

**THE UNIVERSITY OF KENTUCKY
COLLEGE OF NURSING**

CURRICULUM VITAE

NAME: Jia-Rong Wu, PhD, RN

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PROFESSIONAL CREDENTIALS:

Credential	Dates	License/Certificate #
Registered Nurse, Kentucky	2021	License #: 1171257-Active
Registered Nurse, California	1993	License #: RN 496278-Inactive
Registered Nurse, North Carolina	2010	License #: 243191-Active
SafeZone Ally, UNC-CH	2011	
Lean Six Sigma-yellow and purple belt	2016	

EDUCATION:

<u>Degree</u>	<u>Institution and Location</u>	<u>Dates</u>	<u>Major</u>
Post-doctoral fellowship	University of Kentucky Lexington, KY	2007-2010	Nursing
PhD	University of Kentucky Lexington, KY	2004-2007	Nursing
MSN	University of Pennsylvania Philadelphia, PA	1991-1993	Nursing (Adult Health Clinical Nurse Specialist)
BSN	National Taiwan University Taipei City, Taiwan	1984-1988	Nursing

PROFESSIONAL EXPERIENCE:

ACADEMIC EMPLOYMENT:

<u>Institution or Firm</u>	<u>Position/Rank</u>	<u>Dates</u>
University of Kentucky	Associate Professor, Regular title	8/1/2020-present

University of North Carolina at Chapel Hill, School of Nursing Chapel Hill, NC	Associate Professor with tenure	2/24/2017-7/31/2020
University of North Carolina at Chapel Hill, School of Nursing Chapel Hill, NC	Assistant Professor	1/01/2011-2/23/2017
University of North Carolina at Chapel Hill, School of Nursing Chapel Hill, NC	Visiting Assistant Professor	7/01/2010-12/31/2010
University of Kentucky, College of Nursing Lexington, KY	Post-doctoral fellow	2007-2010
University of Kentucky, College of Nursing Lexington, KY	Research Assistant, Pre-doctoral fellow	2004-2007
Chang Jung Christian University, Department of Nursing Tainan County, Taiwan	Lecturer	2000-2004
Foo-Yin Institute of Technology, Department of Nursing Kaohsiung County, Taiwan	Lecturer	1996-2000 1993-1994
Chang Gung Nursing College Tao-Yuan County, Taiwan	Lecturer	1994-1995

OTHER EMPLOYMENT:

<u>Institution or Firm</u>	<u>Position/Rank</u>	<u>Dates</u>
Chi-Mei Hospital, Department of Nursing Tainan County, Taiwan	Head Nurse	1996-1996
National Taiwan University Hospital Taipei, Taiwan	Staff Nurse	1988-1991

MEMBERSHIPS AND POSITIONS HELD IN PROFESSIONAL ORGANIZATIONS

Organization	Role	Dates
American Nurse Association-North Carolina (ID# 78020752)	Member	2019-present
American Academy of Nursing	Fellow	2019-present
American Heart Association	Member	2005-present

Sigma Theta Tau, international	Member	1989-1997, 2018-present
Southern Nursing Research Society	Member	2005-2011, 2018-present
Asian American Pacific Islander Nurses Association and North Carolina chapter	Founding member	2018-2020
Asian American Pacific Islander Nurses Association 2018 annual conference	Vice-chair	2018
Heart Failure Society of America	Member	2007-2008, 2015-2017, 2022-present
Heart Failure Society of America	Program Committee Member	2015-2017
American Association of Heart Failure Nurses	Member	2006-2010
Taiwanese Nurses Association	Member	1988-2004

HONORS:

<u>Date</u>	<u>Honor</u>
2019	Fellow of American Academy of Nursing
2015	Fellow of American Heart Association
2009	American Heart Association Marie Cowan Promising Young Investigator Award
2009	Southern Nursing Research Society D. Jean Wood Nursing Research Award recipient
2007	American Heart Association Martha Hill New Investigator Award finalist
2007	Heart Failure Society of America Nursing Research Award finalist
2007	American Association of Heart Failure Nurses finalist
2007	University of Kentucky College of Nursing Student Scholarship Showcase: Best Doctoral Student Podium Presentation
2006	University of Kentucky Woman's Club Endowed Fellowship
2006	American Association of Heart Failure Nurses finalist

BIBLIOGRAPHY AND PRODUCTS OF SCHOLARSHIP:

Books and Chapters

Moser, D. K., Dracup, K., & **Wu, J. R.** (2011). Cardiac denial and delay in treatment for myocardial infarction. In R. Allan & J. Fisher (Eds). *Heart and mind: The practice of cardiac psychology*. 2nd Ed. Washington, DC: American Psychological Association, pp. 305-326.

Refereed Papers/Articles

(*date-based; †publication with student; ‡senior author)

1. ***Wu, J.R.**, Lin, C. Y., Hammash, M., & Moser, D.K. (in press). Heart Failure Knowledge, Symptom Perception, and Symptom Management in Patients with Heart Failure. *Journal of Cardiovascular Nursing*.
2. ***Wu, J.R.**, Song, E.K., Moser, D.K., & Lennie, T.A. (2022). Dietary Antioxidant Deficiency Is Associated with Increased Inflammatory Markers and Poorer Health related Quality of Life in Patients with Heart Failure. *Journal of Cardiovascular Nursing*. Online ahead of print.

3. *Chang, W-P, Hsiao-Mei Chen, H-M, **Wu, J.R.**, Hsiu-Ting Tsai, H-T, Chiung-Fang Ho, C-F, & Lin, Y-H (2022). Adverse effects of non-intubated airway suctioning: a clinical data-based study. *Journal of Clinical Nursing*. Online ahead of print.
4. *Salmoirago-Blotcher, E., Walaska, K., Trivedi, D., Dunsiger, S., Breault, C., Levin, D., **Wu., J.**, & Cohen, R. (2022). Mind Your Heart: Exploring Feasibility, Acceptability, and Preliminary Effects of Phone-Delivered Mindfulness Training on Medication Adherence in Outpatients With Chronic Heart Failure. *Journal of Cardiovascular Nursing*. PMID: in progress.
5. *Adegboyega, A., **Wu, J.R.**, & Mudd, G. (2022). Acculturation Strategies and Pap Screening Uptake among Sub-Saharan African Immigrants (SAls). *International Journal of Environmental Research and Public Health*, 2021, 18, 13204.
6. **Wu, J.R.** & Moser, D.K. (2021). Health Related Quality of Life Mediates the Relationship Between Medication Adherence and Cardiac Event-free Survival in Patients With Heart Failure. *Journal of Cardiac Failure*, Aug; 27(8):848-856. PMID: PMC9000523.
7. ***Wu, J.R.**, Mark, B., Knafl, G.J., Dunbar, S., Chang, P., & DeWalt, D. (2019). A multi-component, family-focused and literacy-sensitive intervention to improve medication adherence in patients with heart failure--A randomized controlled trial. *Heart & Lung*, 48(6):507-514. PMID: PMC6851458.
8. * Knafl, G.J., Moser, D.K., **Wu, J.R.**, & Riegel, B. (2019). Heart Failure Patient Discontinuation of ACE Inhibitors or Beta Blockers and Its Impact on Hospitalization Rates. *European Journal of Cardiovascular Nursing*. PMID: N/A.
9. ***Wu, J.R.**, Song, E.K., Moser, D.K., & Lennie, T.A. (2019). Dietary Vitamin C Deficiency Is Associated with Health-related Quality of Life and Cardiac Event-free Survival in Adults with Heart Failure. *Journal of Cardiovascular Nursing*, 34, 29-35. PMID: 30211815. PMID: PMC6283666.
10. †, ‡ Al-Noumani, H., **Wu, J.R.**, Barksdale, D., Sherwood, G., Alkhasawneh, E., & George Knafl, G. (2019). Health Beliefs and Medication Adherence in Patients with Hypertension: A Systematic Review of Quantitative Studies. *Patient Education and Counseling*, 102, 1045-1056. PMID: 30846205. PMID: N/A.
11. *, †, ‡ Al-Noumani, H., **Wu, J.R.**, Barksdale, D., George Knafl, G., Alkhasawneh, E., & Sherwood, G. (2018). Health Beliefs and Medication Adherence in Omanis With Hypertension. *Journal of Cardiovascular Nursing*, 33, 518-526. PMID: 30130358. PMID: PMC6179908.
12. ***Wu, J.R.**, Cummings, D.M., Li, Q., Hinderliter, A., Bosworth, H.B., Tillman, J., & DeWalt, D.A. (2018). The effect of a practice-based multicomponent intervention that includes health coaching on medication adherence and blood pressure control in rural primary care. *Journal of Clinical Hypertension*, 20, 757-764, PMID: 29577574. PMID: PMC5908743.
13. ***Wu, J.R.** & Moser, D.K. (2018). Medication Adherence Mediates the Relationship Between Heart Failure Symptoms and Cardiac Event-Free Survival in Patients with Heart Failure. *Journal of Cardiovascular Nursing*, 33(1), 40-46. PMID: 28591004, PMID: PMC5714687. (This paper was chosen by a nurse liaison to be highlighted in the American College of Cardiology (ACC.org) in Cardiology tab).
14. ***Wu, J.R.**, Song, E.K., Moser, D.K., & Lennie, T.A. (2018). Racial Differences in Dietary Antioxidant Intake and Cardiac Event-free Survival in Patients with Heart Failure. *European Journal of Cardiovascular Nursing*, 17(4), 305-313. PMID: 29384387. PMID: N/A.
15. *Song, E.K., **Wu, J.R.**, Moser, D.K., Kang, S.M., & Lennie, T.A. (2018). Vitamin D Supplements Reduce Depressive Symptoms and Cardiac Events in Heart Failure Patients with Moderate to Severe Depressive Symptoms. *European Journal of Cardiovascular Nursing*, 17(3), 207-216. PMID: 28829157. PMID: N/A.
16. *, †, ‡ Al-Noumani, H., **Wu, J.R.**, Barksdale, D., Alkhasawneh, E., George Knafl, G., & Sherwood, G. (2017). Relationship Between Medication Adherence and Health Beliefs Among Patients with Hypertension in Oman: Pilot study. *Sultan Qaboos University Medical Journal*, 17 (3), e329-333. PMID: 29062557. PMID: PMC5642364.

