External Promotion Evaluation	Undisclosed Institution (Canada)
2022	External Promotion Evaluation	Undisclosed University (USA)
2020	Chair	Mid-Career Award Selection Committee, Canadian Society for Brain Behavior and Cognitive Science (Canada)
2020	External Tenure and Promotion Evaluation	Undisclosed University (USA)
2020	Think Tank Member	Music and Brain Health, Global Council on Brain Health (AARP)

2019	External Tenure and Promotion Evaluation	Undisclosed University (CAN)
2019	Co-Organizer	Cognitively Based Music Information Retrieval (CogMIR) Seminar, Brooklyn College, NY, NY
2019-21	Member-at-Large	Board of Directors, Canadian Society for Brain, Behaviour, and Cognitive Science (CSBBCS)
2018	Nominating Committee	Society for Music Perception and Cognition (SMPC)
2018	External Tenure and Promotion Evaluation	Undisclosed University (UK)
2018	External Tenure and Promotion Evaluation	Undisclosed University (USA)
2018	Scientific Review Board	3rd Conference of the Australian Music & Psychology Society (AMPS) incorporating the 5th International Conference on Music and Emotion
2017	Scientific Review Board	Society for Music Perception and Cognition (SMPC)
2017	External Promotion Evaluation	Undisclosed University (India)
2016	Board Member and Co-Founder	Singing with Parkinson's
2016	Session Co-Chair	Sounds of Emotion, Acoustics Week in Canada, Vancouver, BC
2016	Session Chair	Extra-musical benefits of music training, World Congress of Audiology, Vancouver, BC
2016	External Tenure and Promotion Evaluation	Undisclosed University (Ontario) x 2
2016	Co-Organizer	Cognitively Based Music Information Retrieval (CogMIR) Seminar, Columbia University, New York, NY
2016	Scientific Review Board	World Congress of Audiology
2016	Session Chair	Acoustics and Psychophysics, Society for Music Perception and Cognition
2015	Scientific Review Board	Canadian Psychological Association Annual Congress, Brain and Cognitive Science Section
2015	Judge	Research Day, Toronto Rehabilitation Institute
2015	Program Committee	2 <sup>nd</sup> Conference of the Australian Music and Psychology Society
2015	Session Chair, Psych. Acoustics	Acoustics Week in Canada. Halifax, N.S.
2015	External Tenure and Promotion Evaluation	Two Separate Candidates at Undisclosed Universities (Ontario)

2015	Co-Organizer	Cognitively Based Music Information Retrieval (CogMIR) Seminar, Toronto Met, Toronto, ON
2015	Scientific Review Board	16th International Society for Music Information Retrieval Conference
2014-2015	Scientific Review Board	Society for Music Perception and Cognition (2015), Vanderbilt University, Nashville, TN
2014-2015	Scientific Review Board	CPA Section on Brain and Cognitive Sciences
2014	Co-Organizer	Cognitively Based Music Information Retrieval (CogMIR) Seminar, Toronto Met, Toronto, ON
2014	Session Chair, Psych. Acoustics	Acoustics Week in Canada. Halifax, N.S.
2014	External Tenure and Promotion Evaluation	Undisclosed University (Ontario)
2014	Session Chair	Emotion Session, Canadian Society for Brain Behaviour and Cognitive Science, Toronto Met
2014	Scientific Review Board	Hebb Student Award Committee, CSBBCS
2014	Scientific Advisory Board	International Congress for Music Perception and Cognition, Seoul, Korea (2014)
2013-2017	President	Canadian Acoustical Association
2013	Co-Organizer	Cognitively Based Music Information Retrieval (CogMIR) Seminar, Toronto Met, Toronto, ON
2013-	Scientific Program Committee	Midwestern Music Cognition Symposium. Ohio State University (2013)
2012-2013	Local Chair	Fifth annual meeting of Advancing Interdisciplinary Research in Singing (2013), Toronto, ON
2012	External Tenure and Promotion Evaluation	Undisclosed University (Ontario)
2012-2013	ISO Committee Member	International Organization for Standardization (in preparation) Acoustics – Soundscape (TC43/SC1)
2012-2013	Conference Chair	Society for Music Perception and Cognition (2013), Toronto Met, Toronto, ON
2012	Co-Organizer	Cognitively Based Music Information Retrieval (CogMIR) Seminar, Toronto Met, Toronto, ON
2012	Session Chair	Emotion Session, Canadian Society for Brain Behaviour and Cognitive Science, Queen's Univeristy
2012	Session Chair	Musical Acoustics. Acoustics Week in Canada, Banff, Canada
2011-2012	Scientific Program Committee	International Conference for Music Perception and Cognition (2012), Thessaloniki, Greece

