**JungHee Kang, PhD, MPH, RN**

**Curriculum Vitae**

Assistant Professor, University of Kentucky, College of Nursing

751 Rose Street, 509K, Lexington, 40536 KY

Office: (859)218-1331, Cell: (409)330-3783

Email: Junghee.kang@uky.edu

**PROFESSIONAL EDUCATION**

|  |  |  |  |
| --- | --- | --- | --- |
| **Institution** | **Degree** | **Dates** | **Field of Study** |
| University of Texas Medical Branch | BSN | 2010 | Nursing |
| University of Kentucky | MPH | 2019 | Biostatistics Concentration |
| University of Kentucky | PhD | 2021 | Nursing |
| University of Kentucky | Post-Doctoral Fellow | 2024 | Building Interdisciplinary Research Careers in Women's Health (BIRCWH) |
| University of Kentucky | Graduate certificate | 2025 | Applied Nutrition & Culinary Medicine, |

**CERTIFICATIONS AND LICENSURE**

|  |  |
| --- | --- |
| 2022- 2025 | Applied Nutrition & Culinary Medicine (Graduate Certificate), University of Kentucky, KY |
| June 2017 | Summer Genetics Institute (SGI) at NIH (sponsored by NINR),  Bethesda, MD |
| 2014- present | Kentucky Board of Nursing Registered Nurse, KY |
| 2010- 2014 | Texas Board of Nursing Registered Nurse, TX |
| 2010- present | Basic Cardiac Life Support (BCLS-CPR) |

# EmPLOYMENT

|  |  |  |  |
| --- | --- | --- | --- |
| **Dates** | | **Institution and Location** | **Position** |
| 2025, July - | College of Nursing & Markey Cancer Center, University of Kentucky | | Assistant Professor |
| 2024, Feb - Oct | Cognitive Behavioral Therapy for Depressive Symptoms in Rural Cardiac Patients (Patient-Centered Outcomes Research Institute) | | Project Director |
| 2023, Aug – 2024, July | Building Interdisciplinary Research Careers in Women’s Health (BIRCWH: National Institute on Drug Abuse / Office of Research on Women’s Health), University of Kentucky, KY | | Postdoctoral Scholar |
| 2022, July -  2023, June | College of Nursing, University of Kentucky, KY | | Instructor |
| 2022, Jan -  2023, July | College of Nursing, Research and Intervention for Cardiovascular Health (RICH), University of Kentucky, KY | | Post-doctoral Scholar/Data analyst |
| 2013- 2021 | College of Nursing, Research and Intervention for Cardiovascular Health (RICH), University of Kentucky, KY | | Research Assistant, Teaching Assistant |
| 2011, Sep -2013, May | Galveston College, Building Bridge to Success (funded by the United States Department of Education), Galveston, TX | | Chief Tutor on Math, Statistics, and Chemistry |
| 2010, Dec - 2011, Aug | University of Texas Medical Branch Hospital, Cardiothoracic and Vascular Unit, Galveston, TX | | Nurse Clinician I |
| 2010, Oct - 2010, Dec | University of Texas Medical Branch Hospital, Cardiothoracic and Vascular Unit, Galveston, TX | | Patient Care Technician II |
| 2010, Sep -  2010, Oct | University of Texas Medical Branch Hospital, Cardiothoracic and Vascular Unit, Galveston, TX | | Nurse Clinician I |
| 2005, July -  2009, May | University of Texas Medical Branch, Department of Surgery, Galveston, TX | | Research Associate |
| 2002, Jan -  2005, July | University of Texas Medical Branch. Department of Surgery, Galveston, TX | | Research Assistant |

