

Stephen Politzer-Ahles

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The Hong Kong Polytechnic University
Department of Chinese and Bilingual Studies

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EDUCATION

2013 Ph.D, Linguistics, University of Kansas
2011 M.A., Linguistics, University of Kansas
2008 B.A., Modern Languages and Literatures, Kenyon College

PROFESSIONAL APPOINTMENTS

2021- Associate Professor
 The Hong Kong Polytechnic University
 Department of Chinese and Bilingual Studies

2016-2021 Assistant Professor
 The Hong Kong Polytechnic University
 Department of Chinese and Bilingual Studies

2015-2016 Post-doctoral associate
 The University of Oxford
 Faculty of Linguistics, Philology and Phonetics

2013-2015 Post-doctoral associate
 New York University Abu Dhabi
 NYUAD Institute

PUBLICATIONS

Refereed journal articles

in press Girolamo, T., **Politzer-Ahles, S.**, Ghali, S., & Williams, B. Preliminary evaluation of applicants to master's programs in speech-language pathology using vignettes and criteria from a holistic review process. *American Journal of Speech-Language Pathology*.

in press **Politzer-Ahles, S.**, Lin, J., Pan, L., & Lee, K. N400 evidence that the early stages of lexical access ignore knowledge of phonological alternations. *Language and Speech*.

in press **Politzer-Ahles, S.**, & Zhang, J. Evidence for the role of tone sandhi in speech production. *Journal of Chinese Linguistics*.

- 2022 Zhang, J., Zhang, C., **Politzer-Ahles, S.**, Pan, Z., Huang, X., Wang, C., Peng, G., & Zeng, Y. The neural encoding of productive phonological alternation in speech production: Evidence from Mandarin Tone 3 sandhi. *Journal of Neurolinguistics*, 62, 101060.
- 2021 Bakhtiar, M., Mokhlesin, M., Pattamadilok, C., **Politzer-Ahles, S.**, & Zhang, C. The effect of orthographic transparency on auditory word recognition across the development of reading proficiency. *Frontiers in Psychology*, 12, 3129.
- 2021 Xue, W., Liu, M., & **Politzer-Ahles, S.** Processing of complement coercion with aspectual verbs in Mandarin Chinese: evidence from a self-paced reading study. *Frontiers in Psychology*, 12, 1973.
- 2020 **Politzer-Ahles, S.**, & Im, S. Mismatch negativity is not always modulated by lexicality. *Frontiers in Human Neuroscience*, 14, 459.
- 2020 **Politzer-Ahles, S.** What can electrophysiology tell us about the cognitive processing of scalar implicatures? *Language and Linguistics Compass*, 14, 1-22.
- 2020 **Politzer-Ahles, S.**, Girolamo, T., & Ghali, S. Preliminary evidence of linguistic bias in academic reviewing. *Journal of English for Academic Purposes*, 47, 100895.
- 2020 Cuskley, C., Roberts, S., **Politzer-Ahles, S.**, & Verhoef, T. Double-blind reviewing and gender biases at EvoLang conferences: an update. *Journal of Language Evolution*, 5, 92-99.
- 2020 **Politzer-Ahles, S.**, Lee, K., & Shen, L. Ganong effects for frequency may not be robust. *JASA Express Letters*, 147, EL37-EL42.
- 2019 Nieuwland, M., Barr, D., Bartolozzi, F., Busch-Moreno, S., Darley, E., Donaldson, D., Ferguson, H., Fu, X., Heyselaar, E., Huettig, F., Husband, E., Ito, A., Kazanina, N., Kogan, V., Kohút, Z., Kulakova, E., Mézière, D., **Politzer-Ahles, S.**, Rousselet, G., Rueschemeyer, S., Segaert, K., Tuomainen, J., & Von Grebmer Zu Wolfsthurn, S. Dissociable effects of prediction and integration during language comprehension: evidence from a large-scale study using brain potentials. *Philosophical Transactions of the Royal Society B*, 375, 20180522.
- 2019 **Politzer-Ahles, S.**, & Pan, L. Skilled musicians are indeed subject to the McGurk effect. *Royal Society Open Science*, 6.
- 2018 Chen, I., **Politzer-Ahles, S.**, & Huang, C. Determining the types of contrasts: the influence of prosody on pragmatic inferences. *Frontiers in Psychology - Language Sciences*, 9, 2110.
- 2018 **Politzer-Ahles, S.**, Piccinini, P. On visualizing phonetic data from repeated measures experiments with multiple random effects. *Journal of Phonetics*, 70, 56-69.
- 2018 Nieuwland, M., **Politzer-Ahles, S.**, Segaert, K., Darley, E., Kazanina, N., Von Grebmer Zu Wolfsthurn, S., Bartolozzi, F., Kogan, V., Ito, A., Mézière, D., Barr, D., Rousselet, G., Ferguson, H., Busch-Moreno, S., Fu, X., Tuomainen, J.,

