

Stephen Politzer-Ahles
13 October 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 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	Politzer-Ahles, S., & Zhang, J. Evidence for the role of tone sandhi in speech production. <i>Journal of Chinese Linguistics</i> .
2018	Chen, I., Politzer-Ahles, S., & Huang, C. Determining the types of contrasts: the influence of prosody on pragmatic inferences. <i>Frontiers in Psychology</i> .
2018	Politzer-Ahles, S., Piccinini, P. On visualizing phonetic data from repeated measures experiments with multiple random effects. <i>Journal of Phonetics</i> , 70, 56-69.
2018	Nieuwland, M., Politzer-Ahles, S., 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 **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

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

CONFERENCE POSTERS AND PRESENTATIONS

Oral presentations

- 2018b **Politzer-Ahles, S.**, Lin, J., & Pan, L. N400 evidence that mismatch detection is sensitive to the phonetics but not the phonology of Mandarin tones. 13th Phonetic Conference of China. Guangzhou. 9-11 November
- 2018a **Politzer-Ahles, S.**, Lin, J., & Pan, L. Sensitivity of the N400 to the phonetics but not the phonology of Mandarin tones. 1st 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. 31st 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). 30th 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. 18th 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. 23rd Manchester Phonology Meeting. Manchester, United Kingdom, 28-30 May
- 2015 **Politzer-Ahles, S.** "Maybe" not all scalar implicatures are created equal. 89th 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. 89th 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. 20th 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. 3rd Tonal Aspects of Languages. Nanjing, China, 26-29 May

- 2008 **Politzer-Ahles, S.** The puzzle of Mandarin *le*: an integrated approach. 20th North American Conference on Chinese Linguistics. Columbus, United States, 25-27 April

Posters

- 2018b **Politzer-Ahles, S.**, Pan, L., & Lin, J. No long-lag morphological priming for Mandarin monosyllables. 16th Conference on 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. 1st 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. 1st 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. 1st 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. 9th 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. 62nd 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. 1st 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. 22nd 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. 22nd 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. 22nd 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. 8th 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. 29th 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. 7th 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. 169th Acoustical Society of America. Pittsburgh, United States, 18-22 May
- 2015 Berkson, K., & **Politzer-Ahles, S.** Phonation type contrasts and vowel quality in Marathi. 169th Acoustical Society of America. Pittsburgh, United States, 18-22 May
- 2015 **Politzer-Ahles, S.** Asymmetrical mismatch negativity effects in Mandarin tone perception. 22nd 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. 22nd 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. 20th 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. 6th Neurobiology of Language. Amsterdam, Netherlands, 27-29 August
- 2014 Tucker, M., **Politzer-Ahles, S.**, & Almeida, D. Agreement attraction in the neural language system. 6th 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. 22nd Manchester Phonology Meeting. Manchester, United Kingdom, 29-31 May
- 2014 **Politzer-Ahles, S.** Neural correlates of realizing scalar inferences: an MEG study. 27th 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. 27th 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. 5th Experimental Pragmatics Conference. Utrecht, Netherlands, 4-6 September
- 2013 **Politzer-Ahles, S.**, & Fiorentino, R. The realization of scalar inferences: context sensitivity without processing cost. 26th 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. 4th 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. 4th 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. 164th 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. 19th 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. 41st 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. 3rd 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. 3rd 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. 18th Cognitive Neuroscience Society. San Francisco, United States, 2-5 April

TEACHING

The Hong Kong Polytechnic University

- 2016-9 Psycholinguistics [bachelor and masters]
- 2016-9 Contrastive Analysis of Chinese and English [bachelor and masters]
- 2018-9 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

- 2016-7 Master of Speech Therapy programme final projects [The Hong Kong Polytechnic University]
- 2017-19 Bachelor of Arts programme final projects [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
Poznań Linguistic Meeting
Linguistic Society of America
Tonal Aspects of Languages

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

2018-2019 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
2018-2019 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)