17. *, † Lekavich, C., Barksdale, D. J., **Wu, J. R.**, Neelon, V. J., Crandell, J., & Velazquez, E. J. (2017). Measures of ventricular-arterial coupling and incident heart failure with preserved ejection fraction: a matched case-control analysis. *Journal of Cardiac Failure*, 23 (9), 659-65. PMID: 28716687. PMCID: PMC5585062
18. ***Wu, J.R.**, Reilly, C.M., Holland, J., Higgins, M. Clark, P.C., & Dunbar, S. (2017). Relationship of health literacy of heart failure patients and their family members on heart failure knowledge and self-care. *Journal of Family Nursing*, 23(1), 116-137. PMID: 28795936. PMCID: N/A.
19. ***Wu, J.R.**, Lennie, T.A., & Moser, D.K. (2017). A prospective, observational study to explore health disparities in patients with heart failure-ethnicity and financial status. *European Journal of Cardiovascular Nursing*, 16, 70-78. PMID: 27013334. PMCID: N/A. 2016 Mar 24. pii: 1474515116641296.
20. ***Wu, J.R.**, Lennie, T.A., Dunbar, S., Pressler, S., & Moser, D.K. (2017). Does the Theory of Planned Behavior Predict Dietary Sodium Intake in Patients With Heart Failure? *Western Journal of Nursing Research*, 39, 568-581. PMID: 27756851. PMCID: N/A.
21. ***Wu, J.R.**, Lee, K.S., Dekker, R.D., Welsh, J.D., Song, E.K., Abshire, D.A., Lennie, T.A., & Moser, D.K. (2017). Pre-hospital delay, precipitants of admission, and length of hospital stay in patients with exacerbation of heart failure. *American Journal of Critical Care*, 26(1), 62-69. PMID: 27965231. PMCID: N/A.
22. *Cene, C., Halladay, J., Gizlice, Z., Donahue, K.E., Cummings, D.M., Hinderliter, A., Miller, C., Johnson, L.F., Garcia, B., Tillman, J., Little, E.P., Rachide, M.R., Keyserling, T.C., Ammerman, A., Zhou, H., **Wu, J.R.**, & DeWalt, D.A. (2017). A Multicomponent Quality Improvement Intervention to Improve Blood Pressure and Reduce Racial Disparities in Rural Primary Care Practices. *The Journal of Clinical Hypertension*, 19(4), 351-360. PMID: 27886435. PMCID: N/A.
23. *Hammash, M.H., Lennie, T.A., Crawford, T., Heo, S., Chung, M.L., Biddle, M.J., Dekker, R., **Wu, J.R.**, Rayens, M. K. & Moser, D.K. (2017). Depressive Symptoms: Mediator of Event-Free Survival in Patients With Heart Failure. *Western Journal of Nursing Research*, 39, 539-552. PMID: 27411977. PMCID: N/A.
24. *Lee, K.S., Lennie, T.A., Yoon, J.Y., **Wu, J.R.**, & Moser, D.K. (2017). Living Arrangements Modify the Relationship between Depressive Symptoms and Self-care in Patients with Heart Failure. *Journal of Cardiovascular Nursing*, 32(2), 171-179. PMID: 26938509. PMCID: PMC5010520.
25. *Katrina E., Donahue, K.E., Tillman, J., Halladay, J.R., Cené, C.W., Hinderliter, A., Cummings, D.M., Miller, C. Gizlice, Z., Garcia, B.A., **Wu, J.R.**, Quenum, E., Bosworth, H., Thomas C., Keyserling, T.C., and Darren DeWalt, D.A. (2016). Lessons learned from implementing health coaching in The Heart Healthy Lenoir Hypertension Study: Analysis using a RE-AIM framework. *Progress in Community Health Partnerships*, 10(4), 559-567. PMID: 28569681. PMCID: N/A.
26. *Cummings, D.M., **Wu, J.R.**, Cene, C., Halladay, J., Donahue, K.E. Hinderliter, A., Bosworth, H., Miller, C., Garcia, B., Tillman, J., & DeWalt, D.A. (2016). Perceived Social Standing, Medication Nonadherence, and Systolic Blood Pressure in the Rural South. *Journal of Rural Health*, 32, 156-163. PMID: 26334761. PMCID: PMC5019540.
27. ***Wu, J.R.**, Moser, D.K., DeWalt, D.A., Rayens, M.K., & Dracup, K. (2016). Health Literacy mediates the Relationship between Age and Health Outcomes in Patients with Heart Failure. *Circulation: Heart Failure* 9(1):e002250. PMID: 26721913. PMCID: PMC4698978.
28. ***Wu, J. R.**, Lennie, T.A., Frazier, S.K., & Moser, D.K. (2016). Health-related quality of life, functional status and cardiac event-free survival in patients with heart failure. *Journal of Cardiovascular Nursing*, 31, 236-244. PMID: 25774841. PMCID: PMC4568177.
29. *Lekavich, C., Barksdale, D. J., Neelon, V. J., & **Wu, J.R.** (2015). Heart Failure Preserved Ejection Fraction (HFpEF): An Integrated and Strategic Review. *Heart Failure Reviews*, 20, 643-53. PMID: 26404098. PMCID: N/A. (The first author was my PhD student. I was on her dissertation committee. This paper is one of the 3 manuscripts from the dissertation that I provided substantial comments/feedback to improve this paper.)

