

Curriculum Vitae

SCOTT G. ADAMS, Ph.D.

Professor
School of Communication Sciences & Disorders
Faculty of Health Sciences
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EDUCATION

- 1986-1990 Doctor of Philosophy in Communicative Disorders, University of Wisconsin-Madison (Advisors: Raymond Kent & Gary Weismer)
- 1980-1982 Masters of Health Sciences in Speech Pathology, University of Toronto.
- 1974-1978 Bachelor of Science (Honours) in Physiology and Psychology, University of Western Ontario.

CURRENT ACADEMIC AND RESEARCH APPOINTMENTS

- 2010-present Professor, School of Communication Sciences & Disorders,
Faculty Health Sciences, Western University
- 2011-present Professor, Department of Clinical Neurological Sciences, Faculty
of Medicine, Western University

PREVIOUS ACADEMIC AND PROFESSIONAL WORK EXPERIENCE

- 1998-2011 Associate Professor, Department of Clinical Neurological Sciences, Faculty of Medicine, University of Western Ontario
- 1998-2010 Associate Professor, School of Communication Sciences & Disorders, Faculty Health Sciences, University of Western Ontario
Date tenured: July 1, 1998
- 1994-1998 Assistant Professor, Department of Communicative Disorders, Faculty of Applied Health Sciences, University of Western Ontario
- 1990-1994 Speech Scientist, Department of Speech Pathology, The Toronto Hospital.
- 1990-1994 Assistant Professor, Faculty of Medicine, Department of Speech Pathology, University of Toronto.
- 1990-1994 Research Associate, Playfair Neuroscience Unit, Toronto Hospital, Toronto Western Division.
- 1990-1994 Associate Member, School of Graduate Studies, University of Toronto.
- 1994-1994 Assistant Professor, Faculty of Medicine, Department of Otolaryngology, University of Toronto.
- 1994-1994 Associate Member, Program in Neuroscience, University of Toronto.
- 1987-1989 Project Assistant, University of Wisconsin-Madison. NINCDS Grant, Studies in Apraxia of Speech.
- 1986-1987 Research Assistant, University of Wisconsin-Madison. NIH Grant, Intelligibility Assessment in Dysarthria. Investigators: Kent, R.D., Weismer, G., and Rosenbek, J.C.
- 1984-1986 Research Associate, Faculty of Medicine, University of Toronto. NHWC Grant, Disruptions to Limb, Oral and Verbal Movements in Neurologically Impaired Adults. Investigators: Roy, E.A. and Square, P.A.
- 1982-1984 Speech-Language Pathologist, York Central Hospital, Richmond Hill, Ontario.

PUBLICATIONS

Journal Articles (Career total = 64)

64. Gaballah, A., Parsa, V., Cushnie-Sparrow, D., & Adams, S. (2021). Improved Estimation of Parkinsonian Vowel Quality through Acoustic Feature Assimilation. *Scientific World Journal*, Volume 2021, Article ID 6076828, 11 pages, doi.org/10.1155/2021/6076828.
63. Knowles, T., Adams, S., & Jog, M. (2021). Speech rate mediated vowel and stop voicing distinctiveness in Parkinson's disease. *Journal of Speech, Language, and Hearing Research*, 64, 4096-4123.
62. Knowles, T., Adams, S., & Jog, M. (2021). Variation in Speech Intelligibility Ratings as a Function of Speech Rate Modification in Parkinson's Disease. *Journal of Speech, Language, and Hearing Research*, 64, 1773-1793.
61. Senthinathan (Abeysekera), A., Adams, S., Page, A., & Jog, M. (2021). Speech intensity response to altered intensity feedback in individuals with Parkinson's disease. *Journal of Speech, Language, and Hearing Research*, 64, 2261-2275.
60. Page, A.D., Elhayek, N., Baylor, C., Adams, S., Jog, M. & Yorkston, K. (2021). Exploring the psychosocial impact of Botulinum Toxin Type-A injections for individuals with oromandibular dystonia: A qualitative study of patients' experiences. *American Journal of Speech Language Pathology*, 30, 1314-1328.
59. Senthinathan (Abeysekera), A. & Adams, S. (2020). Effects of Altered Intensity Feedback on Speech in Healthy Speakers, *Canadian Acoustics*, 48(3), 43-51.
58. Knowles, T., Adams, S., Page, A., Cushnie-Sparrow, D., & Jog, M. (2020). A comparison of speech amplification and personal communication devices for hypophonia. *Journal of Speech, Language, and Hearing Research*, 63, 2695-2712.
57. Adams, S. Kumar, N., Rizek, P., Hong, A., Zhang, J., Abeysekera, A., Mancinelli, C., Knowles, T. and Jog, M. (2020). Efficacy and acceptance of a Lombard-response device for hypophonia in Parkinson's disease. *Canadian Journal of Neurological Sciences*, Volume 47, Issue 5, 634-641.
56. Wilson, C., Page, A.D., & Adams, S.G. (2020). Listener ratings of effort, speech intelligibility, and loudness of individuals with PD and hypophonia. *Canadian Journal of Speech Language Pathology and Audiology*, 44(2), 33-48.

55. Gaballah, A., Parsa, V., Andreetta, M., & Adams, S. (2019). Objective and subjective speech quality assessment of amplification devices for patients with Parkinson's disease. *IEEE Transactions on Neural Systems and Rehabilitation Engineering*, Volume 27, Issue 6, June 2019, Article number 8708212, Pages 1226-1235
54. Im, H., Adams, S., Abeysekera, A., Pieterman, M., Gilmore, G., & Jog, M. (2019). Effect of levodopa on speech dysfluency in Parkinson's disease. *Movement Disorders Clinical Practice*, 6(2), 150-154.
53. Domingo, Y., Page, A.D., & Adams, S.G. (2019). Examining speech intelligibility in speakers with oromandibular dystonia receiving botulinum toxin therapy: a case series. *Canadian Journal of Speech Language Pathology and Audiology*, 43(3), 153-165.
52. Abeysekera, A., Adams, S., Mancinelli, C., Knowles, T., Gilmore, G., Delrobaei, M. & Jog, M. (2019). Effect of different STN-DBS parameters on voice quality, speech intensity, and prosody in Parkinson's disease. *Canadian Journal of Neurological Sciences*, 46(3), 287-294.
51. Page, A.D., Siegel, L., Baylor, C., Adams, S. & Yorkston, K. (2019). The Consequences of Oromandibular Dystonia on Communicative Participation: A Qualitative Study of the Insider's Experiences. *American Journal of Speech-Language Pathology*, 28(2), 771-783.
50. Gaballah, A., Parsa, V., Andreetta, M., & Adams, S. Assessment of amplified parkinsonian speech quality using deep learning. *Canadian Electrical and Computer Engineering*, 2018. doi:10.1109/CCECE.2018.8447721
49. Pieterman, M., Adams, S., & Jog, M. Method of Levodopa Response Calculation Determines Strength of Association with Clinical Factors in Parkinson Disease. *Frontiers in Neurology*, 9; 260, 1-8, 2018.
48. Cushnie-Sparrow, D., Adams, S., Abeysekera, A., Pieterman, M., Gilmore, G. & Jog, M. Voice quality severity and response to levodopa in Parkinson's disease. *Journal of Communication Disorders*, 76, 1-10, 2018.
47. Knowles, T., Adams, S.G., Abeysekera, A., Mancinelli, C., Gilmore, G., & Jog, M. Deep brain stimulation parameter optimization for vowel acoustics and speech intelligibility in Parkinson's disease. *Journal of Speech, Language, and Hearing Research*, 63; 3, 510-524, 2018.

46. Cushnie-Sparrow, D., Adams, S., Knowles, T., Leszcz, T., and Jog, M. Effects of Multi-talker Noise on the Acoustics of Voiceless Stop Consonants in Parkinson's Disease. *Western Papers in Linguistics / Cahiers linguistiques de Western: Vol. 3: Issue 1, Article 2*, 2016
45. Andreetta, M. D., Adams, S. G., Dykstra, A. D., & Jog, M. Evaluation of speech amplification devices in Parkinson's disease. *American Journal of Speech-Language Pathology*, 25(1), 29-45, 2016.
44. McCaig, C. M., Adams, S. G., Dykstra, A. D., & Jog, M. Effect of concurrent walking and interlocutor distance on conversational speech intensity and rate in Parkinson's disease. *Gait and Posture*, 43, 132-136, 2016.
43. Dykstra, A., Domingo, Y., Adams, S., & Jog, M. Examining speech intelligibility and self-ratings of communicative effectiveness in speakers with oromandibular dystonia receiving botulinum toxin therapy. *Canadian Journal of Speech-Language Pathology and Audiology* 39, 334-345, 2016.
42. Dykstra, A. D., Adams, S. G., & Jog, M. Examining the relationship between speech intensity and self-rated communicative effectiveness in individuals with Parkinson's disease and hypophonia. *Journal of Communication Disorders*, 56, 103-112, 2015.
41. Clark, J., Adams, S.G., Dykstra, A., Moodie, S. & Jog, M. Loudness perception and speech intensity control in Parkinson's disease. *Journal of Communication Disorders*, 51, 1-12, 2014.
40. Adams, S.G., Dykstra, A., & Jog, M. A Comparison of Throat and Head Microphones in a PDA-based Evaluation of Hypophonia in Parkinson's Disease. *Journal of Medical Speech Language Pathology*, 20(4), 1-6, 2012.
39. Dykstra, A., Adams, S.G., & Jog, M. Examining the conversational speech intelligibility of individuals with hypophonia associated with Parkinson's disease. *Journal of Medical Speech Language Pathology*, 20(4), 53-58, 2012.
38. Dykstra, A., Adams, S. & Jog, M. The effect of background noise on the speech intensity of individuals with hypophonia associated with Parkinson's disease. *Journal of Medical Speech Language Pathology* 20 (3), 19-30, 2012.
37. Adams, S.G., Winnell, J., & Jog, M. Effects of Interlocutor Distance, Multi-talker Background Noise, and a Concurrent Manual Task on Speech Intensity in Parkinson's Disease. *Journal of Medical Speech Language Pathology*, 18, 1-8, 2010.

36. Holmes, J.D., Jenkins, M.E., Johnson, A.M., Adams, S.G., & Spaulding, S.J. Dual task interference: The effects of verbal cognitive tasks on upright postural stability in Parkinson's disease. *Parkinson's Disease*, (doi:10.4061/2010/696492), 1-5, 2010.
35. Adams, S.G., Dykstra, A., Jenkins, M. & Jog, M. Speech-to-noise levels and conversational intelligibility in hypophonia and Parkinson's disease. *Journal of Medical Speech Language Pathology*, 16, 165-172, 2008.
34. Hisson, R. & Adams, S.G. Critical review of the evidence for residual long-term speech deficits following transient cerebellar mutism in childhood. *Canadian Journal of Speech-Language Pathology and Audiology*, 32,123-128, 2008.
33. Iulianella, I., Adams, S.G., & Gow, A.K. Effects of sub-thalamic deep brain stimulation on speech production in Parkinson's disease: A critical review of the literature. *Canadian Journal of Speech-Language Pathology and Audiology*, 32, 85-91, 2008.
32. Dykstra, A., Hakel, M. & Adams, S.G. Application of the ICF to reduced speech intelligibility in dysarthria. *Seminars in Speech and Language*, 28, 301-311, 2007.
31. Dykstra, A., Adams, S.G., & Jog, M. The effect of Botulinum toxin A on the speech intelligibility of an individual with lingual dystonia. *J. of Medical Speech- Language Pathology*,15(2), 173-186, 2007.
30. Adams, S.G., Dykstra, A., Abrams, K., Winnell, J., Jenkins, M., & Jog, M. Conversational speech intensity under different noise conditions in hypophonia and Parkinson's. *Canadian Acoustics*, 34, 96-97, 2006.
29. Adams, S.G., Moon, B., Dykstra, A., Abrams, K., Jenkins, M. & Jog, M. Effects of multi-talker noise on conversational speech in Parkinson's disease. *J. Medical Speech-Language Pathology*, 14, 221-228, 2006.
28. Jenkins, M., Adams, S.G., Dykstra, A. & Jog, M. Effects of Topiramate on essential tremor of the hand, jaw and voice. *J. of Medical Speech-Language Pathology*, 14, 43-52, 2006.
27. Johnson, A.M., & Adams, S.G. Non-pharmaceutical management of hypokinetic dysarthria in Parkinson's disease. *Geriatrics and Aging*, 9, 40-43, 2006.
26. Adams, S.G., Haralabous, O., Dykstra, A., Abrams, K., & Jog, M. Effects of multi-talker

background noise on the intensity of spoken sentences in Parkinson's disease. *Canadian Acoustics*, 33, 94-95, 2005.

