Wenna Xi

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RESEARCH INTERESTS

Applications: Suicide, Mental Health, Substance Use, Neighborhood Effects, Social Determinants of Health, Health Disparities, Health Services, Healthcare Utilization, Activity Spaces/Patterns

Statistical Methodology: Co-Location Networks, Social Networks, Spatial Statistics, Longitudinal Data, Correlated Data, Mixture Models, Machine Learning, Data Visualization, Bayesian Modeling and Computation

EDUCATION

The Ohio State University, Columbus, OH

- Ph.D., Biostatistics   Defended: Jul 2019; conferred: Dec 2019
  - *Advisor*: Catherine A. (Kate) Calder
  - *Dissertation*: Community Structure in Co-Location Networks
    http://rave.ohiolink.edu/etdc/view?acc_num=osu1566156023255678
- M.S., Statistics   Dec 2018
- M.S., Public Health   Aug 2014
  - *Advisor*: Michael L. Pennell
  - *Thesis*: Comparing the Statistical Power of Analysis of Covariance after Multiple Imputation and the Mixed Model in Testing the Treatment Effect for Pre-Post Studies with Loss to Follow-Up http://rave.ohiolink.edu/etdc/view?acc_num=osu1403557167

University of Science and Technology of China, Hefei, China

- M.S., Biomathematics   Jun 2012

Northwest Normal University, Lanzhou, China

- B.S., Mathematics   Jun 2010

WORK EXPERIENCE

Northwestern University Feinberg School of Medicine

Assistant Professor, Department of Preventive Medicine   Jun 2025

Weill Cornell Medicine

Instructor, Department of Population Health Sciences   Aug 2022 – May 2025

Postdoctoral Associate, Department of Population Health Sciences (FKA Department of Healthcare Policy and Research)

                                                                       Aug 2019 – Jul 2022

The Ohio State University

Research Associate, Center of Excellence in Regulatory Tobacco Science (OSU-CERTS)

                                                                       Sep 2015 – Aug 2018

Research Associate, College of Public Health   May 2015 – Aug 2015

Teaching Associate, College of Public Health   Aug 2014 – May 2015

Research Intern, Department of Otolaryngology   May 2013 – Aug 2013

University of Science and Technology of China

Research Assistant, Department of Mathematics   Feb 2012 – Jun 2012

Teaching Assistant, Department of Mathematics   Feb 2011 – Jan 2012

FUNDING

1. R00 MH130713
   Xi (PI)
   04/01/2023 – 07/31/2028
   Risk and protective factors for Black youth suicide and suicidal ideation and behaviors

PUBLICATIONS

29. Keenan OJ, Young AR, Kouklis G, Brown S, Green AR, Katz DS, et al. Urban forestry practices to improve heat-related human health: exploring the practicalities and concerns with US urban tree professionals. Urban Forestry & Urban Greening. 2025;p. 129071. https://doi.org/10.1016/j.ufug.2025.129071

28. Vekaria V, **Xi W**, Patra BG, Murphy SM, Avery J, Olfson M, et al. Association of past-year mental and physical health conditions with intentional or unintentional drug overdoses. Journal of Substance Use and Addiction Treatment. 2025;178:209792. https://doi.org/10.1016/j.josat.2025.209792

27. Rashkovich S*, **Xi W***, Sholle E, Sharma MM, Casale K, Alvarez M, et al. Independent and joint associations between patient characteristics and the triaging process for a telepsychiatry consultation-liaison service. Journal of Psychiatric Research. 2025;190:449–456. https://doi.org/10.1016/j.jpsychires.2025.07.013

26. Keenan OJ, Green AR, Young AR, Young SR, Katz DS, Miller DL, et al. Exploring Community Co-Creation in Tree Planting and Heat-Related Health Interventions: A Qualitative Study. International Journal of Environmental Research and Public Health. 2025;22(6):1–23. https://doi.org/10.3390/ijerph22060896

25. Zhou X, Wang X, **Xi W**. Temporal Trends in Correlates for Suicidal Thoughts and Behaviors Among Black High School Students in the United States, 1991–2021. Suicide & Life-Threatening Behavior. 2025;55(3):e70028. https://doi.org/10.1111/sltb.70028

24. Willis LK, McCarty M, Lech C, Dajer A, Farmer B, Curato M, Mital R, **Xi W**, Osorio SN. Report of a formalized case-based peer support program to improve physician wellbeing. Physician Leadership Journal (*Accepted*).

