WENJUN CHEN

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EDUCATION

Sep 2024–Present — **McGill University** — Montreal, Canada
- PhD in Communication Sciences and Disorders
- Supervisor: Dr. Marc Pell (Distinguished James McGill Professor)

Sep 2021–Jun 2024 — **Shanghai International Studies University (SISU)** — Shanghai, China
- Master of Foreign Linguistics and Applied Linguistics (Psycholinguistics & Neurolinguistics)
- Supervisor: Dr. Xiaoming Jiang; Lab PI: Dr. Xiaolin Zhou

Sep 2017–Jul 2021 — **Heilongjiang University (HLJU)** — Harbin, China
- BA in Business English (Linguistics Specialisation)

RESEARCH EXPERIENCE

2026–Present — PhD Thesis: Pragmatic constraints on speech acts and prosody in human vs. AI speakers

2026–Present — Developer of BrowserPsyLab (https://browserpsylab.org/), a browser-based platform for running multi-stage psycholinguistic experiments with voice/audio tasks

2024–2025 — PhD Comprehensive Exam:
- Major Paper: How do we form social impressions of the talker from human and AI speech: A multilayered framework (Committee: Dr. Nicole Li-Jessen; Dr. Nadine Lavan)
- Minor Paper: Compensatory adaptation in multisensory speech perception but persistent lower-order multisensory integration impairments in autism spectrum disorder: A narrative review (Committee: Dr. Linda Polka; Dr. Janet Bang)

2021–2024 — Built a large Mandarin speech corpus of human and AI-cloned voices (ZhCDN-24-HAI, 29,916 clips) and used it across acoustic, behavioural, and EEG/ERP studies of human vs. AI voice perception (Shanghai)

PUBLICATIONS

PEER-REVIEWED JOURNAL ARTICLES (8)

10. **Chen, W.**, Chu, Y., Jiang, X., & Li, Y. (2026). Can large language models reproduce humans' perspective-dependent judgments of gratitude? Evidence from Claude, GPT, Gemini, DeepSeek, Qwen, and Doubao. *Frontiers in Psychology*, *17*, 1831256. https://doi.org/10.3389/fpsyg.2026.1831256
9. **Chen, W.**, Pell, M. D., & Jiang, X. (2026). Does speech prosody shape social perception equally for AI and human voices? A 16-attribute rating study. *Computers in Human Behavior Reports*, *22*, 101142. https://doi.org/10.1016/j.chbr.2026.101142
8. **Chen, W.**, Pell, M. D., & Jiang, X. (2026). Human and AI voice identities evoke shared neural signatures during speaker recognition across changes in speech content and prosody. *Neuropsychologia*, *229*, 109493. https://doi.org/10.1016/j.neuropsychologia.2026.109493
7. **Chen, W.**, Pell, M. D., & Jiang, X. (2026). Prosodic cues strengthen human-AI voice boundaries: Listeners do not easily perceive human speakers and AI clones as the same person. *Computers in Human Behavior: Artificial Humans*, *7*, 100261. https://doi.org/10.1016/j.chbah.2026.100261
6. **Chen, W.**, & Jiang, X. (2026). Voice-cloning artificial-intelligence speakers can also mimic human-specific vocal expression. *Current Psychology*, *45*(17), 1490. https://doi.org/10.1007/s12144-026-09991-w
5. **Chen, W.**, & Jiang, X. (2024). Memorization-Based Training and Testing Paradigm for Robust Vocal Identity Recognition in Expressive Speech Using Event-Related Potentials Analysis. *Journal of Visualized Experiments*. https://doi.org/10.3791/66913
4. Hu, Y., Li, R., Jiang, X., & **Chen, W.** (2024). The change in aesthetic experience and empathic concern predicts theory of mind ability: Evidence from drama improvisation training. *The Arts in Psychotherapy*, *89*, 102167. https://doi.org/10.1016/j.aip.2024.102167
3. **Chen, W.**, Hu, Y., & Jiang, X. (2023). 社会心理语言学视域下言者个体与群体身份的编码和解码 Encoding and Decoding Mechanisms for Speakers' Individual and Group Identities: A Social Psycholinguistics Perspective. 外国语*Journal of Foreign Languages*, *46*(4), 68-81. https://jfl.shisu.edu.cn/en/article/Y2023/I4/68

MANUSCRIPTS UNDER REVIEW (1)

2. **Chen, W.**, Pell, M. D., & Jiang, X. (2026). Human brains implicitly and rapidly distinguish AI from human voices before decoding prosodic meaning. *bioRxiv*. https://doi.org/10.64898/2026.04.08.716483

PEER-REVIEWED CONFERENCE PROCEEDINGS (1)

1. **Chen, W.**, Jiang, X., Ge, J., Shan, S., Zou, S., & Ding, Y. (2024). Inconsistent prosodies more severely impair speaker discrimination of Artificial-Intelligence-cloned than human talkers. *Speech Prosody 2024*, 846-850. https://doi.org/10.21437/speechprosody.2024-171 [Leiden, Netherlands]

