

## Curriculum Vitae

**Aravind Kumar Namasivayam Ph.D., S-LP (C), Reg.CASLPO**

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### Educational Profile

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- 2019** Specialist Certificate Program in Implementation Science at the University of Melbourne, Australia.
- 2013** Postdoctoral fellowship (*Neuronal plasticity*) at Toronto Western Research Institute & Toronto Rehabilitation Institute.
- 2008** Ph.D. in Speech-Language Pathology, University of Toronto. Collaborative Program in Neurosciences, Faculty of Medicine, University of Toronto.
- 1997** M.Sc. in Speech and Hearing, All India Institute of Speech and Hearing, University of Mysore. India.
- 1995** B.Sc. in Speech and Hearing, University of Mangalore. India.

### Professional Work Experience

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- 07/2024 - Present **Clinical Lead - Speech-Language Pathologist**  
The Speech and Stuttering Institute,  
Toronto
- 07/2024 - Present **Adjunct Professor**

- 07/2019 - 07/2022 **Adjunct Lecturer**  
Department of Speech-Language Pathology,  
University of Toronto
- 01/2023 - Present **Consultant - Faculty Collaborator**  
Contracted via Speech Research Centre Inc.  
Dept of Neurology/Cognitive Neurology  
Johns Hopkins University, USA
- 09/2022 - 12/2022 **Speech-Language Pathologist**  
Preschool Speech and Language (PSL) program  
ErinoakKids Centre for Treatment and Development,  
Mississauga, Canada
- 10/2020 - Present **Adjunct Faculty**  
Department of Speech-Language Pathology,  
Kasturba Medical College, Mangalore  
India.
- 07/2019 - 07/2024 **Research Associate**  
08/2009 - 08/2011 Oral Dynamics Laboratory,  
Department of Speech-Language Pathology.  
Faculty of Medicine, University of Toronto.
- 04/2018 - Present **Director - Speech Research Centre.**  
Toronto, Ontario, Canada.
- 04/2012 - Present **Adjunct Scientist**  
Medicine, Neurology Div, Toronto Western Hospital.
- 04/2012 - 2020 **Affiliate Scientist**  
Toronto Rehabilitation Institute, Toronto
- 12/2018 - 12/2019 **Visiting Senior Research Fellow**  
Curtin University of Technology, Australia.
- 04/2013 -12/2019 **Scientist/Principal Investigator - Research Grant**  
The Prompt Institute, Santa Fe, NM, USA.
- 05/2010 - 04/2013 **Research Scientist**  
The Speech and Stuttering Institute,  
Toronto
- 09/2011 - 03/2012 **Assistant Professor (Status-Appointed)**  
Department of Speech-Language Pathology,  
University of Toronto

- 07/2009 - 03/2010 **Research Technician**  
Communication Function Lab,  
Toronto Rehabilitation Institute, Toronto.
- 09/2004 - 05/2009 **Research Officer**  
Oral Dynamics Laboratory  
Department of Speech-Language Pathology.  
Faculty of Medicine, University of Toronto.
- 09/2003 - 06/2004 **Volunteer Trainee / Clinician**  
Stuttering Centre, Speech Foundation of Ontario  
Toronto, Canada
- 10/1997 -12/1998 **Clinical Specialist** (Cochlear Implants) for India region.  
PIKA MED Pvt Ltd & Cochlear Ltd  
Bangalore, India and Sydney, Australia.
- 06/1997 - 09/1997 **Speech-Language Pathologist and Audiologist**  
Spastic Society of Tamil Nadu, Madras, India.
- 06/1995 - 07/1995 **Neuro-Speech Specialist**  
Vijaya Health Centre  
Madras, India.
- 05/1995 - 07/1995 **Speech-Language Pathologist and Audiologist**  
Dr.C.Satyanarayana Foundation for Otorhinolaryngological Research.  
Madras, India.

### **Research Assistant Experience**

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- 06/2000 -12/2004 **Research Assistant** (Dr. Carla Johnson).  
Language Laboratory, University of Toronto.
- 02/2000 - 12/2000 **Research Assistant** (Dr. Pascal Van Lieshout)  
Oral Dynamics Laboratory, University of Toronto.
- 06/1999 - 08/1999 **Research Assistant** (Dr. Christopher Dromey)  
Speech and Swallowing laboratory, University of Toronto.

## Teaching Experience

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- 2024 – Present      **Course Instructor**  
SLP 1522Y: Speech Physiology & Acoustics,  
Department of Speech-Language Pathology,  
University of Toronto.
- 2013 – Present      **Course Instructor**  
SLP 1503B: Articulation and Related Disorders,  
Department of Speech-Language Pathology,  
University of Toronto.
- 2021 - 2023      **Course Instructor (on-line)**  
SLPM 6069: Research Methods in Communication Disorders  
Department of Speech-Language Pathology  
New York Medical College, USA.
- 2013 - 2021      **Course Instructor**  
PLIC54H: Speech Physiology and Speech Disorders in Children  
and Adults, University of Toronto (*Scarborough Campus*) .
- 2020      **Course Instructor**  
PLID50H3: Speech Perception, University of Toronto.
- 03/2011 -2015      **Course Instructor**  
SLP 1528H: Research in Speech Language Pathology,  
Department of Speech-Language Pathology,  
University of Toronto.
- 09/2001 - 12/2003      **Teaching Assistant - Laboratory Instructor**  
SLP 1522a - Speech Physiology and Acoustics.  
Department of Speech-Language Pathology,  
University of Toronto.
- 010/2000 - 12/2000      **Course module Instructor\***  
(\*Fluency, Acoustics, Hearing Disorders & Aural rehabilitation)  
JLS 474F - Disorders of Speech and Language.  
Graduate Department of Speech-Language Pathology,  
University of Toronto.
- 06/1997 - 09/1997      **Lecturer - Post Graduate Diploma in Neurologically handicapped.**  
Anatomy & physiology of speech production and hearing  
mechanism.  
Faculty of Manpower development center,  
Spastic Society of Tamil Nadu, Madras, India.

- 06/1997 - 09/1997     **Clinical Instructor**  
Post Graduate Diploma in Neurologically handicapped.  
Diagnostics and treatment of developmental speech motor and feeding disorders.  
Spastic Society of Tamil Nadu, Madras, India.
- 11/1996 - 12/1996    **Lecturer -Guest seminar series.**  
Basic auditory anatomy and physiology.  
A.L.M Post Graduate Institute for Basic Medical Sciences,  
Taramani, Madras, India.

## **Patents and Intellectual property rights**

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### **Copyright**

1. **Visual Analogue scale for Speech Perception (VASP):** A stand-alone computerized speech quality (10 point) rating scale. Tejaswi Popuri and **Aravind K. Namasivayam** (2006). Canadian Copyright Registration Number: 1043211.
2. **Verbal Motor Production Assessment for Children-Revised edition (VMPAC-R). (2022).** Standardized and normed speech and oro-motor control assessment for children. Deborah Hayden and **Aravind K. Namasivayam**

## **Peer Reviewed Publications**

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1. **Namasivayam, A. K.**, Cheung, K., Atputhajeyam, B., Julia Petrosov., Branham, M., Grover, V., & Van Lieshout, P. H. H. M. (2024, Accepted). Effectiveness of Kaufman Speech to Language Protocol for children with Childhood Apraxia of Speech and Comorbidities. *American Journal of Speech-Language Pathology*.
2. Moore., J., Boyle, J., & **Namasivayam A. K.** (2024). Neurodiversity-Affirming Motor Speech Intervention for Autistic Individuals with Co-Existing Childhood Apraxia of Speech. *International Journal of Autism and Related Disabilities*, 6(1), 168. <https://doi.org/10.29011/2642-3227.100068>
3. Nakamura-Palacios, E. M., Júnior, A. T. F., Tanese, G. L., Vogeley, A. C. E., & **Namasivayam, A. K.** (2024). Transcranial Direct Current Stimulation (tDCS) Paired with ReST Training in Apraxia of Speech in Young Adult with Trisomy 21. *Brain Sciences*, 14(1), 58; <https://doi.org/10.3390/brainsci14010058>