23. Shin J, Wu J, Kim HJ, **Xi W**. Neighborhood-level social determinants of suicidality in youth with schizophrenia: An EHR-based study. Schizophrenia Research. 2025;281:74–81. https://doi.org/10.1016/j.schres.2025.04.035

22. **Xi W**, Banerjee S, Alexopoulos GS, Olfson M, Pathak J. Geography and risk of suicidal ideation and attempts post outpatient psychiatric visit in commercially insured US adults. Journal of Psychiatric Research. 2025;. https://doi.org/10.1016/j.jpsychires.2025.01.054

21. Wang X, Liu Q, Xu Y, **Xi W**, Gump BB, Vasilenko SA. Racial Differences in Adverse Childhood Experiences: Timing and Patterns. American Journal of Preventive Medicine. 2025;. https://doi.org/10.1016/j.amepre.2025.01.021

20. Keenan OJ, Green AR, Young AR, Katz DS, Li Q, **Xi W**, et al. Linking Urban Greening and Community Engagement with Heat-Related Health Outcomes: A Scoping Review of the Literature. Arboriculture & Urban Forestry (AUF). 2025;. https://doi.org/10.48044/jauf.2025.017

19. Jiang LG, McGinnis C, Benton E, Nawa E, Stern M, **Xi W**, et al. Using tele-paramedicine to conduct in-home fall risk reduction after emergency department discharge: Preliminary data. Journal of the American Geriatrics Society. 2024;. https://doi.org/10.1111/jgs.19080

18. Vekaria V, Patra BG, **Xi W**, Murphy SM, Avery J, Olfson M, et al. Association of opioid or other substance use disorders with health care use among patients with suicidal symptoms. Journal of Substance Use and Addiction Treatment. 2024;156:209177. https://doi.org/10.1016/j.josat.2023.209177

17. Scales D, Hurth L, **Xi W**, Gorman S, Radhakrishnan M, Windham S, et al. Addressing antivaccine sentiment on public social media forums through web-based conversations based on motivational interviewing techniques: Observational study. JMIR infodemiology. 2023;3:e50138. https://doi.org/10.2196/50138

16. **Xi W**, Banerjee S, Zima BT, Alexopoulos GS, Olfson M, Xiao Y, et al. Effects of geography on risk for future suicidal ideation and attempts among children and youth. JAACAP Open. 2023;. https://doi.org/10.1016/j.jaacop.2023.07.002

15. Evans L, Wu Y, **Xi W**, Ghosh AK, Kim Mh, Alexopoulos GS, et al. Risk stratification models for predicting preventable hospitalization in commercially insured late middle-aged adults with depression. BMC Health Services Research. 2023;23(1):621. https://doi.org/10.1186/s12913-023-09478-5

14. Elias J, Gossey JT, **Xi W**, Sharko M, Robbins L, Bostwick S, et al. Sharing Clinical Notes while Protecting Adolescent Confidentiality and Maintaining Parental Insight. Applied Clinical Informatics. 2023;14(03):555–565. https://doi.org/10.1055/a-2084-4650

13. Nieuwenhuijse MJ, Randsborg PH, Hyde JH, **Xi W**, Franklin P, Sun L, et al. Evidence based objective performance criteria for evaluation of hip and knee replacement devices and technologies. International Journal of Surgery. 2023;109(5):1125–1135. https://doi.org/10.1097/js9.0000000000000169

