

# Hye-Young Bang

*Curriculum Vitæ*

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## McGill University

Department of Linguistics

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## Areas of interest

Articulatory & Acoustic Phonetics · Language Acquisition · Laboratory Phonology · Coarticulation · Sound Change

## Education

- 2012- PhD in Linguistics (*expected completion date: July 2017*), [McGill University](#)  
Thesis: The structure of cue variability in speech dynamics  
Committee: Meghan Clayards, Morgan Sonderegger, Yoonjung Kang
- 2015 Summer Institute, Linguistics Society of America (LSA), [University of Chicago](#)
- 2008 -2010 BA in Linguistics, [University of Queensland](#)  
Dean's Commendation for High Achievement (for all semesters enrolled)

## Publications & Refereed Conference Presentations

### JOURNAL ARTICLES

- 2017 **Bang, H.-Y.**, Clayards, M., & Goad, H. Compensatory strategies in the developmental patterns of English /s/: Gender and vowel context effects. *Journal of Speech, Language, and Hearing Research*. 60, 571–591.
- 2017 **Bang, H.-Y.** The acoustic counterpart to coarticulatory resistance and aggressiveness in locus equation metrics and vowel dispersion. *The Journal of the Acoustical Society of America*, 141(4), EL345-EL350.
- In revision **Bang, H.-Y.**, Sonderegger, M., Kang, Y., Clayards, M., & Yoon, T.-J. The emergence, progress, and impact of sound change in progress in Seoul Korean: Implications for mechanisms of Tonogenesis.
- Under review **Bang, H.-Y.** The effects of the acoustic correlates of phrasal accent on locus equation slopes.

## PROCEEDINGS

- In press Perillo, S., **Bang, H.-Y.** & Clayards, M. Locus equation metrics as an index of coarticulation resistance: the effect of prosodic prominence. *Proceedings of Meetings on Acoustics (POMA)*.
- 2015 **Bang, H.-Y.**, Clayards, M. & Goad, H. A child specific compensatory mechanism in the acquisition of English /s/. In E. Grillo & J. Kyle (Eds.), *Proceedings of the 39th Annual Boston University Conference on Language Development* (pp. 75-87). Somerville: Cascadilla Press.
- 2015 **Bang, H.-Y.**, Sonderegger, M., Kang, Y., Clayards, M. & Yoon, T.-J. The effect of word frequency on the time course of tonogenesis in Seoul Korean. In The Scottish Consortium for ICPhS 2015 (Ed.) *Proceedings of the 18th International Congress of Phonetic Sciences*. Glasgow, UK: the University of Glasgow.

## WORK IN PROGRESS

- In progress A Cross-linguistic study of the relationship of VOT and Fo contrasts across speakers and words.
- In progress Structured variation across sound contrasts, talkers, and speech styles.

## REFEREED CONFERENCE PRESENTATIONS

- 2017 Sonderegger, M., McAuliffe, M., & **Bang, H.-Y.**. Segmental influences on Fo: cross-linguistic and interspeaker variability of phonetic precursors. *4th Workshop on Sound Change (WSC4 2017)*, Apr. 19–22, 2017, Edinburgh, Scotland. [poster]
- 2017 **Bang, H.-Y.**, Sonderegger, M., & Clayards, M. Speaker Variability in Cue Weighting for Laryngeal Contrasts: the Relationship to Sound Change. *4th Workshop on Sound Change (WSC4 2017)*, Apr. 19–22, 2017, Edinburgh, Scotland. [poster]
- 2016 **Bang, H.-Y.**, Sonderegger, M., & Clayards, M. The Relationship of VOT and Fo Contrasts across Speakers and Words in the German Voicing Contrast. *5th Joint Meeting of the Acoustical Society of America and the Acoustical Society of Japan (ASA/ASJ Fall 2016)*, Nov. 28–Dec. 02, 2016, Honolulu, Hawaii, USA. [poster]
- 2016 **Bang, H.-Y.** The Acoustic Counterpart to Articulatory Resistance and Aggressiveness in Locus Equation Metrics and Vowel Dispersion. *5th Joint Meeting of the Acoustical Society of America and the Acoustical Society of Japan (ASA/ASJ Fall 2016)*, Nov. 28–Dec. 02, 2016, Honolulu, Hawaii, USA. [poster]
- 2016 **Bang, H.-Y.**, & Clayards, M. Structured Variation across Sound Contrasts, Talkers, and Speech Styles. *15th Conference on Laboratory Phonology (LabPhon 15)*, Jul 13-17, Cornell University, Ithaca, USA. [poster]
- 2016