25. Dykstra, A., Adams, S.G., & Jog, M. Lingual protrusion and elevation in lingual dystonia: A hypothesis. *Canadian Acoustics*, 33, 98-99, 2005.

24. Adams, S.G., Jog, M., Eadie, T., Dykstra, A., Gauthier, G., & Vercher, J. J. Jaw and finger movements during visual and auditory motor tracking in Parkinson's disease. *Medical Speech-Language Pathology*, 11, 215-222, 2004.

23. Adams, S.G., Page, A. and Jog M. Summary feedback schedules and speech motor learning in Parkinson's disease, *J. of Medical Speech-Language Pathology*, 10, 215-220, 2002.

22. Balter, M., Adams, S.G., and Chapman, K.R. Inhaled Beclomethasone Dipropionate improves acoustic measures of voice in patients with asthma. *Chest*, 120, 1829-1834, 2001.

21. Adams, S.G. & Page, A. Effects of selected practice and feedback variables on speech motor learning. *J. Medical Speech Language Pathology*, 8, 215-220, 2000.

20. Dromey, C. & Adams, S.G. Loudness perception and hypophonia in Parkinson's disease, *J. Medical Speech-Language Pathology*, 8, 255-259, 2000.

19. Adams, S.G., Reyno-Briscoe, K., and Hutchinson, L. Acoustic correlates of monotone speech in Parkinson's Disease. *Canadian Acoustics*, 26, 86-87, 1998.

18. Shaiman, S., Adams, S.G. and Kimelman, M.D.Z. Velocity profiles of lip protrusion across changes in speaking rate. *Journal of Speech, Language and Hearing Research*, 40, 144-158, 1997.

17. Adams, S.G., Irish, J.C., Durkin, L.C., Wong, D.H., and Brown, D. Evaluation of vocal function in unilateral vocal fold paralysis following thyroplastic surgery. *Journal of Otolaryngology*, 25, 165-170, 1996.

16. Liu, T.C., Irish, J.C., Adams, S.G., Hunt, E.J., and Durkin, L.C. A prospective study of patients' subjective responses to Botulinum toxin injection for spasmodic dysphonia. *Journal of Otolaryngology*, 25, 66-74, 1996.

15. Adams, S.G., Durkin, L.C., Irish, J.C., Wong, D.L.H., and Hunt, E.J. The effects of Botulinum toxin injections on aerodynamic measures of spasmodic dysphonia. *Laryngoscope*, 106; 296-300, 1996.

14. Adams, S.G., Hunt, E.J., Irish, J.C., Charles, D.A., Lang, A.E., Durkin, L., and Wong, D.L.H. A comparison of Botulinum toxin injection procedures in adductor spasmodic dysphonia. *Journal of Otolaryngology*, 24; 345-351, 1995.
13. Wong, D.L.H., Adams, S.G., Irish, J.C., and Durkin, L., Hunt, E.J. and Charlton, M.P. The effect of neuromuscular activity on the response to Botulinum toxin injections in spasmodic dysphonia. *Journal of Otolaryngology*, 24, 209-216, 1995.
12. Shaiman, S., Adams, S.G. & Kimelman, M.D.Z. Timing relationships of the upper lip and jaw across changes in speaking rate. *Journal of Phonetics*, 23, 119-128, 1995.
11. Wong, D.H., Irish, J.C., Adams, S.G., Durkin, L.C. and Hunt, E.J. Laryngeal image analysis following botulinum toxin injections in spasmodic dysphonia. *Journal of Otolaryngology*, 24, 64-68, 1995.
10. Adams, S.G., Hunt, E.J., Charles, D.A. and Lang, A.E. Unilateral versus bilateral Botulinum toxin injections in spasmodic dysphonia: Acoustic and perceptual results. *Journal of Otolaryngology*, 22, 171-175, 1993.
9. Adams, S.G., Weismer, G. and Kent, R.D. Speaking rate and speech movement velocity profiles. *Journal of Speech and Hearing Research*, 36, 41-54, 1993.
8. Adams, S.G. and Lang, A.E. Can the Lombard effect be used to improve low voice intensity in Parkinsonian speakers. *European Journal of Disorders of Communication*, 27, 2, 121-127, 1992.
7. McNeil, M.R. and Adams, S.G. A comparison of speech kinematics among apraxic, conduction aphasic, ataxic dysarthric and normal geriatric speakers. *Clinical Aphasiology*, 19, 279-294, 1991.
6. Roy, E.A., Square-Storer, P.A., Hogg, S. and Adams, S.G. Analysis of task demands in apraxia. *International Journal of Neuroscience*, 56, 177-186, 1991.
5. Forrest, K., Weismer, G., and Adams, S.G. Statistical comparison of movement amplitudes from groupings of normal geriatric speakers. *Journal of Speech and Hearing Research*, 33, 386-389, 1990.
4. McNeil, M.R., Weismer, G., Adams, S.G., and Mulligan, M. Oral structure nonspeech motor control in normal, dysarthric, aphasic and apraxic speakers: Isometric force and static

position. *Journal of Speech and Hearing Research*, 33, 255-268, 1990.

3. Square, P.A., Chumpelik, D., Morningstar, D. and Adams, S.G. Efficacy of the PROMPT system of therapy for the treatment of apraxia of speech: A follow-up investigation. In R. Brookshire (Ed.), *Clinical Aphasiology Conference Proceedings*, Minneapolis, BRK Publishers, pp. 221-226, 1986.

2. Square, P.A., Chumpelik, D. and Adams, S.G. Efficacy of the PROMPT system of therapy for the treatment of acquired apraxia of speech. In R. Brookshire (Ed.), *Clinical Aphasiology Conference Proceedings*, Minneapolis, BRK Publishers, pp. 319-320, 1985.

1. Roy, A.E., Square, P.A., Adams, S. Friesen, H. Error/Movement notation systems in apraxia. *Semiotics Inquiry*, 4, 402-412, 1985.

Book Chapters (Career total = 9)

Adams, S.G. & Dykstra, A. Hypokinetic dysarthria. In M. R. McNeil (Ed.), *Clinical Management of Sensorimotor Speech Disorders*. New York: Thieme Pub., 2009.

Dykstra, A. & Adams, S.G. Oromandibular dystonia. In M. R. McNeil (Ed.), *Clinical Management of Sensorimotor Speech Disorders*. New York: Thieme Pub., 2009.

Adams, S.G. & Jog, M. Parkinson's disease. In M. R. McNeil (Ed.), *Clinical Management of Sensorimotor Speech Disorders*. New York: Thieme Pub., 2009.

Adams, S.G. & Jenkins, M. Multi-system atrophy. In M. R. McNeil (Ed.), *Clinical Management of Sensorimotor Speech Disorders*. New York: Thieme Pub., 2009.

Adams, S.G. Hypokinetic dysarthria in Parkinson's disease. In M. R. McNeil (Ed.), *Clinical Management of Sensorimotor Speech Disorders*. New York: Thieme Pub., 1997.

Kent, R.D., Adams, S.G. and Turner, G. Models of speech production. In N. J. Lass (Ed.), *Principles of Experimental Phonetics*. Toronto: Academic Press, 1996.

Adams, S.G. Accelerated speech in a case of hypokinetic dysarthria: Descriptions and treatment. In J. Till, K. Yorkston & D. Beukelman (Eds.), *Recent Advances in Clinical Dysarthria*. Baltimore: P.H. Brookes Pub., 1993.

Forrest, K., Adams, S.G., McNeil, M.R. and Southwood, H. Kinematic, electromyographic and perceptual evaluation of speech apraxia, conduction aphasia, ataxic dysarthria and normal speech production. In C. A. Moore, K. A. Yorkston and D. R. Beukelman (Eds.), *Dysarthria and Apraxia of Speech*. Baltimore: P. H. Brookes, 1991.

Kent, R.D. and Adams, S.G. The Concept and Measurement of Coordination in Speech Disorders. In: Wallace, S.A. (Ed.), *Perspectives on the Coordination of Movement*, Amsterdam: North-Holland, 1989.

CONFERENCE PRESENTATIONS (Career total = 154)

154. Cushnie-Sparrow, D., Adams, S., Parsa, V., & Jog, M. Acoustic and perceptual correlates of loudness in hypophonia associated with Parkinson's disease. Conference on Motor Speech, Charleston, NC, Feb 17-20, 2022.

153. Page, A., Schroeder, J., Adams, S., & Jog, M. A comparison of voice amplifiers and personal communication systems in individuals with hypophonia: an exploration of communicative participation. Conference on Motor Speech, Charleston, NC, Feb 17-20, 2022.

152. Adams, S., Choon-Kon-Yune, I., Senthinathan (Abeysekera), A., Pieterman, M., Gilmore, G. & Jog, M. Levodopa-responsiveness and the severity of speech intensity and rate symptoms in Parkinson's disease. Conference on Motor Speech, Charleston, NC, Feb 17-20, 2022.

151. Adams, S., Gunguly, J., Johnson, C., Aur, D. & Jog, M. Effects of Cerebello-Spinal Transcranial Pulsed Current Stimulation (tPCS) on Speech in Neurodegenerative Ataxia. Conference on Motor Speech, Charleston, NC, Feb 17-20, 2022.

150. Knowles, T., Adams, S., Jog, M. Stop voicing contrasts in Parkinson's: Effect of modified speaking rate in connected speech. Boston Speech Motor Control Symposium, Boston, Massachusetts, June 17-18, 2021.

149. Knowles, T., Adams, S., Jog, M. Speech intelligibility across a speech rate continuum in Parkinson's disease. 18th Biennial Conference of the International Clinical Phonetics and Linguistics Association (ICPLA 2020), Glasgow, Scotland, Sept. 1-4, 2020 (postponed to June 22-25, 2021) (accepted).

Knowles, T., Adams, S., Jog, M. VOT voicing distinction is robust along a speech rate continuum in dysarthria. Submitted to *Laboratory Phonology* 17. July 6 - 8, 2020, Vancouver,

BC.

Knowles, T., Adams, S., & Jog, M. Acoustic changes along a modified speech rate continuum. Conference on Motor Speech, Santa Barbara, California, Feb. 19-23, 2020.

Page, A.D., Elhayek, N., Baylor, C., Adams, S., Jog, M. & Yorkston, K. Exploring the psychosocial impact of Botulinum Toxin Type-A injections for individuals with oromandibular dystonia: A qualitative study of patients' experiences. Conference on Motor Speech, Santa Barbara, California, Feb. 19-23, 2020.

Abeyesekera, A., Adams, S., Page, A., & Jog, M. Speech intensity response to altered intensity feedback in individuals with Parkinson's disease. Conference on Motor Speech, Santa Barbara, California, Feb. 19-23, 2020.

Knowles, T., Adams, S., Page, A., Cushnie-Sparrow, D., & Jog, M. Evaluating the efficacy of voice amplification and personal communication devices in Parkinson's disease. American Speech-Language and Hearing Association (ASHA) Conference, Boston, MA., November, 2018.

Page, A., Elhayek, N., & Adams, S. Examining the health-related quality of life of individuals with oromandibular dystonia receiving botulinum toxin therapy. American Speech-Language and Hearing Association (ASHA) Conference, Boston, MA., November, 2018.

Gaballah, A., Parsa, V., Andretta, M., & Adams, S. Objective and Subjective Assessment of Amplified Parkinsonian Speech Quality. 40th Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC'18) at the Honolulu, HI, USA, on July 17-21, 2018.

Knowles, T., Adams, S.G., Page, A.D., Cushnie-Sparrow, D., & Jog, M. A comparison of voice amplification devices in Parkinson's disease. ASHA Connect Conference, Baltimore, MD., July 2018.

Gaballah, A., Parsa, V., Andretta, M., & Adams, S. Assessment of Amplified Parkinsonian Speech Quality Using Deep Learning. 31st Canadian Conference on Electrical & Computer Engineering, Quebec City, Canada, May 13-16, 2018.

Abeyesekera, A., Adams, S., Page, A. & Jog, M The role of auditory feedback for speech intensity regulation in Parkinson's disease. Conference on Motor Speech, Savannah, Georgia, Feb. 22-25, 2018.