12. **Xi W**, Banerjee S, Olfson M, Alexopoulos GS, Xiao Y, Pathak J. Effects of social deprivation on risk factors for suicidal ideation and suicide attempts in commercially insured US youth and adults. Scientific Reports. 2023;13(1):4151. https://doi.org/10.1038/s41598-023-31387-0

11. Goyal P, Schenck E, Wu Y, Zhang Y, Visaria A, Orlander D, et al. Influence of social deprivation index on in-hospital outcomes of COVID-19. Scientific Reports. 2023;13(1):1746. https://doi.org/10.1038/s41598-023-28362-0

10. **Xi W**, Hinton A, Lu B, Krotki K, Keller-Hamilton B, Ferketich A, et al. Analysis of combined probability and nonprobability samples: a simulation evaluation and application to a teen smoking behavior survey. Communications in Statistics-Simulation and Computation. 2022;p. 1–17. https://doi.org/10.1080/03610918.2022.2102181

9. **Xi W**, Banerjee S, Penfold RB, Simon GE, Alexopoulos GS, Pathak J. Healthcare utilization among patients with psychiatric hospitalization admitted through the emergency department (ED): A claims-based study. General Hospital Psychiatry. 2020;67:92–99. https://doi.org/10.1016/j.genhosppsych.2020.10.001

8. **Xi W**, Calder CA, Browning CR. Beyond Activity Space: Detecting Communities in Ecological Networks. Annals of the American Association of Geographers. 2020;110(6):1787–1806. https://doi.org/10.1080/24694452.2020.1715779

7. Burgoon ML, Albani T, Keller-Hamilton B, Lu B, Roberts ME, Craigmile PF, et al. Exposures to the tobacco retail environment among adolescent boys in urban and rural environments. The American Journal of Drug and Alcohol Abuse. 2019;45(2):217–226. https://doi.org/10.1080/00952990.2018.1549562

6. Sweet L, Brasky TM, Cooper S, Doogan N, Hinton A, Klein EG, et al. Quitting Behaviors Among Dual Cigarette and E-Cigarette Users and Cigarette Smokers Enrolled in the Tobacco User Adult Cohort. Nicotine & Tobacco Research. 2019;21(3):278–284. https://doi.org/10.1093/ntr/nty222

5. Roberts ME, Keller-Hamilton B, Hinton A, Browning CR, Slater MD, **Xi W**, et al. The magnitude and impact of tobacco marketing exposure in adolescents' day-to-day lives: An ecological momentary assessment (EMA) study. Addictive Behaviors. 2019;88:144–149. https://doi.org/10.1016/j.addbeh.2018.08.035

4. **Xi W**, Pennell ML, Andridge RR, Paskett ED. Comparison of intent-to-treat analysis strategies for pre-post studies with loss to follow-up. Contemporary Clinical Trials Communications. 2018;11:20–29. https://doi.org/10.1016/j.conctc.2018.05.008

3. Quisenberry AJ, Klein EG, Hinton A, Doogan NJ, Brasky TM, **Xi W**, et al. E-cigarette and Combustible Tobacco Use Motivations among Exclusive and Dual E-cigarette Users. Tobacco Regulatory Science. 2018;4(4):63–72. https://doi.org/10.18001/TRS.4.4.7

2. Doogan NJ, Cooper S, Quisenberry AJ, Brasky TM, Browning CR, Klein EG, et al. The role of travel distance and price promotions in tobacco product purchase quantity. Health & Place. 2018;51:151–157. https://doi.org/10.1016/j.healthplace.2018.03.009

1. Brasky TM, Hinton A, Doogan NJ, Cooper SE, Nagaraja HN, **Xi W**, et al. Characteristics of the tobacco user adult cohort in urban and rural Ohio. Tobacco Regulatory Science. 2018;4(1):614–630. https://doi.org/10.18001/TRS.4.1.8

Manuscripts Under Review

4. **Xi W**, Evans L, Wu Y, Kim M, Ghosh AK, Alexopoulos GS, Pathak J, Banerjee S. Prediction of adverse mental health outcomes using population-based risk stratification models in late middle aged adults with depression. Submitted to *ACI Open*.

