Hanhui Bao

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EDUCATION

University of Tennessee, Knoxville   **Knoxville, TN**

Doctor of Philosophy (Learning, Design, and Technology)   *08/2023-07/2027(Expected)*

Advisors: Dr. Joshua Rosenberg, Dr. Rachel Wong

Johns Hopkins University   **Baltimore, MD**

Master of Science in Education (STEM Focus) Advisor: *8/2022 – 7/2023*

Advisor: Dr. Stephen Pape

Wenzhou University   **Wenzhou, CHN**

Bachelor of Law in Ideological and Political Education   *9/2018 – 6/2022*

PUBLICATIONS

(Under Review) Fadel, M., **Bao, H.,** Zhang, A., Hao, T., Llamas, J., Llamas, M. Building Pathways for Female Leaders' Economic Empowerment. *The Scholarship Without Borders Journal.*

(Under Review) Hao, T., Liu, Z., **Bao, H.,** Chen, S., Llamas, J., Llamas, M. Gamification as an Effective Method in Developing Leadership Skills and Competencies. *The Scholarship Without Borders Journal.*

(Manuscripts) Winn, J., Hao, T., **Bao, H.,** Xin, G., Shui, X. (2023). Video Game of Leadership Development: A Systematic Review (2012-2022). https://osf.io/jv4yk/

CONFERENCES

Wang, J., Wang, X., Zhang, Q., **Bao, H.,** Zhao, Z., Neitzel, A.J. (2023). Risk of Bias Tools in Systematic Reviews of Interventions PK-12 Education: A Critical Analysis of Studies in Review of Educational Research. *The Society for Research on Educational Effectiveness.* Arlington, VA.

(Under Review) Garner, A., **Bao, H.** (2023). A Curriculum Analysis of The Sources of Data and Data Engagements of Science Students. *National Association for Research in Science Teaching.* Denver, CO.

(Under Review) Wang, X., **Bao, H.** (2023). A Review of Learner Autonomy Scales: Mapping the Landscape of Measurement Tools in Autonomy Interventions. *American Educational Research Association.* Philadelphia, PA.

PROFESSIONAL EXPERIENCE

Department of Theory and Practice in Teacher Education, UT Knoxville   **Knoxville, TN**

Graduate Research Assistant   08/2023 – Current

PI: Dr. Alex Lishinski

- Work as a GRA in the NSF project: Broadening Participation in Introductory Computer Science: Investigating Self-Assessment Practices for Increasing Student Learning and Self-Efficacy in Two Institutional Contexts.

SERVICE

Volunteer peer reviewer - National Association for Research in Science Teaching Conferences. 2024

RESEARCH EXPERIENCE

Center for Research and Reform in Education, Johns Hopkins University   **Baltimore, MD**
Research Assistant   *9/2022 – 06/2023*
Faculty Advisors: Dr. Amanda Neitzel(Inns)

- Review latest professional educational papers, extract key information, and write paper briefs in Lay-person terms to be published on the website 'Best Evidence in Brief Index', aiming to provide latest educational newsletter for public
- Conduct meta-analysis studies focused on secondary mathematics grades to inspect the implementation and effectiveness of different mathematics programs. The studies are generally used to improve curriculum tools or instructional methods

Digital Learning Lab, University of California, Irvine   **Irvine, CA**
Research Assistant   *8/2022 - Present*
Lead Researcher: Dr. Dandan Yang

- Use CLANc software to record talks and translate into text files (CLAN file)
- Translate CLAN files into Excel data, aiming to record the bilingual interactions, e.g., conversations and gazes between children and parents
- Check other team members' coding files according to the coding standard to ensure the reliability of data
- Data cleaning & analysis
- Academic writing

Soul Stori LLC.   **New York, NY**
Research Assistant   *12/2022-1/2022*

- Conducted literature review research work about compassion teaching and social emotional learning

Institute of Big Data and Information Technology, Wenzhou University   **Wenzhou, CHN**

Research Assistant   *5/2021 – 6/2022*

Faculty Advisor: Professor Yuanchun Zhang & Professor Zhiling Yang

- Optimized identity authentication system by designing an identity middle end (compared to front end and backend), aiming to reduce the authentication process redundancy, and achieving data sharing
- Collected feedback from students, faculty, and staff, using MySQL to analyze data

INTERNSHIP & VOLUNTEER EXPERIENCE

ConnectEd Organization   **Remote**

Volunteer   *6/2022 - Current*

- Explore and collect professors and scholars' information, send them emails and slack invitations to invite them to join our academic sharing group
- Ask scholars whether they have Ph.D. or lab assistant positions

Johns Hopkins University School of Engineering   **Baltimore, MD**

Mathematics Tutor   *02/2023-05/2023*

- Provided mathematics tutoring for 5th graders at Henderson-Hopkins School

Youth Tutorial Library Program, Johns Hopkins University   **Baltimore, MD**

Tutor Volunteer   *9/2022 – 04/2023*

- Provide math tutor service for local students
- Work as the consistent tutor for a student with ADHD

Wenzhou Autism Center   **Wenzhou, CHN**

Volunteer   *10/ 2019 – 6/2022*

- Had music, art, and science classes with students with autism
- Mentored one student
- Developed partnership with parents to create rehabilitation program

Italy International School-Naples Campus   **Remote**

Teacher   *9/2021 – 1/2022*

- Taught English to the overseas Chinese students (aged 7-10)

College of Foreign Languages, Wenzhou University   **Wenzhou, CHN**

Online Bilingual Teacher, Summer Practice Activity   *7/2021/ - 8/2021*

- Shared the content of Yuanqu (An ancient Chinese poetic form) with Chinese children from

Italian Chinese School, Markay International Chinese School
- Taught Chinese to junior students, shared Chinese myths and fables to senior students

Wenzhou Wutian No.1 Middle School **Wenzhou, CHN**

Teacher Intern *4/2021 - 6/2021*
- Lectured for Grade 8 and Grade 9 students
- Managed class administration work

SKILLS

Language skills: Mandarin (native), English (fluent), Spanish(beginner)

Computer skills: Microsoft, Google drive, SQL, Python, R studio, HTML