Knowles, T., Adams, S., Page, A., Cushnie-Sparrow, D., and Jog, M. Comparison of

speech amplification devices in individuals with Parkinson disease. Speech-Language & Audiology Canada (SAC) Conference 2018, Edmonton, AB, May 3-5, 2018.

Cushnie-Sparrow, D., Adams, S., Abeysekera, A., Pieterman, M., Gilmore, G. & Jog, M. Effects of levodopa on voice quality in Parkinson's disease. Conference on Motor Speech, Savannah, Georgia, Feb. 22-25, 2018.

Adams, S. Kumar, N., Rizek, P., Hong, A., Zhang, J., Abeysekera, A., Mancinelli, C., Knowles, T. and Jog, M. Efficacy and acceptance of a low-cost Lombard-response device for the treatment of hypophonia in Parkinson's disease. Conference on Motor Speech, Savannah, Georgia, Feb. 22-25, 2018.

Wilson, C., Page, A.D., & Adams, S.G. The effect of hypophonia on listener ratings of effort and speech intelligibility in background noise. Annual Convention of the American Speech-Language-Hearing Association, Los Angeles, CA, November, 2017.

Cushnie-Sparrow, D., Adams, S., Abeysekera, A., Pieterman, M., Gilmore, G. & Jog, M. Effects of Dopamine Therapy on Voice Quality in Parkinson's Disease. Health and Rehabilitation Sciences Graduate Research Forum, Western University, February, 2017.

Cushnie-Sparrow, D., Adams, S., Abeysekera, A., Pieterman, M., Gilmore, G. & Jog, M. Dopamine medication and voice quality in Parkinson's disease. Queen's 19th Annual Rehabilitation Research Colloquium, Queen's University, Kingston, ON, May 26, 2017.

*** Awarded Best Oral Presentation**

Mancinelli, C., Adams, S., Abeysekera, A., Knowles, T., Delrobaei, M., & Jog, M. Deep Brain Stimulation Parameter Optimization for Rate of Speech in Parkinson's Disease. American Speech and Hearing Association conference, Philadelphia, November 2016.

Knowles, T., Adams, S., Abeysekera, A., Mancinelli, C., & Jog, M. Deep brain stimulation parameter optimization for speech intelligibility and vowel acoustics in Parkinson's disease. International Clinical Phonetics and Linguistics Association Conference, Halifax, NS. June 15-18, 2016.

Leszcz, T.M., Adams, S. G., Dykstra, A., Cheesman, M. & Jog, M. Effects of multi-talker noise on speech intelligibility and phonetic errors in Parkinson's disease. International Clinical Phonetics and Linguistics Association (ICPLA) Conference, Halifax, Nova Scotia, June 15-18, 2016

Abeyesekera, A., Adams, S., Knowles, T., Mancinelli, C., Delrobaei, M., & Jog, M. Deep brain stimulation and speech in Parkinson's disease: Effects of stimulator settings and electrode contact positions. Southern Ontario Neuroscience Association, Waterloo, ON. May 2016.

Knowles, T., Adams, S., Leszcz, T. & Jog, M. Acoustic correlates of noise-related speech intelligibility deficits in Parkinson's disease. Health and Rehabilitation Sciences Graduate Research Forum, Western University, February, 2016.

Mancinelli, C., Dykstra, A., & Adams, S. Exploring communicative participation in hypophonia and Parkinson's disease. Paper presented at the 9th annual Health and Rehabilitation Sciences Graduate Research Conference, Western University, February, 2016.

Abeyesekera, A., Adams, S. & Jog, M. Instantaneous auditory feedback of speech intensity and hypophonia in Parkinson's disease: A pilot study among healthy controls. Health and Rehabilitation Sciences Graduate Research Forum, Western University, February, 2016.

Wilson, C., Dykstra, A.D., Adams, S.G., & Jog, M. Examining variables contributing to listener effort in Parkinson's disease. Paper presented at the 9th annual Health and Rehabilitation Sciences Graduate Research Conference, Western University, February, 2016.

Sparrow, D., Adams, S., Leszcz, T., Knowles, T. & Jog, M. Effects of multi-talker noise on the acoustics of voiceless stop consonants in Parkinson's disease. Eighth Annual Western Interdisciplinary Student Symposium on Language Research (WISSLR), London, Ontario, March 4-5, 2016.

Adams, S. Speech-in-noise treatment program for hypophonia in Parkinson's disease: Preliminary findings. Conference on Motor Speech, Newport Beach, California, March 3-6, 2016.

Abeyesekera, A., Adams, S., Knowles, T., Mancinelli, C., Delrobaei, M., & Jog, M. Deep brain stimulation parameter optimization for voice quality, speech intensity and prosody of speech in Parkinson's disease. Conference on Motor Speech, Newport Beach, California, March 3-6, 2016.

Knowles, T., Adams, S., Abeyesekera, A., Mancinelli, C., Delrobaei, M., and Jog, M. Effect of deep brain stimulation parameters on speech intelligibility and speech acoustics in Parkinson's Disease. Conference on Motor Speech, Newport Beach, California, March

3-6, 2016.

Siegel, L., Dykstra, A.D., Baylor, C., & Adams, S. The consequences of oromandibular dystonia on communicative participation. Paper presented at the 18th Rehabilitation Research Colloquium, McGill University, May, 2016.

Wilson, C., Dykstra, A.D., Adams, S.G., & Jog, M. Hypophonia and other variables contributing to listener effort in Parkinson's disease (PD). Paper presented at the 18th Research Colloquium on Rehabilitation, McGill University, May, 2016.

Nguyen-Vaccarello, L.L.T., Purcell, D.W., Adams, S.G., & Scollie, S. (2015). Speech regulation through altered auditory feedback in normal and hearing-impaired adults. Poster session presented at the annual meeting of the Canadian Academy of Audiology, October 2015, Niagara Falls, ON.

Abeyesekera, A., Adams, S., Knowles, T., Mancinelli, C., Delrobaei, M., and Jog, M. Effect of Different Deep Brain Stimulation Parameters on Voice Quality, Speech Intensity and Prosody in Parkinson's Disease. HRS graduate Research Forum, Western University, February, 2015.

Knowles, T., Adams, S., Abeyesekera, A., Mancinelli, C., Delrobaei, M., and Jog, M. Effect of deep brain stimulation parameters on speech intelligibility and speech acoustics in Parkinson's Disease. HRS graduate Research Forum, Western University, February, 2015.

Mancinelli, C., Adams, S., Abeyesekera, A., Knowles, T., Delrobaei, M., and Jog, M. Deep brain stimulation parameter optimization for rate of speech in Parkinson's Disease. HRS graduate Research Forum, Western University, February, 2015.

Abeyesekera, A., Adams, S., Mancinelli, C., Rahimi, F., Delrobaei, M., and Jog, M. Optimal Deep Brain Stimulation Settings for Speech in Parkinson's Disease. HRS graduate Research Forum, Western University, February, 2014

Abeyesekera, A., Adams, S., Mancinelli, C., Rahimi, F., Delrobaei, M., and Jog, M. Deep Brain Stimulation Parameter Optimization for Speech in Parkinson's Disease. ARGC/Faculty of Health Science Symposium, Western University, February 2014

Abeyesekera, A., Adams, S., Mancinelli, C., Rahimi, F., Delrobaei, M., and Jog, M. Deep Brain Stimulation Parameter Optimization for Speech in Parkinson's Disease. Southern Ontario Neuroscience Association, Western University, April 2014.

Clark, J., Adams, S.G., Dykstra, A., Moodie, S. & Jog, M. Loudness perception and speech intensity control in Parkinson's disease. Conference on Motor Speech, Sarasota, Florida, February 27- March 2, 2014.

McCaig, C., Adams, S., Dykstra, A., & Jog, M. Effect of concurrent walking and interlocutor distance on conversational speech intensity and rate in Parkinson's disease. Conference on Motor Speech, Sarasota, Florida, February 27- March 2, 2014.

Andreetta, M., Adams, S., Dykstra, A., & Jog, M. Evaluation of speech amplification devices in Parkinson's disease. Conference on Motor Speech, Sarasota, Florida, February 27- March 2, 2014.

Dykstra, A., Domingo, Y., Adams, S., Johnson, A. & Jog, M. The effect of botulinum toxin type A on speech intelligibility and self-ratings of communicative effectiveness by speakers with oromandibular dystonia. Conference on Motor Speech, Sarasota, Florida, February 27- March 2, 2014.

Andreetta, M., Adams, S., Dykstra, A., & Jog, M. (March 15, 2013). *A method for comparing speech amplification devices and investigating sensorimotor regulation of speech intensity*. Poster presentation at the 26th Annual Western Research Forum (WRF) "Modern mobilization and methods of interdisciplinary research." Western University, London, ON.

McCaig, C., Adams, S., Dykstra, A., & Jog, M. (March 15, 2013). Effects of concurrent walking tasks and interlocutor distance on conversational speech intensity in Parkinson's disease. Poster presentation at the 26th Annual Western Research Forum (WRF) "Modern mobilization and methods of interdisciplinary research." Western University, London, ON.

Andreetta, M., Adams, S., Dykstra, A., & Jog, M. (March 13, 2013). *A method for comparing speech amplification devices and investigating sensorimotor regulation of speech intensity*. Poster presentation at the Faculty of Health Sciences (FHS) Research Day. Western University, London, ON.

McCaig, C., Adams, S., Dykstra, A., & Jog, M. (March 13, 2013). Effects of concurrent walking tasks and interlocutor distance on conversational speech intensity in Parkinson's disease. Poster presentation at the Faculty of Health Sciences (FHS) Research Day. Western University, London, ON.

Domingo, Y., Dykstra, A.D., Jablecki, D., Adams, S.G., Johnson, A., & Jog, M. (2013, March). *Evaluating sentence intelligibility based on technique in oromandibular dystonia*.

Poster presented at the Faculty of Health Sciences Research Day, Western University, London, ON

Andreetta, M., Adams, S., Dykstra, A., & Jog, M. (March 1, 2013). *A comparison of speech amplification devices for individuals with Parkinson's disease and hypophonia*. Poster presentation at the Health & Aging Graduate Research Conference (HGRC) (formerly SOIHAS) "Urban health and well-being." McMaster University, Hamilton, ON.

McCaig, C., Adams, S., Dykstra, A., & Jog, M. (February 6, 2013). Effects of concurrent walking tasks and interlocutor distance on conversational speech intensity in Parkinson's disease. Poster presentation at the Health & Rehabilitation Sciences (HRS) Graduate Research Forum (GRF) "Sowing seeds of ideas for fruitful trees." Western University, London, ON.

Andreetta, M., Adams, S., Dykstra, A., & Jog, M. (February 6, 2013). *A comparison of speech amplification devices for individuals with Parkinson's disease and hypophonia*. Oral presentation at the Health & Rehabilitation Sciences (HRS) Graduate Research Forum (GRF) "Sowing seeds of ideas for fruitful trees." Western University, London, ON.

Domingo, Y., Dykstra, A.D., Jablecki, D., Adams, S.G., Johnson, A., & Jog, M. (2013, February). *A comparison of speech intelligibility measures obtained from three measurement techniques in oromandibular dystonia*. Poster presented at the HRS Graduate Research Forum, Western University, London, ON.

Andreetta, M., Adams, S., Dykstra, A., & Jog, M. (February 1, 2013). *A method for comparing speech amplification devices and investigating sensorimotor regulation of speech intensity*. Poster presentation at the Aging, Rehabilitation & Geriatric Care (ARGC)/FHS Symposium "Research to action: Technology, innovation & health." Western University, London, ON.

McCaig, C., Adams, S., Dykstra, A., & Jog, M. (February 1, 2013). Effects of concurrent walking tasks and interlocutor distance on conversational speech intensity in Parkinson's disease. Poster presentation at the Aging, Rehabilitation & Geriatric Care (ARGC)/FHS Symposium "Research to action: Technology, innovation & health." Western University, London, ON.

Domingo, Y., Dykstra, A.D., Jablecki, D., Adams, S.G., Johnson, A., & Jog, M. (2013, March). *An evaluation of speech intelligibility based on measurement technique in oromandibular dystonia*. Poster presented at the Health & Aging Graduate Research

Conference: Urban Health and Well-Being, McMaster University, Hamilton, ON.

Jablecki, D., Dykstra, A.D., Domingo, Y., Adams, S.G., & Jog, M. (2013, February). *The effect of task on speech intelligibility in oromandibular dystonia: A case report*. Poster presented at the Aging, Rehabilitation, and Geriatric Care/Faculty of Health Sciences Symposium, Western University, London, ON.