4. **Namasivayam A. K.**, Shin., H., Nisenbaum, R., Pukonen, M., & Van Lieshout, P.H.H.M. (2023). Predictors of functional communication outcomes in children with idiopathic motor speech disorders. *Journal of Speech, Language, and Hearing Research*, 1-16. [https://doi.org/10.1044/2023\\_JSLHR-23-00070](https://doi.org/10.1044/2023_JSLHR-23-00070)
5. **Namasivayam, A. K.**, Yan, T., Bali, R., Hayden, D & Van Lieshout, P. H. H. M. (2022). Cross-Modal Somatosensory Repetition Priming and Speech Processing. *Journal of Integrative Neuroscience*, 21(5), 146. <https://doi.org/10.31083/j.jin2105146>
6. Grover, V., **Namasivayam, A. K.**, Mahendra, N. (2021). A viewpoint on accent services: Framing and terminology matter. *American Journal of Speech-Language Pathology*. [https://doi.org/10.1044/2021\\_AJSLP-20-00376](https://doi.org/10.1044/2021_AJSLP-20-00376)
7. Slis, A., Wolak, K., **Namasivayam, A. K.**, & Van Lieshout, P. H. H. M. (2021). Lingual Behavior in Clarinet Articulation: A Multiple-Case Study into single and double Tonguing. *Music and Science*, 4, 1-12. <https://doi.org/10.1177/20592043211034117>
8. Bahar, N., **Namasivayam, A. K.**, & Van Lieshout, P. H. H. M. (2021). Telehealth intervention and Childhood Apraxia of Speech: A Scoping Review. *Speech, Language and Hearing*. 1-13. <https://doi.org/10.1080/2050571X.2021.1947649>
9. **Namasivayam, A. K.**, Huynh, A., Bali, R., Granata, F., Law, V., Rampersaud, D., Hard, J., Ward, R., Helms-Park, R., Van Lieshout, P.H.H. M., & Hayden, D. (2021). Development and Validation of a Probe Word list to Assess Speech Motor Skills in Children. *American Journal of Speech-Language Pathology*, 30, 622-648.
10. **Namasivayam, A. K.**, Huynh, A., Granata, F., Law, V., & Van Lieshout, P.H.H.M. (2021). PROMPT intervention for children with severe speech motor delay: a randomized control trial. *Pediatric Research*, 89, 613-621. Doi: <https://doi.org/10.1038/s41390-020-0924-4>
11. **Namasivayam A.K.**, Coleman D, O'Dwyer A and Van Lieshout, P. (2020). Speech Sound Disorders in Children: An Articulatory Phonology Perspective. *Frontiers in Psychology*. 10:2998. DOI: 10.3389/fpsyg.2019.02998.
12. Terband, H., **Namasivayam, A.K.**, Maas, E., Van Brenk, F., Mailend, M-L., Diepeveen, S., Van Lieshout, P. H. H. M., & Maassen, B. (2019). Assessment of Childhood Apraxia of Speech: a review/tutorial of objective measurement techniques. *Journal of Speech, Language, and Hearing Research*, 62, 2999-3032. DOI: 10.1044/2019\_JSLHR-S-CSMC7-19-0214.
13. Maassen, B., Terband, H., Maas, E., & **Namasivayam, A.K.** (2019). Preface to the Special Issue: Select Papers From the 7th International Conference on Speech Motor Control. *Journal of Speech, Language, and Hearing Research*, 62, 2923-2925. DOI: 10.1044/2019\_JSLHR-S-CSMC7-19-0247

14. **Namasivayam, A.K.**, Pukonen, M., Goshulak, D., Francesca, G., Le, D. L., Kroll, R., & Van Lieshout, P. H. H. M. (2019). Investigating intervention dose frequency for children with speech sound disorders and motor speech involvement. *International Journal of Language & Communication Disorders*. 54(4), 673-686.  
<https://doi.org/10.1111/1460-6984.12472>
15. **Namasivayam A, K.**, Bali, R., Ward, R., Tieu, K.D., Yan, T., Hayden, D., & Van Lieshout, P.H.H.M. (2018). Measuring and Training Speech-Language Pathologists' Orofacial Cueing: A Pilot Demonstration. *Journal of Healthcare Engineering*.  
<https://doi.org/10.1155/2018/4323046>
16. Yu, Vickie Y., Kadis, Darren S., Goshulak, Debra, **Namasivayam, A. K.**, Pukonen, Margit; Kroll, Robert; De Nil, Luc F., Pang, Elizabeth W. (2018). Impact of motor speech intervention on neural activity in childhood apraxia of speech: use of magnetoencephalography. *Journal of Behavioral and Brain Science*, 8, 415-429.  
DOI: <https://doi.org/10.4236/jbbs.2018.87026>
17. **Namasivayam, A.K.**, Jethava, V., Pukonen, M., Huynh, A., Goshulak, D., Kroll, R., & Van Lieshout, P. H. H. M. (2018). Parent-child interaction in motor speech therapy. *Disability and Rehabilitation*, 40(1):104-109. DOI: 10.1080/09638288.2016.1243165.
18. Ben-David, Moral, M. I., **Namasivayam, A.K.**, Erel, H., & Van Lieshout, P. H. H. M., (2016). Linguistic and Emotional-Valence Characteristics of Reading Passages for Clinical Use and Research. *Journal of Fluency Disorders*.  
doi:10.1016/j.jfludis.2016.06.003
19. Multani, N., Rudzicz, F., Wong, W.Y.S., **Namasivayam, A.K.**, & Van Lieshout, P. H. H. M. (2016). Random item generation is affected by age. *Journal of Speech, Language, and Hearing Research*, 59, 1172-1178.
20. **Namasivayam A. K.**, Yan, T., Wong, W.Y.S., & Van Lieshout, P.H. H. M. (2015). Quality of Statistical Reporting in Developmental Disability Journals. *International Journal of Rehabilitation Research*, 38(4):364-369.
21. **Namasivayam A.K.**, Pukonen, M., Hard, J., Jahnke, R., Kearney, E., Kroll, R., & Van Lieshout, P.H.H.M. (2015). Motor Speech Treatment Protocol for Developmental Motor Speech Disorders. *Developmental Neurorehabilitation*. 18(5), 296-303.
22. Wong, W.Y.S., **Namasivayam, A.K.**, & Van Lieshout, P.H. H. M. (2015). Impact of auditory attention on the efferent auditory system in the absence of real auditory targets. *Canadian Acoustics*, 43(4), 25-29.

23. Kearney, E., Granata, F., Yunusova, Y., Van Lieshout, P., Hayden, D., & **Namasivayam, A.** (2015). Outcome Measures in Developmental Speech Sound Disorders with a Motor Basis. *Current Developmental Disorders*, 2, 253-272.
24. **Namasivayam, A. K.**, Pukonen, M., Goshulak, D., Hard, J., Rudzicz, F., Rietveld, T., Maassen, B., Kroll, R., & Van Lieshout, P.H.H.M. (2015). Treatment Intensity and Childhood Apraxia of Speech. *International Journal of Language & Communication Disorders*. 50(4), 529-46.
25. Hayden, D., **Namasivayam, A. K.**, & Ward, R. (2015). The Assessment of Fidelity in a Motor Speech Treatment Approach. *Speech, Language & Hearing*. 18 (1), 30-38.
26. **Namasivayam, A. K.**, Wong, W.Y.S., Sharma, D., Van Lieshout, P.H.H.M. (2015). Visual speech gestures modulate efferent auditory system. *Journal of Integrative Neuroscience*, 14(1), 73-83.
27. Van Lieshout, P. H. H. M., Ben-David, B., Lipski, M., & **Namasivayam, A. K.** (2014). The impact of anticipatory anxiety on speech motor control in people who stutter. *Journal of Fluency Disorders*. 40, 93-109.
28. Square, P. A., **Namasivayam, A. K.**, Bose, A., Goshulak, D., & Hayden, D. (2014). Multi-Sensory Treatment for Children with Developmental Motor Speech Disorders. *International Journal of Language and Communication disorders*. 49(5), 527-542.
29. Kadis, D. S., Goshulak, D., **Namasivayam, A.**, Pukonen, M., Kroll, R., De Nil, L. F., Pang, E. W., & Lerch, J. P. (2014). Cortical thickness in children receiving intensive therapy for idiopathic apraxia of speech. *Brain Topography*, 27(2), 240-247.
30. Yu.V.Y., Kadis, D.S., Oh, A., Goshulak, D., **Namasivayam, A. K.**, Pukonen, M., Kroll, R., De Nil, L.F., & Pang, E.W. (2014). Changes in voice onset time and motor speech measures in children with motor speech disorders after PROMPT therapy. *Clinical Linguistic and Phonetics*, 28(6), 396-412.
31. **Namasivayam, A. K.**, Le, D.J., Lewis, S. E., Neufeld, C., Van Lieshout, P.H.H.M. (2013). Peripheral Auditory Tuning for Vowels. *Journal of Integrative Neuroscience*. 12(4), 461-474.
32. **Namasivayam, A. K.**, Pukonen, M., Goshulak, D., Yu.V.Y., Kadis, D.S., Kroll, R., Pang, E.W., & De Nil, L.F. (2013). Relationship between speech motor control and speech intelligibility in children with speech sound disorders, *Journal of Communication Disorders*, 46(3):264-80.
33. **Namasivayam, A. K.**, & Van Lieshout, P. H. H. M. (2011). Speech motor skill and stuttering. *Journal of Motor Behavior*, 43(6), 477-489.