- Kulakova, E., Husband, E., Donaldson, D., Kohút, Z., Rueschemeyer, S., & Huettig, F. Large-scale replication study reveals a limit on probabilistic prediction in language comprehension. *eLife*, 7, e33468.
- 2018 **Politzer-Ahles, S.**, & Husband, E. Eye movement evidence for context-sensitive derivation of scalar inferences. *Collabra: Psychology*, 4, 3.
- 2017 Zhan, J., Jiang, X., **Politzer-Ahles, S.**, & Zhou, X. Neural correlates of fine-grained meaning distinctions: an fMRI investigation of scalar quantifiers. *Human Brain Mapping*, 8, 3848-3864.
- 2017 Schluter, K., **Politzer-Ahles, S.**, Al-Kaabi, M., & Almeida, D. Laryngeal features are phonetically abstract: mismatch negativity evidence from Arabic, English, and Russian. *Frontiers in Psychology - Language Sciences*, 8, 746.
- 2017 **Politzer-Ahles, S.**, Xiang, M., & Almeida, D. "Before" and "after": investigating the relationship between temporal connectives and chronological ordering using event-related potentials. *PLoS ONE*, 12, e0175199.
- 2017 **Politzer-Ahles, S.** An extension of within-subject confidence intervals to models with crossed random effects. *The Quantitative Methods for Psychology*, 13, 75-94.
- 2016 **Politzer-Ahles, S.**, Schluter, K., Wu, K., & Almeida, D. Asymmetries in the perception of Mandarin tones: evidence from mismatch negativity. *Journal of Experimental Psychology: Human Perception and Performance*, 42, 1547-1570.
- 2016 Schluter, K., **Politzer-Ahles, S.**, & Almeida, D. No place for /h/: ERP investigation of English fricative place features. *Language, Cognition, and Neuroscience*, 31, 728-740.
- 2015 Fiorentino, R., **Politzer-Ahles, S.**, Pak, N., Martínez-García, M., & Coughlin, C. Probing the dynamics of complex word recognition: An ERP Investigation of the processing of novel compounds. *The Mental Lexicon*, 10, 413-434.
- 2015 **Politzer-Ahles, S.**, & Gwilliams, L. Involvement of prefrontal cortex in scalar implicatures: evidence from magnetoencephalography. *Language, Cognition, and Neuroscience*, 30, 853-866.
- 2013 **Politzer-Ahles, S.**, & Fiorentino, R. The realization of scalar inferences: context sensitivity without processing cost. *PLoS ONE*, 8, e63943.
- 2013 Lee, H., **Politzer-Ahles, S.**, & Jongman, A. Speakers of tonal and non-tonal Korean dialects use different cue weightings in the perception of the three-way laryngeal stop contrast. *Journal of Phonetics*, 41, 117-132.
- 2013 Hunt, L., **Politzer-Ahles, S.**, Gibson, L., Minai, U., & Fiorentino, R. Pragmatic inferences modulate N400 during sentence comprehension: evidence from picture-sentence verification. *Neuroscience Letters*, 534, 246-251.
- 2013 **Politzer-Ahles, S.**, Fiorentino, R., Jiang, X., & Zhou, X. Distinct neural correlates for pragmatic and semantic meaning processing: An event-related potential

investigation of scalar implicature processing using picture-sentence verification. *Brain Research*, 1490, 134-152.

Chapters

2019 **Politzer-Ahles, S., & Chen, S.** Significance. *The SAGE Encyclopedia of Human Communication Sciences and Disorders*.

Letters and commentaries

2019 **Politzer-Ahles, S.,** Cuskley, C., Roberts, S., & Verhoef, T. Errata for Roberts & Verhoef (2016). *Journal of Language Evolution*

2016 **Politzer-Ahles, S.,** Holliday, J., Girolamo, T., Spychalska, M., & Berkson, K. Is linguistic injustice a myth? A response to Hyland (2016). *Journal of Second Language Writing*, 34, 3-8.

