

## CURRICULUM VITAE

Haocen Wang, PhD, RN

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### EDUCATION

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PhD	University of Wisconsin-Madison	2019
MS	School of Nursing, Shanghai Jiao Tong University, China	2014
BS	School of Nursing, Shanghai Jiao Tong University, China	2011

### PROFESSIONAL EXPERIENCE

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2022-present	Assistant professor, Purdue University, School of Nursing
2019-2022	Postdoctoral Research Associate, Texas A&M University, Department of Health and Kinesiology

### PEER-REVIEWED PUBLICATIONS (# Data-Based)

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#### Published

1. # **Wang, H.**, Page, R., Lopez, D., Arkatkar, S., Martinez, D., Robbins-Furman, P., Montalvo-Liendo, N., Chen, L. (2022). Pregnant Latinas' views of adopting exome sequencing into newborn screening: A qualitative study. *Genetics in Medicine*, S1098-3600(22)00741-9. <https://doi.org/10.1016/j.gim.2022.04.012>
2. # Zhang, Z., Kramer, J., **Wang, H.**, Chen, W. J., Huang, T. Y., Chen, Y. J., ... & Chen, L. S. (2022). Attitudes toward pursuing genetic testing among parents of children with autism spectrum disorder in Taiwan: A qualitative investigation. *International Journal of Environmental Research and Public Health*, 19(1), 118. <https://doi.org/10.3390/ijerph19010118>
3. Wu, K.L., Alegria R., Gonzalez J., Hu, H., **Wang, H.**, Furman P, Ma, P, Tseng, T.S. & Chen, L.S. (2021). Characteristics and quality of mobile applications containing prenatal genetic testing information: An assessment. *JMIR mHealth and uHealth*, 9(10), e30404. <http://doi.org/10.2196/30404>
4. # **Wang, H.**, & King, B. (2021). Understanding community-dwelling Chinese older adults' engagement in physical activity: A grounded theory study. *The Gerontologist*, gnab069. <https://doi.org/10.1093/geront/gnab069>
5. # Chen, W. J., Zhang, Z., **Wang, H.**, Tseng, T. S., Ma, P., & Chen, L. S. (2021). Perceptions of Autism Spectrum Disorder (ASD) etiology among parents of children with ASD. *International Journal of Environmental Research and Public Health*, 18(13), 6774. <https://doi.org/10.3390/ijerph18136774>
6. # Yang, R., Xu, D., **Wang, H.**, & Xu, J. (2021). Longitudinal trajectories of physical functioning among Chinese older adults: The role of depressive symptoms, cognitive functioning, and subjective memory. *Age and Ageing*, 50(5),1682-1691. <https://doi.org/10.1093/ageing/afab135>
7. # Young, C., **Wang, H.**, Martinez, D., Chen, W.J., Page R., Robbins-Furman, P., Montalvo-Liendo, N. & Chen, L.S. (2021). Rural, low-income, pregnant Latina women's perspectives on

carrier screening. *Obstetrics & Gynecology*, 138(1), 106-107.  
<http://doi.org/10.1097/AOG.00000000000004412>

