

# THEA KNOWLES

Buffalo, NY  
theaknow@buffalo.edu

Lab website:  
<https://www.casa-lab.com>

*Last updated: October 3, 2020*

## CURRENT EMPLOYMENT

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<b>Assistant Professor</b> (tenure system) Communicative Disorders & Sciences University at Buffalo Buffalo, NY	2019 - Present
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## EDUCATION

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<b>Western University, London, ON</b> PhD, Speech & Language Sciences Health & Rehabilitation Sciences	2014 - 2019
<b>Western University, London, ON</b> MClSc, Speech-Language Pathology Communication Sciences & Disorders	2014 - 2019
<b>McGill University, Montréal, QC</b> B.A. Honours, Linguistics First Class Honours, Distinction	2008 - 2012

## FUNDING

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### **Funded: Research Scholarships**

- Ontario Graduate Scholarship; 2018 — 2019 (Value: \$15,000 CAD)
- Ontario Graduate Scholarship; 2017 — 2018 (Value: \$15,000 CAD)
- Western University Graduate Research Scholarship; 2014 — 2019 (Value: approx. \$19,000 CAD annually)

### **Funded: Clinical Grants**

- Parkinson Voice Project LOUD Crowd® Grant' 2020 - 2021

### **Unfunded**

- American Speech-Language-Hearing Foundation New Investigators Research Grant; 2020
- American Speech-Language-Hearing Association Advancing Academic-Research Careers Award; 2020
- Vanier Scholarship Nominee (nominated by Western University Faculty of Health Sciences); 2016

## HONOURS & AWARDS

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### **Travel Awards**

- Graduate Student Conference Summer Travel Subsidy (Western University Society of Graduate Students); 2018 (Value: \$500 CAD)

- Graduate Student Conference Spring Travel Subsidy (Western University Faculty of Health Sciences); 2018 (Value: \$250 CAD)
- Graduate Student Conference Winter Travel Subsidy (Western University Society of Graduate Students); 2018 (Value: \$300 CAD)
- Graduate Student Conference Spring Travel Subsidy (Western University Society of Graduate Students); 2016 (Value: \$500 CAD)
- Graduate Student Conference Spring Travel Subsidy (Western University Health & Rehabilitation Sciences); 2016 (Value: \$400 CAD)
- Graduate Student Conference Spring Travel Subsidy (Western University Faculty of Health Sciences); 2018 (Value: \$300 CAD)

## PUBLICATIONS

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### Journal Articles

6. **Knowles, T.**, Adams, S. G., Page, A., Cushnie-Sparrow, D., & Jog, M. (In press). A comparison of speech amplification and personal communication devices for hypophonia. *Journal of Speech, Language, and Hearing Research*.
5. Adams, S., Kumar, N., Rizek, P., Hong, A., Zhang, J., Abeyesekera, A., Mancinelli, C., **Knowles, T.**, & Jog, M. (2020). Efficacy and acceptance of a Lombard-response device for hypophonia in Parkinson's disease. *The Canadian Journal of Neurological Sciences*.
4. Sonderegger, M., Stuart-Smith, J., **Knowles, T.**, Macdonald, R., & Rathcke, T. (2020). Structured heterogeneity in Scottish stops over the twentieth century. *Language*, 96(1), 94-125.
3. Abeyesekera, A., Adams, S., Mancinelli, C., **Knowles, T.**, Gilmore, G., Delrobaei, M., Jog, M. (2019). Effects of deep brain stimulation of the subthalamic nucleus settings on voice quality, intensity, and prosody in Parkinson's disease: preliminary evidence for speech optimization. *Canadian Journal of Neurological Sciences*, 46(3), 287-294. doi: 10.1017/cjn.2019.16
2. **Knowles, T.**, Clayards, M., & Sonderegger, M. (2018). Examining factors influencing the viability of automatic acoustic analysis of child speech. *Journal of Speech, Language, and Hearing Research*, 61(10), 2487-2501. doi: 10.1044/2018\_JSLHR-S-17-0275.
1. **Knowles, T.**, Adams, S., Abeyesekera, A., Mancinelli, C., Gilmore, G., & Jog, M. (2018). Deep brain stimulation of the subthalamic nucleus parameter optimization for vowel acoustics and speech intelligibility in Parkinson's disease. *Journal of Speech, Language, and Hearing Research*, 61(3), 510-524. doi: 10.1044/2017\_JSLHR-S-17-0157.