**Awards/Honors****/Scholarship**

|  |  |
| --- | --- |
| 2023, Nov | Winner, Martha N. Hill Early Career Investigator Award, American Heart Association Scientific Session 2023, Philadelphia, PA |
| 2023, Fall | Research Intervention for Cardiovascular Health (RICH) Research Award, College of Nursing, University of Kentucky, Lexington, KY |
| 2023, August | Postdoctoral fellowship, Building Interdisciplinary Research Careers in Women’s Health (BIRCWH) Program, National Institute on Drug Abuse / Office of Research on Women’s Health |
| 2022, Oct | Finalist, Nursing Investigator Award, 2022 Scientific Session, Heart Failure Society of America, Washington DC |
| Aug 2022 | Winner, Nursing and Allied Health Professionals research award, The 43rd European Society of Cardiology annual scientific meeting, Barcelona, Spain |
| May 2022 | Carolyn A. Williams Award for Outstanding PhD student, University of  Kentucky College of Nursing |
| 2022, Spring | Selected post-doctoral scholar (top 5), Southeastern Conference (SEC) Emerging Scholars Career Preparation Workshop, University of Missouri, Columbia, MO |
| 2021, Spring | Research Intervention for Cardiovascular Health (RICH) Research Award, College of Nursing, University of Kentucky, Lexington, KY |
| 2019-2020 | UK College of Nursing Scholarship award, University of Kentucky |
| 2019, Summer | Graduate Student Congress Research Award, University of Kentucky |
| 2016, 2017, 2019 | Top PhD Podium Presentation, Center for Clinical and Translational Science, College of Nursing Showcase |
| 2018, Spring | Research Intervention for Cardiovascular Health (RICH) scholarship, College of Nursing, University of Kentucky, Lexington, KY |
| 2018, Spring | Student Professional Development Funds, Center for Graduate and Professional Diversity Initiatives, University of Kentucky, Lexington, KY |
| 2018, Spring | Finalist, The 5th Annual Leadership Awards with President Capilouto,  Omicron Delta Kappa (ODK), University of Kentucky, Lexington, KY. |
| 2017, Fall | Competitive Funding for Graduate Nursing Activities and Advisory Council, Appropriations and Revenue Committee, University of Kentucky |
| 2016, Fall | Inducted into Omicron Delta Kappa National Leadership and Honor Society |
| 2016, Fall | Patient-Centered Outcomes Research Institute (PCORI) Trainee Scholarship, Patient-Centered Outcomes Research Institute (PCORI) |
| 2016, Fall | SAHA Awards for Cardiovascular Research and Education, University of Kentucky, KY |
| 2016 - 2018 | Jonas Nurse Leader Scholar, Fellowship ($10,000), American Association of Colleges of Nursing, Washington DC |
| 2015, Fall | Council on Cardiovascular and Stroke Nursing Minority Travel Stipend,  American Heart Association |
| 2015- 2019, 2020- 2021 | Dorothy Luther Fellowship Fund, College of Nursing, University of Kentucky, Lexington, KY |
| 2015- 2016 | Delta Psi scholarship, Sigma Theta Tau International Honor Society |
| 2015 | Inducted into Sigma Theta Tau International Honor Society (Delta Psi Chapter) |
| 2009 - 2010 | Dr. Kang-II Rhee Nursing Educational Grant Fund, UTMB School of Nursing, Galveston, TX |