30. †, ‡ Shah, D., Simms, K., Barksdale, D.J., & **Wu, J.R.** (2015). Improving medication adherence for patients with chronic heart failure: Challenges and solutions. *Journal of Research Reports in Clinical Cardiology*, 6, 87-95. PMID: N/A. (The first and second authors were my master's students. I was their thesis chair and guided them from the idea to the end of thesis completion and also provided extensive feedback and editing on this paper.)
31. ***Wu, J. R.**, Song, E. K., & Moser, D. K. (2015). Type D Personality, Self-Efficacy, and Medication Adherence in Patients with Heart Failure—A mediation analysis. *Heart & Lung*, 44, 276-281. PMID: 25979573, PMCID: PMC4470745.
32. *Cené, C.W., Haymore, L., Lin F., Laux, J., Jones, C.D., **Wu, J.R.**, DeWalt, D.A., Pignone, M., & Corbie-Smith, G. (2015). Family Member Accompaniment to Routine Medical Visits is Associated with Better Self-Care in Heart Failure Patients. *Chronic Illness*, 11, 21-32. PMID: 24740555. PMCID: N/A.
33. *Lee, K.S., Lennie, T.A., **Wu, J.R.**, Biddle, M., & Moser, D.K. (2014). Depressive symptoms, health-related quality of life, and cardiac event-free survival in patients with heart failure: A mediation analysis. *Quality of Life Research*, 23, 1869-76. PMID: 24488573. PMCID: N/A.
34. *Moser, D.K., Lee, K. S., **Wu, J.R.**, Mudd-Martin, G., Jaarsma, T., Huang, T.Y., Fan, X.Z., Stromberg, A., Lennie, T.A., & Riegel, B. (2014). Identification of symptom clusters among patients with heart failure: An international observational Study. *International Journal of Nursing Studies*, 51, 1366-72. PMID: 24636665. PMCID: PMC414846.
35. ***Wu, J.R.** & Moser, D.K. (2014). Type D personality predicts poor medication adherence in patients with heart failure. *International Journal of Behavioral Medicine*, 21, 833-42. PMID: 24198039. PMCID: PMC4388325.
36. *Dekker, R.L., Lennie, T.A., Doering, L.V., Chung, M.L., **Wu, J.R.**, & Moser, D.K., (2014). Coexisting anxiety and depressive symptoms in patients with heart failure. *European Journal of Cardiovascular Nursing*, 13, 168-76. PMID: 24408885, PMCID: PMC3992982.
37. *Dekker, R.L., Moser, D.K., Tovar, E.G., Chung, M.L., Heo, S., **Wu, J.R.**, Dunbar, S.B., Pressler, S.J., & Lennie, T.A. (2014). Depressive symptoms and inflammatory biomarkers in patients with heart failure. *European Journal of Cardiovascular Nursing*, 13, 444-50. PMID: 24062026, PMCID: PMC3994172.
38. ***Wu, J.R.**, DeWalt, D.A., Baker, D.W., Schillinger, D., Ruo, B., Bibbins-Domingo, K., Macabasco-O'Connell, A., Holmes, G.M., Broucksou, K.A., Erman, B., Hawk, V., Cene, C.W., DeLong Jones, C., & Pignone, M. (2014). A single-item self-report medication adherence question predicts hospitalization and death in patients with heart failure. *Journal of Clinical Nursing*, 13, 2554-64. PMID: 24355060, PMCID: PMC4065236.
39. *Jones, C.D., Holmes, G.M., DeWalt, D.A., Erman, B., **Wu, J.R.**, Hawk, V., Cené, C.W., Broucksou, K., Baker, D.W., Schillinger, M.D., Ruo, B., Bibbins-Domingo, K., Macabasco-O'Connell, A., Pignone, M. (2014). Self-reported recall and daily diary-recorded measures of weight monitoring adherence: associations with heart failure-related hospitalization. *BMC Cardiovascular Disorders*, 31, 14:12. PMID: 24483776. PMCID: PMC3912256.
40. ***Wu, J.R.**, Holmes, G.M., DeWalt, D.A., Macabasco-O'Connell, A., Bibbins-Domingo, K., Ruo, B., Baker, D.W., Schillinger, D., Weinberger, M., Broucksou, K.A., Erman, B., Jones, C.D., Cene, C.W., & Pignone, M. (2013). Low literacy is associated with increased risk of hospitalization and death among individuals with heart failure. *Journal of General Internal Medicine*, 28, 1174-1180. PMID: 23478997. PMCID: PMC3744307.
41. ***Wu, J.R.**, Lennie, T.A., Dekker, R.L., Biddle, M., & Moser, D.K. (2013). Medication adherence, depressive symptoms, and cardiac event-free survival in patients with heart failure. *Journal of Cardiac Failure*, 19, 317-324. PMID: 23663814. PMCID: PMC3699198.
42. *Cené, C.W., Haymore, L.B., Dolan-Soto, D., Lin, F.C., Pignone, M., DeWalt, D.A., **Wu, J.R.**, Jones, C. D. (2013). Self-care confidence mediates the association between perceived social support and self-care maintenance in adults with heart failure. *Journal of Cardiac Failure*, 19, 202-210. PMID: 23482082. PMCID: PMC3596888.

43. ***Wu, J.R.**, Frazier, S.K., Rayens, M.K., Lennie, T.A., Chung, M.L., & Moser, D.K. (2013). Medication adherence, social support, and event-free survival in patients with heart failure. *Health Psychology, 32*, 637-646. PMID: 22746258. PMCID: PMC4057061.
44. *Eastwood, J.A., Moser, D.K., Riegel, B.J., Albert, N.M., Pressler, S., Chung, M.L., Dunbar, S., **Wu, J.R.**, & Lennie, T.A. (2012). Commonalities and differences in correlates of depressive symptoms in men and women with heart failure. *European Journal of Cardiovascular Nursing, 11*, 356-365. PMID: 22414584. PMCID: PMC4014068.
45. *Jones, C.D., Holmes, G.M., Dewalt, D.A., Erman, B., Broucksou, K., Hawk, V., Cene, C.W., **Wu, J.R.**, & Pignone, M. (2012). Is adherence to weight monitoring or weight-based diuretic self-adjustment associated with fewer heart failure-related emergency department visits or hospitalizations? *Journal of Cardiac Failure, 18*, 576-584. PMID: 22748492. PMCID: PMC3389375.
46. *Dewalt, D.A., Schillinger, D., Ruo, B., Bibbins-Domingo, K., Baker, D.W., Holmes, G.M., Weinberger, M., Macabasco-O'Connell, A., Broucksou, K., Hawk, V., Grady, K. L., Erman, B., Sueta, C.A., Chang, P.P., Cene, C.W., **Wu, J.R.**, Jones, C.D., & Pignone, M. (2012). Multisite randomized trial of a single-session versus multisession literacy-sensitive self-care intervention for patients with heart failure. *Circulation, 125*, 2854-62. PMID: 22572916. PMCID: PMC3400336.
47. ***Wu, J.R.**, Lennie, T.A., Chung, M.L., Frazier, S.K., Dekker, R.L., Biddle, M.J., & Moser, D.K. (2012). Medication adherence mediates the relationship between marital status and cardiac event-free survival in patients with heart failure. *Heart & Lung, 41*, 107-114. PMID: 22054720. PMCID: PMC3288268.
48. ***Wu, J.R.**, Corley, D.J., Lennie, T.A., & Moser, D.K. (2012). Effect of a medication-taking behavior feedback, theory-based intervention on outcomes in patients with heart failure. *Journal of Cardiac Failure, 18*, 1-9. PMID: 22196835. PMCID: PMC3246219.
49. *Dekker, R.L., Lennie, T.A., Albert, N.M., Rayens, M.K., Chung, M.L., **Wu, J.R.**, Song, E.K., & Moser, D.K. (2011). Depressive symptom trajectory predicts one-year health-related quality of life in patients with heart failure. *Journal of Cardiac Failure, 17*, 755-763. PMID: 21872146. PMCID: PMC3164519.
50. *Chung, M.L., Lennie, T.A., Dekker, R.L., **Wu, J.R.**, & Moser, D.K. (2011). Depressive symptoms and poor social support have a synergistic effect on event-free survival in patient with heart failure. *Heart & Lung, 40*, 492-501. PMID: 21453972. PMCID: PMC3129423.
51. *De Jong, M.J., Chung, M. L., **Wu, J.R.**, Riegel, B., Rayens, M.K., & Moser, D.K. (2011). Linkages between anxiety and outcomes in heart failure. *Heart & Lung, 40*, 393-404. PMID: 21453974. PMCID: PMC3149715.
52. ***Wu, J.R.**, Moser, D.K., Riegel, B., McKinley, S., & Doering, L.V. (2011). Impact of pre-hospital delay in seeking medical treatment on in-hospital complications after acute myocardial infarction. *Journal of Cardiovascular Nursing, 26*, 184-193. PMID: 21116191. PMCID: N/A.
53. *Lennie, T.A., Song, E.K., **Wu, J.R.**, Chung, M.L., Dunbar, S.B., Pressler, S.J., & Moser, D.K. (2011). Three gram sodium intake is associated with longer event-free survival only in patients with advanced heart failure. *Journal of Cardiac Failure, 17*, 325-330. PMID: 21440871. PMCID: PMC3073718.
54. ***Wu, J. R.**, Moser, D. K., De Jong, M., Rayens, M. K., Riegel, B., Chung, M., & Lennie, T. A. (2010). Rurality and event-free survival in patients with heart failure. *Heart & Lung, 39*, 512-520. PMCID: PMC3039282.
55. *Lee, K. S., Lennie, T.A., Riegel, B., Heo, S., **Wu, J. R.**, Chung, M. L., Rayens, M. K., & Moser, D.K. (2010). Symptom clusters in women and men with heart failure and their impact on cardiac event-free survival. *Journal of Cardiovascular Nursing, 25*, 263-272. PMID: 20539161. PMCID: N/A.
56. ***Wu, J. R.**, Lennie, T. A., De Jong, M., Frazier, S. K., Heo, S., Chung, M. L., & Moser, D.K. (2010). Medication adherence is a mediator of the relationship between ethnicity and event-