Conference proceedings and working papers

(* indicates papers describing studies that have since been published in refereed journals)

2017 Cheung, C., **Politzer-Ahles, S.,** Hwang, H., Chui, R., Leung, M., & Tang, T. Comprehension of presuppositions in school-age Cantonese-speaking children with and without autism spectrum disorders. *Clinical Linguistics and Phonetics*, 31, 557-572.

2015* **Politzer-Ahles, S.,** Schluter, K., Wu, K., & Almeida, D. Asymmetries in the perception of Mandarin tones: evidence from mismatch negativity. *International Congress of Phonetic Sciences*.

2015 **Politzer-Ahles, S.** "Maybe" not all scalar implicatures are created equal. *LSA Extended Abstracts*.

2012 **Politzer-Ahles, S.** Are intermediate levels of the scale used during online comprehension of scalar implicatures? *Kansas Working Papers in Linguistics*, 33, 1-15.

2012 **Politzer-Ahles, S., & Zhang, J.** The role of phonological alternation in speech production: Evidence from Mandarin tone sandhi. *Proceedings of Meetings on Acoustics*, 18, 060001.

2012* **Politzer-Ahles, S., & Zhang, J.** The role of tone sandhi in speech production: evidence for phonological parsing. *Tonal Aspects of Languages*.

2011 **Politzer-Ahles, S.** A Minimalist account of Uyghur genitives. *Kansas Working Papers in Linguistics*, 32, 106-119.

GRANTS AND FELLOWSHIPS

Extramural grants and fellowships

- 2021-2022 General Research Fund #15605620, Research Grants Council (Hong Kong), "Is the mismatch negativity really sensitive to abstract linguistic representations? 700,500 HKD (with Kevin Schluter)
- 2018-2020 Early Career Scheme #25606117, Research Grants Council (Hong Kong), "Mental representations of Chinese tones: abstract vs. episodic accounts". 742,856 HKD
- 2010 East Asia & Pacific Summer Institutes #1015160, National Science Foundation, "An ERP investigation of the processing of visually-presented Mandarin sentences".

Institutional grants and fellowships

- 2019 Undergraduate summer research abroad sponsorship #USRA1901, The Hong Kong Polytechnic University, 84,000 HKD
- 2019-2020 International collaboration grant #1-ZVNQ, Faculty of Humanities – The Hong Kong Polytechnic University, "An Electrophysiological Investigation of how Autism Spectrum Disorder Affects Auditory and Linguistic Processing", 104,900 HKD
- 2019-2020 Fund for GRF Project Rated 3.5 #G-YBZM, Central Research Grant – The Hong Kong Polytechnic University, "Psycholinguistic Investigations of Abstract Cognitive Categorization, Speech Perception, and Prediction", 200,000 HKD
- 2018-2019 Departmental grant #G-UAET, Central Research Fund – The Hong Kong Polytechnic University, "Psycholinguistic Investigations of Scalar Implicatures and Prosodic Focus", 100,000 HKD
- 2018 Undergraduate summer research abroad sponsorship #USRA1809, The Hong Kong Polytechnic University, 100,000 HKD
- 2017-2019 Start-up fund for new recruits #1-ZE89, Faculty of Humanities – The Hong Kong Polytechnic University, "Testing how the brain deploys phonological knowledge of Mandarin tones during speech comprehension", 500,000 HKD
- 2017-2018 Departmental grant #G-UACX, Central Research Fund – The Hong Kong Polytechnic University, "The mental representation and processing of Cantonese-English loanwords", 100,000 HKD
- 2012 NIDCD T32 Pre-Doctoral Training in Language Impairment, Child Language Doctoral Program – University of Kansas.
- 2010 Foreign Language and Area Studies Fellowship, Center for Global & International Studies – University of Kansas
- 2009-2010 Foreign Language and Area Studies Fellowship, Center for East Asian Studies – University of Kansas

Awards

- 2013 One-University Open Access Publishing Fund, University of Kansas
- 2013 CUNY Travel Award, CUNY Conference on Human Sentence Processing
- 2012 Doctoral Student Research Fund, University of Kansas