# Research award

|  |  |  |
| --- | --- | --- |
| 2025, April | Internal grant, “Leveraging Artificial Intelligence (AI) to Predict the Human Gut Microbiome from Diet, Lifestyle, and Environmental Factors Utilizing the American Gut Project and Validating it on the UK Biobank Data”, University of Tennessee, Knoxville (PI: Dr. Anujit Sarkar; $75,000/year; 2 years) | Submitted (Consultant) |
| 2025, Spring | BIRCWH Mini-Proposal Award, Role of Dysbiosis in the Relationship with Chronic Stress and Diet Quality on Inflammation in Males and Females with Metabolic Syndrome: Analysis of Metabolites ($25,000) | Funded  (PI) |
| 2024, Sep | “Long-term Follow-up of Online Cognitive Behavioral Therapy for Depression in Rural Coronary Heart Disease (CHD) Patients”, Patient-Centered Outcomes Research Institute (PCORI), Washington, DC (PI: Debra K. Moser; $12,000,000, 5 years) | Not Funded (Co-I) |
| 2023-2025 | “Testing and Developing a Novel, Nurse-led Intervention to Improve Physical Activity in Caregivers Dwelling in Rural Appalachia”, The Rita and Alex Hillman Foundation, Hillman Emergent Innovation Grant.  (Co-PI: Jen Smith & Debra K. Moser; $50,000) | Funded (Co-I) |
| 2023, Dec | “Mediation of Dysbiosis in Diet Quality, Depressive Symptoms, and Coronary Heart Disease Health Outcomes in Rural Adults”, Innovative Project Award, American Heart Association ($200,000, 2 years) | Not Funded (PI) |
| 2023-2024 | Cha G., **Kang J.,** and Moser DK. “Gentle Yoga Program in Patients with Cardiovascular Disease”, Research Intervention for Cardiovascular Health (RICH) Heart Research Award, University of Kentucky, Lexington, KY ($5,000) | Funded (Co-I) |
| 2023-2024 | BIRCWH Scholarship (Research Award: **Kang J. (**$15,840)**,** “Exploring data-driven approaches to reducing CVD risk for women as informal caregivers” from the Supplemental Award: $97,000) (K12 DA035150) (PI: T. Curry) 2022-2027, National Institute on Drug Abuse / Office of Research on Women’s Health | Funded (Postdoc: 1year) |
| 2019-2021 | **Kang J.** & Biddle MJ. “Diet Quality Mediates the Relationship of Chronic Stress with Inflammation in Patients with Metabolic Syndrome”, Research Intervention for Cardiovascular Health (RICH) research award, University of Kentucky, Lexington, KY ($5,000) | Funded (Co-PI) |
| 2019, Spring | **Kang J.** “Nutrition Data System for Research Training” Delta Psi Chapter of Sigma Theta Tau, Research Award, University of Kentucky, Lexington, KY ($1,390) | Funded  (PI) |