### Proceedings & Working Papers

5. Cushnie-Sparrow, D., Adams, S.G., **Knowles, T.**, Leszcz, T.M., Jog, M. (2016). Effects of multi-talker noise on the acoustics of voiceless stop consonants in Parkinson's disease. *Western Papers in Linguistics*.
4. **Knowles, T.**, Clayards, M., Sonderegger, M., Wagner, M., Nadig, A., & Onishi, K. (2015). Automatic forced alignment on child speech: Directions for improvement. *Proceedings of Meetings on Acoustics*. doi: 25:060001.
3. Clayards, M. & **Knowles, T.** (2015). Prominence enhances voicelessness and not place distinction in English voiceless sibilants. *Proceedings of the 18th International Congress of Phonetic Sciences*. Glasgow, UK: the University of Glasgow.
2. Little, C. & **Knowles, T.** (2012). Didja know? A comparative study of affrication across word boundaries in Canadian and American English. *Strathy Student Working Papers on Canadian English*.

1. Cheng, J. & **Knowles, T.** (2012). Mandarin VP-Shell: Not as hard as you think. *McGill Cellar Door 1*, 4-20.

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## MANUSCRIPTS

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5. Avenia, K., Ahmed, J., Borovsky, A., McRae, K., Jenkins, M., Sprengel, K., Fraser, J.A., Orange, J.B., **Knowles, T.**, & Roberts, A. (Submitted). Predictive language comprehension in Parkinson's disease.
4. **Knowles, T.**, Adams, S.G., & Jog, M. (Submitted). Voice acoustics along a modified speech rate continuum in Parkinson's disease.
3. **Knowles, T.**, Adams, S.G., & Jog, M. (In prep). Speech intelligibility along a speech rate continuum in Parkinson's disease.
2. **Knowles, T.**, Adams, S.G., & Jog, M. (In prep). Stop voicing contrast is robust in Parkinson's disease along a speech rate continuum.
1. **Knowles, T.**, Clayards, M. (In prep). Effects of prominence on stop consonant production.

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## CODE

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Keshet, J., Sonderegger, M., & **Knowles, T.** (2014). AutoVOT, v. 0.93.

- A software package for automatic measurement of voice onset time (VOT), using the algorithm described in Sonderegger & Keshet (2012).

**Knowles, T.** (unpublished). Publicly available Praat scripts.

- <https://github.com/thealk/PraatScripts>
- Includes Visual Analog Scale administration tool, interactive tutorials, and various scripts designed to facilitate speech analysis.

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## PRESENTATIONS

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### Invited presentations

5. **Knowles, T.** Speech acoustic adjustments along a speech rate continuum in Parkinson's disease. Rehabilitation Science Seminar. University at Buffalo, Buffalo, NY. 3/2020.
4. **Knowles, T.** Speech amplification clinic: Speech-language pathology in-service. H.A. Leeper Speech & Hearing Clinic. Western University, London, ON. 1/2019.
3. **Knowles, T.** Louder but not clearer: Exploring underpinnings of speech intelligibility in dysarthria through acoustic, clinical, and technological lenses. Job talk presented at the University of Minnesota Twin Cities. Minneapolis, MN. 1/2019.
2. **Knowles, T.** Louder but not clearer: Exploring underpinnings of speech intelligibility in dysarthria through acoustic, clinical, and technological lenses. Job talk presented at the University at Buffalo. Buffalo, NY. 11/2018.
1. **Knowles, T.**, Adams, S., Page, A., Cushnie-Sparrow, D., & Jog, M. A comparison of speech amplification and personal communication devices for individuals with Parkinson's disease. Communicative Disorders & Sciences Research Colloquium. University at Buffalo, Buffalo, NY. 4/2018.

