

Khia Anne Johnson

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Education

- 2016–present PhD in Linguistics, University of British Columbia, Vancouver, Canada
Title: *Cross-language (dis)similarity in Cantonese-English bilingual speech production*
Committee: Molly Babel (chair), Kathleen Currie Hall, Márton Sóskuthy
- 2019 Linguistic Society of America Summer Institute, University of California, Davis, USA
Courses: Advanced Statistics and Data Analysis, The Bilingual Brain, Introduction to Prosody, and Information-Theoretic Approaches to Linguistics
- 2013 BA in Linguistics, *Magna cum laude*, University of Washington, Seattle, USA

Publications

Asterisk indicates undergraduate student author.*

Peer-reviewed papers

- 2020 **Johnson, K. A.**, Babel, M., & Fuhrman, R. A. Bilingual acoustic voice variation is similarly structured across languages. *Proceedings of Interspeech 2020*.
<https://doi.org/10.21437/interspeech.2020-3095> (Materials: <https://osf.io/b6hpx/>).
- 2020 **Johnson, K. A.**, Babel, M., Fong, I.,* & Yiu, N.* SpiCE: A new open-access corpus of conversational bilingual speech in Cantonese and English. *Proceedings of the 12th Language Resources and Evaluation Conference*, 4089–4095.
<https://aclweb.org/anthology/2020.lrec-1.503>
- 2020 Chan, L.,* **Johnson, K. A.**, & Babel, M. Lexically-guided perceptual learning in early Cantonese-English bilinguals. *The Journal of the Acoustical Society of America*, 147(3), EL277–EL282. <https://doi.org/10.1121/10.0000942>
- 2019 **Johnson, K. A.** Probabilistic reduction in Spanish-English bilingual speech. *Proceedings of the 19th International Congress of Phonetic Sciences*, 1263–1267.
https://assta.org/proceedings/ICPhS2019/papers/ICPhS_1312.pdf
- 2018 **Johnson, K. A.**, Mellesmoen, G. M., Lo, R. Y.-H., & Gick, B. Prior pronunciation knowledge bootstraps word learning. *Frontiers in Communication*, 3, 1–9.
<https://doi.org/10.3389/fcomm.2018.00001>
- 2017 Bliss, H., **Johnson, K. A.**, Burton, S., Yamane, N., & Gick, B. Using multimedia resources to integrate ultrasound visualization for pronunciation instruction into postsecondary language classes. *Journal of Linguistics and Language Teaching*, 8(2), 173–188.
<https://sites.google.com/site/linguisticsandlanguageteaching/home-1/volume-8-2017-issue-2/volume-8-2017-issue-2---article-bliss-et-al>

Working papers

- In press **Johnson, K. A.** Probabilistic reduction in Spanish-English bilingual speech. UBC Qualifying Papers 5 (2017–2019).
<https://lingpapers.sites.olt.ubc.ca/ubc-qualifying-papers/>
- In press **Johnson, K. A.** The role of variation type in non-native phonetic category learning. UBC Qualifying Papers 5 (2017–2019).
<https://lingpapers.sites.olt.ubc.ca/ubc-qualifying-papers/>

Manuscripts

- Submitted **Johnson, K. A.** & Babel, M. Language contact within the speaker: Phonetic variation and crosslinguistic influence.
- Submitted Babel, M., **Johnson, K. A.**, & Sen, C.* Asymmetries in perceptual adjustments to non-canonical pronunciations. (Alphabetical author order). Preprint:
<https://osf.io/vdpbr/>

Presentations

Asterisk indicates undergraduate student.*

Conferences

- Submitted **Johnson, K. A.** & Babel, M. *Language contact within the bilingual: Adapting a model from sound change to crosslinguistic influence*. The 13th International Symposium on Bilingualism, Warsaw, Poland, July 10–14, 2021.
- Accepted **Johnson, K. A.** & Babel, M. *Uniformity and crosslinguistic influence in Cantonese-English bilingual stops* [Poster]. The 3rd International Symposium on Bilingual and L2 Processing in Adults and Children, Nijmegen, the Netherlands. *Postponed due to COVID-19*.
- 2020 **Johnson, K. A.** & Babel, M. *The role of passage length in acoustic voice variability in bilingual speech* [Poster]. The 179th Meeting of the Acoustical Society of America, Virtual, December 7–11. Materials: <https://osf.io/b6hpx/>.
- 2020 Lloy, A.,* **Johnson, K. A.**, & Babel, M. *Bilingual talker identification with spontaneous speech in Cantonese and English: The role of language-specific knowledge* [Poster]. The 179th Meeting of the Acoustical Society of America, Virtual, December 7–11.
- 2020 **Johnson, K. A.**, Babel, M., & Fuhrman, R. A. *Bilingual acoustic voice variation is similarly structured across languages* [Talk]. Interspeech 2020, Virtual, October 25–29. Recording: <https://youtu.be/vhRuEWEIRao>.
- 2019 **Johnson, K. A.** & Babel, M. *Bilingual sibilant acoustics in conversational Cantonese-English speech* [Poster]. The 178th Meeting of the Acoustical Society of America, San Diego, USA, December 2–6.
- 2019 Chan, L.,* **Johnson, K. A.**, & Babel, M. *Lexically-guided perceptual learning in Cantonese-English bilinguals: A web replication study* [Poster]. The 178th Meeting of the Acoustical Society of America, San Diego, USA, December 2–6.

