

Curriculum Vitae Yang Wang

Bio

I am a psychologist with expertise in pain and placebo research. Specifically, my background and interests focus on three aspects:

1. Examining the relationship between sleep, expectations, and pain.
2. Exploring clinical phenotypes and psychophysiological responses related to placebo/nocebo effects in chronic pain and healthy participants.
3. Developing AI empowered mHealth tools

Contact

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Employment History

2022.12 – present **Assistant Professor**, Department of Pain and Translational Symptom Science, School of Nursing University of Maryland Baltimore, Baltimore, MD

2021.12 – 2022.12 **Research Staff Scientist**, Department of Pain and Translational Symptom Science, School of Nursing University of Maryland Baltimore, Baltimore, MD

2018.08-2021.12 **Post-doctoral Researcher**, Department of Pain and Translational Symptom Science, School of Nursing University of Maryland Baltimore, Baltimore, MD

Education

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| 2017 | PhD Psychology, Southwest University, China |
| 2014 | MA Psychology, Southwest University, China |
| 2010 | BA English, China University of Political Science and Law, China |

Service

Journals reviewer – Molecular Psychiatry □ Pain □ Journal of Pain □ Psychological Science □ Pain Reports □ Scientific Report □ Frontiers in Psychiatry □ Frontiers in Pain Research □ Brain Topography □ Cognitive, Affect, and Behavioral Neuroscience □ Journal of Psychiatry Research

Teaching experience

- 2022-2026.Spring – **Grant proposal writing** University of Maryland School of Nursing
2025.Fall – **Predictions modeling** University of Maryland School of Nursing (Guest Lecture)
2025.Spring - **Pathway Analysis: Examples Using Expectations, Appraisal, and Coping in Pain** University of Maryland School of Nursing (Guest Lecture)
2024.Fall - **Mechanisms of the placebo effect in chronic pain: New answers from experimental studies** University of Maryland School of Nursing (Guest Lecture)
2024.Spring – **Pragmatic Research** University of Maryland School of Nursing (Guest Lecture)

2022.Spring – Biostats Evidence-Based Practice (CEQ 4.45) University of Maryland School of Nursing

Grant

R21 DE032532

Co-Investigator

2022-2024

Secondary Analysis and Integration of Existing Data Related to Chronic Orofacial Pain and Placebo Effects

NIDA "Start a SUD Start Up" Challenge Prize Award. \$10,000

MPIs: Akintola, Colloca, Wang

2024

Award

Summer 2024 Research Facilitation Grant Award, Biology and Behavior Across the Lifespan Center. (May 17, 2024).

Second Runner-Up, G.F. Gebhart Journal of Pain Young Investigator Award United States Association for the Study of Pain (USASP), 2025

Main Publications (first author, last author, and corresponding author)

1. Colloca, G., Han, A., Rezwana, J., **Wang, Y.*** DockTales: Empathic and reflective mHealth design for chronic pain and sleep disturbance. In Proceedings of the 25th International Conference on Human-Computer Interaction (HCII 2026): Human-Centered Design, Operation and Evaluation of Mobile Communications (MOBILE 2026). Springer. (*Corresponding author)
2. Raghuraman N, Duan E, Massalee R, **Wang Y.*** Subjective Sleep Quality Predict Clinical Pain Severity More Strongly Than Polysomnographic Parameters: Machine Learning Findings from a Cross-Sectional Study. Sleep Medicine. 2025 Dec 27:108753. (*Corresponding author)
3. Westbrooks F, Colloca L, Titilola A, **Wang Y.*** Cyclical Changes in Sleep and Pain in Temporomandibular Disorders. The Journal of Pain. 2025 April 1; 29: 105298. (*Corresponding author)
4. Colloca L, Han A, Massalee R, Raghuraman N, Cundiff-O'Sullivan RL, Colloca G, **Wang Y.*** Telehealth virtual reality intervention reduces chronic pain in a randomized crossover study. NPJ Digit Med. 2025 Apr 7;8(1):192. PMID: 40195556; PMCID: PMC11976909. (*Corresponding author)
5. **Wang Y**, Aaron R, Attal N, Colloca L. An update on non-pharmacological interventions for pain relief. Cell Rep Med. 2025 Feb 18;6(2):101940. doi: 10.1016/j.xcrm.2025.101940. PMID: 39970872; PMCID: PMC11866493.