8. # Yang, R., **Wang, J.**, Wang, H., Tracy, E. L., & Tracy, C. T. (2020). A cross-lagged model of depressive symptoms and mobility disability among middle-aged and older Chinese adults with arthritis. *Geriatrics & Gerontology International*, 20(10), 873-877.  
<https://doi.org/10.1111/ggi.13993>
9. # **Wang, H.**, Yeh, Y. L, Li, M., Ma, P., Kwok, O. M., & Chen, L.S. (2020). Effects of family health history-based colorectal cancer prevention education among non-adherent Chinese Americans to colorectal cancer screening guidelines. *Patient Education and Counseling*, 104(5), 1149-1158. <https://doi.org/10.1016/j.pec.2020.10.005>
10. # Yang, R., **Wang, H.**, Tracy, E. L., Edelman, L. S., Demiris, G., & Donaldson, G. W. (2020). Loneliness as a mediator of the impact of social isolation on cognitive functioning of Chinese older adults. *Age and Ageing*, 49(4),599-604. <https://doi.org/10.1093/ageing/afaa020>
11. # Yang, R., Pepper, G., **Wang, H.**, Liu, T., Wu, D., & Jiang, Y.. (2019) The mediation role of power distance and face saving on nurses' fear of medication error reporting: A cross-sectional survey. *International Journal of Nursing Studies*. 103494.  
<https://doi.org/10.1016/j.ijnurstu.2019.103494>
12. Kuo, W. C., Bratzke, L. C., Oakley, L. D., Kuo, F., **Wang, H.**, & Brown, R. L. (2019). The association between psychological stress and metabolic syndrome: A systematic review and meta-analysis. *Obesity Reviews*, 20(11), 1651-1664. <https://doi.org/10.1111/obr.12915>
13. # Yang, R., Liu, Y., **Wang, H.**, & Du, Y. (2019) Leisure-time daily walk and blood pressure among Chinese older adults: Evidence from the China Health and Retirement Longitudinal Study (CHARLS). *Research in Gerontological Nursing*, 12(5), 248-258.  
<https://doi.org/10.3928/19404921-20190702-01>
14. # Yang, R., Tracy, E. L., & **Wang, H.** (2018). Longitudinal associations of depressive symptoms, subjective memory decline, and cognitive functioning among Chinese older adults: Between-person and within-person perspective. *Archives of Gerontology and Geriatric*, 8, 105-110.  
<https://doi.org/10.1016/j.archger.2018.12.001>
15. # King, B., Steege, L., Brown, R., Kuo, F., & **Wang, H.** (2018) Ambulation patterns post discharge in older adults identified as fall risk: A descriptive pilot study. *Research in Gerontological Nursing*, 12(3), 113-119. <https://doi.org/10.3928/19404921-20190131-01>
16. Gao, C., Zhou, L., Liu, Z., **Wang, H.**, & Bowers, B. (2017). Mobile application for diabetes self-management in China: Do they fit for older adults?. *International Journal of Medical Informatics*, 101, 68-74. <https://doi.org/10.1016/j.ijmedinf.2017.02.005>
17. # Yan Q., Zhang, Y., Wu, J., & **Wang, H.** (2016). Development and psychometric test of Nurse Organizational Innovation Climate Scale. *Chinese Journal of Nursing*, (2), 243-247.
18. # Wang, L., Tao, H., Bao, L., **Wang, H.**, Qian, Y., & Zhang, Y. (2015). The development of the Nurse Performance Scale. *Chinese Journal of Practical Nursing*, 31(1): 19-22.

19. # Qian, Y., Zhang, Y., **Wang, H.**, & Bao, L. (2014). Qualitative study on experience of clinical nurses towards organizational innovation climate. *Journal of Shanghai Jiaotong University (Medical Science)*, 34(9): 1263-1267.
20. # **Wang, H.**, Qian, Y., & Zhang, Y. (2014). Adapting and validation of the survey of nurse perceived organizational support. *Chinese Nursing Management*, (6), 580-584.  
<https://doi.org/10.3969/j.issn.1672-1756.2014.06.007>
21. # **Wang, H.**, Bao, L., & Zhang, Y. (2013). Qualitative study on clinical nurses' perceived organizational support in Shanghai. *Journal of Shanghai Jiaotong University (Medical Science)*, 33(5): 579-583. [in Chinese]
22. # Bao L., Zhang, Y., Zhang, Y., **Wang, H.**, & Qian, Y. (2013). Status quo and influencing factors of innovative behavior of nurses. *Journal of Shanghai Jiaotong University (Medical Science)*, 33(5): 593-596.
23. **Wang, H.**, & Zhang, Y. Q. (2013). The application and research progress of perceived organizational support theory in nursing management. *Chinese Journal of Nursing*, (4):374-376.
24. # Bao L., Zhang, Y., W, J. & **Wang, H.** (2012). The association between structural empowerment and psychological empowerment among nurses. *Nursing Journal of Chinese People's Liberation Army*, (3):1-4.
25. # **Wang, H.**, Wu, J. M., Zhang, Y. Q., & Hu, Y. (2012). Nursing graduates' clinical competences of Shanghai Jiaotong University: A follow-up study. *Nursing Journal of Chinese People's Liberation Army*, (9):1-4.

## **PRESENTATIONS**

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### **Conference Presentations - International**

1. **Wang, H.**, King, B. A review of physical activity interventions with cultural adaptation for adults. Podium presentation at the 21<sup>st</sup> East Asian Forum of Nursing Scholars, Seoul, Korea, January 2018.
2. **Wang, H.**, King, B. Physical activity engagement among urban-dwelling Chinese older adults: A grounded theory study (Preliminary results). Poster presentation at the International Association of Gerontology and Geriatrics 2017 conference, San Francisco, CA, July 2017.
3. **Wang, H.**, Zhang, Y. The effect of empowerment and perceived organizational support on hospital registered nurses' innovative behavior. The 2014 US-SINO FORUM hosted by Duke University School of Nursing, NC, March, 2014.

### **Conference Presentations - National**

1. **Wang, H.**, Benitez, G., Page, R., Murphey, C., Lin, H., Tseng, T., Chen, L.. Evaluation of a mobile app in promoting high-risk pregnant women's prenatal genetic testing decision making: A randomized control trial. Podium presentation at the American Public Health Association 2022 Annual Meeting, Boston, November 2022.