# Selected Research Presentations (as the first author)

# National/International Meetings

|  |  |
| --- | --- |
| 2025, Nov | **Kang J.**, McQuerry KJ, Lennie TL, Lin CY, Wu JR, Latimer AL, Thompson J, Heo S, Moser DK. The role of dietary micronutrient insufficiency in the association of diet monotony with time to hospitalization or death in patients with heart failure: A mediation analysis. AHA Scientific Session Meeting 2025, New Orleans, LA (submitted) |
| 2024, Nov | **Kang J**, Cha G, Lin CY, Wu JR, Okoli C, Latimer A, Lennie TA, Biddle MJ, Chung ML, Wu JR, Moser DK. Age and Sex Multiplicatively Moderate the Association of Daily Sedentary Time with Depressive Symptoms in Rural Patients with Cardiovascular Diseases, AHA Scientific Session Meeting 2024, Chicago, IL, USA (Moderated poster) |
| 2024, Oct | **Kang, J**, Lennie, TA, Thompson, JH, Chung, ML, Wu, JR, Moser, DK. Sex Moderates the Effect of Depressive Symptoms on Diet Quality Among Rural Informal Caregivers of Individuals with Chronic Illnesses, 2024 BIRCWH annual meeting, Bethesda, MD (Poster) |
| 2023, Nov | **Kang, J.,** Debra, KM., Terry, AL., Chung, ML., Thomas DT, Martha JB. Diet Quality Mediates the Relationship Between Chronic Stress and Inflammation in Patients with Metabolic Syndrome, Oral Presentation at the AHA Scientific Session Meeting 2023, Philadelphia, USA. (Winner, the Martha N. Hill Early Investigator Award) |
| 2023, Nov | **Kang, J.,** Lennie, TA., Biddle MJ, Chung ML, Debra KM. Black Patients with Heart Failure Consume Diets That are More Proinflammatory and Higher in Micronutrient Insufficiencies Than White Patients, Oral Presentation at the AHA Scientific Session Meeting 2023, Philadelphia, USA. (oral) |
| 2023, Nov | **Kang, J.,** Lennie, TA., Biddle MJ, Chung, ML, Lin CY, Wu JR, Thompson JH, Debra KM. Daily intake of fruits and vegetables moderates the effect of a nutrition intervention on symptom burden in patients with heart failure, Poster Presentation at the AHA Scientific Meeting 2023, Philadelphia, USA. (poster) |
| 2022, Oct | **Kang, J.**, Moser DK., Hayes, AF., Lin, CY., Latimer A., Heo, S., Lennie TA. Does Diet Monotony Mediate the Association of Financial Status with Dietary Micronutrient Insufficiency in Patients with Heart Failure? 2022 Heart Failure Society of America Annual Scientific Meeting, Washington DC (Finalist, Nursing Research Investigator Award) |
| 2022, Aug | **Kang, J.**, Katsumata, Y., Lennie, T.L., Chung, M.L., Biddle, M.J., Miller, J., Debra, K.M. Sustained effect on diet quality of a self-care intervention to reduce cardiovascular disease risk among informal rural caregivers of people with chronic illnesses: Does health literacy matter? The 43rd European Society of Cardiology Congress, Barcelona, Spain (Winner, Nursing and Allied Health Professionals research award) |
| 2021, Nov | **Kang, J.,** Chung, M.L., Biddle, M.J., Lennie, T.A., Miller, J., & Moser, D.K. Rural Caregivers with Low Health Literacy Show Greater Improvements in Diet Quality from a Cardiovascular Disease Risk Reduction Intervention Designed to Address Low Health Literacy Than Those with High Health Literacy, 2021 Scientific Session, American Heart Association, (Oral, Virtual) |
| 2020, Nov | **Kang, J.,** Debra K.M., Martha J.B., Terry A.L. Proinflammatory Diet Independently Predicts Shorter Event-free Survival in Patients with Heart Failure., 2020 Scientific Session, American Heart Association, (Poster, Virtual) |
| 2019, Nov | **Kang, J.,** Debra K.M., Martha J.B., Terry A.L., Smyth, S.S., Vsevolozhskaya, O.A. Inflammatory properties of diet mediate the effect of depressive symptoms on Framingham Risk Score in men and women: Results from the National Health and Nutrition Examination Survey (2007-2014), 2019 Scientific Session, American Heart Association, Philadelphia, PA |
| 2016, Sep | **Kang, J.**, Martha J.B., Terry A.L., Debra K.M. Behavioral Counseling Promotes Diet Quality and Reduces Cardiovascular Risk Factors in Residents of Rural Appalachia, Sigma Theta Tau International Leadership Connection (Sigma Theta Tau International Rising Stars of Research and Scholarship Student Poster) 2016, Indianapolis, IN |
| 2015, Nov | **Kang, J.,** Martha J.B., Terry A.L., Debra K.M. An Intensive Heart Health Intervention Can Improve Diet Quality and Reduce Cardiovascular Risk Factors in Individuals Residing in Rural Environments. 2015 Scientific Session, American Heart Association, Orlando, FL |
| 2008, Feb | **Kang J.,** Ishola T, Evers BM, Chung DH. N-myc regulation of PI3K-mediated VEGF expression in neuroblastoma. Academic Surgical Congress, Huntington Beach, CA, Feb 14, 2008. (Oral) |
| 2007, Mar | **Kang J.,** Rychahou, PG, Mourot, JM, Evers, BM, Chung, DH. MYCN regulates phosphatidylinositol 3-kinase-mediated vascular endothelial growth factor expression in neuroblastoma. 2007 Am Assoc for Cancer Research, Los Angeles, CA |