6. **Wang Y***, Varghese J*, Muhammed S, Lavigne G, Finan P, Colloca L. Clinical Phenotypes Supporting the Relationship Between Sleep Disturbance and Impairment of Placebo Effects. *The Journal of Pain*. 2024 Mar 1;25(3):819-31 (*equal contribution).
7. Yin M, Muhammed SA, **Wang Y***, Colloca L. Yoga and massage are associated with small experimental placebo effects in chronic orofacial pain. *Eur J Pain*. 2023 Aug;27(7):816-830. doi: 10.1002/ejp.2111. Epub 2023 Mar 30. PMID: 36932918; PMCID: PMC11001249. (*Corresponding author)
8. **Wang Y**, Chan E, Dorsey SG, Campbell CM, Colloca L. Who are the placebo responders? A cross-sectional cohort study for psychological determinants. *Pain*. 2022 Jun 1;163(6):1078-90.
9. Colloca L, Thomas S, Yin M, Haycock NR, **Wang Y**. Pain experience and mood disorders during the lockdown of the COVID-19 pandemic in the United States: an opportunistic study. *Pain Reports*. 2021 Sep;6(3).
10. Colloca L, Akintola T, Haycock NR, Blasini M, Thomas S, Phillips J, Corsi N, Schenk LA, **Wang Y**. Prior Therapeutic Experiences, Not Expectation Ratings, Predict Placebo Effects: An Experimental Study in Chronic Pain and Healthy Participants. *Psychotherapy and Psychosomatics*. 2020 Jun 3:1-8. <https://doi.org/10.1159/000507400>
11. Okusogu C*, **Wang Y***, Akintola T, Haycock NR, Raghuraman N, Greenspan JD, Phillips J, Dorsey SG, Campbell CM, Colloca L. Placebo hypoalgesia: racial differences. *PAIN*. 2020 Aug 1;161(8):1872-83. (*equal contribution as first author).doi: 10.1097/j.pain.0000000000001876
12. **Wang, Y***, Tricou, C*, Raghuraman, N, Akintola, T, Haycock, N, Blasini, M, ... & Colloca, L. (2019). Modeling learning patterns to predict placebo analgesic effects in healthy and chronic pain participants. *Frontiers in Psychiatry*, 11, 39. (*equal contribution). doi: 10.3389/fpsyg.2020.00039
13. **Wang Y**, Liu Y, Gozli D, Xiang YT, Jackson T. The N2pc Component as a Neural Index of Early Attention Allocation among Adults with Chronic Musculoskeletal Pain. *European Journal of Pain*. 2020 May 7.
14. Raghuraman, N*, **Wang, Y***, Schenk, L. A., Furman, A. J., Tricou, C., Seminowicz, D. A., & Colloca, L. (2019). Neural and behavioral changes driven by observationally-induced hypoalgesia. *Scientific Reports*, 9(1), 1-13. (*equal contribution)
15. **Wang, Y**, Liu, Z., Chen, S, Ye, X, Xie, W, Hu, C, ... & Jackson, T.(2018). Identifying at-risk subgroups for acute postsurgical pain: a classification tree analysis. *Pain Medicine*, 19(11), 2283-2295.
16. **Wang, Y**, Liu, Z, Chen, S, Ye, X, Xie, W, Hu, C., Iezzi, T, & Jackson, T. (2018). Pre-surgery pain beliefs as predictors of acute and chronic post-surgical pain. *International Journal of Surgery*, 52, 55-60.

17. Jackson, T, Su, L, & **Wang, Y.** (2018). Effects of higher versus lower threat contexts on pain-related visual attention biases: an eye-tracking study of chronic pain. *The Journal of Pain*, 19(6), 649-659.
18. Jackson, T, Su, L, & **Wang, Y.** (2018). Effects of higher versus lower threat contexts on pain-related attention biases: An eye-tracking study. *European Journal of Pain*, 22(6), 1113-1123.
19. **Wang, Y.**, Jackson, T, & Cai, L. (2016). Causal effects of threat and challenge appraisals on coping and pain perception. *European Journal of Pain*, 20(7), 1111-1120.
20. Jackson, T*, **Wang, Y***, & Fan, H. (2014). Associations between pain appraisals and pain outcomes: meta-analyses of laboratory pain and chronic pain literatures. *The Journal of Pain*, 15(6), 586–601. (*equal contribution)