34. **Namasivayam, A. K.**, & Van Lieshout, P. H. H. M. (2011). Speech compensation in people who stutter: Acoustic and perceptual data. *Canadian Acoustics*, 39(3), 150-151.
35. Rudzicz, F., **Namasivayam, A. K.**, & Wolff, T (2011). The TORGO database of acoustic and articulatory speech from speakers with dysarthria. *Journal of Language Resources and Evaluation*, 46 (4), 523-541.
36. **Namasivayam, A. K.**, Van Lieshout, P. H. H. M., McIlroy, W. E., & De Nil, L. F. (2009). Sensory feedback dependence hypothesis in persons who stutter. *Human Movement Science*, 28, 688-707.
37. **Namasivayam, A. K.**, Van Lieshout, P. H. H. M., & De Nil, L. F. (2008). Bite-block perturbation in people who stutter: Immediate compensatory and delayed adaptive processes. *Journal of Communication Disorders*, 41, 372-394.
38. **Namasivayam, A. K.**, & Van Lieshout, P. H. H. M. (2008). Investigating speech motor practice and learning in people who stutter. *Journal of Fluency Disorders*, 33,32-51.
39. **Namasivayam, A. K.** (6/21/2004). Cochlear implant technical issues: Electrodes, Channels, Stimulation Modes and more. *In Audiology Online*.
40. Van Lieshout, P. H. H. M., Bose, A., & **Namasivayam, A. K.** (2002). Oral-motor physiological effects of an 8-week mechanically aided resistance exercise program. *The International Journal of Orofacial Myology*, Vol XXVIII, 49-73.
41. Sundara, M., **Namasivayam A. K.**, & Chen, R. (2001). Observation-execution matching system for speech: A magnetic stimulation study. *NeuroReport*, Vol 12(7), 1341-1344.
42. **Namasivayam A. K.**, & Murray, B. (1999). Cochlear Implants- Thirty years of Development, *Hearing Aid*, 13(4), 116-122.
43. **Aravind Kumar, N.**, Mathangi, D. C., & Ambalavanan, N. (1998). Noise induced changes in free radical scavenging enzymes in the blood and brain of albino rats. *Medical Science Research*, 26(12), 811-812.

#### **Peer Reviewed Publications (Submitted/in prep)**

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44. **Namasivayam A. K.**, Vogeley, A., Albuquerque, A., Bali, R., Van Brenk, F., & Van Lieshout, P.H.H.M. (2024, in prep). *Objective methods to assess progress in the ReST treatment program for CAS: A case study*.

45. Richard L. Palmer, R. L., Ward, R., Helmholz, P., Strauss, G. R., Davey, P., Hennessey, N., Orton, L., & Namasivayam, A. K. (2024, Submitted). *Facial Movements Extracted from Video for the Kinematic Classification of Speech*.

### **Refereed Proceedings and Book Chapters**

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1. Hagedorn, C., & **Namasivayam, A. K. (2024)**. Articulatory Phonology and Speech Impairment. In Martin J. Ball, Nicole Müller and Liz Spencer (eds). Second Edition. Handbook of Clinical Linguistics. WILEY Blackwell Publishing.
2. Hayden, D., **Namasivayam, A. K.**, & Ward, R., Eigen, J., & Clark, A. (2020). The PROMPT approach: Theory, Evidence, Use and Application. In L. Williams, S. McLeod, & R. McCauley (Eds.), *Interventions for Speech Sound Disorders*. (pp. 477-504). Second Edition, Baltimore, Maryland: Brookes Publishing.
3. Bandini, A., **Namasivayam, A. K.**, & Yunusova, Y. (2017). Video-Based Tracking of Jaw Movements During Speech: Preliminary Results and Future Directions. In *INTERSPEECH 2017*, August 20-24, Stockholm, Sweden, Proceedings, 2017, pp. 689-693. [Http://dx.doi.org/10.21437/Interspeech.2017-1371](http://dx.doi.org/10.21437/Interspeech.2017-1371).
4. Van Lieshout, P. H. H. M. & **Namasivayam, A. K.** (2010). Speech motor variability in people who stutter. In Ben Maassen, & Pascal H.H.M. Van Lieshout (Eds.), *Speech motor control: New developments in basic and applied research* (pp.191-214). Oxford University Press: Oxford, UK.
5. **Namasivayam, A. K.**, & Van Lieshout, P. H.H. M (2004). Kinematic changes following static perturbation in people who stutter. In Packman. A, Meltzer. A & H. F. M. Peters (eds.), *Theory, Research and Therapy in Fluency Disorders* (pp.331-338), Nijmegen University Press, The Netherlands.
6. **Namasivayam, A. K.**, & Van Lieshout, P. H. H. M. (2001) Compensation and adaptation to static perturbation in people who stutter. In B. Maasen, W. Hulstijn, R. D. Kent, H. F. M. Peters & P. H. H. M. Van Lieshout (eds.), *Speech Motor Control in Normal and Disordered Speech*, chapter 63 (pp.253-257), Nijmegen, The Netherlands, Vantilt.
7. **Namasivayam A. K.**, & Savithri, S. R. (1998). A Comparative Study of Speech Motor Programming in Stutterers and Non-Stutterers. Proceedings of the *16th International Congress of Acoustics and 135th Acoustical Society of America meeting* (vol.1, pp.1276-1276), Washington, Seattle.

8. **Namasivayam A. K.**, Sundara, M., & Aniket, S. (1998). Frequency specificity of the medial efferent system. In K. R. Pardasani (Ed.). *Advances in Biomechanics, Proceedings of the VI National Conference on Biomechanics* (pp.231-236). Bhopal: MACT press.

### **Abstracts and Short Publications**

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1. **Namasivayam, A.K.**, Van Lieshout, P., Kroll, R., James Le, D., & Rudzicz, F. (June 2011). Voice onset self-monitoring abilities in persons who stutter. The ninth International Seminar on Speech Production (ISSP'11), Montreal, Canada.
2. **Namasivayam, A.K.**, & Van Lieshout, P. (2011). Speech Motor Skills and Sensory-Motor processes in persons who stutter. *Stem-, Spraak- en Taalpathology*, 17 (supplement), p. 33.
3. Limanni, A., & **Namasivayam, A.K.** (2010). Articulatory characteristics of Spanish vocalic sequences: An EMA Study. *40th Linguistic Symposium on Romance Languages*, March 27, University of Washington. To appear in proceedings.
4. **Namasivayam, A.K.**, & Van Lieshout, P. (2006). Testing the sensory feedback dependence hypothesis in people who stutter. *Stem-, Spraak- en Taalpathology*, 14 (supplement), p. 100.
5. **Namasivayam, A.K.**, & Van Lieshout, P. H.H. M. (2005). Perceptual correlates of compensation and adaptation to biteblock perturbation in people who stutter. *Canadian Acoustics*, 33(3), 114.
6. **Namasivayam, A.K.**, & Van Lieshout, P. H.H. M. (2004). Lip kinematics in people who stutter: Comparisons within and across days. *From Sound to Sense: Fifty+ Years of Discoveries in Speech Communication*, Massachusetts Institute of Technology, Cambridge.
7. **Namasivayam A. K.** (2002). Emergence of Speech Motor Control Perspective in stuttering Research. *ASHA-KIRAN, Newsletter of the Asian-Indian Caucus of the American Speech-Language-Hearing Association*, No.1, P.2.
8. **Namasivayam A. K.** (2001). Electromagnetic articulography: A tool to study difficult to access articulators and principles of motor control. *CASLPA-COMMUNIQUE*, Vol 15, p14.
9. **Namasivayam, A.K.**, Sundara, M., & Savithri, S. R. (2000). Speech motor programming in persons who stutter. *Proceedings of the Tri-Joint Congress- Canadian Association of Speech-Language Pathologists and Audiologists*, Supplement S75.

10. **Namasivayam, A. K.**, Sundara, M., & Chen, R. (2000). Effects of auditory and visual stimuli on motor facilitation of speech muscles. *Journal of the Acoustical Society of America*, Vol 107, No.5, Pt.2, 2887.
11. **Namasivayam, A.K.**, & Savithri, S. R. (1998). A comparative study of Speech Motor Programming in Stutterers and Non-stutterers. *Journal of Acoustical Society of America*, Vol 103, No.5, Pt.2.

### **Presentations (Conference/Poster/ Guest Lecture Presentations)**

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#### **Conference podium presentations**

1. **Namasivayam, A.K.**, Pukonen, M., & Van Lieshout, P.H.H.M. (2024). *Motor Speech Care Pathway for Children Over 36 Months of age*. Speech-Language & Audiology Canada (SAC) 2024 Conference, Vancouver, BC, Canada.
2. **Namasivayam, A.K.**, Branham., Atputhajeyam, B., Lysenko, A., Cai, W., Elsayed, M., Grover, V., & Van Lieshout, P.H.H.M. (2023). *Kaufman Speech to Language Protocol for Children with Childhood Apraxia of Speech: Phase II Data*. American Speech-Language-Hearing Association Convention, Boston, USA. (Nov 16-18).
3. Hayden, D. & **Namasivayam, A.K.**, (2023). *Verbal Motor Production Assessment for Children - Revised (VMPAC-R)*. American Speech-Language-Hearing Association Convention, Boston, USA. (Nov 16-18).
4. **Namasivayam, A.K.**, Grover, V., & Branham, M. (2023, 6-8 July). *Effectiveness of Kaufman Speech to Language Protocol for children with Childhood Apraxia of Speech and Comorbidities*. National Conference on Childhood Apraxia of Speech, Plano, Texas, United States.
5. **Namasivayam, A.K.**, Shin, H., Nisenbaum, R., Pukonen, M., Sue, M., Choy, J., & Van Lieshout, P.H. H. M. (2023, 6-8 July). *What predicts functional communication outcomes in children with CAS and Speech Motor Delay*. National Conference on Childhood Apraxia of Speech, Plano, Texas, United States.
6. Moore., J. & **Namasivayam, A.K.**, (2022, July). *Client-Centered Motor Speech Therapy for Autistic Individuals with Coexisting Childhood Apraxia*. National Conference on Childhood Apraxia of Speech, Las Vegas, Nevada.
7. Hayden, D. & **Namasivayam, A.K.**, (2022, July). *Verbal Motor Production Assessment for Children - Revised (VMPAC-R) 2022 Edition*. National Conference on Childhood Apraxia of Speech, Las Vegas, Nevada.