2011	Session Co-Chair	Multimodal models of music performance. International Symposium on Performance Science, Toronto, ON
2011	Symposium Chair and Discussant	A Major Collaborative Research Initiative on Singing: Focus on performance. International Symposium on Performance Science, Toronto, ON
2011	Session Chair	Science of Singing. International Symposium on Performance Science, Toronto, ON
2011	Session Chair	Cognition Session. Canadian Society for Brain, Behaviour, and Cognitive Science
2011	Co-Organizer	Cognitively Based Music Information Retrieval (CogMIR) Seminar, Toronto Met, Toronto, ON
2011	Judge	Canada Wide Science Fair, National Finals, Toronto, ON
2010-2013	Cartographer	Coordinator of Music Cognition Labs Google Map, Society for Music Perception and Cognition
2010-2011	Election Nomination Committee Chair	Society for Music Perception and Cognition
2010-2011	Scientific Program Committee	Society for Music Perception and Cognition (2011), Eastman School of Music, Rochester, New York
2010	Session Chair	Soundscapes, Acoustics Week in Canada, Canadian Acoustical Association, Victoria, British Columbia
2010	Session Chair	Musical Acoustics, Acoustics Week in Canada, Canadian Acoustical Association, Victoria, British Columbia
2010-2011	Scientific Program Committee	International Symposium on Performance Science, Toronto, Ontario
2010-2012	Board of Directors	Society for Music Perception and Cognition (Member-at-Large)
2009-2010	Scientific Program Committee	International Conference for Music Perception and Cognition, University of Washington, Seattle, Washington
2009	Session Chair	Music Perception Session, Acoustics Week in Canada, Canadian Acoustical Association, Niagara-on-the-Lake, Ontario
2009	Session Chair	Pitch Perception Session, Society for Music Perception and Cognition, Indianapolis, Indiana
2009	Scientific Program Committee	IEEE TIC Science and Technology for Humanity Conference: Symposium on Human Factors
2009-2016	Member	Executive and Steering Committees, Advancing Interdisciplinary Research in Singing, SSHRC MCRI
2008-2009	Scientific Program Chair	Acoustics Week in Canada, Canadian Acoustical Association, Niagara-on-the-Lake, Ontario
2008-2009	Scientific Program Committee	Society for Music Perception and Cognition Conference, Indianapolis, Indiana

2008-2012	Member	International Ergonomics Association, Auditory Ergonomics Technical Committee
2008-2012	Awards Coordinator	Canadian Acoustical Association
2007-2012	Board of Directors	Canadian Acoustical Association
2007	Session Chair	Hearing Sciences, Acoustics Week in Canada: Meeting of the Canadian Acoustical Association, Montreal, Quebec
2005	Registrar	Society for Music Perception and Cognition Conference, Neurosciences Institute, San Diego, California
2004	Session Chair	Pitch Perception Session, International Conference on Music Perception and Cognition, Northwestern, Chicago
2002-2003	Scientific Program, Assistant Chair	Society for Music Perception and Cognition Conference, UNLV, Las Vegas, Nevada
2003	Session Chair	Timbre Session, Society for Music Perception and Cognition, Las Vegas, Nevada
2003	Representative (Post Docs)	First Annual Meeting of Strategic Programs, Canadian Institute of Health Research, Toronto, ON
2001	Student Member of Local Organizing Committee	Program Layout and Technical Support: Meeting of the Society for Music Perception and Cognition, Queen's University
2000	Student Representative	SMPC Information Kiosk: Musical Intersections Conference, Toronto, Ontario

#### Non-Academic Professional Activity:

2021-22	Scientific Advisor	NeonMind <a href="https://neonmindbiosciences.com">https://neonmindbiosciences.com</a>
2019-	Scientific Advisor	ImmersX <a href="https://immersx.co">https://immersx.co</a>
2018-	Chief Science Officer	LUCID <a href="https://www.thelucidproject.ca">https://www.thelucidproject.ca</a>
2017-	Co-Founder and Board Member	Singing with Parkinson's: Registered non-profit/charity (previously Parkinson's Choir) <a href="http://singingwithparkinsons.com">http://singingwithparkinsons.com</a>
2016-	Co-Founder, Chief Science Officer	Emoteplay: Producer of "Big Break: The Acting Game" <a href="http://emoteplay.com">http://emoteplay.com</a>
2015-19	Advisory Board	Next Integrative Minds Life Sciences Ltd. <a href="https://www.nextltd.com">https://www.nextltd.com</a>
2009-15	Scientific Advisor	Centre for Music Education and Cognition <a href="https://www.linkedin.com/company/centre-for-music-education-&amp;-cognition/about/">https://www.linkedin.com/company/centre-for-music-education-&amp;-cognition/about/</a>
2006-12	Scientific Advisor	WaveDNA