Other publications (co-authors)

21. Rodrigues, Belina; Raghuraman, Nandini; Shafir, Roni; **Wang, Y**; Watson, Lakota; Cottam, James; Nabi, Mumtahana; Akintola, Titilola; Colloca, Luana*. Placebo and nocebo effects. *PAIN* 166(11S):p S111-S115, November 2025. | DOI: 10.1097/j.pain.0000000000003637
22. Shafir R, Watson L, Felix RB, Muhammed S, Fisher JP, Hu P, **Wang Y**, Colloca L. Factors influencing the hypoalgesic effects of virtual reality. *Pain*. 2025 Mar 4. doi: 10.1097/j.pain.0000000000003549. Epub ahead of print. PMID: 40043143.
23. Raghuraman N, Bedford T, Tran N, Haycock NR, **Wang Y**, Colloca L. The interplay between health disparities and acceptability of virtual reality: A survey study. *Cyberpsychology, Behavior, and Social Networking*. 2024 Dec 1;27(12):894-902.
24. Cundiff-O'Sullivan RL, **Wang Y**, Thomas S, Zhu S, Campbell CM, Colloca L. Individual dimensions of pain catastrophizing do not mediate the effect of sociodemographic and psychological factors on chronic orofacial pain severity, interference, and jaw limitation: A structural equation modeling approach. *The Journal of Pain*. 2023 Sep 1;24(9):1617-32.
25. Colloca L, Mocci E, **Wang Y**, Massalee R, Chen S, White J, Johnson K, Patron Fidalgo GM, Wilson GM, Goldman D, Dorsey SG. Transcriptomic Profiles Associated with Experimental Placebo Effects in Chronic Pain. *Clin Pharmacol Ther*. 2024 Aug;116(2):380-389. doi: 10.1002/cpt.3286. Epub 2024 May 6. PMID: 38711244; PMCID: PMC11251865.
26. Raghuraman, N., Clark, J. N., Watson, L., Bellei-Rodriguez, C.-E., Shafir, R., **Wang, Y.**, Colloca, L. (2024). Neuropsychological mechanisms of social observational learning in human placebo effects. *Psychopharmacology*.
27. Morris NA, **Wang Y**, Felix RB, Rao A, Arnold S, Khalid M, Armahizer MJ, Murthi SB, Colloca L. Adjunctive virtual reality pain relief after traumatic injury: a proof-of-concept within-person randomized trial. *Pain*. 2022 May 13:10-97.

28. Thomas S, **Wang Y**, Cundiff-O'Sullivan R, Massalee R, Colloca L. How negative and positive constructs and comorbid conditions contribute to disability in chronic orofacial pain. *European Journal of Pain*. 2023 Jan 1.
29. Colloca, L., Taj, A., Massalee, R., Haycock, N.R., Murray, R.S., **Wang, Y.**, McDaniel, E., Scalea, T., Fouche-Weber, Y. and Murthi, S., 2022. Educational intervention for management of acute trauma pain: A proof-of-concept study in post-surgical trauma patients. *Frontiers in Psychiatry*, p.1429.
30. Liu Y, **Wang Y**, Gozli DG, Xiang YT, Jackson T. Current status of the anger superiority hypothesis: A meta-analytic review of N2pc studies. *Psychophysiology*. 2021 Jan;58(1):e13700.
31. Smith, K., **Wang, Y.** and Colloca, L., 2022. Impact of Virtual Reality Technology on Pain and Anxiety in Pediatric Burn Patients: A Systematic Review and Meta-Analysis. *Frontiers in Virtual Reality*, p.160.
32. Colloca L, Raghuraman N*, **Wang Y***, Akintola T, Brawn-Cinani B, Colloca G, Kier C, Varshney A, Murthi S. Virtual reality: physiological and behavioral mechanisms to increase individual pain tolerance limits. *PAIN*. 2020 Sep 1;161(9):2010-21. (*equal contribution)
33. Olson EM, Akintola T, Phillipsc J, Blasini M, Haycock NR, Martinez PE, Greenspan JD, Dorsey SG, **Wang Y**, Colloca L. Effects of sex on placebo effects in chronic pain participants: a cross-sectional study. *Pain*. 2021 Feb 2;162(2):531.
34. Colloca, L, **Wang, Y**, Martinez, P. E, Chang, Y. P. C, Ryan, K. A, Hodgkinson, C., ... & Dorsey, S. G. (2019). OPRM1 rs1799971, COMT rs4680, and FAAH rs324420 genes interact with placebo procedures to induce hypoalgesia. *PAIN*, 160(8), 1824-1834.
35. Chen, S, Pu, J, Ye, X, **Wang, Y**, & Jackson, T. (2020). Factor structure, correlates, and incremental validity of the Pain Appraisal Inventory-Short Form. *Journal of Health Psychology*, 25(9), 1292-1302.
36. Liu, J. H, **Wang, Y**, & Jackson, T. (2017). Towards explaining relationship dissatisfaction in Chinese dating couples: Relationship disillusionment, emergent distress, or insecure attachment style? *Personality & Individual Differences*, 112, 42-48.
37. Jackson, T, Tian, P, **Wang, Y**, Iezzi, T, & Xie, W. (2016). Toward identifying moderators of associations between pre-surgery emotional distress and postoperative pain outcomes: a meta-analysis of longitudinal studies. *The Journal of Pain*, 17(8), 874-888.
38. Jackson, T, Wang, Y, **Wang, Y**, & Fan, H. (2014). Self-efficacy and chronic pain outcomes: a meta-analytic review. *The Journal of Pain*, 15(8), 800-814.
39. Gao, X, Li, X, Yang, X, **Wang, Y**, Jackson, T, & Chen, H. (2013). I can't stop looking at them: interactive effects of body mass index and weight dissatisfaction on attention towards body shape photographs. *Body Image*, 10(2), 191-199.