### Refereed conference presentations

19. **Knowles, T.**, Adams, S., & Jog, M. VOT voicing distinction is robust along a speech rate continuum in dysarthria. Laboratory Phonology, Virtual, 07/2020. *International poster presentation.*

18. **Knowles, T.**, Adams, S., & Jog, M. Speech intelligibility along a modified speech rate continuum in Parkinson’s disease. International Clinical Linguistics & Phonetics Association. Forthcoming; postponed to 09/2021 due to COVID-19. *International poster presentation*.
17. **Knowles, T.**, Adams, S., & Jog, M. Acoustic changes along a modified speech rate continuum in Parkinson’s disease. Motor Speech Conference. Santa Barbara, CA. 02/2020. *International poster presentation*
16. **Knowles, T.**, Adams, S., Page, A., Cushnie-Sparrow, D., & Jog, M. Evaluating the efficacy of speech amplification and personal communication devices in Parkinson’s disease. American Speech-Language-Hearing Association (ASHA) Conference. Boston, MA. 11/2018. *International poster presentation*
15. **Knowles, T.**, Adams, S., Page, A., Cushnie-Sparrow, D., & Jog, M. A comparison of voice amplification devices in Parkinson’s disease.
  - American Speech-Language-Hearing Association (ASHA) CONNECT Conference. Baltimore, MD. 7/2018 (new data presented). *International poster presentation*
  - Speech-Language Pathology and Audiology Canada (SAC) Conference. Edmonton, AB. 5/2018. *National poster presentation*
14. Mancinelli, C., Adams, S.G., Abeyesekera, A., **Knowles, T.**, Delrobaei, M., & Jog, M. Deep brain stimulation parameter optimization for rate of speech in Parkinson’s disease. American Speech-Language-Hearing Association Convention. Philadelphia, PA. 11/2016. *International poster presentation, presented by first author*.
13. **Knowles, T.**, Adams, S.G., Abeyesekera, 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. 6/2016. *International oral presentation*.
12. Abeyesekera, A., Adams, S.G., **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. 5/2016. *Provincial poster presentation, presented by first author*.
11. **Knowles, T.**, Adams, S.G., Abeyesekera, A., Mancinelli, C., Delrobaei, & M., Jog., M. Deep brain stimulation parameter optimization for speech intelligibility and speech acoustics in Parkinson’s disease. Motor Speech Conference, Newport Beach, CA. 3/2016. *International poster presentation*.
10. Abeyesekera, A., Adams, S.G., **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. Motor Speech Conference, Newport beach, CA. 3/2016. *International poster presentation, presented by first author*.
9. **Knowles, T.**, Clayards, M., Sonderegger, M., Wagner, M., Nadig, A., & Onishi, K. Automatic forced alignment on child speech: Directions for improvement. Meeting of the Acoustical Society of America, Jacksonville, FL. 11/2015. *International poster presentation*.
8. Sonderegger, M., Stuart-Smith, J., Macdonald, R., **Knowles, T.**, & Rathcke, T. Stability and change in Scottish stops: A real-time study of three acoustic cues in Glaswegian vernacular. New Ways of Analyzing Variation 44, Toronto. 10/2015. *International oral presentation, presented by first author*.
7. Clayards, M., & **Knowles, T.** Prominence enhances voicelessness and not place distinction in English voiceless sibilants. 18th International Congress of Phonetic Sciences. Glasgow, Scotland. 8/2015. *International oral presentation, presented by first author*.