8. **Namasivayam A. K.**, Vogeley, A., Albuquerque, A., Bali, R., Van Brenk, F., Bahar., N., & Van Lieshout, P.H.H.M. (2021). *Objective methods to assess progress in the ReST treatment program for CAS: A case study*. Online Apraxia Kids National Conference, USA (July 8-10).
9. **Namasivayam A. K.** (2019). *The PROMPT approach: A meta-analysis of effects, efficacy and efficiency*. Apraxia Kids National Conference, Pittsburgh, PA, USA (July 11-13).
10. **Namasivayam, A. K.**, Granata, F., Huynh, A., & Van Lieshout, P.H.H.M. (2018). *Randomized Control Trial of PROMPT Intervention for Children With Severe Speech Sound Disorders*. Presentation at the American Speech-Language-Hearing Association Convention, Boston, USA (November 15-17).
11. **Namasivayam, A. K.**, Granata, F., Pukonen, M., Goshulak, D., Kroll, R., & Van Lieshout, P.H.H.M. (2018). *Investigating Treatment Dose Frequency for Children with Speech Sound Disorders & Motor Speech Involvement (SSD-MSI)*. Presentation at the American Speech-Language-Hearing Association Convention, Boston, USA (November 15-17).
12. Bandini, A., **Namasivayam, A. K.**, & Yunusova, Y. (2017). *Video-Based Tracking of Jaw Movements During Speech: Preliminary Results and Future Directions*. In *INTERSPEECH 2017*, August 20-24, Stockholm, Sweden, Proceedings, 2017, pp. 689-693. <http://dx.doi.org/10.21437/Interspeech.2017-1371>.
13. Hayden, D. & **Namasivayam, A.K.**, (2015, November). *Overview of a Program of Research: Where Are We Now?* Seminar session at the American Speech-Language and Hearing Association Annual Convention, Denver, Colorado.
14. Hayden, D. & **Namasivayam, A.K.**, (2015, July). *PROMPT: Current research overview*. National Conference on Childhood Apraxia of Speech, San Antonio, TX.
15. Wong, W.Y.S., **Namasivayam, A.K.**, & Van Lieshout, P.H. H. M. (2014). *Impact of auditory attention on the efferent auditory system in the absence of real auditory targets*. Paper presented at the annual conference of the Canadian Acoustical Association, Winnipeg, Canada (October 7th-10th).
16. Pukonen, M., **Namasivayam, A.K.**, Goshulak, D., Rudzicz, F., Maassen, B., & Van Lieshout, P.H.H.M. (2013). *An Evidence Based Care Pathway for Preschool Children with Motor Speech Disorders*. Seminar presentation at the American Speech-Language-Hearing Association Convention, Chicago, USA (November 14-16).
17. Hayden, D., Ward., R & **Namasivayam, A.K.**, (2013). *The assessment of fidelity in a motor speech treatment approach*. The 9<sup>th</sup> Asia Pacific conference on Speech, Language and Hearing, Taiwan. Oct 31-Nov 3<sup>rd</sup> 2013.

18. Van Lieshout, P.H.H.M., Lipski, M., Ben-David, B., & **Namasivayam, A. K.** (2012). *The impact of emotion on speech motor control in people who stutter*. 7th World Congress of Fluency Disorders, Tours, France, July 2012.
19. Zmarich, C., Van Lieshout, P., **Namavisayam, A.K.**, Limanni, A., Galatà, V., & Tisato, G. (2011). *Consonantal and vocalic gestures in the articulation of Italian glide /w/ at different syllable positions*. Contesto comunicativo e variabilità nella produzione e percezione della lingua, 7° convegno AISV, Lecce, Italy (February 26-28).
20. **Namasivayam, A. K.**, & Van Lieshout, P. H. H. M. (2011). *Speech compensation in people who stutter: Acoustic and perceptual data*. Canadian Acoustics. (October 12<sup>th</sup>-14<sup>th</sup>).
21. **Namasivayam, A. K.** & Van Lieshout, P. H.H. M (2005). *Perceptual correlates of compensation and adaptation to biteblock perturbation in people who stutter*. Paper presented at the 2005 annual conference of the Canadian Acoustical Association, London, Canada (October 12<sup>th</sup>-14<sup>th</sup>).
22. **Namasivayam, A. K.** & Van Lieshout, P. H.H. M (2003). *Kinematic changes following static perturbation in people who stutter*. Paper presented at the 4th World Congress on Fluency Disorders, Montreal, Canada. (August 15th).
23. **Namasivayam A. K.**, Sundara, M., & Savithri, S. R. (2000). *Speech motor programming in persons who stutter*. Paper presented at the Tri-Joint Congress-Canadian Association of Speech-Language Pathologists and Audiologists. Toronto, May 26<sup>th</sup>.
24. **Namasivayam A. K.**, Aniket, S., & Sundara, M. (1998). *Frequency specificity of the Medial Efferent System*. Paper presented at the VI National Conference on BioMechanics ,MACT-Bhopal, January 15<sup>th</sup> .
25. **Namasivayam A. K.**, & Murray, B. (1998). *Cochlear Implants-30 years of Development*. Paper presented at the XXX National Conference of the Indian Speech and Hearing Association, Puri, January 24<sup>th</sup>.
26. **Namasivayam A. K.**, Mathangi, D.C., & Namasivayam, A. (1998). *Free Radicals and Acute Noise Stress in Albino Rats*. Paper presented at the XXX National Conference of the Indian Speech and Hearing Association, Puri, January 24<sup>th</sup>.
27. **Namasivayam A. K.**, & Savithri, S. R. (1998). *Effects of Response Complexity on Speech Motor Programming in Stutterers and Non-stutterers*. Paper presented at the XXX National Conference of the Indian Speech and Hearing association, Puri, January 25<sup>th</sup>.

28. **Namasivayam A. K.** (1998). *Role of Auditory Temporal Processing and AudioPhonatoric Coupling in the Etiology of Stuttering*. Paper presented at the XXX National Conference of the Indian Speech and Hearing Association, Puri, January 25<sup>th</sup>.
29. **Namasivayam A. K.** & Pradeep, D. (1997). Effects of efferent induced changes in cochlear micromechanics on Transiently Evoked OtoAcoustic Emissions. Paper presented at the Acoustical Society of America -Regional Chapter ,NIO-GOA, September.
30. **Namasivayam A. K.** & Chengappa, S. (1996). *A case of Tuberos Sclerosis and Autism -A Neuropathological Viewpoint*. Paper presented at the XXVIII National Conference of the Indian Speech and Hearing Association, Calcutta, January.

### Poster Presentations

31. **Namasivayam, A. K.**, Cheung, K., Branham, M., & Grover, V. (2024, May). *Kaufman Speech to Language Protocol for Childhood Apraxia of Speech*. Poster presented at the Speech-Language & Audiology Canada Conference Vancouver, BC.
32. **Namasivayam, A. K.**, Flagg, E., Pukonen, M., Bahar, N., Atputhajeyam, B., Gill, J., & Van Lieshout, P. H. H. M. (2022, August) *Implementing Motor Speech Outcome Measurement in Preschool Speech-Language Programs*. Poster presented at the 8<sup>th</sup> International Conference on Speech Motor Control, Groningen, The Netherlands.
33. Ward, R., Palmer, R., Hennessey, N., Orton, L., Davey, P., Strauss, G., Helmholz, P., Hayden, D., **Namasivayam, A. K.** (2022, August). *The Use of Objective Articulatory Kinematic Measures to Support Clinical Decision Making In The Diagnosis Of Motor Speech Disorders: A Pilot Study*. Poster presented at the 8th International Conference on Speech Motor Control, Groningen, The Netherlands.
34. Bahar, N., **Namasivayam, A. K.**, & Van Lieshout, P. H. H. M. (2021, July). *Telehealth intervention and Childhood Apraxia of Speech: A Scoping Review*. Online Apraxia Kids National Conference, USA.
35. **Namasivayam A. K.**, Udupa, K., Saha, U. K., Tieu, K.D., Deschamps, S., Kroll, R., Van Lieshout, P. H.H. M., Popovic, M. R., & Chen. R. (2018, July). *Examining cortical plasticity in persons who stutter*. Poster submitted to the 2018 Inaugural Joint World Congress of the International Cluttering Association (ICA), International Fluency Association (IFA) and International Stuttering Association (ISA), Hiroshima, Japan.
36. **Namasivayam A. K.**, Bali, R., Tieu, K.D., Deschamps, S., Dolmaya, M., Kroll, R., Van Lieshout, P. H.H. M. (2018, July). *Gentle voice onset accuracy self-monitoring in persons who stutter*. Poster submitted to the 2018 Inaugural Joint World Congress of the International Cluttering Association (ICA), International Fluency Association (IFA) and International Stuttering Association (ISA), Hiroshima, Japan.