- free survival in patients with heart failure. *Journal of Cardiac Failure*, 16, 142-149. PMID: 20142026. PMCID: PMC2819978.
57. *Chung, M. L., Lennie, T. A., Riegel, B., **Wu, J. R.**, Dekker, R. L., & Moser, D. K. (2009). Marital status is an independent predictor of event-free survival of patients with heart failure. *American Journal of Critical Care*, 18, 562-570. PMID: 19880958. PMCID: PMC2813674.
 58. *Riegel, B., Driscoll, A., Suwanno, J., Moser, D. K., Lennie, T. A., Chung, M. L., **Wu, J. R.**, Dickson, V.V., Carlson, B., & Cameron, J. (2009). Heart failure self-care in developed and developing countries. *Journal of Cardiac Failure*, 15, 508-516. PMID: 19643362. PMCID: PMC2745342.
 59. ***Wu, J. R.**, Moser, D. K., Lennie, T. A., De Jong, M., Rayens, M. K., Chung, M. L., & Riegel, B. (2009). Defining an evidence-based cutpoint for medication adherence in heart failure. *American Heart Journal*, 157, 285-291. PMID: 19185635. PMCID: PMC2668834.
 60. ***Wu, J. R.**, Moser, D. K., Chung, M. L., & Lennie, T.A. (2008). Objectively measured, but not self-reported, medication adherence independently predicts event-free survival in patients with heart failure. *Journal of Cardiac Failure*, 14, 203-210. PMID: 18381183. PMCID: PMC2751635.
 61. ***Wu, J. R.**, Moser, D. K., Chung, M., & Lennie, T. A. (2008). Predictors of medication adherence using a multidimensional adherence model in patients with heart failure. *Journal of Cardiac Failure*, 14, 603-614. PMID: 18722327. PMCID: PMC2603618.
 62. ***Wu, J. R.**, Chung, M., Lennie, T. A. Hall, L. A., & Moser, D.K. (2008). Testing the psychometric properties of the medication adherence scale in patients with heart failure. *Heart & Lung*, 37, 334-343. PMID: 18790334. PMCID: PMC2796425.
 63. ***Wu, J. R.**, Moser, D. K., Lennie, T. A., Peden, A., Chen, Y. C., & Heo, S. (2008). Factors influencing medication adherence in patients with heart failure. *Heart & Lung*, 37, 8-16. PMID: 18206522. PMCID: N/A.
 64. **Wu, J. R.**, Moser, D. K., Lennie, T. A., & Burkhart, P. V. (2008). Medication adherence in patients with heart failure --- A review of the literature. *Nursing Clinics of North America*, 43, 133-153. PMID: 18249229. PMCID: N/A.
 65. *Chung, M. L., Lennie, T. A., De Jong, M., **Wu, J. R.**, Riegel, B., & Moser, D. K. (2008) Patients differ in their ability to self-monitor adherence to low sodium diet vs. medication. *Journal of Cardiac Failure*, 14, 114-120. PMID: 18325457. PMCID: N/A.
 66. *Chen, C. H., Wu, J. R., Yen, M., & Chen, Z. C. (2007). A model of medication taking behavior in elderly individuals with chronic disease. *Journal of Cardiovascular Nursing*, 22, 359-365. PMID: 17724416. PMCID: N/A.
 67. **Wu, J. R.**, Chen, C. H., & Yek, Y. L. (2002). Factors influencing medication compliance behaviors in elderly patients. *Chang-Gung Nursing*, 13, 166-174. PMCID: N/A.

Submitted (under review)

- * **Wu, J.R.**, Moser, D.K., Lin, C.Y., Chiang, A., & Riegel, B. (under review). Mediation by Depression and sleep quality of the relationship between race and quality of life among patients with heart failure—a serial multiple mediator model. *Sleep Health*.

Refereed other products of scholarship

Abstracts

1. **Wu, J.R.** & Moser (2021). Perceived Control, but not Health Literacy or Self-care Link Income Inequity and Health-related Quality of Life in Patients with Heart Failure. *Circulation*. 144, A9690.
2. **Wu, J.R.** & Moser, D.K. (2019). Health Related Quality of Life Mediates the Relationship Between

- Medication Adherence and Cardiac Event-free Survival in Patients With Heart Failure. *Circulation*. 140, A9670.
3. **Wu, J.R.**, Moser, D.K., & Lennie, T.A. (2018). Higher Anxiety and More Depressive Symptoms are Associated with Low Vitamin C Intake in Patients with Heart Failure. *Circulation*. 138, A12175.
 4. **Wu, J.R.**, Song, E.K., Moser, D.K., & Lennie, T.A. (2017). Dietary Antioxidant Deficiency Is Associated with Increased Inflammatory Markers and Poorer Health related Quality of Life in Patients with Heart Failure. *Circulation*. 136, A12351.
 5. Song, E.K., **Wu, J.R.**, Moser, D.K., & Lennie, T.A. (2017). Distinct Dietary Patterns Predicted Cardiac Event-free Survival in Patients With Heart Failure. *Circulation*. 136, A14009.
 6. **Wu, J.R.** & Mark, B. (2016). A Family-focused And Literacy-sensitive Intervention To Improve Medication Adherence In Patients With Heart Failure. *Circulation*. 134, A12038.
 7. **Wu, J.R.** & Moser, D.K. (2015). Medication Adherence Mediates the Relationship Between Heart Failure Symptoms and Cardiac Event-Free Survival in Patients with Heart Failure. *Circulation*. 132, A12651. *Circulation*. 132, A12651.
 8. **Wu, J.R.**, DeWalt, D.A., Hardin-Fanning, F., & Moser, D.K. (2014). Health Literacy, Adherence to Self-care Behaviors, and Ten-year Cardiovascular Disease Risk in Central Appalachian Residents. *Circulation*. 130, A12229.
 9. **Wu, J.R.**, Lennie, T.A., & Moser, D.K. (2013). Health Disparity in Patients With Heart Failure: Ethnicity and Financial Status. *Circulation*. 2013;128:A10682.
 10. Holmes, G.M., Macabasco-O'Connell, A., DeWalt, D.A., Broucksou, K.A., Hawk, V., Baker, D.W., Schillinger, D., Ruo, B., Bibbins-Domingo, K., Erman, B., Weinberger, M., Cene, C., Jones, C.D., **Wu, J.R.**, & Pignone, M. (2011). Low Literacy is Associated with Increased Risk of Hospitalization and Death Among Individuals with Heart Failure. *Circulation*. 2011;124:A10526.
 11. Dekker, R.L., Lennie, T.A., Chung, M.L., **Wu, J.R.**, & Moser, D.K. (2012). Depressive Symptoms are the Strongest Predictor of Anxiety Symptoms in Patients with Heart Failure. *Circulation*. 126, A14291.
 12. **Wu, J.R.**, Lennie, T.A., Dekker, R.L., Chung, M.L., & Moser, D.K. (2011). Depressive Symptoms and Medication Adherence have a Synergistic Effect on Cardiac Event-Free Survival in Patients with Heart Failure. *Circulation*. 124, A8741.
 13. **Wu, J.R.**, DeWalt, D.A., Baker, D.W., Schillinger, D., Ruo, B., Bibbins-Domingo, K., Macabasco-O'Connell, A., Holmes, G.M., Broucksou, K.A., Erman, B., Hawk, V., Cene, C.W., Jones, C.D., & Pignone, M. (2011). Single-Item Self-Report Medication Adherence Question Predicts Hospitalization and Death in Patients with Heart Failure. *Circulation*. 2011;124:A9578.
 14. Jones, C.D., Holmes, G.M., DeWalt, D.A., Erman, B., Broucksou, K.A., Hawk, V., **Wu, J.R.**, Cene, C.W., & Pignone, M. (2011). Is Suboptimal Adherence to Weight Monitoring and/or Weight-Based Diuretic Self-Adjustment Associated with Heart Failure-Related Emergency Department Visits or Hospitalizations? *Circulation*. 2011;124:A9185.
 15. Cene, C.W., Haymore, B., Dolon-Soto, D.R., Lin, F-C, Pignone, M., DeWalt, D., Broucksou, K., Hawk, V., DeLong, C., **Wu, J.R.**, & Corbie-Smith, G. (2011). Perceived Social Support Operates Through Self-Efficacy to Positively Influence Heart Failure Self-Care Management . *Circulation*. 2011;124:A18299.