		<a href="https://www.wavedna.com">https://www.wavedna.com</a>
2004-2005	Consultant	U.S. Department of Transportation, Volpe National Transportation Systems Center, Boston, USA
2001-2004	Research Associate	Transys Research, Kingston, Canada
1991-1993	Psychiatric Social Worker	Canadian Mental Health Association
1987-1990	Co-Founder and Co-Director	Soft Express (software mail order and e-commerce; customization of inventory control software)

### Public Outreach:

July 3, 2019	Get the most out of your hearing aids	Information session for hearing aid users to learn about optimizing use of devices and the latest R&D in hearing aids.
2017-	Big Break: Singing and Drama Camp	Design and coordination of summer camp in collaboration with Geneva Centre to support emotional communication in teens with Autism
June 28, 2017	Spring Celebration	Concert and discussion of research featuring 50+ choir
May 13, 2017	Mind Games, Science Rendezvous	Coordination of Exhibits for Psychology, Dundas Square
May 8, 2016	Mind Games, Science Rendezvous	Coordination of Exhibits for Psychology, Dundas Square
December 13, 2015	Cookies and Carols	Holiday concert featuring research-based choirs (Parkinson's and 50+)
November 7, 2015	Sonic Magic	Panel discussant for world premiere of CBC documentary on the Science of Sound. Ontario Science Centre.
September 11, 2015	Parkinsons Choir Concert and Fundraiser	Coordinated fundraising event for community-based choir that was based on lab research. 100+ attendees.
June 3, 2015	50+ Festival: SMARTLab Singers	Coordinated panel and performance re: age-related hearing loss and music activity.
May 9, 2015	Mind Games, Science Rendezvous	Coordination of Exhibits for Psychology
Apr 16, 2015	World Voice Day: SMARTLab Singers	Inaugural public performance of choir established to mitigate age-related hearing loss.
April 9, 2015	Journalism in a Distracter World: Panelist for Live Online Chat	Discussion on journalism in an age of smartphones, social media and speedy responses



June 16-17, 2014	Nuit Blanche, London, ON	VibraFusionLab (Emoti-chair) demo at Museum London with CLT and David Bobier
June 11 – October 26, 2014	Ontario Science Centre	Consultation for The Science of Rock 'N' Roll exhibition.
May 10, 2014	Science Rendezvous	Neural Oscillations Exhibit
May 11, 2013	Science Rendezvous	Discovering the Urban Soundscape
May 14-16, 2012	OCE Discovery 2012, Metro Convention Centre Toronto	Baby-vibe and Emoti-chair. Innovation exhibit sponsored by Ontario Centres of Excellence as Part of Advanced Health Showcase
May 12, 2012	Science Rendezvous	Discovering the Urban Soundscape
May 8, 2012	Toronto Met International Foreign Universities Tour	Emoti-Chair Demo
March 22, 2012	Art Showcase and Music Recital, 627 Queen St. W.	Fundraiser and talent showcase featuring students from our children with cochlear implant music training study
Feb 27-29, 2012	Vibrotactile Weekend	Public workshop at the UnLab, Western University
April 28, 2011	Royal Canadian Institute (RCI) for the Advancement of Science	Invited Table Host at Annual Gala
May 9-27, 2011	Lunar Vibrations: A Blind/Deaf Collaboration. Glasgow, Scotland	Exhibition of long-listed entry for the Helen Keller International Award (with Artists Maayke Schurer, Wanda Diaz Merced, and Gwen Dobie)
May 7, 2011	Science Rendezvous Toronto, ON	The Toronto Sound Map
Feb 17, 2011	Pimp my school: A gig for the kids	Benefit concert featuring the Emoti-chair to support renovation of a schoolhouse in Puerto Lopez (Ecuador).
Nov 11, 2010	Vibe arm-rest demonstration. Toronto, ON	Ontario Science Centre. Part of TEDx-IBYORK
Oct 2, 2010	VIBES! Feel it! Nuit Blanche, Toronto, ON	Deaf Culture Centre, SMART lab and CLT produce vibe concert featuring collaboration between deaf and hearing artists.
Aug 25, 2010	"Live at the Lab" Toronto Met, Toronto, ON	A concert/experiment featuring the 'Dufraines' exploring sound quality in recordings made with and without a studio audience.
June 14, 2010	Regent College, UBC, Vancouver, Canada	Opera Concert for the Deaf and Hard of Hearing
May, 2010	Mayfest: Deaf Awareness/Cultural event	Emoti-chair exhibition