Domingo, Y., Dykstra, A.D., Jablecki, D., Adams, S.G., Johnson, A., & Jog, M. (2013, February). *Evaluating sentence intelligibility based on technique in oromandibular dystonia*. Poster presented at the Aging, Rehabilitation, and Geriatric Care/Faculty of Health Sciences Symposium, Western University, London, ON.

Adams, S.G., Dykstra, A., & Jog, M. A Comparison of Throat and Head Microphones in a PDA-based Evaluation of Hypophonia in Parkinson's Disease. Conference on Motor Speech, Santa Rosa, California, March 4-7, 2012.

Dykstra, A., Adams, S.G., & Jog, M. Examining the conversational speech intelligibility of individuals with hypophonia associated with Parkinson's disease. Conference on Motor Speech, Santa Rosa, California, March 4-7, 2012.

Valenzano, T., Adams, S. G., Dykstra, A. & Jog, M. Linguistic, Cognitive, Linguistic and motor concurrent task effects on speech intensity and task performance for individuals with Parkinson's disease. 13th Research Colloquium in Rehabilitation. McGill University, Montreal, Quebec, May 4, 2012.

Clark, J., Adams, S., Moodie, S., Dykstra, A., & Jog, M. Speech intensity control and loudness perception in Parkinson's disease. 25th Annual Western Research Forum. University of Western Ontario, London, March 26, 2012. ***Award for Best Poster**

Schell, M., McCaig, C., Nivins, M., Jog, M., & Adams, S. Vowel formant dynamics across changes in speech intensity in Parkinson's disease. 25th Annual Western Research Forum. The University of Western Ontario, London, ON, March 26, 2012.

Valenzano, T., Adams, S. G., Dykstra, A. & Jog, M. Concurrent task effects on speech intensity and task performance for individuals with Parkinson's disease. 24th Annual Western Research Forum. University of Western Ontario, London, Ontario, March 27, 2012

Schell, M., McCaig, C., Nivins, M., Jog, M., & Adams, S. Vowel formant dynamics across changes in speech intensity in Parkinson's disease. Faculty of Health Sciences Research Day. The University of Western Ontario, London, ON, March 30, 2012.

Valenzano, T., Adams, S. G., Dykstra, A. & Jog, M. Concurrent task effects on speech intensity for individuals with Parkinson's disease. Southern Ontario Interdisciplinary Health & Aging Symposium. McMaster University, Hamilton, Ontario, February 24-25, 2012.

Schell, M., McCaig, C., Nivins, M., Jog, M., & Adams, S. Vowel formant dynamics across changes in speech intensity in Parkinson's disease. Southern Ontario Interdisciplinary Health & Aging Symposium. McMaster University, Hamilton, ON, February 24-25, 2012.

Clark, J., Adams, S., Moodie, S., Dykstra, A., & Jog, M. Speech intensity control and loudness perception in Parkinson's disease. HRS Graduate Research Forum, University of Western Ontario, London, February 8, 2012.

Leszcz, T., Adams, S.G., Dykstra, A.D., & Jog, M. The effect of multi-talker background noise on speech intelligibility in Parkinson's disease and controls. HRS Graduate Research Forum, University of Western Ontario, London, ON, February 8, 2012.

McCaig, C., Schell, M., Nivins, M., Jog, M., & Adams, S. Vowel formant dynamics across changes in speech intensity in Parkinson's disease. HRS Graduate Research Forum, University of Western Ontario, London, ON, February 8, 2012.

Valenzano, T., Adams, S. G., Dykstra, A. & Jog, M. The effect of cognitive, linguistic and motor concurrent tasks on speech intensity for individuals with Parkinson's disease. 5th Annual Health & Rehabilitation Sciences Graduate Research Forum, University of Western Ontario, London, Ontario, February 8, 2012.

Clark, J., Adams, S., Moodie, S., Dykstra, A., & Jog, M. Speech intensity control and loudness perception in Parkinson's disease. Aging, Rehabilitation, and Geriatric Care/Faculty of Health Sciences Symposium, Parkwood Hospital, London, February 3, 2012.

Schell, M., McCaig, C., Nivins, M., Jog, M., & Adams, S. Vowel formant dynamics across changes in speech intensity in Parkinson's disease. Aging, Rehabilitation, and Geriatric Care/Faculty of Health Sciences Symposium (ARGC/FHS) Symposium, Parkwood Hospital, London, ON, February 3, 2012.

Valenzano, T., Adams, S. G., Dykstra, A. & Jog, M. The effect of cognitive, linguistic and motor concurrent tasks on speech intensity for individuals with Parkinson's disease. Aging, Rehabilitation, and Geriatric Care/Faculty of Health Sciences Symposium,

Parkwood Hospital, London, Ontario, February 3, 2012

Minnema, F.R., Almeida, Q.J. & Adams, S.G. Distinguishing features of speech production and perception in PD and PSP. 15th Annual Congress of Parkinson's Disease and Movement Disorders, Toronto, Ontario, June 5-9, 2011.

Valenzano, T., Clark, J., Leszcz, T., Jog, M., & Adams, S. Declination of Speech Intensity and Vocal in Parkinson's Disease. Aging, Rehabilitation & Geriatric Care Research/Faculty of Health Science (ARGC/FHS) Symposium, February, 2011.

Clark, J., Leszcz, T., Valenzano, T., Jog, M., & Adams, S. Declination of Speech Intensity and Vocal in Parkinson's Disease. Health and Rehabilitation Sciences Graduate Research Forum, February, 2011. ***Award for best poster.**

South, A.R., Findlater, K., Adams, S. and Jog, M.S. Disfluency in PD: Integrating motor and language information in the basal ganglia. International Basal Ganglia Society, Tenth Triennial Meeting, Ocean Place Resort, Long Branch NJ June 20-24, 2010.

Adams, S.G., Winnell, J., & Jog, M. Effects of Interlocutor Distance, Multi-talker Background Noise, and a Concurrent Manual Task on Speech Intensity in Parkinson's Disease. Conference on Motor Speech, Savannah, Georgia, March 4-7, 2010.

Dykstra, A., Adams, S.G., & Jog, M. Examining communication-related quality of life in individuals with hypophonia and Parkinson's disease. Conference on Motor Speech, Savannah, Georgia, March 4-7, 2010.

Adams, S.G. Speech intensity regulation in hypophonia and Parkinson's disease. Theoretical & Experimental Neuropsychology/Neuropsychologie Expérimentale et Théorique (TENNET). Waterloo, Ontario, Canada, June 22-25, 2008.

Adams, S.G., Dykstra, A., Jenkins, M. & Jog, M. Speech-to-noise levels and conversational intelligibility in hypophonia and Parkinson's disease. Conference on Motor Speech, Monterey, California, March 6-9, 2008.

Dykstra, A., Adams, S.G. & Jog, M. The effect of hypophonia on communication effectiveness in Parkinson's disease. Conference on Motor Speech, Monterey, California, March 6-9, 2008.

Stamenova, V, Black, S.E. , Mamolo, C., Desmarais, G., Dixon, M., Park, N., Hébert, D., Danckert, J., Adams, S., Almeida, Q & Roy, E.A. Tactile and Visual cues facilitate performance of transitive gestures in patients with Corticobasal Degeneration.

International Neuropsychological Society Annual Meeting, Portland, Oregon, USA, February, 2007.

Adams, S.G., Dykstra, A., Abrams, K., Winnell, J., Jenkins, M., & Jog, M. Conversational speech intensity under different noise conditions in hypophonia and Parkinson's disease. Canadian Acoustical Association Conference, Halifax, Nova Scotia, October 2006.

Howitz, N., Adams, S.G. and Parrent, A. Effects of thalamic deep brain stimulation on vocal, oral and upper limb essential tremor. International Speech Motor Control Conference, Nijmegen, The Netherlands, June, 2006.

Moon, B., Adams, S.G., Jog, M. Effects of background noise, listener context, speech task, and requests for clarification on speech intensity in Parkinson's disease. International Speech Motor Control Conference, Nijmegen, The Netherlands, June, 2006.

Adams, S.G., Moon, B., Dykstra, A., Abrams, K., Jenkins, M. & Jog, M. Effects of multi-talker noise on conversational speech in Parkinson's disease. Conference on Motor Speech, Austin, Texas, March, 2006

Adams, S.G., Haralabous, O., Dykstra, A., Abrams, K., & Jog, M. Effects of multi-talker background noise on the intensity of spoken sentences in Parkinson's disease. Canadian Acoustical Association Conference, London, Ontario, October 2005.

Dykstra, A., Adams, S.G., & Jog, M. Lingual protrusion and elevation in lingual dystonia: A hypothesis. Canadian Acoustical Association Conference, London, Ontario, October 2005.

Dykstra, A., Adams, S.G., & Jog, M. Effect of Botulinum toxin A on the speech intelligibility of an individual with lingual dystonia. American Speech, Language and Hearing Association Conference, November, 2004.

Adams, S.G., Jenkins, M., Dykstra, A. & Jog, M. Effects of Topiramate on essential tremor of the hand, jaw and voice. Conference on Motor Speech, Albuquerque, New Mexico, March 18-21, 2004.

Adams, S.G., Jog, M., Eadie, T., Dykstra, A., Gauthier, G., & Vercher, J. Jaw and finger movements during visual and auditory motor tracking in Parkinson's disease. Conference on Motor Speech, Albuquerque, New Mexico, March 18-21, 2004.

Adams, S.G., Eadie, T., Dykstra, A. and Jog, M. Oral and limb motor tracking in Parkinson's

disease. Canadian Society for Psychomotor Learning and Sports Psychology Conference, Hamilton, Ontario, October 2003.

Adams, S.G., Page, A. and Jog M. Summary Feedback Schedules and Speech Motor Learning in Parkinson's Disease. Conference on Motor Speech, Williamsburg, Virginia, March 14-17, 2002.

Adams, S.G., Gauthier, G., Vercher, J-L. and Jog, M. Jaw and finger movements during visual and auditory tracking tasks. Conference on Motor Speech, Williamsburg, Virginia, March 14-17, 2002.

Page, A. and Adams, S.G. Practice and feedback variables in speech motor learning. Conference on Motor Speech, San Antonio, Texas, Feb. 2000.

Miles, V. and Adams S.G. Speech kinematics of young and older women. Conference on Motor Speech, San Antonio, Texas, Feb. 2000.

Adams, S.G., Gauthier, G. and Vercher, J-L. Effects of delayed visual feedback on jaw and finger tracking behavior. Conference on Motor Speech, San Antonio, Texas, Feb. 2000.

Adams, S.G., Reyno-Briscoe, K., and Hutchinson, L. Acoustic correlates of monotone speech in Parkinson's disease. Canadian Acoustics Association, London, 1998.

Odlozinski, L. and Adams, S. G. An acoustic analysis of speech rate control procedures in Parkinson's disease. American Speech and Hearing Association Conference, San Antonio, Texas, 1998.

Reyno-Briscoe, K. and Adams, S.G. Acoustic correlates of monopitch and monoloudness in Parkinson's disease. Canadian Association of Speech-Language Pathologists and Audiologists, Halifax, Nova Scotia, 1998.

Adams, S.G. Effect of delayed auditory feedback on fast Parkinsonian speech. Conference on Motor Speech, Tucson, Arizona, 1998.

Quinn, D. and Adams, S.G. Session-to-session consistency of speech kinematics and speaking rate. American Speech and Hearing Association Conference, Boston, Massachusetts, 1997.

Spylo, K. and Adams, S.G. Effects of delayed auditory feedback on speech kinematics in normals. American Speech and Hearing Association Conference, Boston, Massachusetts, 1997.

Doyle, P.C. and Adams, S.G. Effects of frequency change on measures of electroglottographic contact quotients. American Speech and Hearing Association Conference, Boston, Massachusetts, 1997.

Adams, S.G., Alwan, A., Buder, E.H., Doyle, P.C., Hertrich, I., Shuster, L.I., and Thomas, M. Application of acoustic resynthesis and waveform editing procedures to disordered speech. American Speech and Hearing Association Conference, Seattle, Washington, 1996.

Doyle, P.C. and Adams, S.G. Effects of frequency change on measures of electroglottographic closing slope. American Speech and Hearing Association Conference, Seattle, Washington, 1996.