16. Dekker, R.L., Tovar, E.G., Lennie, T.A., Chung, M. L., Heo, S., **Wu, J.R.**, Dunbar, S.B., Pressler, S.J. & Moser, D.K. (2011). Depressive Symptoms are Associated with Higher Levels of Inflammatory Biomarkers in Patients with Heart Failure. *Circulation*. 124, A13659.
17. **Wu, J.R.**, Corley, D.J., Abed, M.A., & Moser, D.K. (2010). A Theory-Based Intervention Improves Medication Adherence and Outcomes in Patients with Heart Failure. *Circulation*, 122, A12212.
18. Moser, D.K., **Wu, J.R.**, Chung, M., Biddle, M., Dekker, R.L., & Lennie, T.A. (2010). What Happens When Heart Failure Patients Don't Know What They Don't Know. *Circulation*, 120, S449.
19. **Wu, J.R.**, Lennie, T.A., Chung, M., Frazier, S., Dekker, R.L., Biddle, M., & Moser, D.K. (2009). Medication Adherence Mediates the Relationship between Marital Status and Event-Free Survival in Patients with Heart Failure. *Circulation*, 120, S516.
20. **Wu, J.R.**, Lennie, T.A., Dunbar S., Pressler S., & Moser, D.K. (2009). Predictors of Adherence to A Low Sodium Diet Using the Theory of Planned Behavior in Patients with Heart Failure. *Journal of Cardiac Failure*, 15, S84.
21. Lee, K.S., Lennie, T.A., Heo, S., **Wu, J.R.**, Chung, M., & Moser, D.K. (September 2009). Comparison of the Impact of PHQ-9 Scores with and without Physical Symptom Items on Event-Free Survival in Patients with Heart Failure. *Journal of Cardiac Failure*, 15, S5.
22. Huang, T.Y., Moser, D.K., Hwang, S.L., Lennie, T.A., Chung, M.L., **Wu, J.R.**, Biddle, M., & Heo, S. (2009). Psychosocial Factors Moderate the Relationship between Clinical Status and Dyspnea in Both Taiwanese and American Heart Failure Patients. *Journal of Cardiac Failure*, 15, S120-121.
23. Moser, D.K., Lennie, T.A., **Wu, J.R.**, Heo, S., Biddle, M., Corley, D., Kuiper, B., Roser, L., & Song, E.K. (2009). Comparison of patient-centered variables between patients with preserved and non-preserved ejection fraction. The 2009 RCN International Nursing Research Conference Book of Abstracts, *Nurse Researcher*, 58.
24. **Wu, J.R.**, Lennie, T.A., De Jong, M., Rayens, M.K., Riegel, B., Chung, M., & Moser, D.K. (2008). Heart Failure Patients in Rural Areas have Better Event-Free Survival than Those Living in Urban Areas. *Circulation*, 118, S825.
25. **Wu, J. R.**, Lennie, T.A., De Jong, M., Rayens, M.K., Chung, M., Riegel, B., & Moser, D. K. (2008). Defining An Evidence-Based Cutpoint for Medication Adherence in Heart Failure. *Circulation*, 118, S1039.
26. Chung, M.L., Moser, D.K., **Wu, J.R.**, & Lennie, T.A. (2008). Depressive symptoms and poor social support have a synergistic effect on event-free survival in patients with heart failure. *Circulation*, 118, S977.
27. De Jong, M.J., Moser, D.K., Chung, M.L., & **Wu, J.R.** (2008) Nonadherence to Prescribed Medications Mediates the Link between Anxiety and Event-Free Survival in Patients with Heart Failure. *Circulation*, 118, S769-770.
28. Lee, K.S., Lennie, T.A., Riegel, B., Heo, S., **Wu, J.R.**, Chung, M.L., Rayens, M.K., & Moser, D.K. (2008) Concrete symptom clusters are identifiable and identical in women and men with heart failure, and predict health outcome. *Circulation*, 118, S824.

29. Dekker, R.L., Lennie, T.A., Peden, A.R., Chung, M.L., **Wu, J.R.**, & Moser, D.K. (2008). Negative thinking: A modifiable target for the treatment of depressive symptoms in patients with heart failure. *Circulation*, 118, S976.
30. **Wu, J.R.** (2007). Objectively Measured, but Not Self-Reported, Medication Adherence Independently Predicts Event-Free Survival in Patients with Heart Failure. *Circulation*. 2007;116:II_U364.
31. Chung, M.L., Lennie, T.A., Riegel, B., Dekker, R.D., **Wu, J.R.**, Heo, S., & Moser, D.K. (2007). Presence of Spouses Impacts Positively Survival in Patients with Heart Failure Regardless of Presence of Depressive Symptoms. *Circulation*. 2007;116:II_633.

Refereed Presentations

National/international conference

- Wu, J.R.**, Moser, D.K., Lin, C.Y., Chiang, A., & Riegel, B. Race and quality of life among patients with heart failure—a serial multiple mediator model. Oral presentation at the 2022 American Heart Association Scientific Sessions, Chicago, Illinois.
- Wu, J.R.**, Latimer, A.L., Lin, C.Y., & Moser, D.K. Comparisons of Health Outcomes between Baby Boomers and Silent Generation Among Older Adults with Heart Failure. Oral presentation at the 2022 American Heart Association Scientific Sessions, Chicago, Illinois.
- Wu, J.R.**, Moser, D.K., Chiang, A., Lin, C.Y., & Lennie, T.A. Sleep problems, depressive symptoms, and functional status among patients with heart failure—a serial multiple mediator model. Heart Failure Society of America, poster presentation at 2022 Annual Scientific Meeting of the Heart Failure Society of America, Washington DC.
- Wu, J.R.** and Moser, D.K. Cognitive impairment and low health literacy are associated with poor health outcomes in patients with heart failure. Oral presentation at the 2022 European Society of Congress, Barcelona, Spain
- Wu, J.R.**, Lin, C.Y., and Moser, D.K. Heart Failure Knowledge, Symptom Recognition, and Self-Care Management in Patients with Heart. European Society of Congress, Preventive Cardiology (virtual conference), March 2021.
- Wu, J.R.** and Moser, D.K. Perceived Control, but not Health Literacy or Self-care Link Income Inequity and Health-related Quality of Life in Patients with Heart Failure. European Society of Congress, Preventive Cardiology (virtual conference), November 2021 poster presentation at the 2021 American Heart Association Scientific Sessions
- Salmoirago-Blotcher E, Walaska K, Trivedi D, Dunsiger S, Levine D, Breault C, **Wu J.R.**, Bock B, and Cohen R. Exploring effects of mindfulness training on medication adherence in patients with heart failure: The Mind Your Heart Study. Submitted to the Annual Meeting and Scientific Sessions of the Society of Behavioral Medicine (virtual conference), April 2021.
- Wu, J.R.** & Moser, D.K. Health Related Quality of Life Mediates the Relationship Between Medication Adherence and Cardiac Event-free Survival in Patients With Heart Failure. Poster presentation at the 2019 American Heart Association Scientific Sessions, Philadelphia, Pennsylvania.
- Wu, J.R.**, Moser, D.K., & Lennie, T.A. Higher Anxiety and More Depressive Symptoms are Associated with

Low Vitamin C Intake in Patients with Heart Failure. Oral presentation at the 2018 American Heart Association Scientific Sessions, Chicago, Illinois.