6. Stuart-Smith, J., Sonderegger, M., Macdonald, R., **Knowles, T.**, & Rathcke, T. (2014). The private life of stops: VOT in a real-time corpus of spontaneous Glaswegian. 14th Conference on Laboratory Phonology. Tokyo, Japan. 7/2014. *International oral presentation, presented by first author.*
5. Clayards, M., & **Knowles, T.** Sibilants, prominence, contrast and breathy voice. Phonetic Building Blocks of Speech. University of Victoria. Victoria, BC. 9/2014. *International poster presentation, presented by first author.*
4. Clayards, M. & **Knowles, T.** Prosodic strengthening and sibilants. Linguistic Institute Conference on Universality and Variability in segment-prosody interactions. Ann Arbor, MI. 6/2013. *International oral presentation, presented by first author.*
3. Fleischer, D., **Knowles, T.**, Cheng, J., Wagner, M., & Clayards, M. Syntactic effects on compensation for assimilation. Architectures and Mechanisms for Language Processing. Riva del Garda, Italy. 9/2012. *International oral presentation, presented by last author.*
2. Little, C. & **Knowles, T.** Didja Know? Affrication in North American English Dialects.
  - Change and Variation in Canada 7. University of Toronto. Toronto, ON. 5/2012. *National oral presentation.*
  - 2nd Annual Hunter Undergraduate Linguistics and Language Study. Hunter College. New York, NY. 5/2012. *International oral presentation.*
  - International Linguistic Assoc. 58th Annual Conference. Kingsborough Community College. Brooklyn, NY. 4/2012. *International oral presentation.*
  - 10th Annual Harvard Undergraduate Linguistics Colloquium. Harvard University. Cambridge, MA. 4/2012. *International oral presentation.*
1. **Knowles, T.** (2011). Gender and Lexical Variation: Coffee Tasting Descriptors.
  - McGill Canadian Conference for Linguistics Undergraduates. Montréal, QC. 3/2011. *National oral presentation.*
  - 9th Annual Harvard Undergraduate Linguistics Colloquium. Harvard University. Cambridge, MA. *International oral presentation.*

## Local presentations

11. **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. Speech & Language Seminar, Health & Rehabilitation Sciences, Western University. London, ON. 10/2018. *Local oral presentation.*
10. **Knowles, T.**, Adams, S., Page, A., Cushnie-Sparrow, D., & Jog, M. A comparison of voice amplification devices in Parkinson's disease.
  - 5th Annual Movement Disorders Research Retreat. London, ON. 6/2018. *Local oral presentation.*
  - Health & Rehabilitation Graduate Research Conference. Western University, London, ON. 2/2018. *Local oral presentation.*
9. **Knowles, T.** The effect of rate manipulation on acoustic distinctiveness and intelligibility in dysarthria: Prospectus.
  - Speech & Language Seminar, Health & Rehabilitation Sciences, Western University. London, ON. 10/2017. *Local oral presentation.*

- 4th Annual Movement Disorders Research Retreat. London, ON. 6/2017. *Local oral presentation.*
- 8. **Knowles, T.**, Adams, S.G., Abeyesekera, A., Mancinelli, C., Gilmore, G., & Jog, M. Deep brain stimulation parameter optimization: Vowel acoustics in Parkinson’s disease. Health & Rehabilitation Graduate Research Conference. Western University, London, ON. 2/2017. *Local oral presentation.*
- 7. Cushnie-Sparrow, D., Adams, S.G., Leszcz, T., **Knowles, T.**, & Jog, M. Effects of multitalker noise on the acoustics of voiceless stop consonants in Parkinson disease. Western Interdisciplinary Student Symposium on Language Research, London, ON. 3/2016. *Local oral presentation, presented by first author.*
- 6. **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 Conference. Western University, London, ON. 2/2016. *Local oral presentation.*
- 5. **Knowles, T.**, Adams, S.G., Abeyesekera, A., Mancinelli, C., Delrobaei, & M., Jog, M. Deep brain stimulation and speech.
  - 3rd Annual Movement Disorders Research Retreat. Toronto, ON. 6/2016. *Local oral presentation.*
  - 2nd Annual Movement Disorders Research Retreat. London, ON. 6/2015. *Local oral presentation.*
- 4. **Knowles, T.**, Adams, S.G., Abeyesekera, A., Mancinelli, C., Delrobaei, & M., Jog, M. Effect of deep brain stimulation parameters on speech intelligibility and speech acoustics in Parkinson’s disease.
  - Health & Rehabilitation Sciences Graduate Research Conference. Western University, London, ON. 2/2015. *Local poster presentation.*
  - Faculty of Health Sciences Research Day. Western University, London, ON. 3/2015. *Local poster presentation.*
- 3. Abeyesekera, A., Adams, S., **Knowles, T.**, Mancinelli, C., Delrobaei, M., & Jog, M. Effect of different deep brain stimulation parameters on voice quality, speech intensity, and prosody in Parkinson’s Disease. Health & Rehabilitation Sciences Graduate Research Conference, Western University, London, ON. 2/2015. *Local poster presentation, presented by first author.*
- 2. Mancinelli, C., Adams, S., Abeyesekera, A., **Knowles, T.**, Delrobaei, M., & Jog, M. Deep brain stimulation parameter optimization for rate of speech in Parkinson’s Disease. Health & Rehabilitation Sciences Graduate Research Conference, Western University, London, ON. 2/2015. *Local poster presentation, presented by first author.*
- 1. Clayards, M., Wonnacott, E., & **Knowles, T.** A case study of childhood L2 learning of phonological contrasts. McGill School of Communication Sciences and Disorders 50th Anniversary Open House. McGill University. Montréal, QC. 11/2013. *Local poster presentation, presented by first author.*