Book Chapters

Wang Y., Beebe, K., Latham, W., Putnam, L., Westendorp, J., Evers, A., Testa, M., Silber, D., Trost, Z., Colloca, G., Massalee, R., Colloca, L. A Glimpse of the Multiple Applications of Virtual Reality: Analgesia, Embodiment and Rehabilitation, Interactive Education and Communication. In Colloca, L., Seneviratne, C., Noel, J., Franklin, P.D., (Eds.). *Placebo Effects Through the Lens of Translational Research*. 1st ed. New York, NY: Oxford University Press; 2023.

Invited Talks

1. **Wang, Y** (2025). Managing expectations for improving clinical outcomes. Talk at the 5th international conference of the Society for Interdisciplinary Placebo Studies (SIPS), Krakow, Poland, June 16, 2025

2. **Wang, Y** (2024). Neuromodulation & Placebo with TMD and Virtual Reality. Invited talk at the American Academy of Craniofacial Pain (AACP), Indianapolis, United States, October 25, 2024
3. **Wang, Y** (2024). Nocebo Effects: Exploring Internal and External Factors in Fear-Avoidance and Social learning. Workshop at International Association Studies of Pain (IASP) World Congress, Amsterdam, the Netherlands, August 8, 2024
4. **Wang, Y** (2024). 2024 Science in Society Conference, "Sleep Disturbance and Impairment of Placebo Effects," Glenelg High School, Baltimore, MD, United States, February 2024
5. **Wang, Y** (2023). Sleep disturbance and impairments in placebo effects. Yangzhou University, Jiang Su Province, China, December 23, 2023.
6. **Wang, Y** (2023). Clinical Phenotypes Supporting the Relationship Between Sleep Disturbance and Impairment of Placebo Effects. Invited talk at the Canadian Pain Society (CPS) annual conference, Banff, Canada, May 11, 2023
7. **Wang, Y** (2022). The Intersection of Sleep and Pain: Mechanistic Implications for Opioid, Placebo, and Positive Affective Analgesia. Workshop at International Association Studies of Pain (IASP) World Congress, Toronto, Canada, Sep 23, 2022
8. **Wang, Y** (2022). Ted-like talk on placebo mechanisms and translational sciences. Invited talk at School of Nursing, University of Maryland Baltimore, Baltimore, US, Feb 3, 2022
9. **Wang, Y** (2021). Identifying placebo responders and non-responders: psychological determinants. Invited talk at Pain Publication Round (PPR), Beijing, China, Oct 29, 2021
10. **Wang, Y** (2021). Virtual Reality improves pain outcomes: Physiological mechanisms and clinical implications. Spotlight presentation at the Annual Society in Placebo Studies (SIPS) Conference on Placebo Studies, Baltimore, US, May 26, 2021
11. **Wang, Y** (2021). How variations in opioid receptor mu subunit *OPRM1* rs1799971, catechol-O-methyltransferase *COMT* rs4680, and fatty acid amide hydrolase *FAAH* rs324420 genes shape placebo hypoalgesia in chronic orofacial pain. Spotlight presentation at the Annual Society in Placebo Studies (SIPS) Conference on Placebo Studies, Baltimore, US, May 26, 2021