- Wu, J.R.**, Song, E.K., Moser, D.K., & Lennie, T.A. Dietary Antioxidant Deficiency Is Associated with Increased Inflammatory Markers and Poorer Health related Quality of Life in Patients with Heart Failure. Oral presentation at the 2017 American Heart Association Scientific Sessions, Anaheim, CA.
- Song, E.K., **Wu, J.R.**, Moser, D.K., & Lennie, T.A. Distinct Dietary Patterns Predicted Cardiac Event-free Survival in Patients With Heart Failure. Oral presentation at the 2017 American Heart Association Scientific Sessions, Anaheim, CA.
- Lekavich, C., Velazquez, E., **Wu, J.R.**, Crandell, J., Barksdale, D., & Neelon, V. Biomarkers that Predict Risk of Incident Heart Failure Preserved Ejection Fraction: A Matched Case-Control Analysis. Oral presentation at the 2017 American Heart Association Scientific Sessions, Anaheim, CA. (Martha N. Hill New Investigator Award Finalists) (C. Lekavich is my post-doc and I am her mentor. This study was conducted when Dr. Lekavich was a PhD study).
- Floegel, T. & **Wu, J.R.** (2017). Family caregiver perceptions about mobility support of older adults during and after hospitalization. Podium presentation at International Association of Gerontology and Geriatrics Annual World Congress meeting, San Francisco, CA. (T. Floegel was my post-doc and I was her mentor. This project was conducted when Dr. Floegel was a post-doc and partially supported by my NIH K23 grant).
- Wu, J.R.** & Mark, B. (2016). A Family-focused And Literacy-sensitive Intervention To Improve Medication Adherence In Patients With Heart Failure. Oral presentation at the 2016 American Heart Association Scientific Sessions, New Orleans, LA.
- Wu, J.R.**, Knafl, G., & Moser, D.K. (2016). Adaptive Cluster Analysis of Individual Patient Level Adherence from Electronically Monitored Medication Adherence Predicts Hospitalization Rates in Heart Failure Patients, Oral presentation at the 2016 American Heart Association Scientific Sessions, New Orleans, LA.
- Wu, J.R.**, Miller, J.L., & Moser, D.K. (2016). Health Literacy Mediates the Relationship Between Perceived Control and Cardiac Event-free Survival in Patients With Heart Failure, Poster presentation at the 2016 American Heart Association Scientific Sessions New Orleans, LA.
- Wu, J.R.** & Moser, D.K. (2015). Medication Adherence Mediates the Relationship Between Heart Failure Symptoms and Cardiac Event-Free Survival in Patients with Heart Failure. Oral presentation at the 2015 American Heart Association Scientific Sessions, Orlando, Florida.
- Wu, J. R.**, DeWalt, D.A., & Moser, D.K. (November, 2014). Health Literacy Mediates the Relationship between Age and Health Outcomes in Patients with Heart Failure. Podium presentation at the 6th Annual Health Literacy Research Conference, Bethesda, Maryland.
- Wu, J. R.**, DeWalt, D.A., Hardin-Fanning, F., & Moser, D.K. (November, 2014). Health Literacy, Adherence to Self-care Behaviors, and Ten-year Cardiovascular Disease Risk in Central Appalachian Residents. Poster presentation at the 2014 American Heart Association Scientific Sessions, Chicago, Illinois.

- Wu, J. R.**, Lennie, T.A., & Moser, D.K. (November, 2013). Health Disparity in Patients with Heart Failure—Ethnicity and Financial Status. Poster presentation at the 2013 American Heart Association Scientific Sessions, Dallas, Texas.
- Wu, J.R.**, DeWalt, D.A., Baker, D.W., Schillinger, D., Ruo, B., Bibbins-Domingo, K., Macabasco-O’Connell, A., Holmes, G. M., Broucksou, K.A., Erman, B., Hawk, V., Cene, C.W., DeLong Jones, C., & Pignone, M. (November, 2011). A Single-Item Self-Report Medication Adherence Question Predicts Hospitalization and Death in Patients with Heart Failure. Poster presentation at the 2011 American Heart Association Scientific Sessions, Orlando, Florida.
- Holmes, G. M., Macabasco-O’Connell, A., DeWalt, D.A., Broucksou, K.A., Hawk, V., Baker, D.W Schillinger, D., Ruo, B., Bibbins-Domingo, K., Erman, B., Weinberger, M., Cene, C.W., DeLong Jones, C., **Wu, J. R.**, & Pignone, M. (November, 2011). Low Literacy is Associated with Increased Risk of Hospitalization and Death Among Individuals with Heart Failure. Poster presentation at the 2011 American Heart Association Scientific Sessions, Orlando, Florida.
- Wu, J. R.** & Moser, D.K. (September 2010). Medication Adherence, Perceived Social Support, and Event-Free Survival in Patients with Heart Failure. Heart Failure Society of America, poster presentation at 14th Annual Scientific Meeting of the Heart Failure Society of America, San Diego, California.
- Wu, J. R.**, Lennie, T.A., & Moser, D.K. (2010). Quality of Life, Functional Status and Cardiac Event-Free Survival in Patients with Heart Failure. European Society of Cardiology Heart Failure Congress, 2010, Berlin, Germany (**Nursing Investigator Award finalist**).
- Wu, J. R.**, Moser, D. K., Lennie, T. A., De Jong, M., & Chung, M. L. (September 2008). Medication Adherence Mediates The Relationship Between Ethnicity and Event-Free Survival in Patients with Heart Failure. Heart Failure Society of America, poster presentation at 12th Annual Scientific Meeting of the Heart Failure Society of America, Toronto, Canada.
- Heo, S., Lennie, T. A., Pressler, S. J., Dunbar, S. B., Moser, D. K., & **Wu, J.R.** (2008, September). Self-care behaviors, symptom status, and health-related quality of life in patients with heart failure. Poster presentation at the 12th Annual Scientific Meeting. Toronto, Canada.
- Wu, J. R.**, Moser, D. K., Chung, M., & Lennie, T. A. (November 2007). Objectively Measured, but Not Self-Reported, Medication Adherence Independently Predicts Event-Free Survival in Patients with Heart Failure. American Heart Association, 2007 Scientific Sessions, Orlando, FL. (**Oral presentation, one of three finalists for the Martha Hill New Investigator Award competition**)
- Wu, J. R.**, Moser, D. K., & Lennie, T. A. (September 2007). Predictors of Medication Adherence Using a Multidimensional Adherence Model in Patients with Heart Failure. Heart Failure Society of America, 11th Annual Scientific Meeting of the Heart Failure Society of America, Washington DC. (**Oral presentation, one of five finalists for the Nursing Research Award competition**)
- Wu, J. R.**, Chung, M., Lennie, T. A., Hall, L. A., & Moser, D. K. (June 2007). Testing the Psychometric Properties of the Medication Adherence Scale in Patients with Heart Failure. American Association of Heart Failure Nurses, 2007 Annual Meeting, San Diego, CA. (**Oral presentation, one of six finalists**)

Wu, J. R., Moser, D. K., Lennie, T. A. DeJong, M., & Chung, M. L. (June 2006). The Effect of Depression and Anxiety on Medication Adherence in Patients with Heart Failure. American Association of Heart Failure Nurses, 2006 Annual Meeting, Miami Beach, FL. (Oral presentation, one of six finalists)

Chung, M. L., DeJong, M., **Wu, J. R.**, Lennie, T. A., Riegel, B., & Moser, D. K. (June 2006). Patients Differ Their Ability to Self-Monitor Adherence to Low Sodium Diet vs. Medication. American Association of Heart Failure Nurses, 2006 Annual Meeting, Miami Beach, FL.

Wu, J. R., Moser, D. K., Peden, A., & Heo, S. (February 2006). Factors Influencing Medication Adherence in Patients with Heart Failure. Southern Nursing Research Society, 20th Anniversary Conference, Memphis, TN.