	Toronto, ON	
May 15, 2010	OCE Discovery 2010, Toronto, ON	Emoti-chair demo. Innovation exhibit sponsored by Ontario Centres of Excellence
May 8, 2010	Science Rendezvous Toronto, ON	Music and Emotion
May 1, 2010	Indigo Bookstore, Eaton Centre, Toronto, ON	Science Rendezvous Promo Event featuring Emoti-Chair
Apr 10-15, 2010	International Conference on Advances in Computer-Human Interactions. Atlanta, Georgia	Emoti-chair as part of the CHI media showcase
Mar 13, 2010	Organic Evolution, Toronto, ON	Public concert featuring new musical instruments and interfaces
Mar, 2010 – Mar, 2011	Deaf Culture Centre, Toronto, ON	Interactive vibe-arm installation: Innovation Exhibition (over 12,000 visitors)
Nov, 2009 -	Rumball Centre for the Deaf, Toronto, ON	Interactive emoti-chair installation
Oct 24, 2009	X Avant New Music Festival, Music Gallery, Toronto, ON	Concert with Array Music at the Music Cathedral featuring world premiere of vibro-tactile compositions for Emoti-chair
Oct 15, 2009	Canadian Acoustical Association, Niagara-on-the-Lake, Canada	Emoti-chair demonstration featuring Straight-No-Chaser (Jazz Quintet)
Sep 24, 2009	Simcoe Muskoka Deaf Access Centre, Barrie, Canada	Emoti-chair demonstration and Presentation at the Annual General Meeting
Aug 4, 2009	Yonge-Dundas Square, Toronto, ON	Emoti-chair demonstration; “Movies in the Square” featuring Cast Away (20 <sup>th</sup> Century Fox)
July, 2009 -	Side-Show Café, 1300 Gerrard Street E., Toronto, ON	Permanent emoti-chair installation
Jun 8-9, 2009	Canada 3.0 (Defining Canada’s Digital Future), Stratford, Canada	Invited exhibition
May 23, 2009	Rumball Centre for the Deaf, Toronto, ON	Invited to participate as part of the Centre’s Doors Open Toronto Exhibition
May 20, 2009	Yonge-Dundas Square, Toronto, ON	Concert demonstration; “Serenades in the Square” featuring Jason Padaja (Pop)
May 13, 2009	Yonge-Dundas Square, Toronto, ON	Concert demonstration; “Serenades in the Square” featuring Alejandra Ribera (Alt-Pop)
May 6, 2009	Yonge-Dundas Square, Toronto, ON	Concert demonstration; “Serenades in the Square” featuring Shannon Butcher (Pop/Jazz)

Mar 25, 2009	Helen Keller Centre, Toronto, ON	Invited demonstration
Mar 5, 2009	Clinton's Tavern, Toronto, ON	World's first rock concert accessible to the deaf and hard of hearing
Oct 9, 2008	Ontario Science Centre, Toronto, ON	"Feel the Music." Public launch of the emoti- chair with remarks from VP Research & Innovation and President (Toronto Met)
Sep, 2008 – Feb, 2009	Ontario Science Centre, Toronto, ON	Emoti-chair used as part of multimedia exhibit: "On Thin Ice"
Apr 29-30, 2008	Rumball Centre for the Deaf, Toronto, ON	Invited demonstration
Feb 21, 2008	Multi-modal Art Expo, v2, Rotterdam, Netherlands	Invited exhibition

### Popular media coverage:

March, 2022	Multiple outlets (CNET, Daily Beast, Science Daily, MedicalXpress, Eureka Alert, etc...)	Over 70 news stories featuring paper published in PLOS ONE: "The effects of music & auditory beat stimulation on anxiety: A randomized clinical trial"
Feb 25, 2021	Ryersonian	<a href="#">Ryerson Professor to lead music-based development program with psychedelic research</a> . Story by Nabeeha Baig.
April 22, 2020	Zoomer	<a href="#">Good Vibrations: Could Doctors Prescribe Music Like a Drug?</a> Story by Carolyn Abraham
Nov 9, 2019	Globe and Mail	<a href="#">Living in a world without sound</a> . Story by Dene Moore
May 15, 2019	She does the city (Web)	<a href="#">Feel it: How Toronto is shaping accessibility, music and the future of sound</a> . Story by Tiffany Thompson
December 23, 2018	Global News National	<a href="#">Here's why this Canadian psychologist wants you to sing along this holiday</a> . Interview by Jane Girster
December 17, 2018	Association for Psychological Science	<a href="#">Why it's healthy to sing this holiday season</a> . Online article.
December 11, 2018	CTV News	<a href="#">The impact of singing on Parkinson's</a> . CTV News Winnipeg. Story featuring SingWell project and UTunes Parkinson's.
December 11, 2018	CBC Radio 1 Here and Now	<a href="#">SingWell Canada project studies biopsychosocial impact of group singing</a> . Radio interview.
December 10, 2018	CTV News	<a href="#">Carolling can be good for your health</a> . Television interview.