**Regional Meetings**

|  |  |
| --- | --- |
| 2025, Apr | **Kang J.** (Keynote Speaker)Metabolic Syndrome: A Dietary Intervention to Reduce Inflammation and Oxidative Stress: NDSR training, Induction Ceremony of the Delta Psi Chapter of Sigma Theta Tau Honor Society of Nursing, Berea College, KY |
| 2025, Feb | **Kang, J,** Lennie, TA, Moser, DK. Diet, Trimethylamine-N-oxide and Cardiovascular Risks Among Rural Females and Males, Symposium title: Omics-based Clinical Discovery: Uncovering the Impact of the Southern Nursing Research Society (Session ID: SESS-31), 2025 Southern Nursing Research Society, Williamsburg, GA (Podium, Symposium) |
| 2022, Nov | **Kang, J.**, Chung, M.L., Katsumata Y., Lennie, T.L., Biddle, M.J., Feltner, F.J., Mudd-Martin, G., Rayens, M.K., Moser, D.K. An Impact of a Research Intervention for Caregivers Heart Health on Diet Quality among Appalachian Caregivers of People with Chronic Illnesses. The 12th Annual Appalachian Translational Research Network, Lexington, KY (poster) |
| 2021, Feb | **Kang, J.,** Gomez, M., Bowman, H., Williams L.B., Impact of COVID-19 on Churches in Appalachia and Central Kentucky: Health Belief Model Approach, 2021 Southern Nursing Research Society (Poster, Virtual) |
| 2018, Mar | **Kang, J.,** Martha J.B., Debra K.M., Terry A.L. Diet Quality in Patients with Heart Failure: Age and Sex-matched Comparative Study, 2018 Southern Nursing Research Society, Atlanta, GA (oral, Top Student Poster Discussion) |

**Local Meetings**

|  |  |
| --- | --- |
| 2025, Apr | **Kang, J,** Moser, DK, Morris A, Morford L, Messaoudi I, Raynor H, Williams L, Lennie, TA, Mudd-Martin G. Relationship Among Nutrient, Metabolite, and Inflammatory Genotype and Phenotype as Risk Factors of Colorectal Cancer, 2025 Markey Cancer Center Research Day, University of Kentucky (Podium) |