- 2012 IPA Student Award, International Phonetic Association
 2011-2012 France Ingemann Scholarship, Linguistics Department – University of Kansas
 2009 Linguistics Honors Fellowship, Linguistics Department – University of Kansas
 2008-2009 Graduate Studies Scholarship, University of Kansas

INVITED TALKS

- 2019 When is the brain sensitive to the phonology of Mandarin tones? *International Workshop on Neurolinguistic Studies of Tone*, The Hong Kong Polytechnic University, Hong Kong. 16 July
 2017 Challenges in linking electrophysiological data to the theory of scalar implicature. *Revising formal semantic and pragmatic theories from a neurocognitive perspective*, Ruhr-Universität Bochum, Germany. 19 June
 2017 On the lexical representation of allomorphs in Mandarin third tone sandhi. *The UChicago Language Research Forum*, UChicago Center in Hong Kong, Hong Kong. 17 March
 2012 (with Jie Zhang) The role of phonological alternation in speech production: evidence from Mandarin tone sandhi. *164th Acoustical Society of America*. Kansas City, United States. 22-26 October

CONFERENCE POSTERS AND PRESENTATIONS

(* indicates presentations describing studies that have since been published in refereed journals)

Oral presentations

- 2020 **Politzer-Ahles, S.**, Chen, J., & Chen, I. Is self-paced listening sensitive to downstream consequences of focus? *International Online Conference of Psycholinguistic and Neurolinguistic Research: Methods, Materials, and Approaches (PSYNEUROLING)*. Online.
 2019 Im, S., & **Politzer-Ahles, S.** Modelling F0 contours using generalized additive models. *Seoul International Conference on Speech Sciences*. Seoul, Korea. 15-16 November.
 2019* **Politzer-Ahles, S.**, & Im, S. No word-specific mismatch negativity effect in Mandarin speakers. *Hanyang International Symposium on Phonetics and Cognitive Sciences of Language*. Seoul, Korea. 24-25 May.
 2019* **Politzer-Ahles, S.**, Lin, J., Pan, L., & Lee, L. N400 evidence that mismatch detection is sensitive to the phonetics but not the phonology of Mandarin tones. *Neuroscience of Language Conference, NYU Abu Dhabi*. Abu Dhabi, United Arab Emirates. 22-23 April.
 2018a* **Politzer-Ahles, S.**, Lin, J., & Pan, L. Sensitivity of the N400 to the phonetics but not the phonology of Mandarin tones. *Hanyang International Symposium on Phonetics and Cognitive Sciences of Language*. Seoul, Korea. 18-19 May.
 2018* Nieuwland, M., Barr, D., Bartolozzi, F., Busch-Moreno, S., Darley, E., Donaldson, D., Ferguson, H., Fu, X., Heyselaar, E., Huettig, F., Husband, E., Ito,

- A., Kazanina, N., Kogan, V., Kohút, Z., Kulakova, E., Mézière, D., **Politzer-Ahles, S.**, Rousselet, G., Rueschemeyer, S., Segaert, K., Tuomainen, J., & Von Grebmer Zu Wolfsthurn, S. Dissociable effects of prediction and integration on the N400: Evidence from a large-scale replication study. *CUNY Conference on Human Sentence Processing*. Davis, United States. 15-17 March
- 2018 **Politzer-Ahles, S.**, Pan, L., & Lin, J. No long-lag morphological priming for Mandarin monosyllables. *Architectures and Mechanisms for Language Processing (Asia)*. Hyderabad, India. 1-3 February.
- 2017* Nieuwland, M., **Politzer-Ahles, S.**, Heyselaar, H., Segaert, K., Darley, E., Kazanina, N., Von Grebmer Zu Wolfsthurn, S., Bartolozzi, F., Kogan, V., Ito, A., Meziere, D., Barr, D., Rousselet, G., Ferguson, H., Busch-Moreno, S., Fu, X., Kulakova, E., Tuomainen, J., Husband, M., Donaldson, D., Kohút, Z., Rueschemeyer, S., & Huettig, F. Phonological form is not probabilistically pre-activated during language comprehension: A 9-lab failure to replicate DeLong, Urbach & Kutas (2005). *CUNY Conference on Human Sentence Processing*. Cambridge, United States. 30 March – 1 April.
- 2015* **Politzer-Ahles, S.**, Schluter, K., Wu, K., & Almeida, D. Asymmetries in the perception of Mandarin tones: Evidence from mismatch negativity. *International Congress of Phonetic Sciences*. Glasgow, United Kingdom. 10-14 August.
- 2015* Schluter, K., **Politzer-Ahles, S.**, & Almeida, D. Underspecification of voice features in the mental larynx. *Manchester Phonology Meeting*. Manchester, United Kingdom. 28-30 May.
- 2015 **Politzer-Ahles, S.** "Maybe" not all scalar implicatures are created equal. *Linguistic Society of America*. Portland, United States. 8-11 January.
- 2015 Tucker, M., **Politzer-Ahles, S.**, King, J., & Almeida, D. Errors in the brain: magneto- and electroencephalographic evidence from English agreement. *Linguistic Society of America*. Portland, United States. 8-11 January.
- 2014* Schluter, K., **Politzer-Ahles, S.**, & Almeida, D. No place for /h/: ERP investigation English fricative place features. *Architectures and Mechanisms for Language Processing*. Edinburgh, United Kingdom. 3-6 September.
- 2012* **Politzer-Ahles, S.**, & Zhang, J. The role of tone sandhi in speech production: evidence for phonological parsing. *Tonal Aspects of Languages*. Nanjing, China. 26-29 May.
- 2008 **Politzer-Ahles, S.** The puzzle of Mandarin *le*: an integrated approach. *North American Conference on Chinese Linguistics*. Columbus, United States. 25-27 April.

