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M.A., M.Phil., PhD candidate

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Education

2014-2022 (expected)	Ph.D. in Communicative Sciences and Disorders New York University (NYU)
2011-2014	M.Phil. in Linguistics M.A. in Chinese Linguistics & Language Acquisition The Chinese University of Hong Kong (CUHK)
2006-2010	B.A. in English; second major in Teaching Chinese as a Second Language Beijing Language and Culture University (BLCU)

Employment

2017-present	Adjunct Instructor	NYU Communicative Sciences and Disorders Department
2016	Teaching Assistant	NYU Communicative Sciences and Disorders Department
2013-2014	Research Assistant	CUHK Linguistics and Modern Languages Department

Research Lab Affiliations

2014-present	Motor Speech Lab, NYU
2019	Speech, Language and Neuroscience Group (SLANG), NYU Shanghai
2016-2019	Biofeedback Intervention Technology for Speech (BITS) Lab, NYU

Research Interests

Speech motor control in bilingual speakers with and without speech sound disorders

Bilingual speech perception and production (acoustics and kinematics)

Bilingual development of speech prosody

Use of biofeedback techniques in second language and clinical speech sound training

Peer-Reviewed Journal Publications and Conference Proceedings

2021   **Li, J. J.**, & Grigos, M. I. Production of English lexical stress by Mandarin speakers: Acoustics and kinematics. *Second Language Research*. **https://doi.org/10.1177/02676583211066290**

2021   Gritsyk, O., Kabakoff, H., **Li, J. J.**, Ayala, S., Shiller, D. M., & McAllister, T. Toward an Index of Oral Somatosensory Acuity: Comparison of Three Measures in Adults. *Perspectives of the ASHA Special Interest Groups*, *6*(2), 500-512. **https://doi.org/10.1044/2021_PERSP-20-00218**

2019	**Li, J. J.**, Ayala, S., Harel, D., Shiller, D. M., & McAllister, T. Individual predictors of response to biofeedback training for second-language production. *The Journal of the Acoustical Society of America, 146*(6), 4625-4643. **https://doi.org/10.1121/1.5139423**

2019	Mok, P. P. K., Li, G., **Li, J. J.**, Ng, H. T. Y. & Cheung, H. Cross-modal association between vowels and colours: a cross-linguistic perspective. *The Journal of the Acoustical Society of America 145* (4), 2265-2276. **https://doi.org/10.1121/1.5096632**

2019	**Li, J. J.**, Ayala, S., Shiller, D & McAllister, T. Predictors of L2 Vowel Learning Success Under Biofeedback Training. In Proceedings of the 19th International Congress of Phonetic Sciences, Melbourne, Australia, August 5-9.

2018	Mok, P. P. K., Lee, A., **Li, J. J.**, & Xu, R. B. Orthographic effects on the perception and production of L2 mandarin tones. *Speech Communication, 101*, 1-10. **https://doi.org/10.1016/j.specom.2018.05.002**

2018	**Li, J. J.** & Grigos, M.I. The effect of L1 prosody in the perception and production of non-native lexical stress. In Proceedings of Speech Prosody 9, 898-902. Poznań, Poland, June 13-16. **doi: 10.21437/SpeechProsody.2018-181**

2014	**Li, J. J.** & Mok, P. P. K. The acquisition of English lexical stress by Cantonese-English bilingual children at 2;6 and 3;0. In Proceedings of Speech Prosody 7, 688-692. Dublin.

2014	Mok, P. P. K., Fung, H. & **Li, J. J.** A preliminary study on the prosody of broadcast news in Hong Kong Cantonese. In Proceedings of Speech Prosody 7, 1072-1075. Dublin.

2014	**Li, J. J.**, Xu, R.B. & Mok, P. P. K. Effect of orthography on L2 production of Mandarin tones. In Proceedings of the 4th International Symposium on Tonal Aspects of Languages (TAL 2014), 147-151. Nijmegen.

2014	Xu, R.B., **Li, J. J.** & Mok, P. P. K. The effect of orthography on L2 perception. In Proceedings of the 4th International Symposium on Tonal Aspects of Languages (TAL 2014), 75-78. Nijmegen.

2012	**Li, J. J.** & Rose, P. Likelihood Ratio-based Forensic Voice Comparison with F-pattern and Tonal F0 from the Cantonese /ɔy/ Diphthong. In Proceedings of the 14th Speech Science and Technology Conference (SST), pp. 201-204. Cox, F., Demuth, K., Lin, S., Miles, K., Palethorpe, S., Shaw, J., and Yuen, I. (eds.), Causal Productions: Australia.

Conference Presentations

2022	**Li, J.J.,** Shiller, D.M., Tian, X, Grigos, M.I. Predictors of individual differences in L2 vowel production. The Conference on Motor Speech, Charleston, SC, USA. Feb 17-20, 2022. Poster presentation.

2021	**Li, J.J.,** Shiller, D.M., Tian, X, Grigos, M.I. Relationship Between L2 Vowel Production and Auditory and Somatosensory Acuity in Late L2 Learners. The Annual Convention of the American Speech-Language-Hearing Association, Washington, D.C., November 18–20, 2021. Poster presentation.