# Selected Recent Research Presentations (as a co-author)

|  |  |
| --- | --- |
| 2025 Nov | Online Cognitive Behavioral Therapy for Depressive Symptoms in Rural Patients with Cardiac Disease: Impact on Hospitalizations and Mortality. AHA Scientific Session 2025, New Orleans, LA (submitted) |
| 2025 Nov | Mechanisms for the association between social determinants of health and sleep-related functional outcomes among rural adults with cardiovascular diseases. AHA Scientific Session 2025, New Orleans, LA (submitted) |
| 2025 Nov | Lin CY, Wu JR, Kang J, Latimer AL, Thapa A, Moser DK. Factors Associated with Symptom Perception in Black Patients with Heart Failure. AHA Scientific Session 2025, New Orleans, LA (submitted) |
| 2025 Nov | Cha G, Kang J, Thapa A, Wu JR, Heebner NR, Latimer AL, Lin CY, Biddle MJ, Bronas UG, Thompson J, Svynarenko R, Park J, Moser DK. Feasibility, Acceptability, and Outcomes of a Two-group Randomized Controlled Pilot of a Gentle Yoga Intervention for Older Adults Post-Phase II Cardiac Rehabilitation. AHA Scientific Session 2025, New Orleans, LA (submitted) |
| 2025 Nov | Issahaku A, Kang J, Biddle MJ, Thapa A, Cha G, Moder DK. Renal Dysfunction and Health-Related Quality of Life in Heart Failure: A Mediation Analysis of Patient-Centered Outcomes. AHA Scientific Session 2025, New Orleans, LA (submitted) |
| 2025 Nov | Smith JL, Latimer AL, Chung ML, Wu JR, Lin CY, Kang J, Moder DK. Online Cognitive Behavioral Therapy for Depressed Rural Cardiac Patients: Effective Regardless of Health Literacy Level. AHA Scientific Session 2025, New Orleans, LA (submitted) |
| 2025, Aug | Moser DK, Latimer AL, **Kang J**, Lin CY, Chung ML. Randomized controlled trial of two types of online cognitive behavioral therapy for rural cardiac patients with depression. European Society of Cardiology Congress 2025, Madrid, Spain (Accepted-Oral) |
| 2024, Nov | Moser DK, Wu JR, Latimer AL, **Kang J**, Lin CY, Chung ML. Managing Depression in Rural Depressed Cardiac Patients in the Face of Perceived Depression Stigma: A Randomized Controlled Trial of Two Types of Online Cognitive Behavioral Therapy. AHA Scientific Session 2024, Chicago, IL, USA. (Moderated digital poster presentation) |
| 2024, Nov | Wu JR, Lennie TA, Lin CY, Martha BJ, **Kang J**, Latimer AL, Cha G, Thapa A, Moser DK. How do sleep quality and heart failure symptoms impact functional status among patients with heart failure? AHA Scientific Session 2024, Chicago, IL, USA. (Moderated digital poster presentation) |
| 2024, Nov | Thompson JH, Wu JR, Chung ML, Cha G, Latimer A, Lin CY, **Kang J**, Biddle MJ, Moser DK. Does Cognition Affect the Outcomes of Two Types of Virtual Cognitive Behavioral Therapy Interventions to Improve Depressive Symptoms in Patients with Cardiovascular Disease? AHA Scientific Session 2024, Chicago, IL, USA. (Moderated digital poster presentation) |
| 2024, Nov | Cha G, **Kang J**, Lin CY, Heebner NR, Wu JR, Biddle MJ, Chung ML, Thapa A, Lennie TA, Moser DM. Mental Health and Sleep Quality as Determinants of Physical Activity Levels in Depressed Rural Patients with Coronary Heart Disease. AHA Scientific Session 2024, Chicago, IL, USA. (Moderated digital poster presentation) |
| 2024, Nov | Awal I, Cha G, Thapa A, **Kang J**, Chung ML, Biddle MJ, Wu JR, Latimer A, Thompson JH, Moser DM. Differences in Patient-Centered Outcomes Between Patients with Heart Failure and With and Without Renal Dysfunction. AHA Scientific Session 2024, Chicago, IL, USA. (Moderated digital poster presentation) |
| 2024, Nov | Thapa A, **Kang J**, Latimer A, Wu JR, Chung ML, Biddle MJ, Lin CY, Debra K. Moser. Health Disparities in Quality of Life Among Black Patients with Heart Failure: The Roles of Depressive Symptoms and Functional Status. AHA Scientific Session 2024, Chicago, IL, USA. (Moderated |
| 2024, Nov | Latimer A, Wu JR, Knoepke C, **Kang J**, Moser DK. Depressive symptoms, not functional status, predict morbidity and mortality in older adults with heart failure, Gerontological Society of America 2024, Seattle, WA (Accepted) |
| 2024, Sep | Wu JR, **Kang J**, Lennie TA, Moser DK. Vitamin C Intake, Psychological Distress and Health Outcomes in Patients with Heart Failure, 2024 European Society of Cardiology, London, United Kingdom of Great Britain and Northern Ireland (Moderated ePoster) |
| 2024, Mar | Adegboyega A, **Kang J**, Dignan M. Impact of a Cervical Cancer Screening Education Intervention on Women's Knowledge, and Health Beliefs, American Society of Preventive Oncology 2024, Chicago, IL, USA. (Oral presentation) |
| 2023, Nov | Moser, DK. **Kang J**, Song M, Chung ML. Rural Intervention for Caregivers’ Heart Health: A Randomized Controlled Trial, Oral Presentation at the AHA Scientific Session Meeting 2023, Philadelphia, USA. |
| 2023, Nov | Wu J, Lin CY, **Kang J**, Chung ML, Miller J, Mudd-Martin G, Biddle MJ, Rayens MK, Lennie TA, Okoli CC, Fisher MB, Feltner FJ, Moser DK. Obstructive Sleep Apnea and Quality of life Among in Patients with Heart Failure or Coronary Heart Disease, Poster Presentation at the AHA Scientific Session Meeting 2023, Philadelphia, USA. |