December 10, 2018	Globe and Mail, Front page feature	<a href="#">Why it's healthy to sing this holiday season.</a> Print interview.
September 16, 2017	CBC Radio 1 Sunday Edition Documentary	The power of singing. Featuring our 50+ choir research.
August 17, 2017	Ontario Research Matters	<a href="#">Using music to improve hearing, build social connection.</a> Featuring our 50+ choir research.
July 20, 2017	Healthy Hearing	<a href="#">Music and better hearing: What's the Connection.</a> Featuring our 50+ choir research.
May 31, 2017	National Public Radio	<a href="#">Like a brain bootcamp: Using music to ease hearing loss.</a> Featuring our 50+ choir research.
July 27, 2016	TVO	<a href="#">The Science of Tone Deafness.</a> Episode of the Agenda
May 22, 2016	Globe and Mail	Can anyone learn to sing? Article on Falconer's book "Bad Singer" describes Emoti-chair and our research on non-auditory aspects of music.
February 15, 2016	Global Television News	Toronto city council reviews acceptable noise levels. Interview with Tom Hayes.
November 17, 2015	RadioMD	The effects of music on the brain and body. Radio Interview by Melanie Cole.
November 3, 2015	Yahoo Health	What's Happening in Your Brain and Body as You Listen to Music. Web story by Melissa Bykofsky.
September 14, 2015	CBC National News (Television)	Parkinson's Choir may help "masked face syndrome" Story by Marijka Hurko and interview with Vic Adhopia
October 2, 2015	Click on Detroit	<i>Choir helps Parkinson's patients regain critical skill.</i> TV News story.
June 25, 2015	CTV National News (Television)	<i>Strengthening voices: Using singing to combat Parkinson's.</i> Story on our Parkinson's choir by Janice Golding.
June 4, 2015	CBC Radio1	Interview on Metro Morning with Matt Galloway on our Parkinsons Choir.
March 27, 2015	Orion   Big Ideas	<i>Unlocking the mysteries of music.</i> Story on development of emotion feedback technology with WaveDNA.
August 20, 2014	Yonge Street	<i>New therapies are helping children with autism overcome sensory barriers.</i> Story by Tiffy Thompson.
July 9, 2014	PBS NOVA NEXT	<i>Music for your skin. Story on feeling sound and the Emoti-chair.</i> Story by Sujata Gupta.
July 8, 2014	Ottawa Magazine	<i>The pills, thrills, and chills of an MDMA trip.</i> Interaction of music and drugs at raves. Story by David Meffe.
May 6, 2014	CBC Radio	<i>The ballad of tin ears.</i> Radio documentary (Ideas) produced by Tim Falconer.

January 15, 2014	University Affairs	<i>How music affects the brain; Canadian researchers lead the way in understanding the neurological, psychological and cognitive basis of music.</i> Story by Jacob Berkowitz.
December 10, 2013	CBC Music Roundup (online feature)	<i>Five classical music innovations, from Google Glass to Emoti-Chair.</i> Story by Michael Morreale.
September 1, 2013	Maclean's Magazine	<i>Let the Rhythm take Control. Article in Special Edition of Maclean's Magazine entitled the New Brain (with accompanying eBook).</i> Story by Carolyn Abraham featuring lab's work on Singing with Parkinson's. Honorable mention: National Magazine Awards
August 9, 2013	CBC Radio	<i>Scientists taking new interest in music.</i> Interview with Mary Ito discussing the SMPC2013 meeting at Toronto Met and the impact of music cognition research.
April 1, 2013	United Observer	<i>Sweet Soul Music.</i> Interview on health benefits of singing by Vivien Fellegi
March 25, 2013	CTV NEWS (National)	<i>Brain hijacked by catchy songs.</i> Interview with Todd van der Heyden considers why songs sometime hijack short term memory, produced by Erica Igreja
February 14, 2013	What's up Yukon	<i>Rekindling a passion for culture.</i> Story by By Martin Morberg on Arla Good's community-based research study in Pelly Crossing.
January 22, 2013	The GRID	<i>Nursing home confidential.</i> Profiles research on benefits of singing for older adults with neurodegenerative disorders.
December 29, 2012	CBC News (The National)	<i>Music therapy offers hope for Alzheimer's; Parkinson's Patients with cognitive impairment benefit from singing.</i> Reporting by Kim Brunhuber and Production by Marijka Hurko
December 10, 2012	CBC Radio 1	<i>Creating identity through traditional song and dance in Pelly Crossing (Yukon).</i> Interview with Arla Good on her community-based research project.
September 27, 2012	The Synapse Magazine	<i>Frontiers of Cross-Modal Display: The Emoti-Chair as a Model Human Cochlea.</i> Article on our vibrotactile work by Adrian Jewell.
August 14, 2012	Breakthru Radio	<i>Songs for the Deaf: A word with Frank Russo.</i> Interview by Matthew DeMello.
June 23, 2012	Examiner.com	<i>Centre provides music services for special needs kids.</i> Story by Carola Finch.
May 24, 2012	The Grid TO	<i>Toronto the Better.</i> The Grid asked some of Toronto's smartest people just one simple question: what's your brilliant idea to make Toronto better?
April 30, 2012	CBC North	<i>True North.</i> Interview with Allison Devereaux on the nature of Earworms and the effects of background music on work.