3. Andy C, Wang X, Parquet J, Strickland A, Etienne F, Vekaria V, **Xi W**. Temporal trends in the associations between substance use and suicidality and current substance use behaviors among U.S. adolescents. Revision under review at *American Journal of Preventive Medicine*.

2. R Chen, S Zuo, W Stevens, S Pollack, **Xi W**, L Petito, L Zhao, H Zhang. Clustering-augmented inverse probability weighting for robust causal effect estimation in observational studies. Submitted to *Statistical Methods in Medical Research*.

1. Khan KL, Luo H, **Xi W**. Computing with R-INLA: Accuracy and reproducibility with implications for the analysis of COVID-19 data. https://arxiv.org/abs/2111.01285

*: Co-first author
#: Mentee

CONFERENCE PROCEEDINGS

Invited Talks

3. ENAR 2025 Spring Meeting, New Orleans, LA, Mar 2025.
   - "Challenges and Methodological Advances in Utilizing Big and Small Data for Depression Treatment"

2. 2025 International Conference on Health Policy Statistics (ICHPS), San Diego, CA, Jan 2025.
   - "Predicting Preventable and Psychiatric Hospitalizations in Late Middle-Aged Adults With Depression"

1. 10th Annual Thomas R. Ten Have Symposium on Statistics in Mental Health, Boston, MA, Jun 2023.
   - "Analysis of Big Data in Mental Health Research: Opportunities and Challenges"

Oral Presentations

9. (*Forthcoming*) Suicide Research Symposium (SRS), Virtual, Apr 2026.
   - "Predicting Suicide Attempts among Black Youth with Mental Health Concerns using Electronic Health Records"

8. American Academy of Child and Adolescent Psychiatry (AACAP) 2024 Annual Meeting, Seattle WA, Oct 2024.
   - "Characteristics of Black and White Children and Youth With Suicide Attempts in New York City From 2016 to 2023"

7. 11$^{\text{th}}$ Annual Thomas R. Ten Have Symposium on Statistics in Mental Health, New York, NY, Jun 2024.
   - "Adverse Childhood Experiences, Mental Health Disorders, and Suicidality in Youth: A Moderated Mediation Analysis"

6. Suicide Research Symposium (SRS), Virtual, Apr 2024.
   - "Trends of Risk Factors for Black Youth Suicidality in the US From 1991 to 2021"

5. Suicide Research Symposium (SRS), Virtual, Apr 2023.
   - "Factors Associated With Black Youth Suicidality"

4. Joint Statistical Meetings (JSM), Virtual, Aug 2021.
   - "Overall AUC for Survival Models"

3. American Medical Informatics Association (AMIA) 2020 Annual Symposium, Virtual, Nov 2020.
   - "Healthcare Contacts Among Patients with Psychiatric Hospitalization Admitted Through the Emergency Department"

2. Joint Statistical Meetings (JSM), Virtual, Aug 2020.
   - "EHR Phenotyping of Depressed Patients: A Hierarchical Bayesian Latent Variable Modeling Approach"

1. Joint Statistical Meetings (JSM), Denver, CO, Jul 2019.
   - "Overlapping Activity Patterns and Community Detection in Ecological Networks"

Posters

23. "Neighborhood-Level Social Determinants of Suicidality in Youth with Schizophrenia: An EHR-Based Study"
    - AcademyHealth Annual Research Meeting (ARM), Minneapolis, MN, Jun 2025.
    - American Psychiatric Association (APA) Annual Meeting, Los Angeles, CA, May 2025.
    - Suicide Research Symposium (SRS), Virtual, Apr 2025.

22. "Racial Differences in Trends in the Association between Adolescent Substance Use and Suicidality"
    - AcademyHealth Annual Research Meeting (ARM), Minneapolis, MN, Jun 2025.
    - Suicide Research Symposium (SRS), Virtual, Apr 2025.