37. **Namasivayam A. K.**, Udupa, K., Saha, P., Law, V., Huynh, A., Kroll, R., Van Lieshout, P. H.H. M., Popovic, M. R., & Chen. R. (2017, July). *Motor Skill Learning & Long-Term Potentiation in Adults Who Stutter*. Poster presented at the 7th International Conference on Speech Motor Control, Groningen, The Netherlands.
38. **Namasivayam A. K.**, Ward., R, Bali, R., Davey, P., Strauss, G., Claessen, M., Hayden, D., & Van Lieshout, P.H.H.M (2017, July). *Exploring quantifiable measures for the evaluation of SLP intervention fidelity*. Poster presented at the 7th International Conference on Speech Motor Control, Groningen, The Netherlands.
39. Slis, A., Wolak, K., **Namasivayam A. K.**, & Van Lieshout, P. H.H. M (2017, July). *An exploratory study into different types of articulation in clarinet playing*. Poster presented at the 7th International Conference on Speech Motor Control, Groningen, The Netherlands.
40. **Namasivayam, A. K.**, Law, V., Yan, T., Huynh, A., Bali, R., Hayden, D. & Van Lieshout, P.H.H.M. (2016, March). *Effects of Tactile Repetition Priming on Phoneme Recognition*. Poster presented at the 18th Biennial Madonna Conference on Motor Speech, California, USA.
41. **Namasivayam A.K.**, Law, V., Huynh, A., Granata, F., & Hayden, D. (2016, April). *Sensitivity of Probe word scoring procedures*. Poster presented at the Speech-Language & Audiology Canada Conference Halifax, Nova Scotia.
42. **Namasivayam, A.K.**, Korzeczek, A, Law, V., Pukonen, M., Goshulak. D., & Van Lieshout, P.H.H.M. (2016, April). Phonological process errors following motor speech treatment in childhood apraxia. Poster presented at the Speech-Language & Audiology Canada Conference Halifax, Nova Scotia.
43. Law, V., Huynh, A., **Namasivayam, A.K.**, Yan, T., Bali, R., Hayden, D., & Van Lieshout, P.H.H.M. (2015, November) *Oro-Facial Tactile Cues Improve Phoneme Recognition*. Poster presented at the Toronto Rehabilitation Research Conference, Toronto, Ontario.
44. Huynh, A., Law, V., **Namasivayam, A.K.**, Chui, N.Y., & Hayden, D. (2015, November). *Monitoring Treatment Change in Developmental Motor Speech Disorders*. Poster presented at the Toronto Rehabilitation Research Conference, Toronto, Ontario.
45. Kearney, E., Granata, F., Yunusova, Y., Van Lieshout, P.H.H.M., Hayden, D., & **Namasivayam, A.K.** (2015, Novemeber). *Measuring Participation in Developmental Speech Sound Disorders with a Motor Basis*. Poster presented at the American Speech-Language and Hearing Association Annual Convention, Denver, Colorado.



46. **Namasivayam A. K.**, Bali, R., Yan, T., Hayden, D., & Van Lieshout, P.H.H.M. (2015, November). *Accuracy & Consistency of Oro-Facial Prompting for Speech*. Poster presented at the American Speech-Language and Hearing Association Annual Convention, Denver, Colorado.
47. **Namasivayam, A. K.**, Chui, N.Y., Huynh, A., & Hayden, D. (2015, October). *Probe Word Scoring System for Developmental Motor Speech Disorders*. Poster presented at International Association of OroFacial Myology Convention, Lake Buena Vista, Florida.
48. Korzeczek, A., **Namasivayam, A.K.**, Pukonen, M., Goshulak, D., Kroll, R., & Van Lieshout, P.H.H.M. (2015, October). *Sublexical changes in childhood apraxia of speech following motor speech treatment*. Poster presented at International Association of OroFacial Myology Convention, Lake Buena Vista, Florida.
49. Bali, R., **Namasivayam, A.K.**, Hayden, D., Van Lieshout, P.H.H.M., & Yan, T. (2015, October). *Assessing Consistency of Oro-Facial Prompting*. Poster presented at International Association of OroFacial Myology Convention, Lake Buena Vista, Florida.
50. Granata, F., Kearney, E., Yunusova, Y., Van Lieshout., P.H.H.M., Hayden, D., & **Namasivayam, A.K.** (2015, October). *Instrumental-based Outcome Measures for Evaluating Treatment of Children with Speech-Motor Issues*. Poster presented at International Association of OroFacial Myology Convention, Lake Buena Vista, Florida.
51. Slis, A., Bali, R., **Namasivayam A. K.**, Chaldi, D., & Van Lieshout, P. H.H. M (2015, August). *Articulatory errors and word structure*. Poster presented at the 18th International Congress of Phonetic Sciences, Glasgow, UK.
52. **Namasivayam, A. K.**, Wong, W.Y.S., Yan, T., Van Lieshout, P.H.H.M. (2014, November). *Quality of Statistical Reporting in Developmental Disability Journals*. Poster presented at the Ontario Association of Children’s Rehabilitation Services Conference, Toronto, ON.
53. **Namasivayam A. K.**, Sharma, D., Wong, W.Y.S., Chaldi, D., & Van Lieshout, P.H.H.M. (2014, April). *Visual speech gestures modulate efferent auditory system*. Poster presented at the 16th International Neuroscience Winter Conference, Sölden, Austria.

54. Hayden, D., **Namasivayam, A.K.**, Hard, J., & Van Lieshout, P.H.H.M. (2014, March). *Probe wordlist for the assessment of treatment progress and generalization in children with motor speech disorders*. Poster presented at the International Motor Speech Conference, Sarasota, Florida.
55. Neufeld, C., **Namasivayam A.K.**, Van Lieshout, P.H.H.M. (2013, May). *Articulatory phonatory coupling in people who stutter*. Meeting of the Canadian Association for Neuroscience, Toronto, ON.
56. Neufeld, C., **Namasivayam, A.K.**, Van Lieshout, P.H.H.M. (2013, July). *Bimodal sensory influence in speech control*. Progress in Motor Control IX, Montreal, Quebec.
57. **Namasivayam, A.K.**, Hard, J., Pukonen, M., Jahnke, R., & Van Lieshout, P.H.H.M. (2013, October). *Effects of a Multi-Sensory Hybrid Treatment on Developmental Motor Speech Disorders*. Poster presented at the International Association of Orofacial Myology Conference, Washington, D.C.
58. Komeili, M., **Namasivayam, A.K.**, Pukonen, M., Van Lieshout, P.H.H.M., Maassen, B., & Kroll, R. (2012, November). *Treatment Intensity and the Reduction of Phonological Process Errors in Children with Apraxia of Speech*. Poster presented at the Toronto Rehabilitation Research Conference, Toronto, Ontario.
59. Kearney, E., **Namasivayam, A.K.**, Pukonen, M., Van Lieshout, P.H.H.M., Jahnke, R., Spavor, C., & Kroll, R. (2012, November). *Motor Speech Treatment Protocol: Preliminary Data*. Poster presented at the Toronto Rehabilitation Research Conference, Toronto, Ontario.
60. **Namasivayam, A. K.**, Van Lieshout, P.H.H.M., Kroll, R., Le, D. L., & Rudzicz., F (2011, June). *Voice onset self-monitoring abilities in persons who stutter*. Poster presented at the Ninth International Seminar on Speech Production 2011, Montreal, Quebec.
61. **Namasivayam, A.K.**, & Van Lieshout, P. (2006, June). Testing the sensory feedback dependence hypothesis in people who stutter. Poster presented at the 5<sup>th</sup> *International Conference on Speech Motor Control*, Nijmegen, The Netherlands.
62. **Namasivayam, A. K.** & Van Lieshout, P. H.H. M. (2004, June). *Lip kinematics in people who stutter: Comparisons within and across days*. Poster presented at the From Sound to Sense: Fifty+ Years of Discoveries in Speech Communication, Massachusetts Institute of Technology, Cambridge, MA.
63. **Namasivayam, A. K.** & Van Lieshout, P. H.H. M. (2001, June). *Compensation and adaptation to static perturbation in people who stutter*. Poster presented at the 4<sup>th</sup> *International Speech Motor Conference*, Nijmegen, The Netherlands.