Apr 2, 2012	Maisonneuve Magazine	<i>Face the Music</i> . Interview for cover story by Tim Falconer on the science of tone deafness. Story received Silver Medal at National Magazine Awards and BBC News recognized it as “one of the week’s best reads.”
Mar 16, 2012	Studiofeed.com	<i>Music and the brain</i> . Video web-story featuring our research on music and mood regulation.
Mar 12, 2012	The Upbeat	<i>Chair brings music to the deaf</i> . Video story by Chloe Tejada, Yahoo Canada.
Feb 8, 2012	X-Press Magazine	<i>Ill.gates Sharing his methodology</i> . Coverage of the emoti-chair and its use at concerts for the deaf. Issue 1304
Jan 30, 2012	CBC Radio 1, Here and Now	<i>Toronto Sound Map</i> . Feature segment by Lily Ames showcasing research and sounds of the Toronto Sound Map.
Jan 17, 2012	BlogTO	<i>Listening in on the Toronto Sound Map</i> . Feature story by Chris Bateman.
Dec 6, 2011	Toronto Standard	<i>What does a deaf rave sound like?</i> Story by Zoe Cormier that features our multimodal work and ideas about music and movement.
Oct 18, 2011	Healthy Hearing	<i>Leading the Way to Better Therapies for People with Hearing Loss, Speech Deficits</i> . A web story (healthyhearing.com) featuring the hearing health implications of our multimodal work.
Oct 8, 2011	Toronto Star	<i>It’s the same old song, it seems: Birds, humans share musical habits, researchers find</i> . A feature story by Oakland Ross appearing on cover of the Saturday Star Insight Section
Oct 2, 2011	Multiple Online Stories	<i>Songbirds reveal secrets of common patterns in music</i> . Reproduction of Toronto Met release on our PNAS paper. SyndiGate / Asian News International / DNA: Daily News and Analysis
Sep 29, 2011	Earth Times	<i>Singing cousins</i> . A story by Dave Armstrong on our PNAS paper.
Sep 27, 2011	Psychology Today	<i>The bodily origins of song structure</i> . A story on our PNAS paper by Jeanette Bicknell (author of Why Music Moves Us)
Sep 21, 2011	Accessibility In Action, The Accessible Channel	Episode of a TV series aimed at North America's disabled communities (interview on music without sound and the emoti-chair)
July 4, 2011	CBC Radio 1, Out of Their Minds	Episode 2 (They’ve lost their senses). Mini-documentary that features our vibro-tactile research.
June 12, 2011	House of God, Part of DocNow Festival	Documentary film by Layal Al-Haidari that features an interview about music, dance, and transcendence, TIFF Bell Lightbox Theatre, Toronto

May 24, 2011	The Mark News	The Art of Innovation: How a piece of furniture built for the deaf kick-started a new kind of music.
April 19, 2011	Chords Magazine	"Music creates intelligence." Interview for story by Sue Reynolds on extra-musical benefits of music.
Jan 27, 2011	The Martlet	"Look, Mom: music helps you study — sort of." Interview for story by Kenza Moller on music and emotion regulation.
Jan 25, 2011	CBC Radio 3, Lanarama	Interview with Lana Gay about music without sound.
Dec 14, 2010	Nightline Dubai	Radio interview with James Piecowye on links between music cognition and music technology.
Nov 24, 2010	The Mark News (themarknews.com)	<i>Most Ingenious Canadian Invention</i> (In a contest conducted online between Nov 24 and Dec 22, the Emoti-Chair received the most votes for top invention)
Nov 11, 2010	CBC Radio 1, As it Happens	Interview with Carol Off on multi-modal aspects of music
Nov 10, 2010	Globe and Mail	<i>The sound (and sight and feel) of music for the deaf.</i> Interview with Jill Mahoney on multi-modal aspects of music published in the National News Section.
Oct 1, 2010	Y-File	<i>VIBES! Feel it!</i> Description of Nuit Blanche exhibition.
Sep 30, 2010	Inside Toronto	Celebrate Nuit Blanche in the City's East End. Story by Joanna Lavoie.
Sep 29, 2010	The Eyeopener and reproduced in The Phoenix	Good Vibrations. Songs for the deaf? Story by Matthew Braga
Aug 23, 2010	Toronto Met Today	Local band to jam at Toronto Met lab in unique research collaboration
June 16, 2010	Toronto Met Today	Graduate research gets \$245,000 boost: New MITACS program to support five postdoctoral fellowships
May 31, 2010	Gizmodo	How a Collar Could Help Deaf People "Hear" Music
May 7, 2010	The Newspaper	Science Rendezvous kicks the lab door wide open. Story by Helene Goderis
May 3, 2010	Toronto Met Today	Fun, educational research on public display during Science Rendezvous
Apr 16, 2010	Toronto Met Today	Sense of play. Story on the use of emoti-chair for gaming and new media.
Apr 15, 2010	SciTech Blog: CNN.com	Emoti-chair helps people feel the music. Story by John Sutter
Mar 11, 2010	Toronto Star	Andanteophone brings church organ into 21st century