Ramig, L.O., Yorkston, K.M., Strand, E., Adams, S.G., Dromey, C. and Smith, A. Rate and loudness control in motor speech disorders. American Speech and Hearing Association Conference, Seattle, Washington, 1996.

Shaiman, S., Kimelman, M.D.Z., and Adams, S.G. Coarticulatory kinematics and speaking rate. American Speech and Hearing Association Conference, Orlando, Florida, 1995.

Lui, T.C., Irish, J.C., Adams, S.G., Hunt, E.J., and Durkin, L.C. A prospective study of patients' subjective responses to Botulinum toxin injection for spasmodic dysphonia Canadian Otolaryngology Society Conference, Saint John, N.B., June, 1995.

Wong, D.H., Irish, J.C., Adams, S.G., and Durkin, L.C. Laryngeal imaging of patients with Parkinson's disease. Canadian Otolaryngology Society Conference, Saint John, N.B., June, 1995.

Durkin, L.C., Irish, J.C., Adams, S.G., Wong, D.L.H., and Brown, D.H. Evaluation of vocal function in unilateral vocal fold paralysis following thyroplastic surgery. Canadian Otolaryngology Society Conference, Saint John, N.B., June, 1995.

Anderson, J.A., and Adams, S.G. Research in hyperfunctional voice disorders: A 10 year review of the literature. Canadian Otolaryngology Society Conference, Saint John, N.B., June, 1995.

Adams, S.G. and Durkin, L. Transfer of treatment in Parkinson's disease. American Speech and Hearing Association Conference, New Orleans, Louisiana, 1994.

Adams, S.G., Hunt, E.J., Irish, J.C., Charles, D.A., Durkin, L., and Wong, D.H. A comparison of Botulinum toxin injection procedures in adductor spasmodic dysphonia. Canadian

Otolaryngology Society Conference, Ottawa, June 1994.

Wong, D.L.H., Irish, J.C., Adams, S.G. and Durkin, L. The effect of neuromuscular activity on Botox injections in spasmodic dysphonia. Canadian Otolaryngology Society Conference, Ottawa, June 1994 (Xomed Award for best paper by an Otolaryngology resident).

Durkin, L., Adams, S.G., Hunt, E.J., Irish, J.C. and Wong, D.L.H. Laryngeal resistance measures of adductor spasmodic dysphonia following Botulinum Toxin injection. Canadian Otolaryngology Society Conference, Ottawa, June 1994.

Adams, S.G., Hunt, E., and Irish, J. Spasmodic Dysphonia: Diagnosis, Treatment and Assessment of Treatment Effectiveness. Voice Disorders: Collaborative Management, University of Toronto, Toronto, April 1994.

Wong, D.L.H., Irish, J.C., Adams, S.G. and Durkin, L. The effect of neuromuscular activity on Botox injections in spasmodic dysphonia. Percy Ireland Academic Day, University of Toronto, May 1994 (Awarded best paper by an enrichment year Otolaryngology resident).

Shaiman, S., Adams, S.G. & Kimelman, M.D.Z. Kinematic analysis of anticipatory lip protrusion across changes in speaking rate. Conference on Motor Speech: Speech Motor Control, Sedona, Arizona, April 1994.

Shaiman, S., Adams, S.G. & Kimelman, M.D.Z. Kinematic analysis of coarticulation and speaking rate. Canadian Acoustical Association, Toronto, Ontario, October 1993.

Kimelman, M.D.Z., Shaiman, S., Adams, S.G. & Skory, C.A. Voice onset time and vowel duration across multiple speech rates in normal and Parkinsonian speakers. Canadian Acoustical Association, Toronto, Ontario, October 1993.

Shaiman, S., Adams, S.G. & Kimelman, M.D.Z. Interarticulator timing across changes in rate. Third Seminar on Speech Production: Models and Data. Haskins Laboratories, New Haven, CT, May 1993.

Winckel, J. & Adams, S.G. Drug-cycle related voice changes in Parkinsonian patients. American Speech and Hearing Association Conference, San Antonio, Texas, 1992.

Shaiman, S., Adams, S.G., Kimelman, M.D.Z. and Vincent, K.E. The effect of rate manipulation on coarticulation. American Speech and Hearing Association Conference, San Antonio, Texas, November 1992.

Kimelman, M.D.Z., Adams, S.G., Shaiman, S. and Smith, S. Acoustic measures of normal

and Parkinsonian speech across speech rates. American Speech and Hearing Association Conference, San Antonio, Texas, November 1992.

Adams, S.G. Treatment of accelerated speech using delayed auditory feedback. Ontario Speech-Language and Hearing Association Conference, Toronto, Ontario, October 1992.

Adams, S.G., Hunt, E.J., Charles, D.A. and Lang, A.E. Unilateral versus bilateral Botulinum toxin injections in spasmodic dysphonia. Ontario Speech-Language and Hearing Association Conference, Toronto, Ontario, October 1992.

Adams, S.G., Charles, D.A., Hunt, E.J. and Lang, A.E. Laryngeal EMG measures and response to Botulinum toxin in spasmodic dysphonia. Canadian Otolaryngology Society Conference, Quebec City, June 1992.

Adams, S.G., Hunt, E.J., Charles, D.A. and Lang, A.E. Unilateral versus bilateral Botulinum toxin injections in spasmodic dysphonia: Acoustic and psychophysical results. Canadian Otolaryngology Society Conference, Quebec City, June 1992.

Charles, D.A., Dorion, D., Maguire, G. and Adams, S.G. Percutaneous dilational tracheostomy Canadian Otolaryngology Society Conference, Quebec City, June 1992.

Adams, S.G. Accelerated speech in a hypokinetic dysarthric: Descriptions and treatment. Conference on Motor Speech: Motor Speech Disorders, Boulder, Colorado, April 1992.

Adams, S.G. Rate and clarity of speech: Kinematic descriptions. Conference on Motor Speech: Speech Motor Control, Boulder, Colorado, April 1992.

Kimelman, M.D.Z., Shaiman, S. and Adams, S.G. Acoustic analysis of fricative and vowel durations across multiple rates of speech Conference on Motor Speech: Speech Motor Control, Boulder, Colorado, April 1992.

Balter, M.S. and Adams, S.G. Inhaled steroids and laryngeal function: Effects of dosing schedule and inhalation aid devices. American Thoracic Society Conference, Miami, Florida, May 1992.

Adams, S.G. Kinematic analysis of speech movement disorders. Canadian Society for Psychomotor Learning and Sport Psychology Annual Conference, London, Ontario, 1991.

Slansky, B.L., McNeil, M.R. and Adams, S.G. Effects of visual feedback on nonspeech sensorimotor control: Neurogenic speakers. American Speech and Hearing Association Conference, Atlanta, Georgia, 1991.

Tseng, C., McNeil, M., Adams, S.G. and Weismer, G. Effects of speaking rate on bilabial asynchrony in neurogenic populations. American Speech and Hearing Association Conference, Seattle, Washington, November 1990.

Square-Storer, P.A., Munhall, K.G. and Adams, S.G. Apraxia of speech: Current research and treatment. New York State Speech Language Hearing Association Convention, Kiamesha Lake, New York, April, 1990.

Forrest, K., Adams, S.G. and McNeil, M.R. Perioral EMG activity in aphasic, apraxic, and dysarthric speakers. Clinical Dysarthria Conference, San Antonio, Texas, February, 1990.

Adams, S.G., McNeil, M.R. and Weismer, G. Speech movement velocity profiles in neurogenic speech disorders. American Speech and Hearing Association Conference, St. Louis, Missouri, November, 1989.

Tseng, C., McNeil, M.R., Adams, S.G., and Weismer, G. Bilabial (a)synchrony of normal, apraxic, aphasic, and dysarthric speakers. American Speech and Hearing Association Conference, St. Louis, Missouri, November, 1989.

McNeil, M.R., Tseng, C., Adams, S.G., Hunter, L., Liss, J., Odell, K.H., Rosenbek, J.C. and Weismer, G. Perceptual, acoustic and physiologic analyses of normal, apraxic, conduction aphasic and ataxic dysarthric speech production: Evidence for multilevel impairments within pathologic groups. Academy of Aphasia Conference, Santa Fe, New Mexico, October, 1989.

McNeil, M.R. and Adams, S.G. A comparison of speech kinematics among apraxic, conduction aphasic, ataxic dysarthric and normal geriatric speakers. Clinical Aphasiology Conference, Lake Tahoe, 1989.

Roy, E.A., Square, P.A., Adams, S.G., and Friesen, H. Disruptions to sequencing of limb, oral and verbal movements: Effects of sequence length and presentation modality. North American Society for the Psychology of Sport and Physical Activity Conference, Vancouver, B.C., 1987.

McClellan, M. and Adams, S.G. Assessment of muscle system function in neurogenic speech production disorders. Canadian Psychological Association Conference, Toronto, June, 1986.

Square, P.A., Roy, E.A., Adams, S.G., and Friesen, H. Apraxia: descriptions of a new error notation system. Annual Conference Reporting Research in the Neuropsychology of Language, Niagara Falls, March, 1986.

Roy, E.A., Friesen, H., Square, P.A., and Adams, S.G. Interrater consistency in categorizing errors in limb apraxia. Annual Conference Reporting Research in the Neuropsychology of Language, Niagara Falls, March, 1986.

Square, P.A., Chumpelik, D. and Adams, S.G. Efficacy of the PROMPT system of therapy for the treatment of apraxia of speech. Clinical Aphasiology Conference, Ashland, Oregon, 1985.

Roy, E.A., Todd, S., Square, P.A., and Adams, S.G. Apraxia: interrater consistency in judging errors in categories. International Neuropsychological Society, Annual Conference, San Diego, California, 1985.

Published abstracts (peer reviewed) (Career total = 28)

Howitz, N., Adams, S.G. and Parrent, A. Effects of thalamic deep brain stimulation on vocal, oral and upper limb essential tremor. *Stem-, Spraak-, en Taalpathologie*, 14: 85, 2006.

Moon, B., Adams, S.G., Jog, M. Effects of background noise, listener context, speech task, and requests for clarification on speech intensity in Parkinson's disease. *Stem-, Spraak-, en Taalpathologie*, 14: 84, 2006.

Odlozinski, L. and Adams, S. G. An acoustic analysis of speech rate control procedures in Parkinson's disease. *Journal of the American Speech and Hearing Assoc.*, 40(supplement); 88, 1998.

Quinn, D. and Adams, S.G. Session-to-session consistency of speech kinematics and speaking rate. *Journal of the American Speech and Hearing Association*, 39(supplement); 230, 1997.

Spylo, K. and Adams, S.G. Effects of delayed auditory feedback on speech kinematics in normals. *Journal of the American Speech and Hearing Association*, 39(supplement); 230, 1997.

Doyle, P.C. and Adams, S.G. Effects of frequency change on measures of electroglottographic contact quotients. *Journal of the American Speech and Hearing Association*, 39 (supplement); 147, 1997.

Adams, S.G., Alwan, A., Buder, E.H., Doyle, P.C., Hertrich, I., Shuster, L.I., and Thomas, M. Application of acoustic resynthesis and waveform editing procedures to disordered

speech. *Journal of the American Speech and Hearing Association*, 38; 4(supplement), 111, 1996.

Doyle, P.C. and Adams, S.G. Effects of frequency change on measures of electroglottographic closing slope. *Journal of the American Speech and Hearing Association*, 38; 4(supplement), 111, 1996.

Ramig, L.O., Yorkston, K.M., Strand, E., Adams, S.G., Dromey, C. and Smith, A. Rate and loudness control in motor speech disorders. *Journal of the American Speech and Hearing Association*, 38; 4(supplement), 108, 1996.

Shaiman, S., Kimelman, M.D.Z., and Adams, S.G. Coarticulatory kinematics and speaking rate. *Journal of the American Speech and Hearing Association*, 37; 89, 1995.

Lui, T.C., Irish, J.C., Adams, S.G., Hunt, E.J., and Durkin, L.C. A prospective study of patients' subjective responses to Botulinum toxin injection for spasmodic dysphonia *Journal of Otolaryngology*, 24, 14, 1995.

Wong, D.H., Irish, J.C., Adams, S.G., and Durkin, L.C. Laryngeal imaging of patients with Parkinson's disease. *Journal of Otolaryngology*, 24, 23, 1995.

Durkin, L.C., Irish, J.C., Adams, S.G., Wong, D.L.H., and Brown, D.H. Evaluation of vocal function in unilateral vocal fold paralysis following thyroplastic surgery. *Journal of Otolaryngology*, 24, 30, 1995.