## MEDIA

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“**Speech in Parkinson’s disease: The potential role of amplification devices.**” Article written for *The Parkinson’s Update (68)*. Parkinson Society Southwestern Ontario. Online. Summer/Fall 2018. <https://parkinsonsociety.ca/wp-content/uploads/2018/07/Parkinson-68-complete-for-web-Compressed-003-final.pdf>

“**The R-Ladies Piece.**” Interview by GradCast for *Radio Western*. Radio. 6/2017.

“Research fine-tunes Parkinson’s speech impact.” Interview by Paul Mayne for *Western News*. Online. 3/2016. <https://news.westernu.ca/2016/03/research-fine-tunes-parkinsons-speech-impact/>

## PROFESSIONAL EXPERIENCE: RESEARCH

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### Research Assistant

November 2014 - August 2019

*Speech Movement Disorders Lab, Western University*

*London, ON*

- Assist with study design, ethics submission, data collection related to a comparison of assistive speech devices for individuals with Parkinson’s disease

### Lab Coordinator/Research Assistant

October 2014 - June 2017

*Language & Cognition Lab, Western University*

*London, ON*

- Assist with study design, ethics proposals, recruitment, data collection/analysis related to language comprehension in Parkinson’s disease
- Manage research assistants, coordinate meetings, ensure project deadlines are met

### Project Manager: Tools for Looking at Variability in Speech

August 2013 - June 2014

*McGill University*

*Montréal, QC*

- Multidisciplinary collaboration with Communication Sciences & Disorders, Linguistics, & Psychology investigating viability of automated analysis with large scale variable speaker populations
- Trained & managed 12+ research assistants in speech analysis

### Lab Manager: Speech Learning Lab

August 2013 - June 2014

*Linguistics Department, McGill University*

*Montréal, QC*

- Trained & managed research assistants in acoustic analysis
- Provided training materials and conducted tutorial on Praat scripting

### Lab Manager: Montréal Language Modeling Lab

June 2013 - June 2014

*Linguistics Department, McGill University*

*Montréal, QC*

- Developed automated scripts for speech analysis, performed data collection & acoustic analysis
- Trained & managed research assistants & coordinated meetings

### Research Assistant: CHILDES PhonBank Project

September 2012 - March 2014

*Linguistics Department, McGill University*

*Montréal, QC*

- Edited and maintained corpus of child phonological data
- Provided detailed feedback for ongoing development of PhonBank software

### Research Assistant: McGill Prosody Lab

June 2012 - June 2014

*Linguistics Department, McGill University*

*Montréal, QC*

- Performed data collection for a variety of speech production and perception experiments
- Assisted in data analysis using MatLab and Praat software

### Research Assistant: Speech Learning Lab

November 2011 - June 2014

*Linguistics Department, McGill University*

*Montréal, QC*

- Assisted in speech perception and production experimental design
- Conducted acoustic and statistical analysis

## PROFESSIONAL EXPERIENCE: CLINICAL

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**Speech-language pathologist (Clinical Fellowship)***University at Buffalo Speech, Language, and Hearing Clinic*

November 2019 - present

*Buffalo, NY*

- I lead three weekly LOUD Crowd® group therapy sessions for people with Parkinson's disease through the University at Buffalo Speech, Language, and Hearing Clinic as a part time speech-language pathologist. This role is incorporated into my current position as Assistant Professor (tenure track) at the University at Buffalo.
- I am the primary speech-language pathologist on our clinical grant via the Parkinson Voice Project, which funds the LOUD Crowd®.