2020	Kabakoff, H., Gritsyk, O., **Li, J.J.**, Ayala, S., Hitchcock, E.R., Preston, J.L., Harel, D., Shiller, D.M., McAllister, T. (December 15, 2020). Tracking development of somatosensory acuity: Age-based comparison of three measures. The 12th International Seminar on Speech Production. Poster presentation.

2020   Gritsyk, O., Kabakoff, H., **Li, J.J.**, Ayala, S., Shiller, D. & McAllister, T. (December 11, 2020). Establishing an index of somatosensory acuity: comparison of three measures in adults. Poster presented at the 179th Meeting of the Acoustical Society of America. Online

2020   **Li, J.J.**, Shiller, D.M., Tian, X., Grigos, M.I. (2020, November). Impact of Individual Differences in Sensory Acuity on L2 Speech Production. Proposal accepted at the Annual Convention of the American Speech-Language-Hearing Association, San Diego, CA, USA. (Convention canceled).

2020   Gritsky, O., Kabakoff, H., **Li, J.J.**, Ayala, S., Shiller, D.M. and McAllister, T. Establishing an Index of Somatosensory Acuity: Comparison of Three Measures in Adults. Proposal accepted at the Annual Convention of the American Speech-Language-Hearing Association, San Diego, CA, USA. (Convention canceled).

2020   Kabakoff, H., Gritsky, O., **Li, J.J.**, Ayala, S., Hitchcock, E.R., Preston, J.L., Harel, D., Shiller, D.M. and McAllister, T. Tracking development of somatosensory acuity: Age-based comparison of three measures. The 12th International Seminar on Speech Production (ISSP 2020), Providence, RI, USA, 14-17 December. Poster presentation.

2019   **Li, J. J.**, Ayala, S., Harel, D., Shiller, D., Niziolek, C. A. & McAllister, T. Changes in L2 production variability associated with visual biofeedback training. The 178th Meeting of the Acoustical Society of America, San Diego, December 2-6. Oral presentation

2019   **Li, J. J.**, Ayala, S., Harel, D., Shiller, D., Niziolek, C. A. & McAllister, T. Effect of Biofeedback Training on Online Correction in L2 Vowel Production. Boston Speech Motor Control Symposium, Boston, MA, June 21. Poster presentation.

2018   **Li, J. J.**, Ayala, S., Shiller, D & McAllister, T. Predictors of Learning Success in Ultrasound Biofeedback Training. The American Speech-Language and Hearing Association Convention, Boston, MA, November 15-17. Poster presentation.

2018   Ayala, S., **Li, J. J.**, Shiller, D & McAllister, T. Does Auditory Acuity Predict Response to Visual-acoustic Biofeedback? The American Speech-Language and Hearing Association Convention, Boston, MA, November 15-17. Poster presentation.

2018   **Li, J. J.**, Ayala, S., Shiller, D & McAllister, T. Perceptual acuity as a predictor of learning success in biofeedback-enhanced speech production training. LabPhon16, Lisbon, Portugal, June 19-22. Poster presentation.

2018   **Li, J. J.**, Ayala, S., Shiller, D & McAllister, T. Do individual differences predict learning outcomes in biofeedback training? The Conference on Motor Speech 2018, Savannah, GA, February 22-25. Oral Presentation.

2016   **Li, J. J.** & Grigos, M.I. Relationship between perception and production of non-native lexical stress contrast. The American Speech-Language and Hearing Association Convention, Philadelphia, PA, November 17–19. Oral presentation.

2016   **Li, J. J.** & Grigos, M.I. Production of English lexical stress by Cantonese and Mandarin speakers. The Conference on Motor Speech 2016, Newport Beach, CA. March 2-6. Poster presentation.

2015   **Li, J. J.** & Grigos. M.I. English stress perception and production by Cantonese and Mandarin second language learners. The American Speech-Language and Hearing Association Convention, Denver, CO. Poster presentation.

2015   **Li, J. J.** & Mok, P. P. K. Early Development of English Lexical Stress in Cantonese-English bilingual children. The 10th International Symposium on Bilingualism (ISB9), Rutgers. Oral presentation.

2014   Mok, P. P. K., Chen, L., **Li, J. J.**, Xu, R.B. & Cheung, H. Cross modal association between colours and vowels in a tone language. British Association of Academic Phoneticians Colloquium (BAAP). Oxford. Oral presentation.

2013   White, D. & **Li, J. J.** Length of Residence as a Factor in L2 English Resyllabification. The 17th English in Southeast Asia Conference (ESEA 2013), Malaysia. Oral presentation.

