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EDUCATION

South China Normal University (SCNU) | Master of Education   *Sep 2019 - Jun 2022*
● Majored in Basic Psychology
● Researched in reading comprehension
● GPA: 3.54/4.00

Jiangxi Normal University | Bachelor of Science   *Sep 2015 - Jun 2019*
● Majored in Psychology
● GPA: 3.33/4.00 (four years), 3.48/4.00 (recent two years)

WORK EXPERIENCE

The Education University of Hong Kong (EdUHK) | Research assistant   *Jan 2023 - now*
● Working on Prof. Liu Duo's lab at the Faculty of Education and Human Development

Tsinghua University (TU) | Research assistant   *Jul - Dec 2022*
● Worked on the Youth Mental Health Lab at the Vanke School of Public Health

South China Normal University | Teaching assistant   *Mar - Jun 2022*
● Worked as a TA for three undergraduate modules: *Psychological Statistics*, *Principles and Applications of Psychometrics*, , and *Statistical Software Applications*

RESEARCH EXPERIENCE

NOTE: only projects relating to language and reading development are listed

Language Development and Physical Health
Research Assistant, EdUHK   *Jul 2023 - now*
● This project aims to explore the asscoiation among language, cognitive and physical indicators in kindergarten children
● Programmed five behavioural experiments for data collection and currently engaging in a pilot study

A Transdiagnostic Project of Children's Learning Difficulties
Research Assistant, EdUHK   *Feb 2023 - now*
● Led a subproject from generating research idea, analysing data to drafting a paper
● Used network analysis to explore how reading-related factors interact with each other in

Chinese first-grade children with different levels of word reading using an existing dataset
- Found that network characteristics are differnt between good and poor readers
- Worked in a team to coordinate a survey at a local primary school
- Prepearing for the next study using the newly collected data

Conceptual Interests and Reading Comprehension

Co-Researcher, SCNU   *Mar 2023 - now*
- This project aims to cluster students with different learning strategies in a latent profile model
- Drafted a proposal and received funding from the School of Psychology, SCNU
- Leading the project, cooperating with a Master student to analyse data

The Effects of External cues on Multiple-Document Integration

Master's thesis, SCNU   *Jun 2021 - Jun 2023*
- Conducted three behavioural experiments to explore how the quantity and quality of
  multiple-source learning are influenced by external cues
- Analysed knowledge structure data via a self-made Python package [Link]
- Found that the quantity of integration can be enhanced by external cues, but not the quality

External Conceptual Representation Affects History Learning

Master's researcher, SCNU   *Jun 2021 - Jun 2022*
- Engaged in data collection and statistical analysis
- Found that concept maps lead to better comprehension than outlines in poor students

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PUBLICATIONS

1. Peer-reviewed journal articles († Co-first author, * Corresponding author)

Wei, Z., Wang, L., & Liu, D*. (submitted). The global and local pattern of reading-related cognitive and ecological factors in Chinese first-grade children: A cross-sectional network analysis.

Wei, Z., Zhang, Y., Yin, S., Clariana, R. B*., & Chen, X*. (not yet submitted). The effects of external reference and network-based feedback on multiple document integration.

Jia, L†., **Wei, Z†**., Wen, X., Wang, J., Zhang*, X., & Chen*, R. (submitted). The associations between baseline characteristics and different developmental trajectories of psychotic-like experiences in children and adolescents.

Wang, J†., **Wei, Z†**., Jia, L., Yu, J., Wang, Y., Meng, Y., Feng., Y*., & Chen, R*. (revised and re-submitted). Can digital self-harm beyond traditional non-suicidal self-injuries predict suicide risk?

Wang, J., He, Y., Du, X., **Wei, Z.**, Wang, Y., Chen R*, Zhou, X. (submitted). Loveless marriage and child psychopathology: do not reluctantly stay together for the sake of the children.

Qu, D†., Liu, D†., Cai, C†., Zhang, X., Yu, J., Zhang, Q., Liu, K., **Wei, Z.**, Tan, J., Cui, Z., Zhang, X*., & Chen, R*. (2023). Process model of emotion regulation-based digital intervention for emotional problems. *Digit Health*, *9*. [PDF]

Wei, Z., Zhang, Y., Clariana, R. B*., & Chen, X*. (revised and resubmitted). The effects of pre-reading purposes and post-reading generative learning tasks on multiple document integration: Evidence from concept network analysis.

Chen, X., **Wei, Z.**, Li, Z., & Clariana, R. B*. (2023). The influence of the conceptual structure of external representations when relearning history content. *Educational Technology Research and Development*, *71*, 415–439. [PDF]

Wei, Z., Chen, X*., & Clariana, R., B. (2022). Measures of knowledge structure in reading comprehension. *Journal of Psychological Science*, *45*(2), 306-315. [in Chinese] [PDF]

2. Conferences

The 24th National Academic Conference of Psychology (Nov 2022, China). Oral presentation. [Link]

SKILLS

Software: R, Python, MATLAB, SPSS, E-Prime, Mplus, Microsoft Words, Excel & PowerPoint, LaTeX, EndNote, VS Code, JASP
Statistics: ANOVA, latent models, linear and logistic regressions, linear mixed models, psychological network analysis
Language: English (IELTS: 6.5), Mandarin (native), Cantonese (beginner)

SELECTED HONOURS AND AWARDS

Scholarship for Graduates (Second-class), SCNU, 2020
The Innovative Research Foundation for Graduates, School of Psychology, SCNU, 2019
Scholarship for Undergraduates (Third-class), SCNU, 2019

REFEREES

Assoc. Prof. Xuqian Chen (Master's supervisor)
School of Psychology, South China Normal University
Email: chenxuqian@m.scnu.edu.cn
Research interest: language cognition and learning; concept structure in memory

Prof. Aitao Lu
School of Psychology, South China Normal University
Email: atlupsy@gmail.com
Research interest: cognitive process of language