21. "Characterizing Temporal Trends in the Association Between Substance Use and Suicidality and Current Substance Use Behaviors Among U.S. Adolescents"
    - American Psychiatric Association (APA) Annual Meeting, Los Angeles, CA, May 2025.

20. "Characteristics of Black and White Children and Youth with Suicide Attempts in New York City, 2016-2023"
    - AcademyHealth Annual Research Meeting (ARM), Baltimore, MD, Jun-Jul 2024.

19. "Association of Past-Year Mental Health and Substance Use Disorders With Intentional or Unintentional Drug Poisoning"
    - AcademyHealth Annual Research Meeting (ARM), Baltimore, MD, Jun-Jul 2024.

18. "Implementing a Centralized Multi-Hospital Telepsychiatry Consultation Service for Acute Care Settings: Impact on Quality and Safety"

- Quality in Care Symposium, New York, NY, May 2024.

17. "Using Machine Learning to Optimize Triaging of Patients Evaluated by a Telepsychiatry Consultation-Liaison Service"
    - American Psychiatric Association (APA) Annual Meeting, New York, NY, May 2024.

16. "Trends of Risk and Protective Factors for Black Youth Suicidality in the US From 1991 to 2019"
    - Advances in Mental Health and Psychiatry, Paris, France & Online, Sep 2023.

15. "Quality and Safety Outcomes Pre- and Post-Implementation of a Centralized Multi-Hospital Telepsychiatry Consultation Service for Acute Care Settings"
    - American Psychiatric Association (APA) Annual Meeting, San Francisco, CA, May 2023.

14. "Effects of Geography on Risk for Suicidal Ideation and Suicide Attempts Among Commercially Insured Children and Youth in the United States"
    - The American Academy of Child and Adolescent Psychiatry and Canadian Academy of Child and Adolescent Psychiatry (AACAP/CACAP) Annual Meeting, Toronto, Canada, Oct 2022.

13. "Demographic and Clinical Factors Associated With Reassignment to In-Person Psychiatric Evaluation in a Centralized Multi-Hospital Telepsychiatry Consultation Service for Acute Care Settings"
    - 22nd WPA World Congress of Psychiatry (WCP), Bangkok, Thailand & Online, Aug 2022.

12. "Comparison of Demographic Characteristics and Trends in Healthcare Utilization and Spending Among Commercially Insured US Adults With and Without an Eating Disorder Diagnosis"
    - 22nd WPA World Congress of Psychiatry (WCP), Bangkok, Thailand & Online, Aug 2022.

11. "Impact of Geographic Regions on Risk Factors for Suicidal Ideation and Suicide Attempts Among Commercially Insured US Adults Following an Outpatient Psychiatric Encounter"
    - 22nd WPA World Congress of Psychiatry (WCP), Bangkok, Thailand & Online, Aug 2022.

10. "An Overall Measure of the Predictive Accuracy of Survival Models"
    - 9th Annual Thomas R. Ten Have Symposium on Statistics in Mental Health, New York, NY, June 2022.

9. "Trends in Suicidal Thoughts and Behaviors and Substance Use Among U.S. Youth From 1991 to 2019"
    - 9th Annual Thomas R. Ten Have Symposium on Statistics in Mental Health, New York, NY, June 2022.
    - American Psychiatric Association (APA) Annual Meeting, New Orleans, LA, May 2022.
      - Media Coverage: https://www.medpagetoday.com/meetingcoverage/apa/98931

8. "Impact of US Regions on Risk Factors for Suicidal Ideation and Suicide Attempt Among Commercially Insured Youth With an Outpatient Psychiatric Visit"
    - American Psychiatric Association (APA) Annual Meeting, New Orleans, LA, May 2022.

7. "Impact of US Geographical Regions on Risk Factors for Suicidal Ideation and Suicide Attempt"
    - IASR/AFSP International Summit on Suicide Research, Virtual Conference, Oct 2021.

6. "Impact of Social Disparities on Risk Factors for Suicidal Ideation and Suicide Attempt Among Commercially Insured Youth and Adults in the US"
    - IASR/AFSP International Summit on Suicide Research, Virtual Conference, Oct 2021.