Posters

- 2022 Jap, B., & **Politzer-Ahles, S.** Neural correlates of thematic role assignment in Standard Indonesian. *CUNY Conference on Human Sentence Processing*. Online.
- 2022 Lewendon, J., Egan, C., & **Politzer-Ahles, S.** The Event-related potential Quality Assessment List (EQuAL): a framework for systematic review and meta-analyses. *Cognitive Neuroscience Society*. San Francisco, United States.
- 2021 **Politzer-Ahles, S.**, Lee, K., & Chen, J. A failure to replicate the Ganong effect for tone continua. *Words in the World 2021*. Montreal, Canada (online).

- 2019 Yang, X., **Politzer-Ahles, S.**, Minai, U., Gabriele, A., & Fiorentino, R. Temporal mismatches guide the prediction of Mandarin relative clauses: an ERP study. *International Brain and Syntax Think Tank*. Evanston, United States. 11-12 October.
- 2019* Xue, X., Liu, M., & **Politzer-Ahles, S.** Processing cost of complement coercion in Mandarin Chinese: Evidence from a self-paced reading study. *Architectures and Mechanisms for Language Processing*. Moscow, Russia. 6-8 September.
- 2019 **Politzer-Ahles, S.**, Connell, K., Hsu, Y., & Pan, L. Mandarin third tone sandhi may be incompletely neutralizing in perception as well as production. *International Congress of Phonetic Sciences*. Melbourne, Australia. 5-9 August.
- 2019 **Politzer-Ahles, S.**, Pan, L., Lin, J., & Lee, K. Cross-linguistic differences in long-lag priming. *Hanyang International Symposium on Phonetics and Cognitive Sciences of Language*. Seoul, Korea. 24-25 May.
- 2019* **Politzer-Ahles, S.**, & Lee, K. Ganong effects for lexicality but not for frequency. *Hanyang International Symposium on Phonetics and Cognitive Sciences of Language*. Seoul, Korea. 24-25 May.
- 2018b **Politzer-Ahles, S.**, Pan, L., & Lin, J. No long-lag morphological priming for Mandarin monosyllables. *Laboratory Phonology*. Lisbon, Portugal. 19-22 June.
- 2018a **Politzer-Ahles, S.**, Pan, L., & Lin, J. Mandarin monosyllables trigger long-lag identity priming but not long-lag morphological priming. *Hanyang International Symposium on Phonetics and Cognitive Sciences of Language*. Seoul, Korea. 18-19 May.
- 2018 **Politzer-Ahles, S.**, Connell, K., & Hsu, Y. Third-tone sandhi is incompletely neutralizing in perception as well as production: evidence from visual world eye-tracking. *Hanyang International Symposium on Phonetics and Cognitive Sciences of Language*. Seoul, Korea. 18-19 May.
- 2018 Shen, L., & **Politzer-Ahles, S.** Analysis of the influence of word frequency in auditory perception. *Hanyang International Symposium on Phonetics and Cognitive Sciences of Language*. Seoul, Korea. 18-19 May.
- 2017* Zhang, C., Huang, X., **Politzer-Ahles, S.**, Peng, G., & Zhang, J. Neural encoding of T3 sandhi in Mandarin Chinese speakers in speech production. *Neurobiology of Language*. Baltimore, United States. 8-10 November.
- 2017 Cheung, C., **Politzer-Ahles, S.**, Cheung, G., Choi, H., Lai, L., Leung, M., & Tang, T. Knowledge of presupposition triggers in Cantonese-speaking children with and without autism spectrum disorders. *International Linguistic Association*. Hong Kong, Hong Kong. 26-28 May.
- 2017 **Politzer-Ahles, S.**, Wiener, S., & Zhang, C. Predictive tones facilitate Mandarin lexical identification: evidence from ERPs. *International Conference on Theoretical East Asian Psycholinguistics*. Hong Kong, Hong Kong, 10-12 March.
- 2016* **Politzer-Ahles, S.**, & Husband, E. Consequences of scalar inference derivation revealed through eye movement measures. *Architectures and Mechanisms in Language Processing*. Bilbao, Spain. 1-3 September.
- 2016 Husband, E., & **Politzer-Ahles, S.** Coercing events or inserting structure? Eye-tracking evidence for a distinction between semantic and syntactic enrichment. *Architectures and Mechanisms in Language Processing*. Bilbao, Spain. 1-3 September.