- Bang, H.-Y.**, Clayards, M., & Goad, H. Acoustic Investigation of Compensatory Phonation in the Acquisition of English /s/: A Corpus Study. *The English Linguistics Society of Korea (ELSOK 2016)*, May 28, Kyunghee University, Seoul, Korea. [talk]
- 2015 Perillo, S., **Bang, H.-Y.**, & Clayards, M. Degree of Articulatory Constraint Predicts Locus Equation Slope for /p, t, s, ʃ/. *170th Meeting of the Acoustical Society of America (ASA Fall 2015)*, Nov. 2-6, 2015, Jacksonville, Florida, USA. [poster]
- 2015 **Bang, H.-Y.**, Sonderegger, M., Kang, Y., Clayards, M., & Yoon, T.-J. The Effect of Word Frequency on the Time Course of Tonogenesis in Seoul Korean. *18th International Congress of Phonetic Sciences. (ICPhS 2015)*, Aug 10-14, 2015, Glasgow, Scotland, UK. [talk]
- 2015 **Bang, H.-Y.**, Sonderegger, M., Kang, Y., Clayards, M., & Yoon, T.-J. The Time Course of Tonogenesis; Evidence from Seoul Korean. *The Joint Meeting the International Circle of Korean Linguistics and the International Symposium on Korean Linguistics (ICKL and Harvard-ISOKL 2015)*, July 24-26, 2015, University of Chicago, USA. [talk]
- 2015 **Bang, H.-Y.**, Sonderegger, M., Kang, Y., Clayards, M., & Yoon, T.-J. A Lexical Path of Tonogenesis: Evidence from Seoul Korean. *Montreal-Ottawa-Laval-Toronto Phonology Workshop (MOLT 2015)*, Mar 13-15, 2015, University of Toronto, Toronto, Canada. [talk]
- 2014 **Bang, H.-Y.**, Clayards, M., & Goad, H. A Child Specific Compensatory Mechanism in the Acquisition of English /s/. *Boston University Conference on Language Development (BU-CLD 39)*, Nov 7-9, Boston University, Cambridge, US. [talk]

## Teaching

- Fall 2016 *Introduction to Language (LING 200)*, Teaching Assistant, McGill University. Duties: weekly conferences, office hours, assignment grading.  
Instructor: Liz Smeets
- Fall 2015 *Second Level Korean (EAST-320)*, Teaching Assistant, McGill University  
Duties: vocabulary assessment, weekly conferences, grading.
- Summer 2015 *Independent Study (LING 488 and COGS 396)*, Co-instructor with Prof. [Meghan Clayards](#), McGill University.  
Duties: Course & syllabus development, weekly practicum (data collection, manipulation, visualization and statistical analysis using R) & assignment grading.
- Winter 2015 *Phonetics (LING 330)*, Teaching Assistant, McGill University.  
Duties: weekly conferences, office hours, assignment grading.  
Instructor: Prof. Peter Milne
- Fall 2014 *Introduction to Linguistics (LING 201)*, Teaching Assistant, McGill University.  
Duties: weekly conferences, office hours, assignment grading.  
Instructor: Prof. Junko Shimoyama & Prof. Peter Milne

- Winter 2014 *Phonetics* (LING 330), Teaching Assistant, McGill University.  
Duties: weekly conferences, office hours & assignment grading.  
Instructor: Prof. Morgan Sonderegger
- Fall 2010 *Linguistic Semantics* (LING 2000), Casual Teaching Staff, University of Queensland.  
Duties: essay grading.  
Instructor: Prof. Kari Sullivan

## Research Assistantships

- 2013, 2015 [MLML](#), Department of Linguistics, McGill University. Graduate research assistant in Montreal Language Modelling Lab. (Prof. [Morgan Sonderegger](#)).

## Grants & Awards

- 2017 Graduate Travel Award, Center for Research on Brain, Language & Music (CRBLM)
- 2016 ASA Student Transportation Subsidy, 5th Joint Meeting Acoustical Society of America and Acoustical Society of Japan
- 2016 Grad Excellence Award, McGill University
- 2016 Lara Riente Memorial Prize in Linguistics, McGill University
- 2016 Graduate Travel Award, Center for Research on Brain, Language & Music (CRBLM)
- 2015-2016 Arthur C. Tagge Fellowship
- 2015 IPA Student Award for ICPHS 2015
- 2015 Graduate Travel Award, Center for Research on Brain, Language & Music (CRBLM)
- 2015 LSA Fellowship for 2015 Summer Institute
- 2015 Subsidy for the LSA Summer Institute 2015, Department of Linguistics, McGill University
- 2015 White Graduate Student Award
- 2014 BUCLD 39 Paula Menyuk Travel Award
- 2014 Cremona Fellowship-Linguistics, McGill University
- 2014 Grad Excellence Award, McGill University
- 2013 Grad Excellence Award, McGill University
- 2012 McCall MacBain Fellow, McGill University
- 2010 Arts Faculty Scholars Program (AFSP), University of Queensland

## Service

- 2016- Lab Manager, [Speech Learning Lab](#), McGill University
- 2015-2016 Student organizer of the Linguistics Colloquium Series, McGill University

- 2014-2015 Organizer of Phonetics and Phonology Reading Group, Linguistics Department, McGill University
- 2014 Co-founder of Phonetics and Phonology Reading Group, Linguistics Department, McGill University
- 2013-2014 Co-coordinator of Graduate students in Linguistics At McGill (GLAM)

## Skills

R, knitr, (R)Markdown,  $\LaTeX$ , Praat (scripting), TANDEM-STRAIGHT  
HTML (basic), Python(basic)

## Memberships

Linguistic Society of America (LSA)  
Centre for Research on Brain, Language and Music (CRBLM)  
Student Member of the International Phonetic Association (IPA)  
Acoustical Society of America (ASA)  
Association for Laboratory Phonology (LabPhon)

## References

### **Prof. Meghan Clayards**

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### **Prof. Morgan Sonderegger**

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### **Prof. Yoonjung Kang**

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University of Toronto Scarborough  
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### **Prof. Heather Goad**

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