2. **Wang, H.**, Assoumou, B., Yeh, Y., Zhang, Z., Ma, P., Chen, L.. Empowering Chinese Americans' stomach cancer prevention: A community health worker-provided, family health history-based intervention program. Podium presentation at the American Public Health Association 2022 Annual Meeting, Boston, November 2022.
3. **Wang, H.**, Assoumou, B., Yeh, Y., Zhang, Z., Ma, P., Chen, L.. A family health history-based, community health worker-provided breast cancer prevention program for Chinese Americans: Evaluation Report. Poster presentation at the American Public Health Association 2022 Annual Meeting, Boston, November 2022.
4. Chang, E., Brooks, E., Dotson, L., Buentello B., Tedross, M., Kramer, J., **Wang, H.**, Martinez, D, Page, R., Montalvo-Liendo, N., & Chen, L. Whole exome sequencing: Pregnant Latinas' perspectives on disclosure of preventable and medically actionable adult-onset genetic findings to their children. Poster presentation at the American Academy of Health Behavior 2022 Annual Meeting, Virtual Conference, March 2022.
5. Yeh, Y.L. , **Wang, H.**, Zhang, Z., Xiang, P., & Chen, L.S. Effect of community health worker-delivered family history-based colorectal cancer prevention among Chinese Americans. Podium presentation at the American Public Health Association 2021 Annual Meeting, Virtual Conference, October 2021.
6. Chang, E., Villarreal, A., Tseng A., Bruckner. C., **Wang, H.**, Martinez, D., Page R., Montalvo-Liendo, N., & Chen, L. Disclosing whole-exome sequencing results to minors: Perspectives from low-income pregnant Latina women. Poster presentation at the 2021 American College of Medical Genetics Annual Clinical Genetics Meeting, Virtual Conference, April 2021.
7. Cano, K., Chen, L.S., **Wang, H.**, Hafner, A. & Wang J.. Knowledge and use of BRCA genetic testing among Chinese and non-Hispanic White breast cancer survivors. Poster presentation at the 2021 American College of Medical Genetics Annual Clinical Genetics Meeting, Virtual Conference, April 2021.
8. Bruckner, C., **Wang, H.**, Page, R., Lopez, D., Arkatkar, S., Young, C., Martinez, D., Robbins-Furman P., Montalvo-Liendo, N., & Chen, L.S. Whole exome sequencing for newborns: Pregnant Latina's viewpoints. Poster presentation at the American Academy of Health Behavior 2021 Annual Meeting, Virtual Conference, March 2021.
9. Lin, L.Y., Chang, Y.H., Huang, J.Y., **Wang, H.**, & Chen, L.S. Genomics training needs assessment among preschool special education teachers. Podium presentation at the 2020 Professional Development for Educators Annual Meeting, Taichung, Taiwan, December 2020.
10. **Wang, H.**, Young, C., Martinez, D., Page, R.L., Montalvo-Liendo, N. & Chen, L.S. Low-income rural Latina pregnant women's knowledge and attitudes toward pan-ethnic carrier screening. Poster presentation at the American Public Health Association 2020 Annual Meeting, Virtual Conference, October 2020.
11. **Wang, H.**, Chen, W.J., Yeh, Y.L., Martinez, D. & Chen, L.S. The effectiveness of a cancer family history online training program for community health workers in Texas. Podium presentation at the American Public Health Association 2020 Annual Meeting, Virtual Conference, October 2020.

