CURRICULUM VITAE

Shanshan Wang
PhD Candidate
Department of Population & Community Health
School of Public Health
University of North Texas Health Science Center
3500 Camp Bowie Blvd, Fort Worth, TX 76107
Email: ShanshanWang@my.unthsc.edu
ResearchGate: www.researchgate.net/profile/Shanshan-Wang-85
Twitter: @ShanshanWang9
LinkedIn: www.linkedin.com/in/research-shanshan-wang

EDUCATION

2020-2025 (Expected)	**PhD in Public Health Sciences, Epidemiology** Department of Population & Community Health, School of Public Health University of North Texas Health Science Center Fort Worth, Texas, USA GPA: 3.9/4
2022	**Post-Master's Education Program, Artificial Intelligence Applications for Health Data** Brown School at Washington University in St. Louis St. Louis, Missouri, USA
2017-2020	**Master of Internal Medicine (Endocrinology and Metabolism)** Ruijin Hospital, Shanghai Jiaotong University, School of Medicine, Shanghai, China (note: Ruijin Hospital's Department of Endocrinology and Metabolism ranks first in the endocrinology category on China's Best Hospitals list.) GPA: 3.6/4
2012-2017	**Bachelor of Medicine** Nanjing Medical University Nanjing, China GPA: 4/4 (note: I achieved the second highest GPA among a cohort of 333 medical students.)

HONORS AND AWARDS

2022-2024	Student travel award from the Public Health Student Government Association (PHSGA), University of North Texas Health Science Center, Texas, United States (5 times) (fund AAIC 2024, SLEEP 2024, APHA 2023, AAIC 2023, and AAHB 2022)
2024	2024 Outstanding Research Publication Award, University of North Texas Health Science Center, Texas, United States
2023	Travel award from Advances in Statistical and Computational Methods for Analysis of Biomedical, Genetic, and Omics Data Conference 2023 (ABGOD2023), Texas, United States
2017-2019	Student Scholarship, Shanghai Jiaotong University School of Medicine, China (3 times)
2017	China National Scholarship, China
2017	Medical Internship Scholarship of Nanjing Medical University, China
2013-2016	Student Scholarship of Nanjing Medical University, China (4 times)

RESEARCH EXPERIENCE

2023-2025	Health and Aging Brain Study-Health Disparities (HABS-HD) *Description of Project:* The HABS-HD study is a multiethnic study on examining health disparities in AD among Latinos, African Americans, and non-Hispanic Whites. *Responsibilities and Roles:* Graduate Research Assistant, data analyses, paper writing. *Outcomes:* two poster presentations at national/international conferences, doctoral dissertation
2022-2024	Health impacts of the Russia-Ukraine war *Description of Project:* The project aimed to investigate the prevalence of mental health disorders, sleep disturbances, cold injuries, and hospital functions, as well as associated factors among Ukrainians one year after Russia's full-scale invasion. Data were collected using online surveys. *Responsibilities and Roles:* Graduate Research Assistant, study design, data analyses, data interpretation, and paper writing. *Outcomes:* Two first-author manuscripts and multiple co-author manuscripts, two oral presentations and one poster presentation at national/international conferences
2021-2024	Class projects using secondary data *Description of Project:* Completed four class projects using secondary data from the National Health and Nutrition Examination Survey (NHANES), the Centers for Medicare & Medicaid Services (CMS), and the Surveillance, Epidemiology, and End Results (SEER) 17 registries

