

CURRICULUM VITAE

Nalan Zhan, B.S.nalanzhan@foxmail.com ◇ [nalanzhan.github.io](https://github.com/nalanzhan) ◇ [Google Scholar](#) ◇ [ResearchGate](#)

Nanchang, Jiangxi, China, 330022

EDUCATION**Jiangxi Normal University**, Nanchang, Jiangxi 9/2022-6/2025 (Expected)

M.Ed. in Psychology

Advisor: [Fulei Geng, Ph.D.](#)**Jiangxi Normal University**, Nanchang, Jiangxi 9/2018-6/2022

B.S. in Psychology,

GRANTS**Graduate Innovation Foundation, Jiangxi Province** 2023

YC2023-S278 | Role: Princippal Investigator

The cross-sectional and longitudinal relationships between irritability, posttraumatic stress disorder, and depressin among trauma-exposed individuals: A cross-lagged panel network analysis

Amount Awarded: \$700

SCHOLARSHIPS, HONORS, AND AWARDS**International Student Travel Stipend**, APA Convention, APA Division 56 2024**National Scholarship**, Ministry of Education of China 2023/2024**First Prize Scholarship of Outstanding Graduates**, Jiangxi Province Government 2023/2024**Outstanding Undergraduate Thesis**, Jiangxi Normal University 2022**Outstanding Undergraduates**, Jiangxi Normal University 2022**First Prize Scholarship of Outstanding Undergraduates**, Jiangxi Normal University 2019/2021/2022**Second Prize Scholarship of Outstanding Undergraduates**, Jiangxi Normal University 2020**PUBLICATIONS****First Author**

1. **Zhan, N.**, Li, F., Fung, H. W., Zhang, K., Wang, J., & Geng, F. (In Press). A symptom-level perspective on irritability, PTSD, and depression in children and adults. *Journal of Affective Disorders*.
2. **Zhan, N.**, Gao, C., Cao, Y., Li, F., & Geng, F. (2024). Factor structure, measurement invariance, and psychometric properties of the Posttraumatic Cognitions Inventory (PTCI) and its brief version (PTCI-9) in Chinese adolescents and adults. *Psychological Assessment*, 36(4), 291-302. <https://doi.org/10.1037/pas0001309>
3. **Zhan, N.**, Zhang, L., Gong, M., & Geng, F. (2024). Clinical correlates of irritability, anger, hostility, and aggression in posttraumatic stress disorder. *Psychological Trauma: Theory, Research, Practice, and Policy*, 16(6), 1055-1062. <https://doi.org/10.1037/tra0001498>

4. **Zhan, N.**, Zhang, Y., Xie, D., & Geng, F. (2022). The associations of parental COVID-19 related worries, lifestyles, and insomnia with child insomnia during the COVID-19 outbreak. *Journal of Sleep Research*, 31(5), e13590. <https://doi.org/10.1111/jsr.13590>
5. **Zhan, N.**, Xie, D., Zou, J., Wang, J., & Geng, F. (2021). The validity and reliability of benevolent childhood experiences scale in Chinese community adults. *European Journal of Psychotraumatology*, 12(1), 1945747. <https://doi.org/10.1080/20008198.2021.1945747>