64. **Namasivayam, A. K.** & Van Lieshout, P. H.H. M. (2001, August). *Effects of linguistic complexity on static (biteblock) perturbation in people who stutter*. Paper accepted for presentation at the XXV IALP World Congress, Montreal, Quebec.
65. Van Lieshout, P. H. H. M., **Namasivayam, A. K.**, & Bose, A. (2001, August). *Physiological and kinematic effects of a mechanically aided oral-facial resistance exercise program*. Paper accepted for presentation at the XXV IALP World Congress, Montreal, Quebec.
66. **Namasivayam, A. K.** & Van Lieshout, P. H.H. M (2002, May). *Effects of biteblock perturbation on articulatory kinematics and coordination in people who stutter*. Program in Neuroscience Poster Day, Southern Ontario Neuroscience Association, (Ontario's chapter of the Society for Neuroscience), University of Toronto, Toronto.
67. **Namasivayam A. K.**, Sundara, M., & Chen, R. (2000, June). *Effects of auditory and visual stimuli on motor facilitation of speech muscles*. Poster presented at the 139<sup>th</sup> meeting of the Acoustical Society of America, Atlanta, Georgia.
68. **Namasivayam A. K.**, & Savithri, S. R. (1998, June). *A Comparative Study of Speech Motor Programming in Stutterers and Non-Stutterers*. Poster presented at the 16<sup>th</sup> International Congress of Acoustics and 135<sup>th</sup> Acoustical Society of America meeting, Washington, Seattle.

### **Keynote and Invited speaker**

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1. **Namasivayam, A.K.**, Moore., J. Cheung, K., & Van Lieshout, P.H.H.M. (2024, May). *Speech Motor Synergies in Clinical Practice*. Speech-Language & Audiology Canada (SAC) 2024 Conference, Vancouver, BC, Canada.
2. **Namasivayam, A. K.** & Van Lieshout, P. H. H. M. (2023, September). *Data-Driven Treatment Pathway for Children with Motor Speech Disorders*. Keynote presentation at the IX ABRAPRAXIA Conference, São Paulo - Brazil.
3. **Namasivayam, A. K.**, Pukonen, M., & Van Lieshout, P. H. H. M. (2022, August). *Data-Driven Care Pathway for Children Over 36 Months of Age with Motor Speech Disorders*. Keynote presentation at the 8th International Conference on Speech Motor Control, Groningen, The Netherlands.
4. **Namasivayam, A. K.** (March 18<sup>th</sup>, 2022). *Clinical identification of Motor Speech Issues in Children*. Guest Seminar at the University of Western Ontario, Canada.
5. **Namasivayam, A. K.** (November 11th, 2021). *Meta-analysis of the PROMPT Program of Research*. Guest Seminar at the Karolinska Institute, Stockholm, Sweden.

6. **Namasivayam, A. K.** (November 6th, 2021). *Methodology for developing probe wordlists for assessing speech motor control in Childhood Apraxia of Speech (CAS)*. VII National Conference of Child Apraxia of Speech, Sao Paulo, Brazil. Online conference. (Attendees: 449).
7. **Namasivayam, A. K.**, & Van Lieshout, P. H.H. M. (October 25, 2014). *Motor Skills Approach to Stuttering: Clinical Applications*. The Canadian Stuttering Association 2014 Mini-conference, Toronto, Ontario.
8. **Namasivayam, A. K.**, & Van Lieshout, P. H.H. M. (2011). *Sensory-motor Processes and Speech-Motor Skills in Persons Who Stutter*. Invited speaker at the 6th International Conference on Speech Motor Control, Groningen - Nijmegen (June 8-11).
9. **Namasivayam, A. K.** (Dec 8th, 2009). *Motor Skills Approach to Stuttering* - Department of Speech Language and Hearing Sciences, Sri Ramachandra Medical College & Research Institute (Deemed University), Porur, Chennai - 600 116, India.
10. **Namasivayam, A. K.** (July 29th, 2003). *Stuttering Research - Current Trends* Departments of Physiology, Anatomy and Neuroscience, A.L.M Post Graduate Institute for Basic Medical Sciences, Taramani, Madras, India.
11. **Namasivayam, A. K.** (July 30th, 2003). *Stuttering - Speech Motor Control Perspective*. Department of Speech Language and Hearing Sciences, Sri Ramachandra Medical College & Research Institute (Deemed University), Porur, Chennai - 600 116, India.

### **Professional workshops, Literary, Knowledge Translation works and Governmental Reports**

1. **Namasivayam, A.K.** & Van Lieshout, P. H. H. M. (Sept 23, 2023). *Speech Motor Therapy: Synergies in Clinical Practice*. Full day pre-conference workshop training for SLPs at the IX ABRAPRAXIA Conference, São Paulo - Brazil. (Attendees: ~650)
2. **Namasivayam, A.K.**, Morgan, A., Cleland, J., Wren, Y., Shin., H., Atputhajeyam, B. Choy, J., & Van Lieshout, P. H. H. M. (Feb 3, 2023). *Optimizing Treatment Efficiency for Children with Speech Sound Disorders (Ages 4+): Updating Foundations*. Children's Treatment Network, Ministry of Children, Community and Social Services. 1 Day workshop to SLPs/CDA. Greater Toronto Area, Ontario, Canada (Attendees: 180-200)

3. **Namasivayam, A.K.**, Morgan, A., Cleland, J., Wren, Y., Shin., H., Atputhajeyam, B. Choy, J., & Van Lieshout, P. H. H. M. (Feb 3, 2023). (Feb 17, 2023). Optimizing Treatment Efficiency for Children with Speech Sound Disorders (Ages 4+): Optimization. Children’s Treatment Network, Ministry of Children, Community and Social Services. 1 Day workshop to SLPs/CDA. Greater Toronto Area, Ontario, Canada (Attendees:180-200)
4. **Namasivayam, A.K.** (Dec 2, 2021). Levels of Assessment in Childhood Apraxia of Speech (CAS). Department of Speech-Language Pathology, School of Health and Practice, New York Medical College, Valhalla, New York, USA. (Attendees: 40)
5. **Namasivayam, A. K.** (November 22, 2021). PROMPT: How and Why Does Motor Speech Intervention Work? Online Guest Seminar at Kasturba Medical College, Mangalore, India. (Attendees: 83).
6. **Namasivayam, A.K.** (October 21, 2021). Outcome Measures in Speech Sound Disorders. Research to practice issues in Speech-Language Pathology: Part 3. 1 to 1 Rehab Therapy Services. Toronto, Canada (Attendees: 60)
7. **Namasivayam, A.K.** (May 13, 2021). Research to practice issues in Speech-Language Pathology: Speech Sound Disorders - Part 2. 1 to 1 Rehab Therapy Services. Toronto, Canada (Attendees: 60)
8. **Namasivayam, A.K.** (Feb 19, 2021). Research to practice issues in Speech-Language Pathology: Speech Sound Disorders- Part 1. 1 to 1 Rehab Therapy Services. Toronto, Canada (Attendees: 60)
9. **Namasivayam, A.K.** (Dec 7, 2020). Childhood Apraxia of Speech (CAS): Levels of Assessment. Department of Speech-Language Pathology, School of Health and Practice, New York Medical College, Valhalla, New York, USA. (Attendees: 40)
10. **Namasivayam, A.K.** (Nov 11, 2019). Pediatric Motor Speech Disorders: Understanding Evidence Based Practice. Department of Speech-Language Pathology, School of Health and Practice, New York Medical College, Valhalla, New York, USA. (Attendees: 40)
11. **Namasivayam, A.K.** (Nov 10, 2019). Level Up Your Motor Speech Therapy: Evidence-Based Methods for Maximizing Treatment Outcomes. Professional continuing education workshop (6-hours) for Speech-Language Pathologists in NJ, USA. In collaboration with Jennifer Moore, Talk Moore Speech Services and Brave Wings Therapy, NJ, USA. (Attendees: 15)