	research database. These projects were part of scientific writing, epidemiology, and biostatistics courses. Research topics included sleep health, mental health, e-cigarette use, opioid prescription, and breast cancer survival. *Responsibilities and Roles:* data analyses, data interpretation, and paper writing. *Outcomes:* Four first-author manuscripts, five poster presentations at national/international conferences
2019-2020	Blood Pressure Control Target in Diabetes (BPROAD) clinical trials. *Description of Project:* The BPROAD Project is a multicenter, open-label, parallel-group, randomized controlled trial conducted across mainland China. The trial started in 2019 and was planned to recruit 12,702 patients from about 200 hospitals within the China Diabetes Clinical Research Network. *Responsibilities and Roles:* Graduate Research Assistant, survey pretests, data collection (using the computer-assisted survey). *Outcomes:* One co-author correspondence published in Lancet Diabetes & Endocrinology; Good Clinical Practice (GCP)
2017-2020	Shanghai Songnan Cohort Study. *Description of Project:* Shanghai Songnan Cohort Study was designed to investigate the risk factors of metabolic diseases. The study had 10,185 participants aged 40 years or older recruited from Songnan Community, Baoshan District, Shanghai, China. The baseline study was conducted between 2008 and 2009 and the 9-year follow-up study was conducted in 2018. *Responsibilities and Roles:* Graduate Research Assistant, data collection (using the computer-assisted survey) and analyses, paper writing. *Outcomes:* One first-author manuscript in Chinese
2017-2020	Shanghai Jiading Cohort Study. *Description of Project:* Shanghai Jiading Cohort Study was designed to examine the cardiometabolic health of Chinese adults. A total of 10,375 community residents aged 40 years or older living in Jiading District, Shanghai, China, were recruited at baseline in 2010, and followed up during 2014 and 2015. *Responsibilities and Roles:* Graduate Research Assistant, data analyses, paper writing. *Outcomes:* One first-author manuscript; master's thesis

TEACHING ASSISTANT EXPERIENCE

2024	Graduate Teaching Assistant, Principles of Biostatistics, Fall 2024, University of North Texas Health Science Center
2023	Graduate Teaching Assistant, Principles of Biostatistics, Fall 2023, University of North Texas Health Science Center
2021	Graduate Teaching Assistant, Principles of Biostatistics, Fall 2021, University of North Texas Health Science Center

PROFESSIONAL MEMBERSHIP

The International Society to Advance Alzheimer's Research and Treatment (ISTAART)
The Sleep Research Society (SRS)
The Society for Epidemiologic Research (SER)

PROFESSIONAL SERVICE

Referee for the following Journals
1. Heliyon
2. Nature and Science of Sleep
3. Frontiers in Medicine

Abstract Reviewer
1. The Society for Epidemiologic Research (SER) 2024 Annual Meeting
2. American Public Health Association (APHA) 2024 Annual Meeting

PEER REVIEWED PUBLICATIONS

Publication summary and metrics

	First author	Co-author	Total	Impact factor (2024)	Category
The Lancet Diabetes & Endocrinology		1	1	44.0	Q1
JAMA Health Forum		1	1	9.5	Q1
BMJ Global Health		1	1	7.1	Q1
Sleep	1		1	5.3	Q1
Journal of affective disorders	1		1	4.9	Q1
Psychiatry Research	1		1	4.2	Q1

Sleep Medicine	1		1	3.8	Q1
Psychosomatic Medicine	1		1	2.9	Q1
Journal of Diabetes	1		1	3.0	Q2
Other journals	2	3	5		
Total	**8**	**6**	**14**		

Complete List of Published Work in My Bibliography:
https://www.ncbi.nlm.nih.gov/myncbi/shanshan.wang.4/bibliography/public/

Peer-reviewed publications (* = Corresponding author). Total peer-reviewed publications: 14; In journals with impact factor≥4: 6 (42%); First authored: 8 (57%); H-index: 5