Co-Author

6. Yuan, D., **Zhan, N.**, Wang, J., Geng, F., & Zhang, L. (2024). Prevalence and correlates for adult attention deficit hyperactivity disorder and its subtypes in a Chinese community-based sample. *Current Psychology*, 1-9. <https://doi.org/10.1007/s12144-024-06599-w>
7. Yuan, D., Li, Q., **Zhan, N.**, Zhang, L., Wang, J., Liu, M., & Geng, F. (2023). Longitudinal associations of menstrual characteristics with mental health problems among Chinese girls. *European Child & Adolescent Psychiatry*, 33(8), 2547-2556. <https://doi.org/10.1007/s00787-023-02345-y>
8. Fung, H. W., Geng, F., Yuan, D., **Zhan, N.**, & Lee, V. W. P. (2023). Childhood experiences and dissociation among high school students in China: Theoretical reexamination and clinical implications. *International Journal of Social Psychiatry*, 69(8), 1949-1957. <https://doi.org/10.1177/00207640231181528>
9. Geng, F., Liang, Y., **Zhan, N.**, & Wang, J. (2022). Prevalence, clinical features, and psychological characteristics of dissociative subtype of posttraumatic stress disorder in Chinese prisoners. *Journal of Trauma & Dissociation*, 24(1), 63-78. <https://doi.org/10.1080/15299732.2022.2079797>
10. Zhang, Y., **Zhan, N.**, Long, M., Xie, D., & Geng, F. (2022). Associations of childhood neglect, difficulties in emotion regulation, and psychological distresses to COVID-19 pandemic: An inter-generational analysis. *Child Abuse & Neglect*, 129, 105674. <https://doi.org/10.1016/j.chiabu.2022.105674>
11. Geng, F., Lu, H., Zhang, Y., **Zhan, N.**, Zhang, L., & Liu, M. (2022). Dissociative depression and its related clinical and psychological characteristics among Chinese prisoners: A latent class analysis. *Current Psychology*, 42(15070–15079). <https://doi.org/10.1007/s12144-022-02751-6>
12. Zhang, Y., **Zhan, N.**, Zou, J., Xie, D., Liu, M., & Geng, F. (2022). The transmission of psychological distress and lifestyles from parents to children during COVID-19. *Journal of Affective Disorders*, 303, 74-81. <https://doi.org/10.1016/j.jad.2022.02.007>
13. Zhang, Y., Li, Q., Hu, W., **Zhan, N.**, Zou, J., Wang, J., & Geng, F. (2022). The relationships between screen time and mental health problems among Chinese adults. *Journal of Psychiatric Research*, 146, 279-285. <https://doi.org/10.1016/j.jpsychires.2021.11.017>
14. Geng, F., Tu, L., **Zhan, N.**, Zhang, Y., & Wang, J. (2021). Associations of substance abuse histories and gambling addiction history with post-traumatic stress symptoms and depressive symptoms among Chinese prisoners. *European Journal of Psychotraumatology*, 12(1), 1906022. <https://doi.org/10.1080/20008198.2021.1906022>
15. Geng, F., Zou, J., Liang, Y., **Zhan, N.**, Li, S., & Wang, J. (2021). Associations of positive and adverse childhood experiences and adulthood insomnia in a community sample of Chinese adults. *Sleep Medicine*, 80, 46-51. <https://doi.org/10.1016/j.sleep.2021.01.022>

Manuscripts Under Reviews

16. Zhang, K., **Zhan, N.**, Xue, X., Man, J., Li, F., & Geng, F. (Under Review). Associations among fear of cancer recurrence, posttraumatic stress symptoms, depression and irritability in cancer patients: A network analysis.
17. Geng, F., **Zhan, N.**, Li, F., Xu, F., Li, Y., & Wang, J. (Under Review). Examination of irritability trajectories, correlates and long-term outcomes: A prospective case-cohort study combined with experience sampling method.

Manuscripts In Progress

18. **Zhan, N.**, & Geng, F. (In Preparation). *Longitudinal relationships between posttraumatic stress disorder, irritability, and depression in trauma-exposed children and adolescents: A cross-lagged panel network analysis.*

RESEARCH EXPERIENCE

Note. [x] refers to the journal articles or working papers in the publication list.

Graduate Research Assistant, Jiangxi Normal University

9/2019-Present

Advisor: Fulei Geng, Ph.D.

Project: Associations between Default Mode Network Functional Connectivity and Conditioning Fear Extinction in PTSD: A Resting-state Functional MRI Study

Advisor: Fulei Geng

Collaborators: Kailiang Zhang and Dawei Wang (Qilu Hospital, Shandong University)

- Designed the study, developed experimental protocols using E-prime, and plan to collect behavioral (self-report scales), physiological (EDA), and imaging (e.g., sMRI and rs-fMRI) data using a laptop, MP160 BIOPAC system, and MRI scanner in cancer patients and healthy control group.
- Plan to conduct data preprocessing and analysis: preprocessing EDA data with AcqKnowledge and imaging data with MATLAB; analyzing behavioral, physiological, and imaging data using R, SPSS, and Excel together; and preparing final results for reporting and manuscript writing.
- Current progress: Preparing IRB resubmissions.

