

CHENZI XU

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RESEARCH INTERESTS

Phonetics and Phonology, Experimental Phonetics, Computational Modelling,
Prosody, Psycholinguistics, Sociophonetics, Variation and Dialectology, Language
Production and Perception, Language and Identity.

EDUCATION

- 2018-Present *DPhil in Linguistics*
University of Oxford
Phonetics Laboratory, St Hugh's College
Supervisor: Prof. John COLEMAN
- 2016-2018 *MPhil in General Linguistics and Comparative Philology (Distinction)*
University of Oxford
Faculty of Linguistics, Philology and Phonetics, St Edmund Hall
Supervisor: Prof. Deborah CAMERON
- 2012-2016 *BA in English Studies for the Professions (Summa cum laude)*
Minor in Translation and Bilingual Communication
Hong Kong Polytechnic University
CGPA:3.85/4.00 · Department of English
- 2015 *University of California Education Abroad Program*
University of California, Berkeley
GPA:3.91/4.00 · College of Letters and Science

WORKSHOPS & TRAINING

- Sept 2021 Carpentries Instructor Training, The Carpentries
- Aug 2019 Digital Humanities at Oxford Summer School, Keble College, University of Oxford
- Jun 2018 Preparation for Learning and Teaching at Oxford, University of Oxford
- Jan 2018 Software Carpentry Workshop, Reproducible Research Oxford
- Aug 2017 Advanced Workshop of Contemporary Phonetics and Phonology, Fudan University

PUBLICATIONS

- 2021 **Mycock, L. Xu, C. & Lahiri, A.** 'Wh'-Question Intonation in Standard Colloquial Bengali: A Lexical-Functional Grammar analysis. In I. W. Arka, A. Asudeh, & T. H. King (Eds.), *Modular Design of Grammar: Linguistics on the Edge*, Oxford: Oxford University Press.
- 2021 **Meng, Y., Kotzor, S., Xu, C., Wynne, H.S.Z., & Lahiri, A.** Asymmetric influence of vocalic context on Mandarin sibilants: Evidence from ERP studies. *Frontiers in Neuroscience: Speech and Language*. 15.
- 2021 **Meng, Y., Kotzor, S., Xu, C., Wynne, H.S.Z., & Lahiri, A.** Mismatch negativity (MMN) as an index of asymmetric processing of consonant duration in fake Mandarin geminates. *Neuropsychologia*. 163.
- 2020 **Xu, C.** Revisiting Neutral Tone in Mandarin Broadcast News Speech. *10th*

International Conference on Speech Prosody 2020, 508-512.

- 2019 **Xu, C.** Characterising Intonation in Plastic Mandarin Using Polynomial Modelling. *Proceedings of the 19th International Congress of Phonetic Sciences (ICPHS19)*, 696-700.
- 2019 **Xu, C.** Char siu is Better than Guanxi? Identity in Hong Kong English. *International Journal of Languages, Literature and Linguistics*, 5(2), 62-70.

HONOURS, AWARDS & GRANTS

- 2019-2021 Basant Kumar and Sarala Birla Graduate Studentship (*approx.* GBP 72,000), Faculty of Linguistics, Philology and Phonetics
- Jun 2019 Barbinder Watson Trust Fund (GBP 500), St Hugh's College
- May 2019 Siddiki Travel Bursary (GBP 500), Faculty of Linguistics, Philology and Phonetics
- May 2019 Digital Humanities at Oxford Summer School Bursary (GBP 650)
- Jan 2019 Best Oral Presentation Award, 6th ICLLA
- Aug 2018 School Prize (GBP 100), St Edmund Hall, University of Oxford
- Jun 2017 Graduate Travel Grant (GBP 350), St Edmund Hall, University of Oxford
- 2016-2018 Oxford-Kaifeng Graduate Scholarship (*approx.* GBP 69,000), University of Oxford
- Mar 2016 Outstanding Student Award, Hong Kong Polytechnic University
- 2013-2016 Dean's Certificates of Academic Achievement, Hong Kong Polytechnic University
- 2012-2015 The Hong Kong Polytechnic University Entry Scholarship (*approx.* GBP 40,000)
- Dec 2015 2016 Rhodes Scholarship Finalist Hong Kong
- Jun 2015 Reaching Out Award, HKSAR Government Scholarship (GBP 1,000)
- May 2015 President Emeritus Professor Poon Chung-kwong Scholarship (GBP 2,000)
- Apr 2014 International Student Ambassador Scheme Outreaching Award (GBP 250)
- Dec 2013 Dr. Y.K.Ching Memorial Scholarship (GBP 1,385)
- Apr 2013 Chan Hon Yin Couple Charity Trust Scholarship (GBP 1,000)
- Dec 2012 One Asia Foundation Scholarship (GBP 500)