5. "Impact of Socioeconomic Disparities on Risk Factors for Suicidal Ideation and Suicide Attempt"
    - 21st WPA World Congress of Psychiatry (WCP), Virtual Congress, Oct 2021.

4. (*Cancelled due to COVID-19*) "Using Claims Data to Study Patterns of Healthcare Contacts Among Mental Health Patients With Inpatient Emergency Department (ED) Visits"

- American Psychiatric Association (APA) Annual Meeting, Philadelphia, PA, Apr 2020.

3. "Bayesian Non-Negative Matrix Factorization for Analyzing Co-Location Networks"
   - International Conference on Mathematics of Data Science (ICMDS), Old Dominion University, Norfolk, VA, Nov 2018.
     - Received the Best Presentation Award
   - Joint Statistical Meetings (JSM), Vancouver, Canada, Aug 2018.
   - OSU/CCF/CWRU Joint Biostatistics Symposium, Columbus, OH, Apr 2018.

2. "Bayesian Co-Location Networks: Construction, Privacy Concerns, and Latent Structure Identification"
   - Privacy in Graphs (PiG) Workshop, UC Santa Cruz, Santa Cruz, CA, Nov 2018.

1. "Comparing the Statistical Power of Analysis of Covariance after Multiple Imputation and the Mixed Model in Testing the Treatment Effect for Pre-Post Studies with Loss to Follow-Up"
   - OSU/CCF/CWRU Joint Biostatistics Symposium, Cleveland, OH, Apr 2015.
   - ENAR 2015 Spring Meeting, Miami, FL, Mar 2015.

MEDIA COVERAGE

1. Dual Therapy for Depression; Ties Between Illicit Drug Use and Youth Suicidality – A round-up of noteworthy research from the American Psychiatric Association meeting
   - https://www.medpagetoday.com/meetingcoverage/apa/98931

TEACHING EXPERIENCE

Weill Cornell Medicine

- Course Director
  - HBDS 5018   Data Science I   Autumn 2022 – Autumn 2024
- Instructor
  - HBDS 5020   Big Data in Medicine
    * Module II: Big administrative data for healthcare   Spring 2024 – Spring 2025
- Guest Speaker
  - SYSEN 5610   Introduction to the US Healthcare System, Data, and Interoperability
    * Claims data from the Health Care Cost Institute (HCCI)   Autumn 2024
  - CTIV 5030   Advanced Statistical Methods for Observational Studies
    * Complex Survey Analysis   Spring 2022 – Spring 2025
    * Analysis Methods for Pre-Post Studies with Missing Post-Test Data   Spring 2022

MENTORING EXPERIENCE

Weill Cornell Medicine

- Adriel Strickland, Jacob Parquet, *WCM Biostatistics Summer Internship Program*   Summer 2024
- Yijia Sun, Zhuoran Li, *WCM 2024 Summer Capstone Project*   Summer 2024
- Xueqing Zhou, *Former MS Student*   Autumn 2022 – Autumn 2023
- Peizi Wu, *Former MS Student*   Autumn 2022 – Summer 2023
- Sydney Dingxin Lu, *Former MS Student*   Summer 2022 – Spring 2023
- Jiaqi Fan, Dingxin Lu, Harshani Natarajan, *WCM 2022 Summer Capstone Project*   Summer 2022
- Michael Hennig, *Lab Intern*   Summer 2021 – Spring 2022
- Aishwarya Gandhe, *Lab Intern*   Autumn 2020
- Isata Diallo, *WCM-CUNY Big Data to Biomedical Informatics (BD2BMI)*   Autumn 2020
- Yuqi Liu, Yanru Heng, Tianchen Liu, *WCM 2020 Summer Capstone Project*   Summer 2020