12. **Namasivayam, A.K.** (2019, June). *Transtornos Dos Sons de Fala em Crianças: Classificação, Investigação e Orientações de Tratamento*. Professional continuing education workshop (15-hours; June 8th and 9th) for Speech-Language Pathologists in São Paulo, Brazil. In collaboration with Maria Gabriela Sanchez from the Instituto Maria de la Paz, La Rioja, Argentina and Pequeños Angeles, Mexico. (Attendees: 103)
13. **Namasivayam, A.K.** (2019, April). *Research-to-Practice in Speech-Language Pathology*. Professional workshop for Speech-Language Pathologists at The Hanen Centre, Toronto. (Attendees: 15)
14. **Namasivayam, A.K.** (October 18, 2018). Research-to-Practice in Developmental Motor Speech Disorders. Department of Speech-Language Pathology, School of Health and Practice, New York Medical College, Valhalla, New York, USA. (Attendees: 50)
15. **Namasivayam, A.K.** (August 4, 2018). Desórdenes Motores del Habla en Niños (Speech Motor Disorders in Children). Buenos Aires, Argentina. Professional continuing education workshop (7-hours) for Speech-Language Pathologists in South America. In collaboration with Maria Gabriela Sanchez from the Instituto Maria de la Paz, La Rioja, Argentina. (Attendees: 109)
16. **Namasivayam, A.K.**, Kearney, E., Sanjeevan, T., Wong., W.Y.S., Granata, F., & Rampersaud, D. (2016, June). *EBP: Critical appraisal and quality of evidence in clinical research*. Professional workshop for Speech-Language Pathologists at The Hanen Centre, Toronto. (Attendees: 20)
17. Chaldi, D., Tsampasian, N., **Namasivayam, A. K.**, & Van Lieshout P. H. H. M. (2014). English to Greek translation of *Focus on the Outcomes of Children Under Six (FOCUS©)*. A clinical tool to evaluate change in communicative-participation in preschool children. Thomas-Stonell, N., Oddson, B., Walker, J. & Rosenbaum, P. (2012). *The Focus©*. Toronto-Ontario. Canada: Holland Bloorview Kids Rehabilitation Hospital.
18. **Namasivayam A. K.**, Pukonen, M., Goshulak, D., Rudzicz, F., Rietveld, T., Maassen, B., Kroll, R., & Van Lieshout, P.H.H.M. (2013). Motor Speech Research Study: Training Report. Ministry of Children and Youth Services Research Report, No.2.
19. **Namasivayam A. K.**, Pukonen, M., Goshulak, D., Rudzicz, F., Rietveld, T., Maassen, B., Kroll, R., & Van Lieshout, P.H.H.M. (2013). Motor Speech Research Study: Research Report. Ministry of Children and Youth Services Research Report, No.1.
20. **Namasivayam A. K** (1997, 2010). Ear care-causes and prevention of hearing loss. Booklet published for the purpose of educating school aged children. Master's Degree year I project- currently Government of India's official and National public education material.

21. Premalatha, S., & **Namasivayam A. K.** (1996). Learn dermatological syndromes through cartoons. A booklet published for graduate & post-graduate medical students.

### **In the Media**

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**Namasivayam (Nov17,2019).** In the spotlight AIC Newsletter ASHA KIRAN 2019. Retrieved from <https://www.sites.google.com/site/asianindiancaucusasha1/newletters>

**Namasivayam (July 26, 2018).** *Advances in Treatment for Speech Motor Disorders.* La Rioja State Television, Argentina.

Van Lieshout, P. H.H. M. & **Namasivayam, A. K.,** (November 23, 2015). *How to determine if your child has a speech disorder.* Retrieved from: [https://www.thestar.com/life/health\\_wellness/2015/11/23/how-to-determine-if-your-child-has-a-speech-disorder.html](https://www.thestar.com/life/health_wellness/2015/11/23/how-to-determine-if-your-child-has-a-speech-disorder.html)

**Namasivayam (July 19, 2011).** Retrieved from: <http://apraxia-kids.blogspot.com/2011/07/interview-with-dr-aravind-namasivayam.html>

### **Scholarships and Other Awards**

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#### **Scholarships & Fellowships:**

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|--------------|---|
| 2001-to-2005 | Connaught Scholarship. University of Toronto, Canada. <i>(Level - Institutional; Value \$88000.00 in total for 4 years).</i>                                  |
| 1999 & 2005  | University of Toronto-Open fellowship. Academic award from the University of Toronto, Canada. <i>(Level - Institutional; Value \$11000).</i>                  |
| 2001 & 2003  | Departmental Top-up scholarship award. Academic scholarship award. University of Toronto, Canada. <i>(Level - Institutional; Value \$1500).</i>               |
| 1999 & 2000  | International Student Academic scholarship award. University of Toronto, Canada. University of Toronto, Canada. <i>(Level - Institutional; Value \$3800).</i> |
| 1999         | Donalda Jean McGeachy Memorial Scholarship for Academic Excellence. University of Toronto, Canada. <i>(Level - Institutional; Value \$18000)</i>              |

**Research Awards:**

- 2022                    **Editor’s Award**  
*American Journal of Speech-Language Pathology (AJSLP)*  
*American Speech and Hearing Association (ASHA).*  
Paper title: Development and Validation of a Probe Word list to Assess Speech Motor Skills in Children.
- 2016                    **National award for Excellence in Applied Research.**  
*Speech-Language and Audiology Canada (SAC).*  
This award acknowledges and honours excellence in a research project that provides support for evidence-based clinical practice in Speech-Language Pathology in Canada.
- 2013                    Best research paper award at the Progress in Motor Control IX-conference. July, 2013 - Montreal, Quebec. (*No cash value*).
- 2013                    “Award of Excellence” from the International Association of Orofacial Myology (IAOM). Best poster at IAOM conference. Washington, D.C. (*No cash value*)
- 1999                    Research in Higher Education Mentoring Award.  
International Research Mentorship award from the American Speech Language and Hearing Association.  
Mentorship location of tenure : Center for Complex Systems & Brain Sciences, Florida Atlantic University, USA. (*Level - International; Value \$1500*).
- 1998                    Presidents award for best experimental research in biomechanics, National Committee on Biomechanics, India. (*Level - National; no cash value*).
- 1997                    Best student paper in physiological acoustics. Awarded by the Acoustical Society of America -Regional Chapter. (*Level - National; no cash value*).

**Academic Awards:**

- 1995                    Gold medal for University first rank in all 3 years of undergraduate program (B.Sc. Speech & Hearing) awarded by the University of Mangalore, India. (*Level - Institutional; No cash value*).



**Professional Awards:**

- 2019                    **Distinguished Service Award**  
Department of Speech-Language Pathology Alumni  
Association, University of Toronto, Toronto, Canada.
- 2018                    **Mentorship Award**  
*Speech-Language and Audiology Canada (SAC).*  
For demonstrating unique and outstanding individual  
achievements in the area of mentorship and contribution to  
the development of others and have served as a role model  
for students and colleagues within the profession.
- 2018                    **Teaching Excellence**  
Department of Speech-Language Pathology,  
University Of Toronto, Toronto, Canada.
- 2005                    Toronto Rehabilitation Institute graduate student  
scholarship prize for excellence and leadership in the  
communication sciences team. Toronto Rehabilitation  
Institute and University of Toronto, Canada. *(Level -  
Institutional; Value \$2500).*
- 2003                    Traineeship on Diagnosis and Treatment of Children who  
stutter. Professional award for specialized training from the  
Stuttering foundation of America and the University of  
Washington, Seattle, USA. *(Level - International; Value  
\$800).*

**Research Grants:**

- 2022-2025            **Co- Investigator:** Developmental Delay: Enabling early  
and accurate detection of speech impairment through a web-  
based assessment application (Code: 2022/MRF2016518)  
*Roslyn Ward (PI)- Curtin University.*  
*Funding Type: Competitive Medical Research Grant*  
*Funding Agency: National Health and Medical Research  
Council -Medical Research Future fund (NHMRC-MRFF)*  
*(Level- International: value \$312,583.90)*
- 2021-2022            **Principal Investigator:** Effectiveness of Kaufman Speech  
to Language Protocol for children with Childhood Apraxia  
of Speech and Comorbidities. Clinical research grant  
*Funding Type: Competitive clinical research grant.*  
*Funding Agency: Kaufman Children's Center, West  
Bloomfield, Michigan, USA.*  
*(Level - International; Value \$80,000 USD).*

- 2021 **Co-Investigator:** Facilitating the diagnosis of speech sound disorders through automatic facial tracking and speech processing: A tool for speech language pathologists. Roslyn Ward et al (PI)  
*Funding Type: Competitive research grant*  
*Funding Agency: WANMA 2021 grant program - Future Health Research and Innovation Fund. Government of Western Australia.*  
*(Level - International; Value \$74,000 AUD).*
- 2019-2024 **Co-Investigator:** Trilingualism in French immersion: predictors of reading success and reading difficulty in a third language.  
Social Sciences & Humanities Research Council of Canada (SSHRC): Insight Grants: #435-2019-1180.  
*(Level-National; Value \$84,984 CDN)*
- 2013-2019 **Principal Investigator:** Treatment Efficacy for Developmental Motor Speech Disorders: Randomized Controlled Trial. NIH ClinicalTrials.gov Identifier: NCT02105402.  
*Funding Type: Competitive clinical research grant.*  
*Funding Agency: The PROMPT Institute, Santa Fe, NM, USA.*  
*(Level - International; Value \$750,000 USD).*
- 2014 **Co- Investigator:** Identification of motor-speech impairment in speech sound disorders: Implications for intervention.  
*Funding Agency: Princess Margaret Hospital for Children, WA, Australia.*  
Roslyn Ward (PI) with Barty, E., Valentine, J., & Claessen, M. (other Co- PIs).  
*(Level - International; Value \$20,000 AUD).*
- 2011 **Principal Investigator:** Exploring the Relationship Between Treatment Intensity and Treatment Outcomes for Children with Apraxia of Speech.  
*Funding Agency: Childhood Apraxia of Speech Association of North America (CASANA) - Treatment Research Grant.*  
*(Level - International; Value \$25,000 USD).*

### **Other Awards:**

- 2003 Vivekananda Graduate Prize. Spirit of education and philanthropy award from The Vedanta Society of Toronto, Toronto, Canada. (*Level - Institutional; Value \$750*).
- 2003 Competitive Travel Grant to present a research poster at the “From Sound to Sense: Fifty+ Years of Discoveries in Speech Communication” Awarded by MIT's Research Laboratory of Electronics, the Harvard-MIT Division of Health Sciences and Technology and the National Science Foundation, USA. (*Level - International; Value \$350*).

