# XIAORUI XUE

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## EDUCATION

**Vanderbilt University**                                                                                              Nashville, TN, USA
MA in International Education Policy and Management                                             Sep. 2018 – May 2020
- GPA: 3.5/4.0
- Coursework: Research Design and Data Analysis, Qualitative Methods, Program Evaluation and Education Policy, K-12 Education Policy, Education Policy and Global Human Development

**Heilongjiang University**                                                                                                    Harbin, China
BA in Business English (Exchange program with Hendrix College (U.S.) studying Psychology)     Sep. 2014 – Jun. 2018
- GPA: 3.5/4.0, College Ranking: Top 10%
- Coursework: Psychology, Microeconomics, Macroeconomics, Commercial Law, Business Investigation and Practice, Marketing, Introduction to Business
- Selected awards: University Scholarship for Academic Excellence (College Ranking: Top 20%), full scholarship for Exchange to Hendrix College

## PUBLICATIONS

1. **Xue, X.**, Xie, S., Mishra, S., Wright, A. M., Biswas, G., & Levin, D. T. "A case study of prevalence and causes of eye tracking data loss in a middle school classroom", *Educational technology research and development, 70, 2017–2032 (2022). https://doi.org/10.1007/s11423-022-10154-4*

## RESEARCH EXPERIENCES

**Vanderbilt University, Levin Lab-National Science Foundation (NSF) Awarded**        Nashville, TN, USA
Research Assistant to Professor Daniel Levin                                                                    May 2019 – Sep. 2022
**Linking Eye Movements with Visual Attention to Enhance Cyberlearning**
- Engaged in the whole research process from experimental design, data collection and cleaning, to paper writing and submission
- Developed a coding scheme to describe 60 students' behaviors while interacting with an online learning agent from MNPS
- Selected the available data, and extracted the video recording segments for cleaning and analysis
- Assisted in 10+ EEG experiments to explore how eye movements might help to understand learning during screen-captured instructional videos
- First-authored the paper and presented the lab findings in the Eye-tracking system on the 2019 Maker Faire Tennessee

**Stanford Research Institute (SRI) International**                                                              Menlo Park, CA, USA
Supervised by Dr. Erica Gaylor (Principal Investigator), Dr. Elisa Garcia (Project Director)     Jul. 2019 – May 2020
**Scaling Up Implementation of Pyramid Model in Preschool and Kindergarten Classrooms**
- Aimed to test whether the Pyramid Model (PM) improved a child's social-emotional skills as a child assessor
- Conducted assessments (Pyramid Model Evaluation Project) to 30+ children in participating schools within the Metro Nashville Public System (MNPS)
- Facilitated the data collection process of measuring young children's social, emotional, and behavioral development through communication with school leaders and teachers around MNPS
- Wrote summary report and led data collection report with SRI group every couple of weeks

**Vanderbilt University Peabody Research Office**                                                            Nashville, TN, USA
Research Assistant to Dr. Dale C. Farran                                                                            Oct. 2018 – Dec. 2019
**Tennessee Voluntary Pre-K (VPK) Program**
- Observed and collected data from students and teachers in TNVPK classrooms throughout the day, in order to understand the impact of current Pre-K policies and curricula on children's development including social-emotional competence and academic performance, helping to promote kindergarten readiness through high-quality learning environments
- Conducted 42 classroom observations to assess the quality and alignment of Pre-K to 2nd Grade Classrooms in Tennessee by using the Child Observation Protocol and the Teacher Observation Protocol
- Collected and analyzed 50+ questionnaires about participating parents' perspectives of Tennessee Volunteer Pre-K (TNVPK)

## WORK EXPERIENCES

**Parent Lab Inc., an app that provides parenting education**                                      Santa Clare, CA, USA
Senior Researcher, Department of Child Development                                                      Dec. 2021 – Present

- Managed a team of four and produced 30+ articles on the WeChat official account, with content concerning child development, parenting, psychology, and neuroscience
- Designed and revised 15 assessments for Chinese families and children (attachment type assessments, parenting style assessments, temperament type assessments), and published them on the Parent Lab app, with 4000+ users
- Designed Great! Parenting offline workshop and hosted 50+ parents in Hangzhou city
- Built an online Parent Lab Research Library as the resource bank for product design
- Collaborated with U.S. professors such as Dr. Alex Korb and Dr. Daniel Seigel to write child development articles and assisted in monthly training

**Yuanfudao, one of China's leading online education companies** Beijing, China
Researcher, Research Department of Child Development May 2020 – Dec. 2021
- Established a library of psychological theories in child development as part of the curriculum design to provide relevant references
- Held weekly and monthly lectures to thousands of people on developmental and educational psychology theories
- Conducted qualitative interviews to 25 working-parents' families, recorded and cleaned data, and wrote listening notes to draw out major themes and potential codes, to provide support to company's Family Education Program
- Designed analytic codes to prepare for the following Family Education Program to be used with NVivo12

## EXTRACURRICULAR ACTIVITIES

**Mandarin tutor and Curriculum Designer** Nashville, TN, USA & Remote
May 2019 – Present
- Mentored three elementary students both offline and online
- Designed curriculum and selected readings for students to learn Mandarin and Chinese culture

**Kindergarten Affiliated to Heilongjiang University** Harbin, China
Assistant Teacher Jul. 2015 - Aug. 2017
- Served 20+ kindergarten students, assisting in teaching, utilizing performance data to inform instruction, and developing intervention plans

**International Volunteer** Kandy, Sri Lanka
Feb. 2016 – Mar. 2016
- Taught English to 10+ monks in a Buddhist temple
- Designed and taught English reading and writing for 20+ students in First Friend Pre-K

## ADDITIONAL INFORMATION

**Computer Skills:** STATA, SPSS, R, NVivo, Microsoft Office, Adobe, Photoshop
**Language Skills:** Native in Chinese Mandarin, Proficient in English, Beginner in Japanese
**Interests:** Central Academy of Fine Arts, certificated to the highest level in sketch and oil painting