Anderson, J.A., and Adams, S.G. Research in hyperfunctional voice disorders: A 10 year review of the literature. *Journal of Otolaryngology*, 24, 22, 1995.

Adams, S.G. and Durkin, L. Transfer of treatment in Parkinson's disease. *Journal of the American Speech and Hearing Association*, 36, 129, 1994.

Adams, S.G., Hunt, E.J., Irish, J.C., Charles, D.A., Durkin, L., and Wong, D.H. A comparison of Botulinum toxin injection procedures in adductor spasmodic dysphonia. *Journal of Otolaryngology*, 23, 66, 1994.

Wong, D.L.H., Irish, J.C., Adams, S.G. and Durkin, L. The effect of neuromuscular activity on Botox injections in spasmodic dysphonia. *Journal of Otolaryngology*, 23, 25, 1994.

Durkin, L., Adams, S.G., Hunt, E.J., Irish, J.C. and Wong, D.L.H. Laryngeal resistance measures of adductor spasmodic dysphonia following Botulinum Toxin injection. *Journal of Otolaryngology*, 23, 66, 1994.

Adams, S.G., Charles, D.A., Hunt, E.J. and Lang, A.E. Laryngeal EMG measures and response to Botulinum toxin in spasmodic dysphonia. *Journal of Otolaryngology*, 21, 59, 1992.

Adams, S.G., Hunt, E.J., Charles, D.A. and Lang, A.E. Unilateral versus bilateral Botulinum toxin injections in spasmodic dysphonia: Acoustic and psychophysical results. *Journal of Otolaryngology*, 21, 60, 1992.

Winckel, J. & Adams, S.G. Drug-cycle related voice changes in Parkinsonian patients. *Journal of the American Speech and Hearing Association*, 34, 158, 1992.

Shaiman, S., Adams, S.G., Kimelman, M.D.Z. and Vincent, K.E. The effect of rate manipulation on coarticulation. *Journal of the American Speech and Hearing Association*, 34, 173, 1992.

Kimelman, M.D.Z., Adams, S.G., Shaiman, S. and Smith, S. Acoustic measures of normal and Parkinsonian speech across speech rates. *Journal of the American Speech and Hearing Association*, 34, 110, 1992.

Slansky, B.L., McNeil, M.R. and Adams, S.G. Effects of visual feedback on nonspeech sensorimotor control: Neurogenic speakers. *Journal of the American Speech and Hearing Association*, 33, 119, 1991.

Tseng, C., McNeil, M., Adams, S.G. and Weismer, G. Effects of speaking rate on bilabial asynchrony in neurogenic populations. *Journal of the American Speech and Hearing Association*, 32, 109, 1990.

Adams, S.G., McNeil, M.R. and Weismer, G. Speech movement velocity profiles in neurogenic speech disorders. *Journal of the American Speech and Hearing Association*, 31, 113, 1989.

Roy, E.A., Square-Storer, P.A., Adams, S. and Friesen, H. Disruptions to central programming of sequences. *Canadian Psychology*, 30, 423, 1989.

Tseng, C., McNeil, M.R., Adams, S.G., and Weismer, G. Bilabial (a)synchrony of normal, apraxic, aphasic, and dysarthric speakers. *Journal of the American Speech and Hearing Association*, 31, 108, 1989.

INVITED LECTURES (Career total = 14)

Adams, S.G. Assessment and Treatment of Speech in Parkinson's Disease. Research Forum, Department of Communication Disorders, University of Nebraska-Lincoln, Lincoln, Nebraska, June, 2010.

Adams, S.G. Assessment and Treatment of Motor Speech Disorders. Annual Retreat Meeting, Toronto Rehab. Centre, Old Mill Inn, Toronto, Ontario, September, 2009.

Adams, S.G. Treatment of Motor Speech Disorders. J. F. Walker Lecture, University of Toronto, Toronto, Ontario, April, 2009.

Adams, S.G. Speech in Parkinson's disease. The Parkinson Foundation of Canada, London, Ontario, April, 2005.

Adams, S.G. Speech Intensity, background noise and hypophonia in Parkinson's disease. Movement Disorders Research Group, University of Western Ontario, London Health Sciences Centre, November, 2002.

Adams, S.G. Speech in Progressive Supranuclear Palsy. The Progressive Supranuclear Palsy Support Group of South Western Ontario, London, Ontario, June, 2000.

Adams, S.G. Treatment of speech in Parkinson's disease. The Strathroy Chapter of the Parkinson Foundation of Canada, Strathroy, Ontario, January, 1997.

Adams, S.G. Treatment of speech in Parkinson's disease. The Parkinson Foundation of Canada, London, Ontario, April, 1996.

Adams, S.G. New developments in speech therapy. The Parkinson Foundation of Canada, Spring Conference, Toronto, May 1994.

Adams, S.G. The use of Botulinum toxin in the treatment of laryngeal dystonia. Centre for Habilitation Education and Research Seminar, Department of Kinesiology, University of Waterloo, March 1994.

Adams, S.G. Treatment of speech in Parkinson's disease. The Parkinson Foundation of Canada, Peterborough, Ontario, April, 1994.

Adams, S.G. & Durkin, L. A comparison of biofeedback procedures for the treatment of low speech intensity in Parkinson's disease. The Parkinson Foundation of Canada, Toronto, Ontario, October 1993.

Adams, S.G. & Irish, J. Spasmodic dysphonia: Research update. Dystonia Awareness Symposium, Dystonia Medical Research Foundation, Toronto, Ontario, May 1993.

Adams, S.G. Treatment of speech disorders in Parkinson's disease. The Parkinson Foundation of Canada, Toronto, Ontario, January, 1991.

CURRENT GRANTS AND AWARDS

1) Agency: Weston Brain Institute (Rapid Response)

Project Title: Speech-in-Noise Treatments to Improve Hypophonia in Everyday Social Contexts for Individuals with Parkinson's Disease

Amount Awarded: \$197,788

Funding Period: 2020-2022

Investigators: Scott Adams (PI), Vijay Parsa & Mandar Jog

PREVIOUS GRANTS AND AWARDS

1) Agency: Merz Pharmaceuticals

Project Title: The Effect of Vocal Rest versus Vocalization following Xeomin® Injections in Spasmodic Dysphonia

Amount Awarded: \$25,000

Funding Period: 2017-2019

Investigators: M. Jog, S.G. Adams & A. Page

2) Agency: Parkinson Society of Southwestern Ontario

Project Title: Evaluation of a speech-to-noise feedback device for treatment of hypophonia in Parkinson's disease

Amount Awarded: \$20,000

Funding Period: 2018-2019

Investigators: D. Cushnie-Sparrow, S.G. Adams

3) Agency: Parkinson Society of Southwestern Ontario

Project Title: A Comparison of Voice Amplifiers and Personal Communication Systems in Individuals with Parkinson's Disease

Amount Awarded: \$20,000

Funding Period: 2017-2018

Investigators: T. Knowles, S.G. Adams

4) Agency: Parkinson Canada

Project Title: The role of Auditory Feedback for Speech Intensity Regulation in Parkinson's Disease

Amount Awarded: \$30,000

Funding Period: 2017-2019

Investigators: A. Abeyesekera, & S.G. Adams

5) Agency: Heart and Stroke Foundation of Canada

Project Title: Neuropsychological profiles and neuroanatomic correlates of limb apraxia

Amount Awarded: \$207,000 (\$69,864 for 2011-2012)

Funding Period: 2011-2014

P-Investigators: E. Roy & S. Black (University of Waterloo)

Co-Investigators: M. Dixon, J. Danckert, N. Park, S. Adams

6) Agency: Heart and Stroke Foundation of Canada

Project Title: Neuropsychological profiles and neuroimaging correlates of limb apraxia

Amount Awarded: \$730,000

Funding Period: 2004-2010

P-Investigators: E. Roy & S. Black

Co-Investigators: M. Dixon, J. Danckert, N. Park, S. Adams

7) Agency: UWO Academic Development Fund

Project Title: New speech evaluation and treatment procedures in Parkinson's disease

Amount Awarded: \$39,000

Funding Period: 2004-2008

Investigator: S.G. Adams

8) Agency: Janssen-Ortho Inc. Research Grant

Project Title: A Comparison of the effects of Topiramate on upper limb and vocal/oral

tremor

Amount Awarded: \$12,000

Funding Period: 2002-2004

Investigators: M. Jog, S.G. Adams, M. Jenkins

9) Agency: Ontario Ministry of Education, Ontario- Quebec Projects of Exchange
Project Title: Comparison of Clear and Conversational Speech Characteristics in Quebec
French and Ontario English

Amount Awarded: \$4,500

Funding Period: 1999-2001

Investigators: P.C. Doyle, H.A. Leeper, D.H. McFarland, S.G. Adams, J. Gagne

10) Agency: Natural Sciences and Engineering Council

Project Title: Studies of Speech Rate and Oral Movement Speed Control

Amount Awarded: \$70,000

Funding Period: 1996-2000

Investigator: Scott Adams

11) Agency: Association of Universities and Colleges of Canada - Science & Technology
with European Partners (STEP)

Project Title: Sensorimotor Control in Human Oral and Limb Movements

Amount Awarded: \$2,100

Funding Period: 1998-99

Investigators: Scott G. Adams (UWO) and Gabriel Gauthier (Centre National de la
Recherche Scientifique, Marseille, France)

12) Agency: Natural Sciences and Engineering Council

Project Title: Studies of Limb and Oral Bradykinesia in Parkinson's Disease

Amount Awarded: \$52,500

Funding Period: 1993-1996

Investigator: Scott Adams

13) Agency: American Speech-Language and Hearing Association Foundation

Project Title: Effects of Altered Auditory Feedback on Speech in Parkinson's Disease

Amount Awarded: \$5,000

Funding Period: 1993-1994

Investigator: Scott Adams

14) Agency: Ontario Ministry of Health Training Grant

Project Title: Rehabilitation of Sensorimotor Speech Disorders

Amount Awarded: \$50,000

Funding Period: 1992-1993

Investigators: Paula Square, Luc DeNil, & Scott Adams

Fellows: Lisa Archibald & Joanne Winckel

15) Agency: Parkinson Foundation of Canada, Toronto Chapter (Donald Brill Fund) &
The Shulman Movement Disorders Centre

Project Title: A Comparison of Biofeedback Procedures for the Treatment of Low Speech
Intensity in Parkinson's Disease

Amount: \$8,000

Funding Period: 1993-1994

Investigator: Scott Adams

UNDERGRADUATE TEACHING

- 2010-2011 Speech Science (CSD 4497b). School of Communication Sciences &
Disorders, University of Western Ontario
- 2009-2010 Speech Science (CSD 4497b). School of Communication Sciences &
Disorders, University of Western Ontario
- 2008-2009 Speech Science (CSD 4497b). School of Communication Sciences &
Disorders, University of Western Ontario
- 2006-2007 Speech Science (CSD 4497b). School of Communication Sciences &
Disorders, University of Western Ontario
- 2005-2006 Speech Science (CSD 4497b). School of Communication Sciences &
Disorders, University of Western Ontario
- 2004-2005 Speech Science (CSD 4497b). School of Communication Sciences &
Disorders, University of Western Ontario
- 2003-2004 Speech Science (CSD 4497b). School of Communication Sciences &
Disorders, University of Western Ontario
- 2002-2003 Speech Science (CSD 4497b). School of Communication Sciences &
Disorders, University of Western Ontario
- 2001-2002 Speech Science (CSD 4497b). School of Communication Sciences &
Disorders, University of Western Ontario
- 1999-2000 Speech Science (CSD 4497b). School of Communication Sciences &
Disorders, University of Western Ontario
- 1998-1999 Speech Science (CSD 4497b). School of Communication Sciences &
Disorders, University of Western Ontario
- 1997-1998 Speech Science (CSD 4497b). School of Communication Sciences &
Disorders, University of Western Ontario
- 1996-1997 Speech Science (CSD 4497b). School of Communication Sciences &
Disorders, University of Western Ontario

- 1995-1996 Speech Science (CSD 4497b). School of Communication Sciences & Disorders, University of Western Ontario
- 1992-93 U. Toronto, Medicine, (Year 1) Brain and Behaviour Course, (Contributor)
- 1990-93 U. Waterloo, Kinesiology (KIN456), Cognitive Dysfunction and Motor Skill (Contributor)