- 2019 **Johnson, K. A.** *Probabilistic reduction in Spanish-English bilingual speech* [Talk]. The 19th International Congress of Phonetic Sciences, Melbourne, Australia, August 5–9.
- 2018 **Johnson, K. A.** *Information-theoretic variables in Spanish-English bilingual speech* [Poster]. The 176th Meeting of the Acoustical Society of America, Victoria, Canada, November 5–9.
- 2018 Cheng, L.,* **Johnson, K. A.**, & Babel, M. *Bilingual word familiarity in Cantonese and English* [Poster]. The 176th Meeting of the Acoustical Society of America, Victoria, Canada, November 5–9.
- 2017 **Johnson, K. A.**, Mellesmoen, G., Lo, R. Y.-H., & Gick, B. *Help or hinder? The complicated role of pronunciation knowledge in word learning* [Talk]. The Pronunciation in Second Language Learning and Teaching 9th Annual Conference, Salt Lake City, USA, September 1–2.
- 2017 **Johnson, K. A.** *Using enhanced distributional perceptual training to mitigate L2 phonetic undershoot* [Poster]. The 3rd Annual Northwest Phon{etics;ology} Conference, Vancouver, Canada, May 19–21.

Public & media

- 2019 **Johnson, K. A.** *Building a Cantonese-English bilingual speech corpus*. PhDs Go Public Research Talk Series: Bridging Communities. Vancouver Public Library—Central Branch, Vancouver, Canada, April 26, Recording: <https://youtu.be/IMAhAQfaOIE>.
- 2017 *The awesome complexity of human speech*, UBC Arts on Air, CiTR 101.9 FM, Vancouver, Canada, February 17. (Interviewed as a member of the Speech-in-Context Lab). Recording: <https://www.citr.ca/radio/ubc-arts-on-air/episode/20170217/>.

Research experience

- 2017–present Research Assistant, PI: Molly Babel, UBC
Canadian Natural Sciences and Engineering Research Council (NSERC) Discovery Grant: *Competition and evaluation in perceptual learning of speech*
- 2017–present Research Assistant, PI: Molly Babel, UBC
Canadian Social Sciences and Humanities Research Council (SSHRC) Insight Grant: *Socially selective phonetic memory*
- 2016–2017 Research Assistant, PI: Bryan Gick, UBC
UBC Teaching and Learning Enhancement Fund: *Multimodal approaches to the empowerment of pronunciation teaching and learning: Creating online interactive tutorial videos*

Teaching experience

Teaching assistant

- 2020 LING 333, *Research Methods for Linguistics* (Instructor: Md. Jahurul Islam)
Course type: Synchronous web-oriented with regular breakout groups for discussion and R programming labs

- 2017 LING 200, *Linguistic Theory and Analysis I* (Instructor: Kathleen Currie Hall)
Course type: Large lecture with weekly TA-led tutorials

Skills workshops

- 2020 Johnson, K. A. *Online experiments with jsPsych and S3*, Speech-in-Context Lab, UBC. Led workshop in May and October. Materials: <https://osf.io/3ufx7/>

Language teaching

- 2014–2016 Spanish immersion teacher & program coordinator, Sponge School, Seattle, USA
Description: Teaching enrichment classes for elementary students, curriculum development, teacher training, and support
- 2013 Intern, Seattle Amistad School (K-5 Spanish-English dual immersion), Seattle, USA
Description: Classroom and administrative support
- 2012 ESL classroom volunteer, Shorecrest High School, Shoreline, USA
Description: Ethnography component of University of Washington course—*ENGL 471: The Theory and Practice of Teaching Writing*

Grants, honors, and awards

- 2020 ISCA Interspeech 2020 Travel Grant
- 2020 Public Scholars Initiative Award Renewal: *Speech Production and Perception in Cantonese-English Bilinguals*, UBC
- 2020 Arts Graduate Research Awards, UBC
- 2018 Public Scholars Initiative Award: *Speech Production and Perception in Cantonese-English Bilinguals*, UBC
- 2018–2022 Four Year Fellowship, UBC
- 2018–22 Four Year Fellowship Tuition Waiver, UBC
- 2018 Hong Kong-Canada Business Association Scholarship, UBC (competitive)
- 2017 Elwyn Gregg Memorial Fellowship, UBC (competitive)
- 2017 Gertrude Langridge Graduate Scholarship in Humanities, UBC (competitive)
- 2016–2018 Faculty of Arts Graduate Award, UBC
- 2016–20 International Tuition Award, UBC
- 2013 Phi Beta Kappa

Service

To the field

- 2020 Peer reviewer, *Journal of Phonetics* (1 journal article manuscript)
- 2020 Volunteer, *LabPhon 17*, Virtual conference
- 2020 Volunteer, *West Coast Conference in Formal Linguistics 38*, Vancouver, Canada
- 2019, 2020 Reviewer (abstracts), *UBC Language Sciences Undergraduate Research Conference*, Vancouver, Canada
- 2018 UBC Qualifying Papers volume 4 editor, *UBC Working Papers in Linguistics*
- 2017 Conference co-organizer, *33rd Northwest Linguistics Conference*, Vancouver, Canada
- 2017 WSCLA volume 25 editor, *UBC Working Papers in Linguistics*

To the department

- 2020 Speech sciences lecturer search committee, Graduate student representative, Department of Linguistics, UBC
- 2018–2019 Computational linguistics faculty search committee, Graduate student representative, Department of Linguistics, UBC
- 2017–2018 PhD program representative to faculty, Department of Linguistics, UBC

Skills

- Languages English (native), Spanish (fluent), Arabic (elementary), Cantonese (structural/research)
- Technical Python, R, JavaScript/jsPsych, PsychoPy, E-Prime, Praat, VoiceSauce, Audacity, ELAN, Forced Alignment, \LaTeX

Affiliations

- Acoustical Society of America
- International Speech Communication Association
- Association for Laboratory Phonology
- SPARK Society
- Public Scholars Initiative (UBC)
- Language Sciences Initiative (UBC)