Reginal conference

Wu, J.R., Kang, J., Biddle, M., Lin, C.Y., Chung, M.L., & Moser, D.K. Financial Status, Food Insecurity, and Depressive Symptoms in Caregivers of Rural Patients with Chronic Illnesses. Oral presentation at the 2023 Southern Nursing Research Society, Orlando, FL

Wu, J.R., Kang, J., Chung, M.L., & Moser, D.K. Social Determinants of Health—Food Security and Food Quality—among Rural Caregivers of Patients with Chronic Illnesses. Oral presentation at the 2022 Appalachian Translational Research Network Summit, Lexington, KY

Wu, J. R., Moser, D. K., Lennie, T. A., De Jong, M., Susan K. Frazier, Seongkum H., & Chung, M. L. (February 2009). Medication Adherence Mediates The Relationship Between Ethnicity and Event-Free Survival in Patients with Heart Failure. Southern Nursing Research Society, 23rd Anniversary Conference, Baltimore, MD. (D. Jean Wood Nursing Research Award recipient)

Wu, J. R., & Moser, D. K. (February 2008). Impact of Pre-Hospital Delay in Seeking Medical Treatment on In-Hospital Complications After Acute Myocardial Infarction. Southern Nursing Research Society, 22nd Anniversary Conference, Birmingham, AL.

Wu, J. R., Moser, D. K., Lennie, T. A. DeJong, M., & Chung, M. L. (February 2007). The Effect of Depression and Anxiety on Medication Adherence in Patients with Heart Failure. Southern Nursing Research Society, 21st Anniversary Conference, Galveston, TX.

Invited presentations:

National/international

Wu, J.R. (September, 2016). Applying Evidence-based Self-care Adherence Interventions to Practice. Podium presentation at the Heart Failure Society of America 20th Annual Scientific meeting 2016, Orlando, FL.

Wu, J.R. (September, 2015). Engaging Patients with Health Literacy Barriers. Podium presentation at the Heart Failure Society of America 19th Annual Scientific meeting 2015, Washington DC.

Wu, J.R., Corley, D.J., Abed, M.A., & Moser, D.K. (May, 2011). A Theory-Based Intervention Improves Medication Adherence and Outcomes in Patients with Heart Failure. Podium presentation at National Teaching Institute & Critical Care Exposition 2011, Chicago, Illinois.

TEACHING ACTIVITIES:

Course Taught

Courses taught at UK

Course No. (Level)	Title	Role	Semester & Year	# of Credits	Total # students: In class/ Completing evaluation	Teaching Evaluations Mean
NUR 361 (U)	Health Assessment for Registered Nurses	Instructor	Fall 2022	3		
NUR 793 (G)	Measurement of Nursing Phenomena	Co-instructor	Fall 2022	3		
NUR 361 (U)	Health Assessment for Registered Nurses	Instructor	Fall 2021	3	<u>24/8</u>	4.1 (for course) 4.3-4.7 (for instructor)
NUR 793 (G)	Measurement of Nursing Phenomena	Course development— Taught 2 classes and attended each class	Fall 2021	3	-	-

Courses taught at UNC-CH

Course No. (Level)	Title	Role	Semester & Year	# of Credits	Total # students: In class/ Completing evaluation	Teaching Evaluations Mean (Range of Item Means)
NUR 671 (G)	Nursing Inquiry to Advance Evidence-Based Practice and Scholarship	Coordinator and Instructor	Fall, 2019	2	5/3	4.74 (4.67-5.0)
N968 (G)	Writing the Training Plan	Instructor	Summer, 2019	1	6/4	4.43 (4-4.75)
NUR 778 (G)	Interpreting Research Reports	Instructor	Fall, 2018	1.5	20/10	4.34 (4.0-4.6)

NUR 591 (UG)	Nursing Care of Patients with Major Adult Health Problems	Clinical teaching	Fall, 2018	6	15/4	4.46 (4.25-4.5)
NUR 591 (UG)	Nursing Care of Patients with Major Adult Health Problems	Clinical teaching	Fall, 2017	6	15/6	4.62 (4.5-4.67)
NUR 591 (UG)	Nursing Care of Patients with Major Adult Health Problems	Clinical teaching	Fall, 2016	6	12/7	4.43 (4.14-4.71)
NUR 371 (UG)	Nursing Inquiry	Lecture instructor	Fall, 2016	1	56/24	3.22 (2.32-4.61)
NUR 591 (UG)	Nursing Care of Patients with Major Adult Health Problems	Clinical teaching	Fall, 2014	3	6/4	4.71 (4.5-4.75)
NUR 364 (UG)	Medical-Surgical Nursing	Lecture instructor	Fall, 2013	6	106/40	3.94 (3.05-4.63)
NUR 590 (UG)	Nursing Care of Patients with Major Adult Health Problems	Clinical teaching	Fall, 2012	8	14/7	4.16 (3.86-4.43)
NUR 366 (UG)	Health Assessment	Instructor lab	Spring, 2012	6	10/7	4.81 (4.29-5.0)
NUR 369 (UG)	Health Assessment	Instructor lab	Summer, 2012	3	10/0	-
NUR 590 (UG)	Nursing Care of Patients with Major Adult Health Problems	Clinical teaching	Fall 2011	8	12/5	4.67 (3.8-4.8)

5=strongly agree, 1=strongly disagree for means of Teaching Evaluations

Student Research Supervision

International visiting scholar (Current)

International visiting scholar (Past)

Mentee	Role (Advisor, Chair or Committee Member)	Dates
Eun Kyeong Song	Advisor	2016-2017
Xiaoying Zang	Advisor	2016-2017
Mingzhu Yang	Advisor	2014-2015

Shu-Chen Haiso	Advisor	2014
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PhD/Post-doctoral students (Current)

UK

Student	Role (Advisor, Chair or Committee Member)	Dates
Rachel Gambill	Advisor	2022-
Ashmita Thapa	Member	2022-
Lily A. Silverstein	Member	2022-
Erika Moffitt	Advisor	2023-

(UNC-CH)

Student	Role (Advisor, Chair or Committee Member)	Dates
Chiao-Hsin Teng	Committee member	2020-

PhD/Post-doctoral students (Past)

Student	Role (Advisor, Chair or Committee Member)	Dates
Chiao-Hsin Teng	Advisor	2019-2020
Tara Miller	Advisor	2019-2020
Carolyn Lekavich	Post-doc Advisor	2016-2018
Huda AL Noumani	Chair and member	2013-2016
Theresa Ann Floegel	Post-doc Advisor	2015-2016
Carolyn L Lekavich	Member	2012-2015

DNP students (Current)

Student	Role (Advisor, Chair or Committee Member)	Dates
Alzora Benjamin	Chair	2018-2019
Henry Delgado Avila	Chair	2019-2020

DNP students (Past)

MSN students (Current)

Student	Role (Advisor, Chair or Committee Member)	Dates
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MSN students (Past)

Student	Role (Advisor, Chair or Committee Member)	Dates
Wen Chian Ouyang	Chair	2018-2020
Camille McCutcheon Buchanan	Chair	2017-2018
Trixy Headden	Member	2017-2018
Briana Sullivan	Member	2017-2018
Tonya E. Carter	Chair	2015
Yi-lin Liao	Chair	2015
Michelle Castile Martwick	Chair	2015
Deval, Bhadrashil Shah	Chair	2014
Kimberly Simms	Chair	2014
Jessica Mullenix	Member	2014
Maria Oldre	Member	2013

GRANTS:

Research Grants

Ongoing

Role	Title, Grant number, PI(s)	Total Direct Amount (FTE if available)	Percent Effort	Agency	Dates
PI	Improving medication adherence using family-focused and literacy-sensitive strategies in patients with heart failure, Jia-Rong Wu	\$2,047,305	30%	NIH/NINR (R01)	8/31/2022-06/30/2026
Co-investigator	Online cognitive behavioral therapy for depressive symptoms in rural patients with coronary heart disease, Debra Moser		10%	PCORI	10/01/2021-09/30/2024
PI	Integrating Remote Monitoring Devices to Improve Medication Adherence and Symptom Perception (iMASTER) in Patients with Heart Failure, Jia-Rong Wu	\$20,000	5%	UK CON	10/01/2021-09/30/2022
Core faculty	Interventions for preventing and managing chronic		0%	NIH/NINR (T32)	07/07/16-06/30/22

	illness, T32NR007091, Santacroce				
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Funded (Completed)