- 2016* Schluter, K., **Politzer-Ahles, S.**, & Almeida, D. An MMN investigation of the Russian voicing contrast. *Architectures and Mechanisms in Language Processing*. Bilbao, Spain. 1-3 September.
- 2016* Schluter, K., **Politzer-Ahles, S.**, & Almeida, D. An MMN investigation of the Russian voicing contrast. *Neurobiology of Language*. London, United Kingdom. 17-20 August.
- 2016 Bovolenta, G., **Politzer-Ahles, S.**, & Husband, M. Differential ERPs to local vs. global prediction failures. *CUNY Conference on Human Sentence Processing*. Gainesville, United States. 3-5 March.
- 2015* **Politzer-Ahles, S.**, Xiang, M., & Almeida, D. "Before" and "after": investigating the relationship between temporal connectives and chronological ordering using event-related potentials. *Neurobiology of Language*. Chicago, United States. 15-17 October.
- 2015* **Politzer-Ahles, S.**, Schluter, K., Wu, K., & Almeida, D. Asymmetries in the perception of Mandarin tones: Evidence from mismatch negativity. *Acoustical Society of America*. Pittsburgh, United States. 18-22 May.
- 2015* Berkson, K., & **Politzer-Ahles, S.** Phonation type contrasts and vowel quality in Marathi. *Acoustical Society of America*. Pittsburgh, United States. 18-22 May.
- 2015* **Politzer-Ahles, S.** Asymmetrical mismatch negativity effects in Mandarin tone perception. *Cognitive Neuroscience Society*. San Francisco, United States. 28-31 March.
- 2015 Fiorentino, R., **Politzer-Ahles, S.**, & Liao, K. Morpheme-based combinatorial processing of English compounds: evidence from magnetoencephalography and lexical decision. *Cognitive Neuroscience Society*. San Francisco, United States. 28-31 March.
- 2014 Tucker, M., **Politzer-Ahles, S.**, & Almeida, D. Agreement attraction in the neural language system. *Architectures and Mechanisms for Language Processing*. Edinburgh, United Kingdom. 3-6 September.
- 2014* Schluter, K., **Politzer-Ahles, S.**, & Almeida, D. No place for [h]: an ERP investigation English fricative place features. *Neurobiology of Language*. Amsterdam, Netherlands. 27-29 August.
- 2014 Tucker, M., **Politzer-Ahles, S.**, & Almeida, D. Agreement attraction in the neural language system. *Neurobiology of Language*. Amsterdam, Netherlands. 27-29 August.
- 2014* Schluter, K., **Politzer-Ahles, S.**, & Almeida, D. No place for /h/: an ERP investigation of [Place] in English intervocalic fricatives. *Manchester Phonology Meeting*. Manchester, United Kingdom. 29-31 May.
- 2014* **Politzer-Ahles, S.** Neural correlates of realizing scalar inferences: an MEG study. *CUNY Conference on Human Sentence Processing*. Columbus, United States. 13-15 March.
- 2014 **Politzer-Ahles, S.**, Fiorentino, R., Durbin, J., & Li, L. The role of working memory in the online realization of scalar inferences. *CUNY Conference on Human Sentence Processing*. Columbus, United States. 13-15 March.
- 2013 **Politzer-Ahles, S.**, & Fiorentino, R. Sensitivity of online scalar inferencing to context and to processing load. *Experimental Pragmatics*. Utrecht, Netherlands. 4-6 September.