**Student Clinician: Hospital***Grand River Hospital*

July 2019 - August 2019

*Kitchener, ON*

- Provided swallowing and communication assessments on a stroke unit.

**Student Clinician: Speech Amplification Clinic***H.A. Leeper Speech & Hearing Clinic*

September 2018 - June 2019

*London, ON*

- Developed policies and procedures for and led assessments of individuals with hypophonia seeking a speech amplification device
- Coordinated meetings with speech-language pathologists, audiologists, neurologists and clinic staff to ensure timely prescription of appropriate devices

**Student Clinician: Schoolboard***Thames Valley District Schoolboard*

May 2018 - June 2018

*London, ON*

- Conducted assessment and intervention for school-aged children

**Student Clinician: Fluency disorders***Camp ShoutOut*

August 2017

*Holton, MI, USA.*

- Provided individual and group intervention to children with fluency disorders

**Student Clinician: Acquired neurogenic language disorders***H.A. Leeper Speech & Hearing Clinic*

May 2015 - July 2015

*London, ON*

- Conducted assessment and intervention for adults with aphasia
- Provided individual & group therapy

**Student Clinician: Voice disorders***H.A. Leeper Speech & Hearing Clinic*

May 2015 - June 2015

*London, ON*

- Delivered LSVT-LOUD to client with Parkinson's disease

**Student Clinician: TykeTalk***H.A. Leeper Speech & Hearing Clinic*

January 2015 - April 2015

*London, ON*

- Conducted assessment and intervention for young children with suspected speech and/or language difficulties
- Assisted in providing Hanen Target Word intervention

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**TEACHING EXPERIENCE*****Instructor****University at Buffalo, Department of Communicative Disorders & Sciences***Motor Speech Disorders (CDS640)***Graduate*

Fall 2020



## **Anatomy and Physiology of the Speech Mechanism (CDS288)**

Fall 2019, 2020

*Undergraduate*

### ***Teaching Assistant***

*Western University, Department of Communication Sciences & Disorders*

## **Speech Science (COMMSCI9615)**

Fall 2016, 2017

- Conducted three weekly labs on healthy and disordered speech acoustics for graduate SLP and Audiology students

## **Voice Disorders (COMMSCI9631)**

Spring 2017

- Graded quizzes and exams related to healthy and disordered voice production for graduate SLP students

### ***Guest Lectures***

#### **“Introduction to phonetics”**

*Speech Science (COMMSCI9615)*

September 2017, 2018

*Western University*

#### **“Treatment trends in hypokinetic dysarthria”**

*Motor Speech Disorders (SLP714)*

March 2018

*Central Michigan University*

#### **“Pursuing a PhD in communication sciences and disorders”**

*Professional Practice Issues (COMMSCI9636)*

November 2017

*Western University*

### ***Workshops & tutorials***

#### **Coding for Speech**

*Department of Communicative Disorders & Sciences*

Spring 2020

*University at Buffalo*

- Terminated after 2 sessions due to COVID19 pandemic

#### **“RMarkdown and Bookdown for academic writing”**

*R-Ladies, London, Ontario Chapter*

January 2020

#### **“Dissertating with RMarkdown and Bookdown”**

*R-Ladies, London, Ontario Chapter*

April 2019

#### **“Figuring out figures in R”**

*R-Ladies, London, Ontario Chapter*

October 2018

#### **“Using RMarkdown to generate reports and manuscripts”**

*R-Ladies, London, Ontario Chapter*

March 2018

#### **“Introduction to Praat Scripting”**

*Department of Linguistics*

Spring 2014

*McGill University*

### **ACADEMIC SERVICE & LEADERSHIP**

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#### **Lab Director: Clinical Applications of Speech Acoustics (CASA) Lab**

*Communicative Disorders & Sciences, University at Buffalo*

2019 — Present

*Buffalo, NY*

#### **Co-founder: R-Ladies**

*London, Ontario Chapter*

2017 — 2019

*London, ON*

### ***Advising***

## **MA Thesis Committees**

*University at Buffalo, Department of Communicative Disorders & Sciences*

- Francesca D'Alessandro. Title TBA. In progress.