GRADUATE TEACHING

- 2019-2020 Speech Science (CSD 9615/9625). School of Communication Sciences & Disorders, Western University
- 2018-2019 Speech Science (CSD 9615/9625). School of Communication Sciences & Disorders, Western University
- 2017-2018 Speech Science (CSD 9615/9625). School of Communication Sciences & Disorders, Western University
- 2016-2017 Speech Science (CSD 9615/9625). School of Communication Sciences & Disorders, Western University
- 2016-2017 Speech Science for Audiology (CSD 9514). School of Communication Sciences & Disorders, Western University
- 2015-2016 Speech Science (CSD 9615/9625). School of Communication Sciences & Disorders, Western University
- 2013-2014 Speech Science (CSD 9615/9625). School of Communication Sciences & Disorders, Western University
- 2012-2013 Speech Science (CSD 9615/9625). School of Communication Sciences & Disorders, Western University
- 2011-2012 Speech Science (CSD 9615/9625). School of Communication Sciences & Disorders, Western University
-
- 2019-2020 Neurologically-based Speech Disorders (CSD 9630/9640). School of Communication Sciences & Disorders, Western University
- 2018-2019 Neurologically-based Speech Disorders (CSD 9630/9640). School of Communication Sciences & Disorders, Western University
- 2017-2018 Neurologically-based Speech Disorders (CSD 9630/9640). School of Communication Sciences & Disorders, Western University
- 2016-2017 Neurologically-based Speech Disorders (CSD 9630/9640). School of Communication Sciences & Disorders, Western University
- 2015 Fall Neurologically-based Speech Disorders (CSD 9630/9640). School of Communication Sciences & Disorders, Western University
- 2016 Spring Neurologically-based Speech Disorders (CSD 9630/9640). School of Communication Sciences & Disorders, Western University
- 2014-2015 Neurologically-based Speech Disorders (CSD 9630/9640). School of

- Communication Sciences & Disorders, Western University
- 2013-2014 Neurologically-based Speech Disorders (CSD 9630/9640). School of Communication Sciences & Disorders, Western University
- 2011-2012 Neurologically-based Speech Disorders (CSD 9630/9640). School of Communication Sciences & Disorders, Western University
- 2010-2011 Dysarthria, Dyspraxia & Associated Disorders (CSD 622b). School of Communication Sciences & Disorders, University of Western Ontario
- 2009-2010 Dysarthria, Dyspraxia & Associated Disorders (CSD 622b). School of Communication Sciences & Disorders, University of Western Ontario
- 2008-2009 Dysarthria, Dyspraxia & Associated Disorders (CSD 622b). School of Communication Sciences & Disorders, University of Western Ontario
- 2006-2007 Dysarthria, Dyspraxia & Associated Disorders (CSD 622b). School of Communication Sciences & Disorders, University of Western Ontario
- 2005-2006 Dysarthria, Dyspraxia & Associated Disorders (CSD 622b). School of Communication Sciences & Disorders, University of Western Ontario
- 2004-2005 Dysarthria, Dyspraxia & Associated Disorders (CSD 622b). School of Communication Sciences & Disorders, University of Western Ontario
- 2003-2004 Dysarthria, Dyspraxia & Associated Disorders (CSD 622b). School of Communication Sciences & Disorders, University of Western Ontario
- 2002-2003 Dysarthria, Dyspraxia & Associated Disorders (CSD 622b). School of Communication Sciences & Disorders, University of Western Ontario
- 2001-2002 Dysarthria, Dyspraxia & Associated Disorders (CSD 622b). School of Communication Sciences & Disorders, University of Western Ontario
- 1999-2000 Dysarthria, Dyspraxia & Associated Disorders (CSD 622b). School of Communication Sciences & Disorders, University of Western Ontario
- 1998-1999 Dysarthria, Dyspraxia & Associated Disorders (CSD 622b). School of Communication Sciences & Disorders, University of Western Ontario
- 1997-1998 Dysarthria, Dyspraxia & Associated Disorders (CSD 622b). School of Communication Sciences & Disorders, University of Western Ontario
- 1996-1997 Dysarthria, Dyspraxia & Associated Disorders (CSD 622b). School of Communication Sciences & Disorders, University of Western Ontario
- 1995-1996 Dysarthria, Dyspraxia & Associated Disorders (CSD 622b). School of Communication Sciences & Disorders, University of Western Ontario
- 2012-2013 Evidence-based practice for clinicians (CSD 761). School of Communication Sciences & Disorders, University of Western Ontario
- 2009-2010 Evidence-based practice for clinicians (CSD 761). School of Communication Sciences & Disorders, University of Western Ontario
- 2008-2009 Evidence-based practice for clinicians (CSD 761). School of Communication Sciences & Disorders, University of Western Ontario
- 2006-2007 Evidence-based practice for clinicians (CSD 761). School of

- 2005-2006 Communication Sciences & Disorders, University of Western Ontario
Evidence-based practice for clinicians (CSD 761). School of
Communication Sciences & Disorders, University of Western Ontario
- 2012-2013 Advanced Seminar in Motor Speech Disorders (CSD 730a). School of
Communication Sciences & Disorders, University of Western Ontario
- 2009-2010 Advanced Seminar in Motor Speech Disorders (CSD 730a). School of
Communication Sciences & Disorders, University of Western Ontario
- 2008-2009 Advanced Seminar in Motor Speech Disorders (CSD 730a). School of
Communication Sciences & Disorders, University of Western Ontario
- 2006-2007 Advanced Seminar in Motor Speech Disorders (CSD 730a). School of
Communication Sciences & Disorders, University of Western Ontario
- 2005-2006 Advanced Seminar in Motor Speech Disorders (CSD 730a). School of
Communication Sciences & Disorders, University of Western Ontario
- 2004-2005 Advanced Seminar in Motor Speech Disorders (CSD 730a). School of
Communication Sciences & Disorders, University of Western Ontario
- 2003-2004 Advanced Seminar in Motor Speech Disorders (CSD 730a). School of
Communication Sciences & Disorders, University of Western Ontario
- 2002-2003 Advanced Seminar in Motor Speech Disorders (CSD 730a). School of
Communication Sciences & Disorders, University of Western Ontario
- 2001-2002 Advanced Seminar in Motor Speech Disorders (CSD 730a). School of
Communication Sciences & Disorders, University of Western Ontario
- 1999-2000 Advanced Seminar in Motor Speech Disorders (CSD 730a). School of
Communication Sciences & Disorders, University of Western Ontario
- 1998-1999 Advanced Seminar in Motor Speech Disorders (CSD 730a). School of
Communication Sciences & Disorders, University of Western Ontario
- 1997-1998 Advanced Seminar in Motor Speech Disorders (CSD 730a). School of
Communication Sciences & Disorders, University of Western Ontario
- 1996-1997 Advanced Seminar in Motor Speech Disorders (CSD 730a). School of
Communication Sciences & Disorders, University of Western Ontario
- 1995-1996 Advanced Seminar in Motor Speech Disorders (CSD 730a). School of
Communication Sciences & Disorders, University of Western Ontario
- 1994-1995 Advanced Seminar in Motor Speech Disorders (CSD 730a). School of
Communication Sciences & Disorders, University of Western Ontario
- 2010-2011 Resonance (CSD 650a). School of Communication Sciences &
Disorders, University of Western Ontario
- 1998-1999 Resonance (CSD 650a). School of Communication Sciences &
Disorders, University of Western Ontario
- 1990-91 U. Toronto, Speech Path.(SPP1534Y), Motor Speech (Contributor)

- 1990-91 U. Toronto, Speech Path.(SPP1528Y), Research Project
 1991-92 U. Toronto, Speech Path.(SPP1534Y), Motor Speech (Contributor)
 1992-93 U. Toronto, Speech Path.(SPP1534Y), Motor Speech (Contributor)
 1992-93 U. Toronto, Speech Path.(SPP1528Y), Research Project
 1993-94 U. Toronto, Speech Path.(SPP1534Y), Motor Speech (Contributor)
 1993-94 U. Toronto, Speech Path.(SPP2502Y), Special Study in Communication Disorders

UNDERGRADUATE STUDENT RESEARCH SUPERVISION (completed)

Co-supervisor of a BSc honours thesis in Kinesiology at Wilfrid Laurier University (2007-2008):

Student: Frances, R. Minnema

Thesis title: Comparison of Parkinson's Disease and Progressive Supranuclear Palsy on Selected Speech Tasks

Supervisors: Quincy J. Almeida and Scott G. Adams

Location: Department of Kinesiology and Physical Education, Wilfrid Laurier University

GRADUATE STUDENT RESEARCH SUPERVISION (career total =32)

1990-1991 Department of Speech Pathology, University of Toronto

Graduate Student: Joanne Winckel (M.HSc.)

Title: Drug cycle related voice changes in Parkinson's disease

1992-1993 Department of Speech Pathology, University of Toronto

Graduate Student: Lisa Durkin (M.HSc.)

Title: The effects of Botulinum toxin injections on aerodynamic measures of spasmodic dysphonia

Graduate Student: Heather Skanes (M.HSc.)

Title: Temporal effects of delayed auditory feedback on rapid speaking Parkinson's

1995-1996 Department of Communicative Disorders, University of Western Ontario

Graduate Student: Mary Theresa Thomas (MCIsc.)

Title: Effects of temporal resynthesis on the perception of rapid Parkinsonian speech

Graduate Student: Kim Racicot (MCIsc.)

Title: An acoustic and perceptual analysis of speaking rate in Parkinson's disease

1996-1997 Department of Communicative Disorders, University of Western Ontario

Graduate Student: Darin Quinn (M.Sc. Thesis)

Title: Session-to-session consistency of speech kinematics and speaking rate

Graduate Student: Kimberly Reyno-Briscoe (M.Sc. Thesis)

Title: Acoustic correlates of monopitch and monoloudness in Parkinson's disease

Graduate Student: Kim Doucet (M.Sc. Thesis)

Title: Effects of delayed auditory feedback on the speech kinematics of normal speakers

1997-1998 Department of Communicative Disorders, University of Western Ontario

Graduate Student: Lisa Odlozinski (M.Sc. Thesis)

Title: An acoustic analysis of speech rate control procedures in Parkinson's disease

Graduate Student: Stephanie Ellis (M.Sc. Thesis)

Title: Effects of acoustic resynthesis on the perception of spasm severity in spasmodic dysphonia

1998-1999 Department of Communicative Disorders, University of Western Ontario

Graduate Student: Laura Hutchinson (M.Sc. Thesis)

Title: Effects of delayed auditory feedback on the speech kinematics of normal and Parkinsonian speakers

Graduate Student: Victoria Miles (M.Sc. Thesis)

Title: Speech kinematics in young and older women

1999-2000 School of Communication Sciences & Disorders, University of Western Ontario

Graduate Student: Allyson Page (M.Sc. Thesis)

Title: Practice and feedback variables in speech motor learning.

Graduate Student: Michele Mitchell (M.Sc. Thesis)

Title: Effects of delayed auditory feedback on perceptual and acoustic measures of Parkinsonian speech.