Conference Presentations

1. Han, Anna, Massalee, R, Raghuraman, N, **Wang, Y**. Feasibility and acceptability of open-label placebo for chronic-pain-related sleep disturbance: a free-choice trial. Poster presentation at the Johns Hopkins Sleep and Circadian Research Day, Baltimore, US, June 23, 2025 (Poster presentation award)

2. Westbrooks, F, Colloca, L, Akintola, T, **Wang Y.** Seasonal Variations in Sleep and Pain Among Individuals With Temporomandibular Disorder. Poster presentation at the Johns Hopkins Sleep and Circadian Research Day, Baltimore, US, June 23, 2025
3. **Wang, Y.**, Cundiff-O'Sullivan, R, Massalee, R, Colloca, L. Delaying the Administration of Open-label Placebo Reduced its Benefit: An Experimental Study. Poster presentation at the Annual Society in Placebo Studies (SIPS) Conference on Placebo Studies, Poland, June 16, 2025.
4. **Wang, Y.**, Muhammed, S, Duan, E, Cundiff O'Sullivan, R, Duarte, A, Colloca, L. Exercise Improves Sleep Quality in Chronic Pain Participants: Evidence from Actigraphy and Ecological Moment Assessment. Poster presentation at International Association Studies of Pain (IASP) World Congress, Amsterdam, the Netherlands, August 9, 2024.
5. **Wang, Y.**, Colloca, L., JHU Sleep and Circadian Research Day, "Continuous Vigorous Exercise Enhancing Sleep Quality in Chronic Pain: A Bayesian Belief Network Perspective," Poster presentation at the Johns Hopkins Sleep and Circadian Research Day, Baltimore, United States. (June 10, 2024).
6. Bellei-Rodriguez, C.-E., Raghuraman, N., Clark, J., Watson, L., Shafir, R., **Wang, Y.**, Colloca, L., Society for Social Neuroscience 2024 annual meeting, "Implicit racial bias moderates the impact of self-reported race/ethnicity on socially induced placebo analgesic effects," Tsukuba, Japan. March 27, 2024.
7. **Wang, Y.**, Colloca, L. Unraveling the Night: Machine Learning Approaches to Forecast Chronic Pain with Sleep Profiles. Poster presentation at the Johns Hopkins Sleep and Circadian Research Day, Baltimore, US, June 9, 2023
8. **Wang, Y.**, Varghese J., Muhammed, S., Colloca, L. From Clocks to Calendars: Exploring the Interplay of Sleep Disorders and Placebo Effects. Poster presentation at the Johns Hopkins Sleep and Circadian Research Day, Baltimore, US, June 9, 2023
9. White, J, **Wang, Y.**, Massalee, R., Colloca, L. Brain Structural Signatures in Placebo Responders with Temporomandibular Disorders. Poster presentation at the Annual Society in Placebo Studies (SIPS) Conference on Placebo Studies, Germany, 2023.
10. Cundiff-O'Sullivan, R., Raghuraman, N., **Wang, Y.**, Colloca, L. Religiosity is related to expectation but not placebo effects. Poster presentation at the Annual Society in Placebo Studies (SIPS) Conference on Placebo Studies, Germany, 2023.
11. Muhammed, S., Cundiff-O'Sullivan, R., Duarte, A., Colloca, L., **Wang, Y.** Exercise improves sleep in chronic pain patients: A feasibility interventional study with Ecological Momentary Assessment to capture long-term sleep patterns. Poster presentation at the Johns Hopkins Sleep and Circadian Research Day, Baltimore, US, June 9, 2023.
12. Massalee, R., Raghuraman, N., **Wang, Y.**, Colloca, L. The Impact of Immersive Virtual Reality on Pain Outcomes in Chronic Pain: A Randomized Controlled Cross-over Trial using Ecological Momentary Assessment. Poster presentation at the International Association Studies of Pain (IASP) World Congress, Toronto, Canada, Sep 23, 2022.
13. **Wang, Y.**, Raghuraman N., Massalee, R., Murthi, S., Vashney, A., Kier, C., Colloca, G., Colloca, L. (2021) Individual Placebo Analgesic responses predict Virtual Reality-induced Analgesia in a Cohort

