

Stephen Politzer-Ahles  
30 July 2018  
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

|           |  |
|-----------|--|
| 2016-     | Assistant Professor<br>The Hong Kong Polytechnic University<br>Department of Chinese and Bilingual Studies |
| 2015-2016 | Post-doctoral associate<br>The University of Oxford<br>Faculty of Linguistics, Philology and Phonetics     |
| 2013-2015 | Post-doctoral associate<br>New York University Abu Dhabi<br>NYUAD Institute                                |

## PUBLICATIONS

### Refereed journal articles

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| in press | <b>Politzer-Ahles, S., &amp; Zhang, J.</b> Evidence for the role of tone sandhi in speech production. <i>Journal of Chinese Linguistics</i> .  |
| 2018     | <b>Politzer-Ahles, S., Piccinini, P.</b> On visualizing phonetic data from repeated measures experiments with multiple random effects. <i>Journal of Phonetics</i> , 70, 56-69.  |
| 2018     | Nieuwland, M., <b>Politzer-Ahles, S.</b> , Segaert, K., Darley, E., Kazanina, N., Von Grebmer Zu Wolfsturn, 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. <i>eLife</i> , 7, e33468. |
| 2018     | <b>Politzer-Ahles, S., &amp; Husband, E.</b> Eye movement evidence for context-sensitive derivation of scalar inferences. <i>Collabra: Psychology</i> , 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

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

## Letters and commentaries

- 2016        **Politzer-Ahles, S.**, Holliday, J., Girolamo, T., Spsychalska, 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

- 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 fellowships

- 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

- 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

- 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. *164<sup>th</sup> Acoustical Society of America*. Kansas City, United States. 22-26 October

### CONFERENCE POSTERS AND PRESENTATIONS

#### Oral presentations

- 2018 **Politzer-Ahles, S., Lin, J., & Pan, L.** Sensitivity of the N400 to the phonetics but not the phonology of Mandarin tones. 1<sup>st</sup> Hanyang International Symposium on Phonetics and Cognitive Sciences of Language. Seoul. 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. 31<sup>st</sup> Annual 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) Conference. 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). 30<sup>th</sup> Annual 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. 18<sup>th</sup> 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. 23<sup>rd</sup> Manchester Phonology Meeting. Manchester, United Kingdom, 28-30 May
- 2015 **Politzer-Ahles, S.** "Maybe" not all scalar implicatures are created equal. 89<sup>th</sup> 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. 89<sup>th</sup> 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. 20<sup>th</sup> Architectures and Mechanisms for Language Processing Conference. Edinburgh, United Kingdom, 3-6 September
- 2012 **Politzer-Ahles, S.**, & Zhang, J. The role of tone sandhi in speech production: evidence for phonological parsing. 3<sup>rd</sup> Tonal Aspects of Languages. Nanjing, China, 26-29 May
- 2008 **Politzer-Ahles, S.** The puzzle of Mandarin *le*: an integrated approach. 20<sup>th</sup> North American Conference on Chinese Linguistics. Columbus, United States, 25-27 April

## Posters

- 2018 **Politzer-Ahles, S.**, Pan, L., & Lin, J. No long-lag morphological priming for Mandarin monosyllables. 16<sup>th</sup> Conference on Laboratory Phonology. Lisbon, Portugal. 19-22 June.

- 2018 **Politzer-Ahles, S.,** Pan, L., & Lin, J. Mandarin monosyllables trigger long-lag identity priming but not long-lag morphological priming. 1<sup>st</sup> Hanyang International Symposium on Phonetics and Cognitive Sciences of Language. Seoul. 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. 1<sup>st</sup> Hanyang International Symposium on Phonetics and Cognitive Sciences of Language. Seoul. 18-19 May
- 2018 Shen, L., & **Politzer-Ahles, S.** Analysis of the influence of word frequency in auditory perception. 1<sup>st</sup> Hanyang International Symposium on Phonetics and Cognitive Sciences of Language. Seoul. 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. 9<sup>th</sup> Neurobiology of Language Conference. Baltimore. 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. 62<sup>nd</sup> Annual Conference of the International Linguistic Association. Hong Kong, 26-28 May.
- 2017 **Politzer-Ahles, S.,** Wiener, S., & Zhang, C. Predictive tones facilitate Mandarin lexical identification: evidence from ERPs. 1<sup>st</sup> International Conference on Theoretical East Asian Psycholinguistics. Hong Kong, 10-12 March.
- 2016 **Politzer-Ahles, S.,** & Husband, E. Consequences of scalar inference derivation revealed through eye movement measures. 22<sup>nd</sup> 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. 22<sup>nd</sup> 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. 22<sup>nd</sup> 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. 8<sup>th</sup> 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. 29<sup>th</sup> 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. 7<sup>th</sup> 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. 169<sup>th</sup> Acoustical Society of America. Pittsburgh, United States, 18-22 May