| 2023, Nov | Thompson, JH, Biddle MJ, Lee CS, Lennie TA, **Kang J**, Moser DK. Nutrient Intake of Patients with Heart Failure: Different Profiles Reveal Different Intervention Targets. Poster Presentation at the AHA Scientific Session Meeting 2023, Philadelphia, USA. |
| 2023, Nov | Smith, J, **Kang J**, Miller J, Chung ML, Moser DK. The Impact of The covid-19 Pandemic on Perceived Stress in Rural Caregivers Participating in a Cardiovascular Risk Reduction Intervention. Poster Presentation at the AHA Scientific Session Meeting 2023, Philadelphia, USA. |
| 2023, Nov | Lin CY, Moser DK, Lennie TA, Wu JR, **Kang J**, Chung ML. Self-care maintenance moderated the associations among symptom burden, functional status, and quality of life in patients with heart failure: A moderated mediation study analysis. Rapid fire oral presentation at the AHA Scientific Session Meeting 2023, Philadelphia, USA. |
| 2023, Nov | Thapa A, **Kang J**, Chung ML, Wu JR, Biddle MJ, Moser DK. The Interplay of Self-Care Maintenance, Social Support, and Psychological Factors in Predicting Quality of Life in Patients with Heart Failure. Poster Presentation at the AHA Scientific Session Meeting 2023, Philadelphia, USA. |
| 2023, Nov | Heo S, An M, Kim S, **Kang J,** Yang J, Kim J, Cho K. The Psychometric Properties of the Advance Care Planning Engagement Survey in Cardiovascular Diseases. Oral Presentation at the AHA Scientific Session Meeting 2023, Philadelphia, USA. |
| 2023, Nov | Heo S, An M, Kim S, **Kang J,** Cho K, Yang J, & Kim J. The Mediator Role of Physical Function in the Relationship Between Caregiver Contribution to Self-Care and Caregiver Quality of Life in Heart Failure. Rapid Fire Oral Presentation at the AHA Scientific Session Meeting 2023, Philadelphia, USA. |
| 2023, Jul | Adegboyega A, **Kang J**, & Williams LB. Perceived Barriers to Pap Screening Influence Being up to date with Screening. Poster presentation at 2023 International Cancer Education Conference (ICEC) |
| 2023, Jul | Biddle MJ., **Kang J**, Brewer D. A simple dietary intervention to reduce inflammation and oxidative stress in individuals with metabolic syndrome. Poster presentation at 2023 Association of Cardiovascular Nursing and Allied Professions (ACNAP; poster) |
| 2023, Apr | Thapa A, Chung ML, Wu J., Lin CY, **Kang J**, Moser DK. Mediating role of functional status in the association of depressive symptoms with quality of life in heart failure. Podium presentation at the College of Nursing Scholarship Showcase, Center for Clinical and Translational Science 13th Annual Conference |
| 2023, Mar | Biddle MJ, **Kang J**, Bailey A, Feltner F, Mudd-Martin G, Chung ML, Moser DK. Dining out and Cardiovascular Risk among Residents of Appalachia. A symposium session “Addressing Social Determinants of Health to improve cardiovascular disease health disparities”, Oral presentation at a symposium session, Southern Nursing Research Society, Orlando, FL (symposium) |
| 2023, Mar | Wu J, **Kang J**, Biddle MJ, Lin C, Chung ML, Moser DK. (2023) Financial status, food insecurity, and depressive symptoms in caregivers of patients with chronic illnesses. Oral presentation at a symposium session “Addressing Social Determinants of Health to improve cardiovascular disease health disparities”, Southern Nursing Research Society, Orlando, FL |
| 2022, Nov | Heo S, Kim J, An M, Yang J, Kim M, Park S, Cho K, **Kang J.** The moderator role of attitudes in the relationship between knowledge and self-efficacy in palliative care among nurses: A cross-sectional, correlational study. Poster Presentation at the AHA Scientific Session Meeting 2022, Chicago, IL (poster) |
| 2022, Sep | Latimer A, Lin CY, **Kang J**, Chung ML, Wu JR, Moser DK. Effect of Social Support on Depression: Moderated Moderation of Age and Support Satisfaction in Older Adults with Heart Failure. 2022 Heart Failure Society of America Annual Scientific Meeting, Washington DC (e-poster) |
| 2022, Sep | Lin CY, Latimer A, Lennie TA, Chung ML, Wu JR, Heo S, **Kang J**, Moser DK. Association of social support with symptom status among patients with heart failure: the mediating effect of attitude, subjective norm, and perceived behavioral control to following the low-sodium diet. 2022 Heart Failure Society of America Annual Scientific Meeting, Washington DC (e-poster) |
| 2022, Mar | Lin CY, Wu JR, Latimer A, **Kang J**, Hammash M, Moser DK. Race Moderates the Association between Education Levels and Delay in Seeking Medical Care among Patients with Heart Failure, 2022 UNited In True racial Equity (UNITE) showcase, University of Kentucky, Lexington, KY (poster) |
| 2022, Feb | Williams LB, Azam T, Gomez ML, **Kang J**. The Physical, Mental and Financial Impact of COVID-19 among Non-rural Black and Rural White Church Congregants, 2022 Southern Nursing Research Society (Poster) |
| 2021, Nov | Biddle MJ, **Kang J**, Brewer D, Woods TA. Reducing Cardiovascular Risk among Participants in a Community Supported Agriculture Program, 2021 Scientific Session, American Heart Association (Poster, Virtual) |