2013   **Li, J. J.** & Mok, P. Acquisition of Lexical Stress in Bilingual Children: Cantonese and English. The 9th International Symposium on Bilingualism (ISB9), Singapore. Oral presentation

Teaching Interests

Speech Science Instrumentation

Phonetics/Acoustic phonetics

Speech Development and Disorders

Perception and production of speech

Science of Language

Critical Evaluation of Research in Communicative Sciences and Disorders

Teaching Experience

New York University

Speech Science: Instrumentation (master's)
Course lead   2019 Spring -2021 Summer; 2022 Spring
Adjunct instructor   2017 Spring – 2022 Spring
Teaching assistant   2016 Fall

Speech Development and Disorders in Children (master's)
Adjunct instructor   2020 Fall, 2021 Spring, & 2021 Fall

The Chinese University of Hong Kong

Teaching Chinese as Second Language: Field Practicum (master's)
Teaching assistant   2013 Spring

Teaching Chinese as Second Language (master's)
Teaching assistant   2012 Fall

Phonetics I (undergraduate level)
Teaching assistant   2012 Spring

Foundations in Syntax and Semantics (master's)
Teaching assistant   2011 Fall

Guest Lectures

2019   Topic: *Visual biofeedback training for second language speech sound learning*. Guest lecture for
Spring   the course of *Second Language Acquisition*, Department of Linguistics, Stony Brook University

2017   Topic: *Understanding anatomy of speech sounds based on speech acoustic analysis*. Guest
Fall   lecture for the course of *Anatomy and Physiology of the Speech and Hearing Mechanism*, NYU
               Communicative Sciences and Disorders Department

Grants and Awards

2022   Doctoral Students' Individual Research Fund, NYU CSD department
2021   Tureen Fellowship, NYU CSD department
2020   Doctoral Research and Travel Grant, NYU Steinhardt
2020   Doctoral Students' Individual Research Fund, NYU CSD department
2019   Raymond H. Stetson Scholarship in Phonetics and Speech Science, Acoustical Society of America
2019   Global Dissertation Fellowship at NYU Shanghai, NYU GSAS
2019   Doctoral Research and Travel Grant, NYU Steinhardt
2019   Boston Speech Motor Control Symposium's Travel fellowship, Boston, MA, USA
2018   Doctoral Students' Individual Research Fund (Fall), NYU CSD department
2018   Tureen Fellowship, NYU CSD department
2018   American Speech-Language Hearing Association Mentoring Academic Research Careers (MARC) Program (mentor: Dr. Mili Kuruvilla-Dugdale)
2018   NDI Student Travel Grant, LabPhon16, Lisbon, Portugal
2018   Student Research Award at Motor Speech Conference, Savannah, GA, USA, Platform Presentation 1st place
2018   Doctoral Students' Individual Research Fund, NYU CSD department
2017   Tureen Fellowship, NYU CSD department
2016   Doctoral Travel Fund Award, NYU Steinhardt
2014   Doctoral Fellowship Full Package, NYU Steinhardt
2012   Postgraduate Student Grants for Overseas Academic Activities (2 awards), Graduate school of the Chinese University of Hong Kong
2011   Postgraduate Studentship, Graduate school of the Chinese University of Hong Kong

Professional Service

2018-   **Ad hoc reviewer** for the *Journal of Speech, Language, and Hearing Research (JSLHR)*, *Journal*
2022   *of Applied Psycholinguistics*, *American Journal of Speech-Language Pathology (AJSLP), Studies in Second Language Acquisition,* and *Journal of Phonetics*
2022   Serve on the program committee of the 18th Conference on Laboratory Phonology (LabPhon18: Laboratory Phonology in a Rapidly Changing World)
2021   Serve on the Motor Speech Disorders Topic Committee of the Annual Convention of the American Speech-Language-Hearing Association (ASHA 2021)
2018   Assist in the workshop of Clinical Thinking in the Management of Childhood Apraxia of Speech (presented by Edythe Strand, Ph.D., CCC-SLP) at New York University
2016   Assist in the workshop of Diagnosis & Management of Childhood Apraxia of Speech (presented by Edythe Strand, Ph.D., CCC-SLP) at New York University
2012   Co-organize the Study Group of the 8th Society of Linguistics and Modern Languages at the Chinese University of Hong Kong
2012   Assist in the International Conference on Bilingualism and Comparative Linguistics at the Chinese University of Hong Kong
2011   Assist in the Workshop on Coarticulation in New Varieties of English at the Chinese University of Hong Kong
2011   Assist in the Psycholinguistic Representation of Tone Conference at the Chinese University of Hong Kong

Professional Membership

Acoustical Society of America (ASA)
Association for Laboratory Phonology (Labphon)
National Student Speech Language Hearing Association (NSSLHA)
International Phonetic Association (IPA)

Professional Skills

Proficient in Praat, R, Vicon (3-D facial motion capture systems)
Familiar with Ultrasound (biofeedback), Computerized Speech Lab (CSL)
Some experience with MATLAB, Python, PsychoPy, EEG

Languages

Mandarin	Native
English	Fluent
Cantonese	Intermediate

Volunteer Work

2015-2017	Volunteered with the Center for All Abilities (**https://www.allabilities.org/**) Mentorship Program, New York, USA

Other Education

Date	Institution	Field
2020	Neuromatch Academy	Computational Neuroscience

Project: *Predicting individual responses in working memory task based on resting-state functional connectivity*