## ***Reviewing***

### **Journal Articles**

- American Journal of Speech Language Pathology; 2020 (3)
- Journal of Speech, Language, and Hearing Research; 2020 (2)
- International Journal of Language and Communication Disorders; 2020 (1)

### **Conference Abstracts**

- Western University Health & Rehabilitation Sciences Graduate Research Conference (2015, 2016)

## ***Service to the Department***

### **Communicative Disorders & Sciences**

*University at Buffalo*

- Member of Coalition for Anti-Racism & Equity; Summer 2020 - Present
- Member of search committee for Clinical Assistant/Associate Professor; Fall 2020
- Leader of subcommittee departmental SWOT analysis; Winter 2020
- Member of search committee for Assistant Professor; Fall 2019
- Member of search committee for Assistant Professor; Fall 2019

## ***Service as Graduate Student***

### **Health & Rehabilitation Sciences Graduate Student Society**

*Western University*

- Chair/Organizer: Alumni Speaker Series; 2016 — 2017
- Leader of Sponsorship Subcommittee for Graduate Research Conference; 2016 –2017
- Vice-President Finance; 2016 — 2017
- President; 2015 — 2016
- Co-Organizer: Graduate Research Conference; 2016
- Professional Program Preview Day Volunteer (School of Communication Sciences & Disorders); 2015

## **PROFESSIONAL DEVELOPMENT AND VOLUNTEERING**

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### **Pathways Program Attendee**

June 2020

*American Speech-Language-Hearing Association*

*Mentorship program (virtual)*

- Mentorship program for early career researchers in communication sciences and disorders
- "It is intended as an initial step to enhance the training, retention, and funding success of clinical scientists in CSD, with the ultimate goal of advancing the evidence base of the discipline."

### **New Faculty Academy Attendee (Scholarly Writing)**

Fall 2019

*University at Buffalo*

*Buffalo, NY*

- Weekly workshops for new faculty to improve elements of their scholarly research

### **Pin Pals Volunteer**

February - March 2016

*Autism Ontario*

*London, ON*

- Weekly one-on-one bowling outings with children with autism spectrum disorder

### **Operation Smile Volunteer**

September 2015 - June 2016

*Western University*

*London, ON*

- Assisted in fundraising for medical charity providing surgical training for doctors treating children born with cleft lip/palate in underfunded international locations

### **IAL Voice Institute Attendee**

June 2015

*International Association of Laryngectomees*

*Baltimore, MD*

- Passed IAL examination which confirmed acquisition of basic and intermediate levels of knowledge in postlaryngectomy rehabilitation

### **Aphasia Retreat Day Volunteer**

May 2015

*Western University*

*London, ON*

- Volunteered as "communication ramp" for adults with aphasia during full day retreat
- Facilitated communication using SCAA strategies during games and activities

### **Speech-Language Pathology Assistant**

January 2013 - July 2014

*Speech Therapy Montréal*

*Montréal, QC*

- Assisted with early intervention language screenings
- Performed inventory of therapy materials, created client database

### **Software Carpentry Bootcamp Attendee**

January 2013

*McGill University*

*Montréal, QC*

- Professional development related to programming skill enhancement with command line tools, GitHub, and Python

## **PROFESSIONAL AFFILIATIONS**

### **Member**

- American Speech-Language-Hearing Association (ASHA); 2019 — Present
- ASHA Special Interest Groups 2, 19; 2016 — Present
- Academy of Neurologic Communication Disorders and Sciences; 2018 — 2019
- Movement Disorders Society; 2016 — Present
- American National Student Speech-Language-Hearing Association; 2016 — 2019
- Ontario Association of Speech-Language Pathologists and Audiologists (Student member); 2014 — 2019

## **TECHNICAL STRENGTHS**

### **Computer Languages**

R, Praat, L<sup>A</sup>T<sub>E</sub>X, MatLab, Python

## **OTHER INFORMATION**

### **Citizenship**

United States

### **Permanent Residency**

Canada

### **Languages**

English (native), Spanish (advanced), French (novice)