1. **Wang S,** Hicks MH-R, Barrett E, Martsenkovskyi D, Holovanova I, Marchak O, Ishchenko L, Fiedler N, Haque U. Sleep duration, insomnia and associated factors among Ukrainians one year after Russia's full-scale invasion. Psychosomatic Medicine. 2024. doi: 10.1097/PSY.0000000000001337.
2. **Wang S,** Barrett E, Hicks MH, Martsenkovskyi D, Holovanova I, Marchak O, Ishchenko L, Haque U, Fiedler N. Associations between mental health symptoms, trauma, quality of life and coping in adults living in Ukraine: A cross-sectional study a year after the 2022 Russian invasion. Psychiatry Res. 2024;339:116056. Epub 20240626. doi: 10.1016/j.psychres.2024.116056. PubMed PMID: 38968918.
3. Haque U, Bukhari MH, Fiedler N, **Wang S,** Korzh O, Espinoza J, Ahmad M, Holovanova I, Chumachenko T, Marchak O, Chumachenko D, Ulvi O, Sikder I, Hubenko H, Barrett ES. A Comparison of Ukrainian Hospital Services and Functions Before and During the Russia-Ukraine War. JAMA Health Forum. 2024;5(5):e240901-e. doi: 10.1001/jamahealthforum.2024.0901.
4. **Wang S,** Rossheim ME, Nandy RR, Nguyen U-S. Interaction between sleep duration and trouble sleeping on depressive symptoms among U.S. adults, NHANES 2015-2018. Journal of affective disorders. 2024;351:285-92. doi: https://doi.org/10.1016/j.jad.2024.01.260.
5. **Wang S,** Nandy RR, Rossheim ME. Associations between e-cigarette use and sleep health among adults in the United States, NHANES 2015–2018. Sleep Medicine. 2024;114:220-8. doi: https://doi.org/10.1016/j.sleep.2024.01.005.
6. Zhdan V, Holovanova I, **Wang S**, Obrevko N, Korneta O, Bielikova I, Kaidashev I, Haque U, Khorosh M, Popovich I. Analysis of behavioral factors and level of anxiety of schoolchildren in the conditions of the Russian-Ukrainian war. The Medical and Ecological Problems. 2023;27(5-6):51-8. doi: 10.31718/mep.2023.27.5-6.07.
7. An R, Yang Y, Yang F, **Wang S**. Use prompt to differentiate text generated by ChatGPT and humans. Machine Learning with Applications. 2023;14:100497. doi: https://doi.org/10.1016/j.mlwa.2023.100497.
8. An R, **Wang S.** Assessing the longitudinal relationship between whole egg consumption and cognition in Chinese older adults. Nutrition and Health. 2023. doi: 10.1177/02601060231186648.
9. **Wang S**, Rossheim ME, Nandy RR. Trends in prevalence of short sleep duration and trouble sleeping among US adults, 2005-2018. Sleep. 2023;46(1). Epub 2022/09/25. doi: 10.1093/sleep/zsac231. PubMed PMID: 36152031.

10. Haque U, Naeem A, **Wang S**, Espinoza J, Holovanova I, Gutor T, Bazyka D, Galindo R, Sharma S, Kaidashev IP, Chumachenko D, Linnikov S, Annan E, Lubinda J, Korol N, Bazyka K, Zhyvotovska L, Zimenkovsky A, Nguyen UDT. The human toll and humanitarian crisis of the Russia-Ukraine war: the first 162 days. BMJ Glob Health. 2022;7(9). Epub 2022/09/28. doi: 10.1136/bmjgh-2022-009550. PubMed PMID: 36167408; PMCID: PMC9511605.

11. Zheng R, Xu Y, Niu J, Wu S, Li M, Lu J, **Wang S**, Xu Y, Wang W, Bi Y, Ning G. Type 2 diabetes RCTs in mainland China: insights from a systematic review. The lancet Diabetes & endocrinology. 2021;9(2):64-6. Epub 2020/12/29. doi: 10.1016/S2213-8587(20)30404-6. PubMed PMID: 33357489.

12. **Wang S**, Niu J, Zhao Z, Xu M, Lu J, Li M, Wang T, Chen Y, Wang S, Dai M, Zheng R, Zhu Y, Wang W, Ning G, Bi Y, Xu Y. Detection of diabetes and prediabetes using glycosylated hemoglobin in Chinese adults living in Shanghai: A prospective analysis. J Diabetes. 2020;12(8):573-82. Epub 2020/03/03. doi: 10.1111/1753-0407.13028. PubMed PMID: 32119184.