- of Chronic Pain. Poster presentation at the Annual Society in Placebo Studies (SIPS) Conference on Placebo Studies, Baltimore, US, May 26, 2021.
14. Saunders, A., **Wang, Y.**, Colloca, L. Adverse Childhood Experiences, Development of Pain and Placebo Hypoalgesia. Annual Society in Placebo Studies (SIPS) Conference on Placebo Studies, Baltimore, US, May 26, 2021.
 15. **Wang, Y.**, Raghuraman N., Schenk L., Furman A., Tricou C, Seminowicz D., Colloca L. (2019). The influences of observational learning on pain perception and its neural correlates. Poster session presented at the Annual Society in Placebo Studies (SIPS) Conference on Placebo Studies, Leiden, The Netherlands, July 8, 2019.
 16. **Wang, Y.**, Jackson, T. (2018). The N2pc as a Neural Index for Attention Allocation and Future Pain Adjustment Among Chronic Pain Patients. (2018) Paper presentation. 2018 International Congress of Applied Psychology (ICAP 2018). Montréal, Québec, Canada, June 26 - 30, 2018.
 17. **Wang, Y.**, Jackson, T., Chen, H., Narduzzi, K. J., Jeffries, F., & Tsagarakis, C. Causal effects of stress appraisals on coping and pain perception. (2016) Poster presentation. 77th Annual Canadian Psychological Association Convention. Victoria, Canada. June 9, 2016.
 18. Jackson, T, Chen, H, Zheng, P, **Wang, Y** & Zaroff, C. (2016). Does drinking Coca-Cola affect neural responses to images of Coca-Cola?: fMRI studies of habitual and new cola drinkers. Paper presentation. 39th Annual ASSBI Brain Impairment Conference. Macau, China. Sept. 27, 2016.
 19. **Wang, Y.**, Cai, L, Jackson, T. (2015). Evaluating causal effects of challenge appraisal on pain perception and coping: An experimental study of healthy young women. Paper presentation. 18th Annual China Psychological Society Congress, Tianjin, China. October 16, 2015.
 20. **Wang, Y.**, Jackson, T. (2013). The impact of pain appraisals on experimentally-induced pain response: A meta-analysis. The 16th Annual China Psychological Society Congress, Guangzhou, China. December 3, 2013.

Trainings

Grant Training for Success: Two-Day Professional Grant Development. Grant Training Center, United States, September 11 to 12, 2024

Grant Writing with AI. Grant training Center, United States, October 17, 2024

Simultaneous EEG-fMRI: from theory to practice Atlanta, Georgia, USA. October 2nd – 4th 2023

Scientific findings dissemination

Interview – Physician's Weekly “Psychological Determinants of Placebo Responders in Pain” Aug, 2022

Technical Skills

Method: clinical TMD screening EEG psychophysics (EKG, SCR) eye-tracking fMRI

Programming: Matlab (EEGLAB, ERPLAB) R FSL

Mentoring Experiences

2024-present Francis Westbrooks, PhD student, UM School of Nursing

2023-present	James Cottam, PhD student, UM School of Medicine
2024-2025	Eric Duan, Research Assistant, UM School of Nursing
2023-2024	Emily Werthman, PhD student, UM School of Nursing
2022-2024	Salim Muhammed, Research Assistant, UM School of Nursing
2019-present	Rachel Massalee, Research Coordinator, UM School of Nursing
2018-2020	Titilola 'Lola' Akintola, PhD student, University of Maryland Baltimore
2018-2024	Nandini Raghuraman, PhD student, UM School of Nursing
2018-2022	Sharon Thomas, PhD student, UM School of Nursing

TO WHOM IT MAY CONCERN:

This is to certify that my curriculum vitae is a current and accurate statement of my professional record.

Signature and Date:



12/30/2025

Printed Name: Yang Wang