Dec 1, 2009	Toronto Life Magazine	City of Ideas Issue: "Top 25 World-Changing Ideas" (The Emoti-Chair was featured as #6)
Nov 23, 2009	Toronto Met Today	"Interdisciplinary speaker series explores multiplicity of music." Story by Andy Lee.
Oct 14, 2009	Barrie Examiner	"Unique chair sounds good to Barrie band." Story by Susan Doolan that focuses on the emoti-chair concert at Acoustics Week in Canada with the Jazz band, Straight-no-chaser.
Oct, 2009	Deaf Times	"Emoti-chair brings music to the deaf." Story by Chris Illich, Brock Press
Oct, 2009	Toronto Star	"Toronto invention opens up deaf people to music's good vibrations." Story by John Terauds.
Oct, 2009	thedailyplanet.com	"Emoti-chair provides new concert-going experience: Toronto musicians and Toronto Met's SMART lab fuse music and science." Feature News Story by Erin Bosenberg.
Oct, 2009	Blog TO	X Avant New Music Festival Preview. Story by Matthew McAndrew featuring SMART lab's collaboration with Array Music.
Sep, 2009	WholeNote Magazine	"X Avant Marks the Spot." Story by Jason van Eyk describes music festival's theme of "convergence and collaboration" with description of SMART lab's collaboration with Array Music.
Aug, 2009	Assorted Print, Radio and Internet Media (Zoomer News)	"Music breakthrough with the deaf". Feature story concerning the emoti-chair. Zoomer News & Classical 96.3FM Video available at: <a href="http://www.youtube.com/watch?v=cfgqT-Akp4k">http://www.youtube.com/watch?v=cfgqT-Akp4k</a>
Aug, 2009	Big Picture Blog	"So you're multitasking, really?" Story featuring quotes re: serial tasking (vs. multi-tasking).
Jun 19, 2009	Toronto Met News	"Sounds Emotional". Story by Dana Yates on Toronto Met homepage featuring research program in Music Cognition.
Jun, 2009	Toronto Met Alumni Magazine	"World's first concert for the deaf." Story by Colleen Mellor about concert and development of the emoti-chair.
Jun, 2009	CBC-Radio1, Points North	Interview with Andrew O'Conner about music for the deaf.
May/June, 2009	Assorted Print, Radio, and Internet Media	Multiple stories concerning research report to Ministry of Transportation on Aging Drivers and Road Luminosity: Canadian Driver; CFRB Radio; Times of India; Ming Pao (in Cantonese); Transtex (in Japanese).
Apr, 2009	National Public Radio	"Net Effect". Interview with Brook Gladstone for ON THE MEDIA story on the influence of the internet and new media on brain and cognition.
Apr, 2009	Fairchild Television (Hong Kong)	Feature story/interview re: Emoti-chair (in Cantonese)