13. **Wang S**, Li L, Zheng R, Li M, Xu Y. Research status on calorie restriction on glucose metabolism in patients with type 2 diabetes [Chinese]. Chin J Endocrinol Metab. 2019 March; 35(3):254-258. doi: 10.3760/cma.j.issn.1000-6699.2019.03.013

14. **Wang S**, Zhou Y, Hu L, Niu J, Wang T, Li M, Zhao Z, Xu Y, Lu J, Xu M, Bi Y, Ni H. The correlation between different fat distribution indices and dyslipidemia in middle-aged population in Shanghai [Chinese]. J Diagn Concepts Pract. 2019; 18(2):177-182. doi: 10.16150/j.1671-2870.2019.02.011

MANUSCRIPTS IN REVISION

1. **Wang S,** Rossheim ME, Walters ST, Nandy RR, Northeim K. Geographic Trends in Overall and Long-acting Opioid Prescriptions under Medicaid and Medicare Part D in the United States, 2013-2021

2. Holovanova I, Havlovsky O, **Wang S**, Korneta O, Khorosh M, Kaydashev I, Robinson R, Haque U. Doctors' Satisfaction with the System of Rehabilitation of Participants in the anti-terrorist operation

MANUSCRIPTS UNDER REVIEW

--

MANUSCRIPTS IN PREPARATION

1. **Wang S,** Nguyen Uyen-Sa, Hall JR, Petersen M, O'Bryant SE, Nandy RR. The effect of comorbidities on Alzheimer's disease/cognition by race/ethnicity and the mediating role of AD pathologies measured by blood biomarkers

SCIENTIFIC CONFERENCE PRESENTATIONS

Oral Presentations	2
Poster presentations	8

Oral Presentations
1. **Wang S.** Mental health and quality of life among Ukrainians: one year after Russia's full-scale invasion. American Public Health Association (APHA) Annual Meeting; November 12, 2023; Atlanta, GA. (Oral, presenter)
2. Haque U, **Wang S.** Russia-Ukraine War: Potential Prospective Studies. Medicine of Five Continents Conference; May 25, 2023; Virtual. (Oral, co-presenter)

Poster presentations
3. **Wang S,** Nguyen Uyen-Sa, Hall JR, Petersen M, O'Bryant SE, Nandy RR. The effect of comorbidities on Alzheimer's disease/cognition by race/ethnicity and the mediating role of AD pathologies measured by blood biomarkers. Alzheimer's Association International Conference 2024; July 31, 2024; Philadelphia, Pennsylvania. (Poster, presenter)
4. **Wang S,** Rossheim ME, Nandy RR, Nguyen U-S. Interaction between sleep duration and trouble sleeping on depressive symptoms among U.S. adults, NHANES 2015-2018. SLEEP Annual Meeting; June 5, 2024; Houston, Texas. (Poster, presenter)
5. **Wang S,** Hicks M, Barrett E, Martsenkovskyi D, Holonova I, Marchak O, Ishchenko L, Fiedler N, Haque U. Sleep duration, insomnia and associated factors among Ukrainians one year after Russia's full-scale invasion. SLEEP Annual Meeting; June 3, 2024; Houston, Texas. (Poster, presenter)
6. **Wang S,** Rossheim ME, Walters ST, Nandy RR, Northeim K. Geographic Trends in Overall and Long-acting Opioid Prescribing Rates under Medicaid and Medicare Part D in the United States, 2013-2021. American Academy of Health Behavior (AAHB) Annual Meeting; April 15, 2024; Savannah, Georgia. (Poster)
7. **Wang S**, Hall JR, Petersen M, O'Bryant SE, Nandy RR. The diagnostic performance of plasma amyloid β, total tau and neurofilament light chain levels in mild cognitive impairment and Alzheimer's disease dementia: the Health & Aging Brain among Latino Elders study. Alzheimer's Association International Conference 2023; July 16-20, 2023; Amsterdam, Netherlands. (Poster, presenter)
8. **Wang S**, Nandy RR. Differences in breast cancer survival by molecular subtypes and race/ethnicity in the United States. Advances in Statistical and Computational Methods for Analysis of Biomedical, Genetic, and Omics Data (ABGOD2023); March 17, 2023; Richardson, Texas. (Poster, presenter)
9. **Wang S**, Nandy RR, Rossheim ME. Associations between e-cigarette use and sleep health among adults in the US, NHANES 2015-2018. American Academy of Health Behavior (AAHB) Annual Meeting; March 12, 2023; San Francisco, California. (Poster)
10. **Wang S**, Rossheim ME, Nandy RR. Trends in prevalence of short sleep duration and trouble sleeping among US adults, 2005-2018. American Academy of Health Behavior (AAHB) Annual Meeting; March 15, 2022; Key Largo, Florida. (Poster, presenter)