### **Professional Activities and Contributions**

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#### **Evaluation of scientific articles**

- Editor (Special Issue), Journal of Speech, Language and Hearing Research (2019)
- International Journal of Language & Communication Disorders (2014- Present)
- Reviewer, Research in Developmental Disabilities (2013- Present)
- Reviewer, Journal of Speech-Language and Hearing Research (2012-Present)
- Reviewer, Journal - Human Movement Science (2010-Present)
- Reviewer, The Canadian Journal of Speech-Language Pathology and Audiology (2007).
- Reviewer, Journal of Fluency Disorders (2009-Present).
- Reviewer, Journal of Communication Disorders (2013).
- Reviewer, Journal of Indian Speech and Hearing Association (2009-Present).

#### **Community / non-profit sector activities**

- Director, Speech Research Centre, Toronto (2018). A Centre for research-to-practice and knowledge translation services for Speech-language Pathology.
- Founding member, Board of Directors and Fluency disorders consultant (since 2009): Hear2Speak.org (nonprofit organization for improving speech pathology and audiology services in developing countries -includes organizing knowledge transfer, international clinical placements and improving accessibility to services in rural areas- new site under construction).
- Member of communication disorders group and past member of Transition Committee: International Center for Disability and Rehabilitation (ICDR), Rehabilitation Sciences Building, Toronto, Canada. (2003 & 2009).

### **Committee membership and departmental services**

- Program and Organizing committee- 8<sup>th</sup> International Conference on Speech Motor Control, Groningen, The Netherlands. (2022)
- Program and Organizing committee- 7<sup>th</sup> International Conference on Speech Motor Control, Groningen, The Netherlands. (2017)
- Research-to-Practice Curriculum committee-Unit 8- Dept of Speech-Language Pathology, University of Toronto (2014).
- Graduate faculty search committee, Department of Speech-Language Pathology, University of Toronto. (2003 & 2005).
- Member of organizing committee for visiting high school students from Toronto District School Board Co-operative education program. (2000).
- Student Representative for the Computer Committee - Department of Speech-Language Pathology, University of Toronto. (1999-2000).
- University cultural secretary - Institute of Health Sciences, University of Mangalore. (1993-1994).

### **Grant Reviewer**

- National Science Foundation (NSF, USA; 2016).
- Childhood Apraxia of Speech Association of North America (CASANA; 2015).
- The PROMPT Institute, Santa Fe, NM, USA (2014-Present).
- Therapeutic sciences discipline - Ontario Graduate Scholarships (OGS). Ministry of Training, Colleges and Universities (2012).

### **Professional Memberships and Licensure**

- Registered Speech-Language Pathologist (Reg. CASLPO state licensure no: 7263).
- Certified by Canadian Association of Speech-Language Pathologists and Audiologists (CASLPA; S-LP(C) #10277).
- International Affiliate - American Speech-Language-Hearing Association (ASHA; 2010-Present).
- Indian Speech and Hearing Association - life member (ISHA; L-345).
- Member of Academy of Biomedical Scientists-- life member.

### **Supervisory experience**

- **Oral Dynamics Lab Manager** ( 2004-2009- Under the direction of Dr. Pascal Van Lieshout), I have personally trained and supervised 37 undergraduate and graduate students on various lab tasks such as subject recruitment, ethics protocols, experimental set-up, instrumentation handling, data collection, analysis and statistics. I have an excellent and documented feedback from those I have trained that reflect on my abilities as a supervisor viz., team motivation, capacity to team build, overall team productivity.

### **Professional Development: Seminars, workshops and traineeships**

- Cochlear Implant Training Workshop at the Australian Bionic Ear and Hearing Institute, Melbourne, Australia, March 16<sup>th</sup>- 20<sup>th</sup>, 1998.
- Auditory-Verbal Advanced Short Course, University of Sydney, Australia, July 13<sup>th</sup>-15<sup>th</sup>, 1998.
- Advanced Pediatric Cochlear Implant Workshop at the Bionic Ear Institute, Melbourne, Australia, July 20<sup>th</sup>- 23<sup>rd</sup>, 1998.
- Aphasia: Cognitive approaches to assessment and treatment, Toronto rehabilitation Institute, Toronto, Canada, March 1999.
- Human Ethics workshop, University of Toronto, June 10<sup>th</sup> 1999.
- Behavioral Neurology Academic Clinic Day Program, University of Toronto, Toronto, Canada, April 2001.
- Quality of Supervision workshop, Department of Speech-Language Pathology, University of Toronto, Canada, April 2002.
- Grantsmanship seminar: The Samuel Lunenfeld Research Institute, Mt. Sinai Hospital, Toronto, Canada, January 20<sup>th</sup> 2003.
- Traineeship: 2003 Western workshop on Diagnosis and Treatment of Children who stutter. Stuttering Foundation of America and University of Washington, Seattle, USA, June 25<sup>th</sup> -to- 29<sup>th</sup>.
- Developing an Academic and Teaching Dossier seminar. Organized by the Career center, University of Toronto, Canada September 29<sup>th</sup> 2003.
- Project Magic workshop: Use of Magic in therapy. Organized by David Copperfield and Julie De Jean and the Bloorview MacMillan Children's Center, Toronto, Canada October 15<sup>th</sup>, 2003.
- Teaching in Higher Education (THE500H) course. One academic term (4 months).
- Laboratory safety training course - University of Toronto, Faculty of Medicine, Thursday, Sept. 8th, 2005.
- Grant Writing Workshop - Toronto Rehabilitation Institute. May 4<sup>th</sup> 2007.
- Evidence-Based Practice Workshop: From Journal Critique to Clinical Practice. Department of Communication Disorders, Baycrest Centre for Education on Aging. Toronto, Canada. May 10-11<sup>th</sup> 2007.
- Publishing in Biomedical Journals: Hints for Success from a Journal Editor. The Centre for Brain & Behaviour, Hospital for Sick Children, Toronto. May 28th 2007.
- Leadership in Science: A Forum for Trainees and New Investigators. The Institute of Circulatory and Respiratory Health. Canadian Institutes of Health Research (CIHR). Toronto, Canada. June 5-6th 2007.
- Best Practices in Videofluoroscopic Assessment and Rehabilitation for Acquired Oropharyngeal Dysphagia: An Intermediate / Advanced course for Speech-Language Pathologists. Toronto Rehabilitation Institute, Toronto, Canada. Jan 29-30 2009.
- Certificate of completion - Tri-council policy statement on the Ethical conduct for research involving humans. June 16 2009.
- Introduction to PROMPT treatment- 2 day workshop on motor speech assessment and treatment using PROMPT approach - February 16-18 2012.

- Systematic Review, Meta-Analysis and RCT Workshop- June 5-7 , 2013.
- Motor Skill Learning & Neuroplastic change in the neurological patient - May 4-5<sup>th</sup> 2013 (15 hours) - Organized by Physio-Logic Neurological Rehabilitation.
- The Kaufman Speech to Language Protocol - April 12, 2013, Hamilton, Canada.
- PROMPT Bridging (Level II) workshop, New York October 2018.
- Specialist Knowledge Translation Training (SKTT™) workshop on January 24-25, 2019 (The Hospital for Sick Children, Toronto, Canada).
- Fluency Plus Clinician’s Training 3-day Workshop- Comprehensive Treatment for school age children who stutter (May 2022, The Speech & Stuttering Institute).
- Speech Intelligibility Treatment Certificate (July 2022). Speech Production And Perception Lab Teachers College, Columbia University.
- Evaluation and Treatment of Childhood apraxia of speech: The Kaufman K-SLP methods and Behavioral Strategies to build vocal communication. Northern Speech Services. (6 hours, August 2022).
- It Takes Two to Talk -Hanen Certification 3-day Workshop (August 2022).
- More than Words - Hanen Certification 3-day Workshop (October 2022).
- Dyslexia DecodED - Microsoft training 5-hour certification. (October 2022).

**Additional skills**

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- A+ Certification (computer hardware professional training), HiTech Institute, Toronto, Canada, July 2000.
- First aid and CPR (level C) provider: Certified by the Canadian Red Cross (2022).
- **Language Fluency**

<b>Languages</b>	<b>Oral Communication</b>	<b>Reading &amp; Writing</b>
English	Yes	Yes
Tamil	Yes	Yes
Hindi	Yes	Yes
Kannada	Yes	No
Japanese	Beginner level	No
Spanish	Beginner level 1	Beginner level 1

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I certify that the above information is true and correct.

Aravind Namasivayam  
Signature

July 2024  
Date