2000-2001 School of Communication Sciences & Disorders, University of Western Ontario

Graduate Student: Margaret Gartrel (MCIsc)

Title: Acoustic correlates of rapid speech rate and short rushes of speech in Parkinson's disease

Graduate Student: Marna Loeb (MCIsc)

Title: Acoustic correlates of imprecise consonants in Parkinson's disease

Graduate Student: Tracey Slater (MSc. Thesis)

Title: Aerodynamic characteristics of velopharyngeal and oral orifice function in individuals with ALS

2003-2004 School of Communication Sciences & Disorders, University of Western Ontario

Graduate Student: Olga Haralabous (MSc. Thesis)

Title: Effect of multi-talker background noise, cueing, and feedback on speech intensity in Parkinson's disease

Graduate Student: Nicole Howitz (MSc. Thesis)

Title: Effects of thalamic deep brain stimulation on vocal, oral, and upper limb essential tremor

2004-2005 School of Communication Sciences & Disorders, University of Western Ontario

Graduate Student: Bon-hi Moon (MSc. Thesis)

Title: Effects of background noise, listener context, speech task, and requests for clarification on speech intensity in Parkinson's disease

2005-2006 School of Communication Sciences & Disorders, University of Western Ontario

Graduate Student: Kayla Abrams (MSc. Thesis)

Title: Acquisition, retention and transfer of speech intensity targets trained in background noise in Parkinson's disease

2005-2007 School of Communication Sciences & Disorders, University of Western Ontario

Graduate Student: Jennifer Winnel (MSc. Thesis)

Title: The effects of interlocuter distance, concurrent task, and background noise on speech intensity in Parkinson's disease

2003-2007 PhD Program in Rehabilitation Sciences, UWO

Graduate Student: Allyson Dykstra

Title: The effects of hypophonia on speech intelligibility, communication effectiveness and communication related quality of life in Parkinson's disease

2010-2012 MSc Program in Rehabilitation Sciences, Speech and Language Sciences, UWO

Graduate Student: Teresa Valenzano

Title: The effect of concurrent cognitive, linguistic and motor tasks on speech intensity in Parkinson's disease

2010-2012 MSc Program in Rehabilitation Sciences, Speech and Language Sciences, UWO

- Graduate Student: Jenna Clark
Title: Loudness Perception and Speech Intensity Control in Parkinson's Disease
- 2010-2012 MSc Program in Rehabilitation Sciences, Speech and Language Sciences, UWO
Graduate Student: Talia Leszcz
Title: The effect of multitalker background noise on speech intelligibility in Parkinson's disease and controls
- 2011-2013 MSc Program in Rehabilitation Sciences, Speech & Language Sciences, UWO
Graduate Student: Monika Andreetta (MSc. Thesis)
Title: A comparison of speech amplification devices for individuals with Parkinson's disease
- 2011-2013 MSc Program in Rehabilitation Sciences, Speech & Language Sciences, UWO
Graduate Student: Cassandra McCaig (MSc. Thesis)
Title: Effects of concurrent walking tasks and interlocutor distance on conversational speech intensity in Parkinson's disease
- 2013-2019 MCIsc/PhD combined program in Rehabilitation Sciences and Communication Sciences and Disorders (Speech Language Pathology/Speech and Language Sciences)
Graduate Student: Anita Abeysekera (MCIsc. and PhD)
- 2013-2019 MCIsc/PhD combined program in Rehabilitation Sciences and Communication Sciences and Disorders (Speech Language Pathology/Speech and Language Sciences)
Graduate Student: Cynthia Mancinelli (MCIsc. and PhD)
- 2014-2019 MCIsc/PhD combined program in Rehabilitation Sciences and Communication Sciences and Disorders (Speech Language Pathology/Speech and Language Sciences)
Graduate Student: Thea Knowles (MCIsc. and PhD)
- 2016-present MCIsc/PhD combined program in Rehabilitation Sciences and Communication Sciences and Disorders (Speech Language Pathology/Speech and Language Sciences)
Graduate Student: Daryn Cushnie-Sparrow (MCIsc. and PhD)
- 2019-present MCIsc/PhD combined program in Rehabilitation Sciences and Communication Sciences and Disorders (Speech Language Pathology/Speech and Language Sciences)

Graduate Student: Lindsay Robinson (MCIsc. and PhD)

EXTERNAL PH.D. EXAMINATION COMMITTEES

- 2001 University of Toronto, Graduate Department of Speech-Language Pathology
 Graduate student: Torrey Loucks (Supervisor: Luc DeNil)
 Title: A systematic investigation of sensorimotor function in persons who stutter: Evidence for a kinaesthetic deficit
- 2003 University of Waterloo, Department of Psychology
 Graduate student: Mark Dowhaniuk (Supervisor: Mike Dixon)
 Title: The role of the central executive and working memory during non-lexical reading: Evidence from a case of non-fluent primary progressive aphasia
- 2010 Wilfrid Laurier University, Department of Psychology
 Graduate student: Dwayne N. Keough
 Title: The role of auditory feedback on the control of voice fundamental frequency (F0) while singing

POST-GRADUATE RESEARCH SUPERVISION

- 1992-93 Ministry of Health, Pre-doctoral Fellowship
 Project title: Modified Auditory Feedback for the Treatment of Parkinsonian Speech Disorders
 Fellow: Joanne Winckel, MHSc.
- 1993-94 University of Toronto, Faculty of Medicine, Department of Otolaryngology, Resident's Research Project.
 Project title: The Effect of Neuromuscular Activity on Botox Injections in Spasmodic Dysphonia
 Resident: David Wong, M.D. (Co-supervisor with J. Irish)
- 1994-95 University of Toronto, Faculty of Medicine, Department of Otolaryngology, Resident's Research Project.
 Project title: A prospective study of patients' subjective responses to Botulinum toxin injection for spasmodic dysphonia
 Resident: Terry Lui, M.D. (Co-supervisor with J. Irish)

TEACHING AWARDS

- 1995-1996 University of Western Ontario Student Council Teaching Honour Roll
- 1996-1997 University of Western Ontario Student Council Teaching Honour Roll
- 2002-2003 Certificate of Appreciation for Teaching, Faculty of Health Sciences, UWO
- 2003-2004 Certificate of Appreciation for Teaching, Faculty of Health Sciences, UWO
- 2004-2005 Certificate of Appreciation for Teaching, Faculty of Health Sciences, UWO
- 2004-2005 University of Western Ontario Student Council Teaching Honour Roll
- 2005-2006 Recognition of Excellence (Evaluations +6.3 / 7), Faculty of Health Sciences, UWO
- 2005-2006 Recognition of Excellence (Top 10% of School), Faculty of Health Sciences, UWO
- 2005-2006 University Students' Council Teaching Honour Role, Award of Excellence, UWO
- 2006-2007 Recognition of Excellence (Evaluations +6.3 / 7), Faculty of Health Sciences, UWO
- 2007-2008 Recognition of Excellence (Evaluations +6.3 / 7), Faculty of Health Sciences, UWO
- 2007-2008 Recognition of Excellence (Top 10% of School), Faculty of Health Sciences, UWO
- 2009-2010 Recognition of Excellence (Evaluations +6.3 / 7), Faculty of Health Sciences, UWO
- 2010-2011 Recognition of Excellence (Evaluations +6.3 / 7), Faculty of Health Sciences, UWO
- 2011-2012 Recognition of Excellence (Top 10% of School), Faculty of Health Sciences, UWO

- 2011-2012 Recognition of Excellence (Evaluations +6.3 / 7), Faculty of Health Sciences, UWO
- 2012-2013 Recognition of Excellence (Evaluations +6.3 / 7), Faculty of Health Sciences, UWO
- 2013-2014 Recognition of Excellence (Evaluations +6.3 / 7), Faculty of Health Sciences, UWO
- 2015-2016 Recognition of Excellence (Evaluations +6.3 / 7), Faculty of Health Sciences, UWO
- 2017-2018 Recognition of Excellence (Evaluations +6.3 / 7), Faculty of Health Sciences, UWO
- 2018-2019 Recognition of Excellence (Evaluations +6.3 / 7), Faculty of Health Sciences, UWO

PROFESSIONAL ORGANIZATIONS

- 1994-2021 College of Audiologists and Speech-Language Pathologists of Ontario – Licensed
- 1995-2000 American Speech-Language and Hearing Association, Certificate of Clinical Competence (Speech-Language Pathology), and full membership
- 1983-1993 Ontario Speech and Hearing Association - Registered
- 1992-1994 American Speech-Language and Hearing Association – Member

PROFESSIONAL CONTRIBUTIONS

a) Journal and Grant Reviews

- 1988-21 Editorial consultant/Reviewer, Journal of Speech and Hearing Research
- 1993-06 Editorial consultant, Journal of the Acoustical Society of America
- 1991-1993 Reviewer for the Parkinson Foundation of Canada
- 1992-93,99-05 2014-21 Reviewer for the Journal of Movement Disorders
- 1994-95 Reviewer for the Journal of Phonetics
- 1994-95 Reviewer for the Journal of Otolaryngology
- 2000-13 Reviewer for the Journal of Medical Speech-Language Pathology
- 1996-21 Reviewer for the Journal of Speech-Language Pathology and Audiology

2006;2013-14 Reviewer for the Canadian Journal of Neurological Sciences
 2006-08; 2016-21 Reviewer for the Journal of Communication Disorders
 1998-2015 Grant reviewer for the Natural Sciences and Engineering Council of Canada

1999 Grant Review Committee Member, Neurological Disease and Stroke, National Institute of Health (NIH)

2002-2005, Grant reviewer for the Heart and Stroke Foundation of Canada

2009-2010

2011-2013 Reviewer for Folia Phoniatica

b) Professional Organization Committees

1995-1996 Member of the American Speech-Language and Hearing Association Convention Program Committee (Normal Processes of Speech Production and Perception)

1998-1999 Member of the American Speech-Language and Hearing Association Convention Program Committee

1999-2000 Member of the Conference on Motor Speech Convention Program Committee

2000-2002 Program Chair for the Conference on Motor Speech

2005 Session organizer and moderator for the Speech Science sessions, Canadian Acoustical Association Conference, London, Ontario

2006 Session organizer and moderator for the Speech and Hearing Science sessions at the Canadian Acoustical Association Conference, Halifax, Nova Scotia

UNIVERSITY ADMINISTRATIVE DUTIES

1992-1994 Research Committee, Graduate Department of Speech Pathology, University of Toronto

1994-1996 Ad Hoc Graduate Studies Committee, Department of Communicative Disorders, University of Western Ontario

1996-1997 Executive Committee, Department of Communicative Disorders, University of

Western Ontario

- 1996-1997 Provost's Advisory Committee on Teaching and Learning, University of Western Ontario
- 1997-2000 Graduate Studies Committee, School of Communication Sciences and Disorders, University of Western Ontario
- 1997-1999 Review Board for Health Sciences Research Involving Human Subjects, University of Western Ontario
- 1998-2000 International Exchange Committee, Faculty of Health Sciences
- 1999-2000 Implementation Task Team, Faculty of Health Sciences
- 2002-2003 Research Committee, School of Communication Sciences and Disorders
- 2002-2003 Executive Committee, Faculty of Health Sciences
- 2002-2003 Academic Development Fund (ADF) Committee, Faculty of Health Sciences
- 2003-2004 Workload Committee, School of Communication Sciences and Disorders
- 2003-2004 Graduate Admissions Committee, School of Communication Sciences and Disorders
- 2003-2004 Graduate Awards Committee, School of Communication Sciences and Disorders
- 2004-2007 Graduate Affairs Committee, School of Communication Sciences and Disorders
- 2004-2007 Appointments Committee, School of Communication Sciences and Disorders
- 2009-2010 Appointments Committee, School of Communication Sciences and Disorders
- 2009-2010 Promotion and Tenure Committee, School of Communication Sciences and Disorders
- 2009-2010 40th Anniversary CSD & Homecoming Committee
- 2009-2010 Research Ethics Board – Health Sciences Delegated Reviewer

2009-2010 Research Ethics Board – Full Board Committee Member

2010-2011 Admissions Subcommittee of the Graduate Program Committee

2010-2011 Appointments Committee, School of Communication Sciences and Disorders

2010-2011 Promotion and Tenure Committee, School of Communication Sciences and Disorders

2011-2013 Appointments Committee, School of Communication Sciences and Disorders

2011-2012 Annual Performance Evaluation Committee, School of Communication Sciences and Disorders

2011-2012 Director Selection Committee for the School of Occupational Therapy

2011-2012 Research Ethics Board – Full Board Committee Member

2011-2012 Field Leader – Speech & Language Sciences, Health & Rehabilitation Sciences

2012-2013 Annual Performance Evaluation Committee, School of Communication Sciences and Disorders

2012-2013 Field Leader – Speech & Language Sciences, Health & Rehabilitation Sciences

2013-2014 Field Leader – Speech & Language Sciences, Health & Rehabilitation Sciences

2011-2014 Promotion and Tenure Committee, School of Occupational Therapy

2012-2021 Admissions Subcommittee of the Graduate Program Committee, CSD

2016-2019 Promotion and Tenure Committee, School of Communication Sciences and Disorders

2015-2018 Appointments Committee, School of Communication Sciences and Disorders

2017-2019 Graduate Program Committee, School of Communication Sciences and Disorders

2018-2019 Ad Hoc Committee on Clinic as ADP Vendor

2018-2021 Field Leader – Speech & Language Sciences, Health & Rehabilitation Sciences

2018-2020 Research Ethics Board – Full Board Committee Member

2020-2021 Nominating Committee in CSD

2021-2022 Appointments Committee

2021-2022 Promotion and Tenure Committee

COMMUNITY SERVICE

1998-2021 Research Consultant and Speech Scientist, Movement Disorders Clinic, London Health Sciences Centre (2-5 hours per week)

Signature: Scott Adams

Date: Nov. 9, 2021