EXPERIENCE

SPEECH TECHNOLOGY

- 2018-2019 *Oxford, UK* Intern, speaker identification project, MO Intelligence
- Built user interface for three Android apps using Android Studio
 - Trained data to improve machine learning algorithms of speaker identification

TEACHING & RESEARCHING

- 2019-2021 *Oxford, UK* Research Assistant, Oxford Language and Brian Lab
- Processed over 1000 Bengali utterances for intonation research
 - Conducted EEG experiments examining the pre-attentive processing of consonant length and differences in place of articulation in fricatives in Mandarin
- 2020-2021 *Oxford, UK* Research Assistant, Oxford Phonetics Laboratory
- Recruited participants and collected speech perception data and questionnaire data online from 60 participants
 - Collated, coded, and tidied experiment data and questionnaire data
- 2019-2021 *Oxford, UK* Tutor for Phonetics and Phonology, University of Oxford
- Delivered practical sessions of IPA transcription
 - Taught 12 tutorials to a group of five undergraduates and 4 individual tutorials
 - Marked assignments and collection papers and submitted termly reports
- Jan-Mar 2020 *Oxford, UK* Tutor for Linguistic Theory, University of Oxford
- Taught 4 individual tutorials at undergraduate level
- 2018-2019 *Oxford, UK* Lab Demonstrator, Phonetics Laboratory, University of Oxford
- Assisted in Prof. Coleman's Experimental Phonetics tutorials for MPhil students
 - Guided students through audio data processing and statistical analysis
- Jul-Aug 2017 *Changsha, China* IELTS Speaking Tutor, TIGER Education
- Jul 2015 *Guilin, China* Summer School Teacher, Esquel-Y.L. Yang Education Foundation

- Designed teaching modules and materials for 150 middle school students
 - Directed an English drama performance that won first prize in competition
- Jun-Jul 2014* *Beijing, China* Teaching Assistant, Tsinghua University
- Teamed up with international interns leading 60 university students
 - Organized learning activities to help improve students' oral English
- Jun 2013* *Pokhara, Nepal* Volunteer Teacher, Nepal Motherland Boarding School
- May 2013* *Xiangxi, China* Volunteer Teacher, Hunan Xi Zhou Village Primary School
- 2012-2013* *Hong Kong* English Literacy Tutor, Baptist Oi Kwan Social Service
- Tutored underprivileged pupils in Sham Shui Po for a whole semester
 - Directed an English drama performed by pupils in Chiang Cheng Studio Theatre

ADMINISTRATION & COMMUNICATION

- Dec 2019* *Oxford, UK* Undergraduate Admissions Interviewer, University of Oxford
- Sept 2018* *Oxford, UK* Trainee, Bridge to Business Programme, St Edmund Hall
- 2017-2018* *Oxford, UK* Treasurer, St Edmund Hall MCR, University of Oxford
- 2017-2018* *Oxford, UK* Academic Rep, Faculty of Linguistics, Philology and Phonetics
- 2016* *Hong Kong* Group Leader, Hong Kong Polytechnic University
- Led a project *Recycling Production Waste of Jew's Ears into Nutrient Soil* that promoted sustainability and helped farmers in Shifang, Sichuan, China
- Jan-May 2015* *Berkeley, US* Trainee, Intercultural Leadership Initiative, UC Berkeley
- Participated in a semester-long, intensive leadership cohort program by the Center of Intercultural Leadership and International House at UC Berkeley
- Jan-Sept 2014* *Hong Kong* Core Management Committee, Project ENLIGHTEN
- Organised a student-initiated UGC-funded campus event with over 1500 participants breaking the Guinness World Record *The Most Electrical Energy Generated By Pedaling On Bicycles In 24 Hours*
- Jan 2014* *Seoul, S. Korea* Student Delegate of HK, Sookmyung Women's University
- Jan-Oct 2013* *Hunan, China* Project Manager, Service Project for "Left-behind" Children
- Initiated the project and led a group of 13 university students to organise learning activities for over 100 underprivileged children in Xizhou village
- 2013-2014* *Hong Kong* Secretary, English Club, Hong Kong Polytechnic University
- Jul 2013* *Singapore* Student Leader Delegate, Singapore Youth Leaders' Summit

SKILLS

- Languages*
- | | |
|---------------|---------------------|
| ENGLISH | · Full Professional |
| MANDARIN | · Native |
| XIANG CHINESE | · Native |
| CANTONESE | · Elementary |
| SPANISH | · Elementary |
- Computational*
- | | |
|-------------|---|
| Programming | · R, Python, UNIX, MATLAB (OCTAVE), Git, Java |
| Sound | · SOX, Praat, Wavesurfer, Audacity, ELAN |
| Corpus | · W-Matrix, AntConc, WordSmith, Sketch Engine |
| Image | · Adobe Photoshop (GIMP) |
| Document | · L ^A T _E X, Markdown, Microsoft Office |
- Interests* Minority Languages Documentation · Hiking · Salsa Dance · Photography

November 5, 2021