TEACHING EXPERIENCE

Fall 2021–Spring 2023 — **Shanghai International Studies University** — Shanghai, China

Teaching Assistant, Language & Cognitive Processes

- Developed lecture materials and coordinated student presentations for a research-based seminar on speech comprehension and production, integrating cognitive psychology, linguistics, and neuroscience
- Designed group research projects on topics such as language in autism, prosody and social perception, audiovisual integration, and bilingualism, and compiled accompanying reading lists

Jul 2020–Aug 2020 — **Teesside University, Middlesbrough, UK** — Remote

Teaching Assistant, Pre-sessional English Programme

- Supported the lead lecturer with class management, progress monitoring, and feedback on student writing
- Led daily 30-minute tutorials on spoken and written English for a cohort of 11 international students preparing for end-of-course assessment

Jan 2021–May 2021 — **Beijing Xueweigui Education Technology (English language training centre)** — Remote

Teaching Assistant

- Supported instructors across five modules (Listening, Speaking, Reading, Writing, Grammar) with classroom management and attendance
- Assessed student essays for IELTS Writing Tasks, providing individualised written feedback
- Administered mock IELTS Speaking tests and gave performance feedback

MENTORSHIP

2022–2024 — **Shanghai International Studies University** — Shanghai, China

Research Mentor, Shanghai Undergraduate Innovation and Entrepreneurship Training Program

- Mentored undergraduate Jingyi Ge on the project "Cross-cultural Chinese Voice Perception in the Age of AI" (funded, CNY 10,000 ≈ CAD 1,915)
- Mentee went on to an MSocSc (Psychology) at the University of Hong Kong

SERVICE

Aug 2025–Sep 2025 — **PsyArXiv (Society for the Improvement of Psychological Science)** — Remote

Moderator (Volunteer)

- Screened preprint submissions for scope, eligibility, and adherence to submission policies

Ad hoc reviewer	**30 reviews for 18 journals** Advances in Human-Computer Interaction; British Journal of Psychology; Corpus Pragmatics; Discover Artificial Intelligence; Discover Computing; European Journal of Education; Frontiers in Communication (2); Frontiers in Education; Frontiers in Psychology (3); International Journal of Human-Computer Interaction; International Journal of Social Robotics (5); JASA Express Letters (3); Journal of Cognitive Psychology; Neuropsychologia; Pattern Analysis and Applications; Research Methods in Applied Linguistics (2); Scientific Reports (3); Social Cognitive and Affective Neuroscience

LEADERSHIP

Oct 2017–Oct 2020 — **Heilongjiang University Broadcasting Station (student-run campus media)** — Harbin, China

Deputy Director (2019–2020); Camera Operator (2017–2019)

- Produced and edited news videos for official university social media
- Managed equipment logistics and staffing for campus event coverage

PROFESSIONAL DEVELOPMENT

Summer 2026 — **Lab2Market Foundations — Quebec (English)**

- National training programme in research commercialisation for graduate researchers

FELLOWSHIPS & GRANTS

- 2024–2028: McGill–CSC Fellowship, McGill University & China Scholarship Council (CAD 175,325; 20 positions university-wide)
- 2024: ISCA (International Speech Communication Association) Travel Grant, Speech Prosody 2024, Leiden, the Netherlands (EUR 500)
- 2022–2024: Shanghai Undergraduate Innovation and Entrepreneurship Training Program, Shanghai Education Committee (CNY 10,000 ≈ CAD 1,915; mentor to the undergraduate project team)
- 2022–2023: Student Innovation and Entrepreneurship Program, Shanghai Education Committee (CNY 10,000 ≈ CAD 1,915; project lead)
- 2022–2023: Supervisor-led Academic Pioneer Scheme, SISU (CNY 10,000 ≈ CAD 1,915; key team member)
- 2018–2019: Innovation and Entrepreneurship Training Program for Undergraduates, Heilongjiang Province (CNY 5,000 ≈ CAD 960; project lead)

AWARDS & HONOURS

- 2024: Outstanding Graduate of Shanghai Municipality
- 2023: First Class Academic Excellence Scholarship, Institute of Linguistics, SISU (ranked 1/14)
- 2021: Academic Excellence Scholarship (admission), Institute of Linguistics, SISU
- 2021: Outstanding Graduate of Heilongjiang University

- 2018, 2019, 2020: National Endeavour Scholarship, Ministry of Education of China
- 2018, 2019, 2020: First Class Academic Excellence Scholarship, Heilongjiang University (top 3% of 149)

SKILLSET

Research Methods	EEG/ERP, skin conductance, behavioural rating, acoustic analysis
Software	MATLAB, R, Python, Praat
Analysis Approaches	Machine learning, linear mixed-effects modelling, Bayesian analysis
Languages	Mandarin Chinese (native); English (C1: IELTS 8.0, 2020 & 2023; Cambridge Business English Certificate Higher, 2019); French (A2)
Website Management	Built and maintain BrowserPsyLab (https://browserpsylab.org/) and Xiaoming Jiang Lab (https://xiaomingjiang.org/); maintain Neuropragmatics and Emotion Lab, McGill (http://mcgill.ca/pell_lab)