

## Hanhui Bao

Tel.: 410-428-7591 | Email: [hbao4@vols.utk.edu](mailto:hbao4@vols.utk.edu)

### 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)*

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