Role	Title	Total Direct Amount (FTE if available)	Percent Effort	Agency	Dates
Co-investigator	Exploring the role of mindfulness training in the promotion of medication adherence in heart failure outpatients, 1R21HL140492-01 Salmoirago-Blotcher		5%	NIH/NHLBI (R21)	05/25/18-04/30/21
Principal Investigator	Vitamin C Supplementation Intervention for Patients with Heart Failure—A pilot study, no grant #, Wu	\$5,000		Sigma Theta Tau International/Southern Nursing Research Society	08/01/2018-07/31/2020
Principal Investigator	A Family-Focused, Literacy-Sensitive Intervention to Improve Medication Adherence, no grant #, Wu	\$1,000		Sigma Theta Tau Alpha Alpha Chapter	3/2018-2/2019
Principal Investigator	Factors Influencing Medication Adherence In Hispanic Patients With Heart Failure—Hispanic Patient's And Their Caregiver's perspectives of medication adherence, no grant #, Wu	\$1,000		Sigma Theta Tau Alpha Alpha Chapter	3/2019-2/2020
Principal Investigator	A Family-Focused, Literacy-Sensitive Intervention to Improve Medication Adherence	\$1,000		Sigma Theta Tau Alpha Alpha Chapter	3/2018-2/2019
Principal Investigator	A Family-Focused, Literacy-Sensitive Intervention to	\$379,456	75%	NIH/NINR (K23NR014489)	9/26/2013-7/31/2016

	Improve Medication Adherence				
Principal Investigator	Precipitating factors of hospitalization for exacerbation of heart failure—role of patient non-adherence behaviors	\$7,500		University Research Council, University of North Carolina at Chapel Hill	2012
Principal Investigator	Effect of a Theory-Based, Medication-taking Behavior Feedback Intervention on Medication Adherence and Outcomes in Patients with Heart Failure	\$10,000		American Association of Critical-care Nurses	2008-2010
Principal Investigator	Effect of a Theory-Based, Medication-taking Behavior Feedback Intervention on Medication Adherence and Outcomes in Patients with Heart Failure	\$84,000		American Heart Association	2008-2010

Under Review

Role	Title	Total Direct Amount (FTE if available)	Percent Effort	Agency	Dates
Co-Investigator	Predicting kidney recovery in critically ill patients with acute kidney injury using large-scale clinical data		2%	NIH/NIDDK (R01)	

PROFESSIONAL SERVICE:

Consultations

Organization/Project	Role	Dates
2022 RICH Writing Institute Annual Event, Virtual Event,	Consultant and faculty member	July 2022

2021 RICH Writing Institute Annual Event, Virtual Event,	Consultant and faculty member	July 2021
Momentum-Research Inc., Development of NIH grant proposal	Consultant	2012
University of Pennsylvania-School of Nursing Dr. Barbara Riegel, review of a manuscript on medication adherence published in Circulation-Heart Failure	Manuscript Review	2011

Editorial Activities

Journal	Role	Dates
<i>Journal of Health communication</i>	Manuscript reviewer	2015
<i>BMC Pharmacology and Toxicology</i>	Manuscript reviewer	2014-2015
<i>Western Journal of Nursing Research</i>	Manuscript reviewer	2014-2019
<i>Journal of General Internal Medicine</i>	Manuscript reviewer	2013-2016
<i>Japan Journal of Nursing Science</i>	Manuscript reviewer	2012-2014
<i>European Journal of Cardiovascular Nursing</i>	Manuscript reviewer	2011-present
<i>Heart</i>	Manuscript reviewer	2011-2012
<i>Journal of Cardiovascular Nursing</i>	Member of the editorial board	2010-present
<i>Heart & Lung</i>	Manuscript reviewer	2010-present
<i>International Journal of Nursing Studies</i>	Manuscript reviewer	2010-2014
<i>Journal of Cardiac Failure</i>	Manuscript reviewer	2009-present
<i>Gender Medicine</i>	Manuscript reviewer	2009-2010
<i>Journal of Cardiovascular Nursing</i>	Manuscript reviewer	2008-present
<i>Journal of Pharmacists Association</i>	Manuscript reviewer	2008-2013

Other (Grant Review Activities, Site Visits, Review Panels)

Organization/Project	Role	Dates
American Heart Association--Outcomes Clinical Peer Review Study Section	Grant Reviewer	2011-2017

NATIONAL ORGANIZATION SERVICE:

Organization Committees

Committee	Role	Dates
American Heart Association CVSN Council Development Committee	Member	2020-present

UNIVERSITY SERVICE:

University/College of Nursing Committees

Committee	Role	Dates
Health Care Colleges Council	Member	2022-2024
Search Committee for the tenured/tenure track faculty	Member	2022-2024
CON Faculty Council	Member	2021-2023
PhD Program Committee	Member	2021-2024
PhD Program Committee	Chair	2022-2023
Diversity, Equity, and Inclusivity (DEI) Council	Member	2021-2023
Search Committee for the Associate Dean of DEI	Member	2021

RESEARCH STATEMENT

For more than ten years, my research passion is to explore the factors of poor medication adherence, impact of medication adherence, and also develop and test effective interventions (e.g., a family-focused, and literacy-sensitive intervention) to improve/sustain medication adherence in patients with chronic disease (especially for heart failure [HF]). I verified the importance of medication adherence on outcomes by using the Medication Event Monitoring System (MEMS), an objective measure of adherence that is generally acknowledged to be “the gold standard” measure of medication adherence in research settings. I also used mixed methods to identify predictors of medication adherence and barriers to adherence that need to be targeted in educational counseling interventions to improve medication adherence in patients with HF. In addition, I developed and tested a theory-based, MEMS-feedback intervention to improve medication adherence in patients with HF. The intervention did significantly improve medication adherence and health outcomes although the intervention effect was not sustained after the intervention was complete. I am experienced in conducting intervention studies in patients with heart failure, most recently in a pilot study of the **Family**-focused, **Literacy**-sensitive (*FamLit*) intervention (K23NR014489), which is an outgrowth of the earlier theory-based, MEMS-feedback intervention. I included a family member and used educational materials at an appropriate literacy level and found that the *FamLit* intervention did improve medication adherence during the intervention and the intervention effect was significantly sustained 3 months after the intervention was complete. I recently received an R01 from the NIH/NINR to conduct an adequately powered RCT to evaluate the sustained effects of this *FamLit* intervention on medication adherence and hospitalization/death. Based on my expertise in self-management (especially in medication adherence) of cardiovascular diseases, I will continue testing the effectiveness of interventions to improve self-management in patients with chronic cardiovascular disease. Currently, I am conducting a pilot study to test an intervention in which we integrate remote monitoring devices to *improve medication adherence and symptom perception (iMASTER)* among patients with HF. I plan to submit an R01 application to the NIH/NHLBI in October 2023 using the preliminary findings. I also plan on developing a mindfulness training intervention to reduce levels of stress and improve quality of life among HF patient’s care partners.

TEACHING STATEMENT

It has been my pleasure to teach, mentor students, and post-doc fellows at all levels in self-care behaviors, social support in patients with cardiovascular disease.

For my teaching (lecture and clinical), I am always energetic to show my passion and share my research and clinical experiences with students using plenty of examples. I listen to students' feedback and revise my teaching accordingly and receive a lot of acknowledgements from students directly. I have worked with both master's and doctoral students to guide their research projects in the area of self-care management and subsequent hospitalization and death in patients with cardiovascular disease (e.g., heart failure, hypertension). The mentorship has resulted in a few peer-reviewed papers that I've published with my students/mentees. I also continue mentoring the next generation of undergraduate and graduate nursing students, advanced nurse practitioners and nurse scientists and post-doctoral fellows who come to learn from me. These scholars will take their knowledge and expertise into the world, through which I disseminate and transmit my influence.

SERVICE AND ENGAGEMENT STATEMENT

Based on my expertise in medication adherence in heart failure and other cardiovascular diseases, my distinguished service in nursing includes being elected to be a member of the editorial board of the *Journal of Cardiovascular Nursing* to attend the annual editorial meetings and provide feedback to improve quality of the journal, elected as a Fellow American Heart Association, and served as a member in 3 councils/committees in the College of Nursing. With my ethnic background, I participate in the Asian American Pacific Islander Nurses Association (AAPINA) to mentor Asian graduates/junior faculty. I am a founding member of the North Carolina chapter of AAPINA and co-chaired the program committee of the AAPINA conference in 2018. I constantly serve as a resource person to help people from Taiwan, China and other Asian countries to seek needed medical care when they have medical signs and symptoms.