- 2013* **Politzer-Ahles, S.,** & Fiorentino, R. The realization of scalar inferences: context sensitivity without processing cost. *CUNY Conference on Human Sentence Processing*. Columbia, United States. 21-23 March.
- 2012 **Politzer-Ahles, S.,** Jiang, X., Fiorentino, R., & Zhou, X. Individual differences in logical ability predict ERP responses to underinformative sentences. *Neurobiology of Language*. San Sebastian, Spain. 25-27 October.
- 2012 Fiorentino, R., **Politzer-Ahles, S.,** & Pak, N. Probing the dynamics of complex word recognition: An ERP investigation of the processing of novel compounds. *Neurobiology of Language*. San Sebastian, Spain. 25-27 October.
- 2012* Lee, H., Jongman, A., & **Politzer-Ahles, S.** Speakers of tonal and non-tonal Korean dialects use different cue weightings in the perception of the three-way laryngeal stop contrast. *Acoustical Society of America*. Kansas City, United States. 22-26 October.
- 2012* **Politzer-Ahles, S.,** Jiang, X., Fiorentino, R., & Zhou, X. Independence of pragmatic and lexico-semantic processing in picture-sentence verification. *Cognitive Neuroscience Society*. Chicago, United States. 31 March – 3 April.
- 2012 Fiorentino, R., **Politzer-Ahles, S.,** Popescu, E., & Popescu, M. The role of morphological juncture identification in complex word processing: an MEG investigation. *Society for Neuroscience*. Washington, United States. 12-16 November.
- 2011* **Politzer-Ahles, S.,** Fiorentino, R., Jiang, X., & Zhou, X. Event-related potential investigation of scalar implicature processing using picture-sentence verification. *Neurobiology of Language*. Annapolis, United States. 9-11 November.
- 2011* Hunt, L., **Politzer-Ahles, S.,** Minai, U., & Fiorentino, R. N400 is elicited by pragmatic as well as semantic anomalies: a visual-world study of scalar implicatures. *Neurobiology of Language*. Annapolis, United States. 9-11 November.
- 2011* **Politzer-Ahles, S.,** Fiorentino, R., Jiang, X., & Zhou, X. Online processing of scalar implicatures in Chinese as revealed by event-related potentials. *Cognitive Neuroscience Society*. San Francisco, United States. 2-5 April.

TEACHING

The Hong Kong Polytechnic University

(* indicates classes that have been taught fully online)

- 2019 The Talking Brain [bachelor general education class]
- 2018-present *Advanced Topics in Research Methodology for Language Sciences [doctoral]
- 2016-present *Psycholinguistics [bachelor and masters]
- 2016-present *Contrastive Analysis of Chinese and English [bachelor and masters]
- 2018-2019 Techniques in Language Sciences [bachelor]
- 2018 Foundations in Behavioural and Social Sciences II [masters]
- 2018 Advanced Theories in Psycholinguistics [doctoral]

University of Kansas

2013 Psycholinguistics [bachelor], teaching assistant

Mentoring

2017-present Bachelor of Arts programme final projects [The Hong Kong Polytechnic University] (10 students)

2019-present Master of Arts programme final projects [The Hong Kong Polytechnic University] (2 students)

2016-7 Master of Speech Therapy programme final projects [The Hong Kong Polytechnic University] (2 students)

Ad hoc

2020 Workshop on mixed-effects modeling in R [Korean Society of Speech Sciences], 10 January

2018 Workshop on Praat [Nazarbayev University], June

2017 Workshop on ERP experiment design and data analysis [Shandong University of Finance and Economics], 30 May – 2 June

2016 Workshop on mixed-effects modeling in R [Linguistics, University College London], 18-20 May

OTHER RESEARCH EXPERIENCE

2010-2013 Graduate research assistant, Neurolinguistics and Language Processing Laboratory – University of Kansas (PI: Robert Fiorentino)