Apr, 2009	SWEAT Magazine	Story on use of music to regulate mood for training and competition in sports.
Apr, 2009	CBC News: Sunday (National Release)	Emoti-chair: musical chairs for the deaf. This short feature won a Gabriel Award (“uplift & nourish the human spirit”)
Mar 25, 2009	CBC Radio 1: Spark	Emoti-chair featured on program hosted by Nora Young.
Mar 17, 2009	Earth Times	Social Sciences and Humanities Research Council supports Major New Research Initiatives.” Story based on press release describes the AIRS grant.
Mar 16, 2009	UPEI News	“Interdisciplinary team examines the power of singing.” Story describes the SSHRC MCRI grant.
Feb –Mar, 2009	Assorted Print, Radio, Television and Internet Media	Over 100 independent stories featuring the Emoti-chair in print/broadcast worldwide. Coverage included Discovery Channel (Daily Planet), CBC (Radio1, Radio Canada, Television), CFRB Radio, Global National, City TV, Exclaim TV, National Post (pg. 2), SoundProof Magazine, (Canada), Paste Magazine, Deaf News Today (US), LazerTecnologia (Brazil), Hipersonica (Spain), New Scientist, BBC4 (UK), Idealize (Netherlands), Forskning & Framsteg (Sweden), Tages Anseiger (Switzerland), Gebaerdenwelt (Austria), Play (Czech Republic), Gorod (Latvia), Metalhead (Romania), Haoneg (Israel), Hordiq (Uzbekistan), Russian Independent Radio (Russia), Phillipine Times (Phillipines), and ArtsHub (Australia). Internet coverage of the story became viral in the form of adaptations, commentary and blogging.
Feb 5, 2009	The Guardian (UK)	“First-ever concert for the deaf to be staged in Toronto.” Story by Sean Michaels.
Nov, 2008	NewsRX	“Investigators at Toronto Met publish new data on speech.” Article summarizing “Tune in or Tune out” findings.
Oct, 2008	Toronto Met News	“Ryerson profs develop Emoti-Chair: Allows deaf to feel vibrations of music and sound” Article by Sarah Hayward that reports on Ontario Science Centre Exhibition
Oct, 2008	Ryersonian	“Chair rekindles love of music for deaf” Article by Leigh McEachran that reports on development of the chair.
Sep, 2008	AT Extra / Neuromusic News	“Tune in or Tune out” article featured by AT Extra (American Academy of Audiology) and the Neuromusic News (Mariani Foundation)
Jul, 2008	Toronto Star with reprint in numerous Sun Media outlets	“Emoti-chair' delivers good vibrations to deaf”. Front-page story by Debra Black describing the development of assistive technology for music.
Apr, 2008	Toronto Met Alumni Magazine	“Mind space”. Story by Colleen Mellor that describes the PRTC, highlighting the SMART lab’s need fro the new infrastructure.

Jan, 2008	Toronto Met Alumni Magazine	“Nosh noises”. Summary of mini-study commissioned by the Toronto Star regarding the sound and annoyance levels associated with snacking in theatres.
Nov, 2007	CBC News	“Future of the landline”. Story by Nicole Tomlinson with interview on how communication technology influences communication.
Aug, 2007	Bild der Wissenschaft	“Warum Sänger Grimassen schneiden”. Article (in German) by Ilka Lehn-Beyel features “Facing the music” (Thompson & Russo, 2007) article.
Aug, 2007	Krankenkassen	“Mimik beim Singen zeigt Tonsprünge”. Article (in German) features “Facing the music” (Thompson & Russo, 2007) article.
May, 2007	Toronto Star	“Can you speak up? We’re snacking”. Article by Matthew Chung with a commissioned mini-study by SMART lab regarding the sound and annoyance levels associated with snacking in theatres.
Apr, 2007	Inside Popnology	“Driven to Distraction”. Television (and web broadcast) interview with Amber MacArthur on perceptual/cognitive distraction and the new media.
Apr, 2007	Walrus Magazine	“Driven to Distraction”. Article by John Lorinc with interview on cognitive mechanics of distractions in our modern multimedia world. Article was nominated for a National Magazine Award.
Mar, 2007	Ottawa Citizen	“Auto cellphone use causes stupidity” by Richard Bercuson (Editorial). Quote regarding driver distraction.
Feb, 2007	Ryersonian	“In love and so far away”. Story by Tegan Forder with interview and quote regarding communication challenges of long-distance relationships.
Sep, 2006	Toronto Observer	“Porter Airlines’ “whisper” planes takeoff from the island airport”. Story by Philip Alves with interview concerning urban-noise concerns.
Apr 1, 2006	Inside UTM	Interview on hearing loss, urban noise and the escalating intensity of “background music”
Mar 23, 2006	NOW Magazine	“Eardrums aren’t for beating”. Story by Elizabeth Bromstein, Volume 25, No. 30, about the urban soundscape, hearing health, and design solutions for minimizing risk.
Jun, 2005	Inside UTM	Short “spotlight piece” that showcased research in music cognition.
Apr 12, 2005	Toronto Tonight	Television interview concerning whether music preferences better reflect personality traits or desired states: “iPod Personality Test”.

Mar 4, 2005	Omni News	Television feature interview about communication challenges faced by the elderly and discussion of behavioral and technological solutions.
Mar 1, 2005	APA Monitor on Psychology	Article concerning the CIHR Strategic Training Program on Communication and Social Interaction in Healthy Aging, 36, 42-44.

**Affiliation and Leadership Roles in Professional Societies:**

- American Auditory Society: *Member*
- Canadian Acoustical Association: *BOD (2007-17); Awards Coordinator (2009-12); Journal Editor (2012-13); President (2013-17); Past-President (2017-20)*
- Canadian Psychological Association, *Fellow*
- Canadian Society for Brain, Behaviour, and Cognitive Science, *Fellow; BOD (2019-21)*
- Cognitively Based Music Information Retrieval, *Co-Founder/Organizer (2011-21)*
- Society for Functional Near Infrared Spectroscopy, *Member (2010-)*
- Society for Music Perception and Cognition, *Member; BOD (2010-12)*