12. Zhang, Z., **Wang, H.**, Young, C., Martinez, D., Page, R., Montalvo-Liendo, N., & Chen, L.S. Attitudes toward non-invasive prenatal screening among Hispanic pregnant women in rural Texas. Poster presentation at the American Society of Human Genetics 2020 Annual Meeting, Virtual Conference, October 2020.
13. Chen, L.S., Zhang, Z., **Wang, H.**, Young, C., Martinez, D., Page, R., & Montalvo-Liendo, N. A qualitative study of rural low-income pregnant Hispanic women's perspectives on expanded carrier screening. Podium presentation at the American Society of Human Genetics 2020 Annual Meeting, Virtual Conference, October 2020.
14. Wu, K.L., Alegria, R., Gonzalez, J., Hu, H., **Wang, H.**, & Chen, L.S. The features and quality of prenatal genetic testing mobile applications: A systematic review. Poster presentation at the American Public Health Association 2020 Annual Meeting, Virtual Conference, October 2020.
15. Chen, L.S., Yeh, Y.L., & **Wang, H.** Effectiveness of the family history-based personalized risk consultation for CRC prevention among Chinese Americans. Podium presentation at the American Public Health Association 2020 Annual Meeting, Virtual Conference, October 2020.
16. Chen, L.S., **Wang, H.**, Yeh, Y.L., Li, M., Ping, M., & Kwok, O.M. Effectiveness of the FHH-based CRC prevention workshops among Chinese Americans. Poster presentation at the 2020 American College of Medical Genetics Annual Clinical Genetics Meeting, Virtual Conference, May 2020.
17. Chen, L.S., Young, C., **Wang, H.**, Martinez, D., Page, R. & Montalvo-Liendo, N. Low-income, rural, Latina pregnant women's views and experiences of carrier screening: A qualitative study. Poster presentation at the 2020 American College of Medical Genetics Annual Clinical Genetics Meeting, Virtual Conference, May 2020.
18. Li, M., Yeh, Y.L., **Wang, H.**, Ma, P., Kwok, O. & Chen, L.S. The effectiveness of the family health history-based colorectal cancer prevention workshop on the adoption of fecal occult blood testing among Chinese Americans. 20<sup>th</sup> American Academy of Health Behavior Annual Scientific Meeting, Napa Valley, CA, March 2020. (conference canceled)
19. **Wang, H.**, & King, B. Perceived Physical Literacy for Chinese Elderly Questionnaire development: Preliminary validity and reliability. Poster presentation at the Gerontological Society of America 2019 Annual Scientific Meeting, Austin, TX, November 2019.
20. Yang, R., **Wang, H.**, Tracy, E. L., Edelman, L. S., Sward, K., Demiris, G., & Donaldson, G. How are social isolation and loneliness related to cognitive functioning among Chinese older adults?. Poster presentation at the Gerontological Society of America 2019 Annual Scientific Meeting, Austin, TX, November 2019.
21. **Wang, H.**, & King, B. The using of cognitive interviewing in questionnaire development among Chinese older adults. Poster presentation at the Gerontological Society of America 2018 Annual Scientific Meeting, Boston, MA, November 2018.

22. **Wang, H.**, Yang, R., & Tracy, E. L. Longitudinal associations of depression, subjective memory, and cognitive functioning among Chinese elderly. Poster presentation at the Gerontological Society of America 2018 Annual Scientific Meeting, Boston, MA, November 2018.
23. **Wang, H.**, Babino, C., Kuo, W., Gretebeck, R., & Gretebec, K. Functional ability and physical activity in urban African American and rural White older adults. Poster presentation at the American College of Sport Medicine 2017 conference, Denver, CO, June 2017.

**Conference Presentations - Regional**

1. **Wang, H.**, & King, B.. Using of cognitive interviewing in questionnaire development among Chinese older adults. Poster presentation at the 43<sup>rd</sup> Annual MNRS Research Conference, Kansas City, MO, March 2019.
2. **Wang, H.** A scoping review of the influence of interpersonal relationships on elderly far-east Asian’s physical activity. Poster presentation at the 40<sup>th</sup> Annual MNRS Research Conference, Milwaukee, WI, March 2016.
3. **Wang, H.**. The study of nurses’ perceived organizational support and its impacts. Poster presentation at the 2<sup>nd</sup> CMB China Nursing Network Graduate Forum, Shanghai, China, June 2014.

**Other Scholarly Presentations**

1. **Wang, H.** Genetic testing in prenatal care and newborn screening, and the role of nurse in genetics/genomics. Podium presentation at the Virtual Lecture by Oversea Scholars, Shanghai Jiaotong University, School of Nursing, December 2021.
2. **Wang, H.** Exploring physical activity engagement among urban community-dwelling Chinese older adults: A grounded theory study (preliminary results). Podium presentation University of Wisconsin-Madison, School of Nursing Research colloquia, May 2017.
3. **Wang, H.** A systematic review of physical activity interventions with cultural adaptation. Podium presentation at the University of Wisconsin-Madison, School of Nursing Research colloquia, November 2016.

**AWARDS AND SCHOLARSHIPS**

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2020	New Presenter Award, American Public Health Association, Genomics Forum
2019	Post-Doctoral Research Travel Grant, Texas A&M University

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**PROFESSIONAL SERVICE**

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2021-present	Program Co-chair, Genomics Forum, American Public Health Association
2020-2021	Membership Communications Chair, Genomics Forum, American Public Health Association
2020-2021	Guest speaker, Asian Culture and Education Society USA
2020-2021	Team member, Family Health History Group, National Human Genome Research Institute
2018-2019	Equity, Diversity, and Inclusion Committee member, University of Wisconsin-Madison School of Nursing

**Academic Journal Reviewer**

International Journal of Environmental Research and Public Health

Research in Gerontological Nursing

Patient Education and Counseling

Experimental Gerontology

BMC Geriatrics

Journal of Gerontology: Social Sciences

Medicines

Journal of Immigrant and Minority Health

**PROFESSIONAL MEMBERSHIPS**

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2020-present American Public Health Association

2017-present The Gerontological Society of America

2015-present Sigma Theta Tau International