2008-2009 Graduate research assistant, Department of Anthropology – University of Kansas (PI: Arienne Dwyer)

ACADEMIC SERVICE

Ad-hoc grant reviewing

FWO – Flanders

Standing Committee on Language Education and Research (Hong Kong)

National Science Foundation

Research Grants Council (Hong Kong)

Swiss National Science Foundation

Ad-hoc article reviewing

Acta Psychologica

Applied Psycholinguistics

Bilingualism: Language and Cognition
Brain and Language
Canadian Journal of Experimental Psychology
Cognition
Cognitive, Affective, & Behavioral Neuroscience
Cognitive Psychology
Developmental and Cognitive Neuroscience
Developmental Neuropsychology
Developmental Science
Frontiers in Communication
Frontiers in Psychology
Frontiers in Human Neuroscience
Glossa Psycholinguistics
Intercultural Pragmatics
JASA Express Letters
Journal of Chinese Linguistics
Journal of English for Academic Purposes
Journal of Experimental Psychology: Learning, Memory, and Cognition
Journal of Language and Education
Journal of Memory and Language
Journal of Neurolinguistics
Journal of Phonetics
Journal of Visualized Experiments
Language and Speech
Language Acquisition: A Journal of Developmental Linguistics
Language, Cognition and Neuroscience
Metaphor and Symbol
Neurobiology of Language
NeuroImage
Neuropsychologia
Neuroscience Letters
Open Linguistics
PeerJ Computer Science
Perception
Phonetica
Psychonomic Bulletin and Review
Quarterly Journal of Experimental Psychology
Scientific Reports
Sustainability
The Mental Lexicon
The Quantitative Methods for Psychology

Ad-hoc conference reviewing

Cognitive Modeling and Computational Linguistics
Cognitive Science Society

Experimental Pragmatics
Experiments on Linguistic Meaning
Human Brain Mapping
Neurobiology of Language
Poznań Linguistic Meeting
Laboratory Phonology
Linguistic and Neurocognitive Resources
Linguistic Society of America
Tonal Aspects of Languages
Yearbook of the Poznań Linguistic Meeting

Conference organizing committee

2018 *32nd Pacific Asia Conference on Language, Information and Computation*
 (PACLIC 32)

Workshop facilitator

2018 "Using Universal Design for Learning to Improve Classroom Activities and
 Curricula for All Students" [Educational Development Centre, The Hong Kong
 Polytechnic University]
2017-8 "Tips for Publishing Peer-Reviewed Articles in Linguistics and Sociology"
 [Educational Development Centre, The Hong Kong Polytechnic University]

Departmental and institutional service

2019-2021 Member of Faculty Senate, Hong Kong Polytechnic University
2018-present Deputy chair of Departmental Learning and Teaching Committee, Hong Kong
 Polytechnic University
2018 Member of committee to create new BA programme, Bachelor of Arts in
 Linguistics and Translation, to replace previous BA programme Bachelor of Arts
 in Chinese and Bilingual Studies
2018-present Member of Language and Communication Requirements sub-committee, Hong
 Kong Polytechnic University
2013-2014 Member of post-doc council and representative to faculty council, New York
 University Abu Dhabi
2010-2012 President of Linguistics Graduate Student Association, Department of Linguistics
 – University of Kansas
2010-2011 Editor of *Kansas Working Papers in Linguistics*, Department of Linguistics –
 University of Kansas
2008-2010 Student representative for Linguistics Graduate Student Association, Department
 of Linguistics – University of Kansas

TECHNICAL SKILLS AND LANGUAGES

Software

Data analysis and statistics: R, MATLAB, SPSS, Microsoft Excel / OpenOffice Calc
Electrophysiological and neuroimaging: EEGLAB, FieldTrip, Neuroscan Edit, BESA, Brain
Vision Analyzer, CTF DataEditor, FreeSurfer, MNE
Experimental control: Presentation, Paradigm, Experiment Builder
Acoustic: Praat, MultiSpeech, Audacity
Other: Transcriber, GNU Image Manipulation Program, Apache

Programming, markup, and typesetting languages

Python, Perl and Perl CGI, C++, TCL, Windows cmd, Unix (bash, tcsh), LaTeX, HTML,
MediaWiki

Languages

English (native), Mandarin (advanced), French (intermediate), Uyghur (basic), Hindi (bare-
bones), Northern Monguor (bare-bones)