HONORS AND AWARDS

The Ohio State University

- Travel Fund for the PiG Workshop 2018 ($1,200) — Nov 2018
- Best Poster Presentation at ICMDS 2018 — Nov 2018
- Travel Fund for ICMDS 2018 ($500) — Nov 2018
- Dr. Gary G. Koch and Mrs. Carolyn J. Koch Fellowship — Aug 2018 – Aug 2019
- Delta Omega — Since May 2015

University of Science and Technology of China

- Early Graduate School Admission With the National Postgraduate Entrance Examination (NPEE) Waived — Oct 2009

Northwest Normal University

- Provincial "Three-Good" Student Honor — Jun 2009
- National Encouragement Scholarship — Nov 2008
- University "Three-Good" Student Honor — Nov 2008
- University Learning Excellence Scholarship — Nov 2008, 2009
- University Good Morality Scholarship — Nov 2007, 2008

SERVICES

Committees

- *Education Officer*, American Statistical Association Mental Health Statistics Section — Since 2024

Grant Reviews

- *Biostatistics Specialist Reviewer*, Department of Defense (DoD) Congressionally Directed Medical Research Program (CDMRP) — FY 2024-2025
- *Grant Reviewer*, American University of Sharjah Faculty Research Grant 2020 (FRG20) — FY 2019

Journal Reviews

- *European Journal of Investigation in Health, Psychology and Education*
- *European Psychiatry*
- *Discover Social Science and Health*
- *JAMA Network Open*
- *Healthcare*
- *Adolescents*
- *Psychiatry International*
- *Children*
- *BMC Health Services Research*
- *European Journal of Scientific Research and Reviews*
- *F1000Research*
- *PeerJ*
- *International Journal of Surgery*
- *International Journal of Health Geographics*
- *Journal of Adolescent Health*
- *PLOS One*
- *Applied Clinical Informatics*
- *JAACAP Open*
- *Frontiers in Public Health*
- *BMC Public Health*
- *Journal of the American Academy of Child and Adolescent Psychiatry (JAACAP)*
- *IEEE Access*
- *International Journal of Mental Health Systems*
- *Annals of the American Association of Geographers*

- *Journal of the American Medical Directors Association*

Conference Reviews

- *American Medical Informatics Association (AMIA) 2022 Annual Symposium*
- *American Medical Informatics Association (AMIA) 2022 Clinical Informatics Conference (CIC)*
- *American Medical Informatics Association (AMIA) 2021 Annual Symposium*
- *American Medical Informatics Association (AMIA) 2021 Clinical Informatics Conference (CIC)*
- *American Medical Informatics Association (AMIA) 2020 Annual Symposium*

Conferences

- *Judge*, ENAR Student Poster Competition   Mar 2025
- *Chair*, ENAR Contributed Papers: Dynamic Approaches to Longitudinal Data Analysis and Modeling

                                                                               Mar 2025
- *Chair*, JSM Invited Session: Digital Phenotyping   Aug 2020
- *Chair*, ENAR Contributed Papers: Statistical Methods for Genomics   Mar 2015

The Ohio State University

- *Member*, College of Public Health Excellence in Teaching Award Committee   Spring 2018, 2019
- *Panelist*, Graduate School Survival Skills   Autumn 2018

CERTIFICATES

- Suicide Prevention Program REACH© Training (OSU)   Autumn 2018
- Diversity and Implicit Bias Training (OSU)   Spring 2018
- Teaching Certificate (High School Math in China)   Spring 2010
- Intel Future Oriented Teaching Diploma (China)   Autumn 2007

PROFESSIONAL SKILLS

Software	R (tidyverse, NIMBLE, GIS, Shiny, doParallel), SAS, Stata, JMP, Minitab, LaTeX, SQL
System	UNIX/Linux, macOS, Windows

PROFESSIONAL MEMBERSHIP

- International Network of Early Career Researchers in Suicide and Self-harm (netECR)   Since 2023
- American Psychological Association (APA)   2022
- Institute of Mathematical Statistics (IMS)   2019-2022
- American Statistical Association (ASA)   Since 2018
- Delta Omega   Since 2015