- 2015 Berkson, K., & **Politzer-Ahles, S.** Phonation type contrasts and vowel quality in Marathi. 169<sup>th</sup> Acoustical Society of America. Pittsburgh, United States, 18-22 May
- 2015 **Politzer-Ahles, S.** Asymmetrical mismatch negativity effects in Mandarin tone perception. 22<sup>nd</sup> 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. 22<sup>nd</sup> 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. 20<sup>th</sup> Architectures and Mechanisms for Language Processing Conference. 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. 6<sup>th</sup> Neurobiology of Language. Amsterdam, Netherlands, 27-29 August
- 2014 Tucker, M., **Politzer-Ahles, S.**, & Almeida, D. Agreement attraction in the neural language system. 6<sup>th</sup> 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. 22<sup>nd</sup> Manchester Phonology Meeting. Manchester, United Kingdom, 29-31 May
- 2014 **Politzer-Ahles, S.** Neural correlates of realizing scalar inferences: an MEG study. 27<sup>th</sup> 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. 27<sup>th</sup> 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. 5<sup>th</sup> Experimental Pragmatics Conference. Utrecht, Netherlands, 4-6 September
- 2013 **Politzer-Ahles, S.**, & Fiorentino, R. The realization of scalar inferences: context sensitivity without processing cost. 26<sup>th</sup> 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. 4<sup>th</sup> Neurobiology of Language Conference. 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. 4<sup>th</sup> Neurobiology of Language Conference. 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. 164<sup>th</sup> 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. 19<sup>th</sup> 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. 41<sup>st</sup> 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. 3<sup>rd</sup> 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. 3<sup>rd</sup> 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. 18<sup>th</sup> Cognitive Neuroscience Society. San Francisco, United States, 2-5 April

## TEACHING

### The Hong Kong Polytechnic University

- 2016-7 Psycholinguistics [Chinese and Bilingual Studies]
- 2016-8 Contrastive Analysis of Chinese and English [Chinese and Bilingual Studies]
- 2018 Techniques in Language Sciences [Chinese and Bilingual Studies]
- 2018 Foundations in Behavioural and Social Sciences II [Chinese and Bilingual Studies, Applied Social Sciences]

### University of Kansas

- 2013 Psycholinguistics [Linguistics], teaching assistant

## Mentoring

- 2016-7 Master of Speech Therapy programme final projects [Chinese and Bilingual Studies, The Hong Kong Polytechnic University]

## Ad hoc

- 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*  
*National Science Foundation*  
*Research Grants Council (Hong Kong)*  
*Swiss National Science Foundation*

### **Ad-hoc article reviewing**

*Bilingualism: Language and Cognition*  
*Brain and Language*  
*Cognition*  
*Cognitive, Affective, & Behavioral Neuroscience*  
*Cognitive Psychology*  
*Developmental and Cognitive Neuroscience*  
*Developmental Neuropsychology*  
*Developmental Science*  
*Frontiers in Psychology*  
*Frontiers in Neuroscience*  
*JASA Express Letters*  
*Journal of Chinese Linguistics*  
*Journal of Experimental Psychology: Learning, Memory, and Cognition*  
*Journal of Memory and Language*  
*Language and Speech*  
*Language, Cognition and Neuroscience*  
*NeuroImage*  
*Neuropsychologia*  
*Psychonomic Bulletin and Review*  
*Quarterly Journal of Experimental Psychology*  
*Scientific Reports*  
*Yearbook of the Poznań Linguistic Meeting*

### **Ad-hoc conference reviewing**

*Cognitive Science Society*  
*Experimental Pragmatics*

*Human Brain Mapping*  
*Neurobiology of Language*  
*Linguistic Society of America*  
*Tonal Aspects of Languages*

### **Departmental and institutional service**

|           |   |
|-----------|---|
| 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 <i>Kansas Working Papers in Linguistics</i> , 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)