Project: Relationships between Irritability, PTSD, and Depression at the Disorder Level and the Symptom Level

Advisor: Fulei Geng

- Conducted latent profile analysis using Mplus to identify possible profile solutions for PTSD, irritability, and aggression in trauma-exposed participants; examined relationships between irritability, PTSD, and depression at the disorder level.
- Utilized R studio to perform network analysis, exploratory graph analysis and cross-lagged panel network model analysis to investigate cross-sectional and longitudinal relationships between symptoms of irritability, PTSD, and depression at the symptom level.
- Wrote one paper published in *Psychological Trauma: Theory, Research, Practice, and Policy* ^[3], one manuscript accepted by *Journal of Affective Disorders* ^[1], and one manuscript in progress ^[18].

Project: Psychometric Properties of the Posttraumatic Cognitions Inventory-9 in China

Advisor: Fulei Geng

- Contributed to the development of questionnaires, data collection and analysis.

- Examined the psychometric properties of the PTCI-9 through confirmatory factor analysis and measurement invariance using Mplus, and assessed its reliability and validity using SPSS.
- Wrote one manuscript and addressed reviewers' and editor's comments, resulting in a publication in *Psychological Assessment* ^[2].

Project: Intergenerational Transmission of Psychological Distress and Lifestyle Factors

Advisor: Fulei Geng

- Conducted path analysis using Mplus to investigate potential pathways from parental COVID-related worries, lifestyles, and insomnia to children's insomnia.
- Wrote one manuscript and addressed reviewers' and editor's comments, resulting in a publication in the *Journal of Sleep Research* ^[4].
- Assisted with revisions and data analysis in other intergenerational studies investigating the effects of lifestyles, childhood neglect, and emotion regulation on the transmission of depression and anxiety from parents to children during COVID-19, resulting in publications in the *Journal of Affective Disorders* ^[12] and *Child Abuse & Neglect* ^[10], respectively.

Project: Impact of Childhood Experiences on Psychological Outcomes

Advisor: Fulei Geng

Collaborator: Hong Wang Fung, Ph.D. (Hong Kong Baptist University)

- Examined and validated the psychometric properties of the Chinese version of the Benevolent Childhood Experiences scale using SPSS and Mplus, and analyzed the independent and interactive effects of positive childhood experiences, lifetime trauma, and childhood trauma on PTSD symptoms, depression, and prosocial behaviors using multiple linear regression.
- Wrote one manuscript and addressed reviewers' and editor's comments, resulting in a publication in the *European Journal of Psychotraumatology* ^[5].
- Contributed to a collaborative project with Hong Wang Fung, resulting in a publication in the *International Journal of Social Psychiatry* ^[8].
- Contributed to data analyses, prepared figures, and reviewed and revised another manuscript on the relationship between positive and adverse childhood experiences and adulthood insomnia, resulting in a publication in *Sleep Medicine* ^[15].

PROFESSIONAL SKILLS

Languages	Mandarin (native), English (TOEFL = 100)
Software	SPSS, R, Mplus, E-prime, AcqKnowledge (SCR Analysis), Adobe Photoshop, Adobe Illustrator, GraphPad Prism
Experimental Skills	EDA & EMG collection and analysis (MP160 BIOPAC system; AcqKnowledge; Xeye Human Startle system), Shock system (Digitimer DS7A Stimulator), Basic behavioral experiments and psychometric analysis, Advanced statistical methods (e.g., SEM, network analysis)

VOLUNTEER EXPERIENCE

Summer Social Practice, Yangguang Middle School, Nanchang, Jiangxi Summer 2019/Summer 2020
Psychology Teacher Volunteer

Autism Children's Center, Xingyu Rehabilitation Training Center, Nanchang, Jiangxi 9/2018-6/2019
Student Volunteer

PROFESSIONAL EXPERIENCE

Abstract Reviewer

The 40th Annual Meeting of the International Society for Traumatic Stress Studies conference 3/2024

Professional Affiliations

International Society of Traumatic Stress Studies	2023-2026
American Psychological Association	2023-2025
Chinese Psychological Society	2023-2024

OTHER WORK EXPERIENCES

Psychology Teacher Intern, Nanchang No.3 Middle School, Nanchang, Jiangxi	9/2021-12/2021
Psychology Teacher Practicum, Maqiu Senior High School, Nanchang, Jiangxi	3/2021
New media operation center for college students, School of Psychology	9/2018-6/2021