**Peer-reviewed Publications** (\*:data-driven)

1. Wu JR, Latimer A, Thapa A, Arslanian-Engoren C, Smith JL, Thompson JH, Lin CY, **Kang J**, Hammash M, Amin MI, Biddle MJ, Lee KS, Heo S, Moser DK. (Accepted, Feb 2025) Multidimensional Determinants of Functional Status in Patients with Heart Failure, *Heart International\**
2. Thapa A, **Kang J**, Chung ML, Wu JR, Biddle MJ, Cha G, Moser DK. (Accepted, Dec 2024) The Interaction of Self-Care and Social Support in Predicting Quality of Life in Patients with Heart Failure. *Nursing Research.*\*
3. **Kang, J.,** Dzikowicz, D. J., & Alonso, W. W. (2025). American Heart Association Council on Cardiovascular and Stroke Nursing Liaison Report from the Communications Committee. The Journal of cardiovascular nursing, 10.1097/JCN.0000000000001177. Advance online publication.
4. Wu JR, Lin CY, **Kang J**, Moser DK. (production in process) Cognitive impairment and limited health literacy are associated with poor health outcomes in patients with heart failure. *J Rural Health*\*
5. Thapa, A., Rayens, M. K., Chung, M. L., Biddle, M. J., Wu, J. R., Lin, C. Y., **Kang, J.**, & Moser, D. K. (2025). Psychometric Testing of the Protocol for Responding to and Assessing Patient Assets, Risks, and Experiences (PRAPARE) in Patients With Heart Failure and Coronary Heart Disease. *Research in nursing & health*, 10.1002/nur.22440. Advance online publication. https://doi.org/10.1002/nur.22440\*
6. Cha, G., Chung, M. L., **Kang, J.**, Lin, C. Y., Biddle, M. J., Wu, J. R., Lennie, T. A., Thapa, A., & Moser, D. K. (2025). Association of depressive symptoms and engagement in physical activity with event-free survival in patients with heart failure. *Heart & lung : the journal of critical care*, *69*, 138–146. https://doi.org/10.1016/j.hrtlng.2024.10.003.\*
7. Heo S, **Kang J,** Barbé T, Kim J, Bertulfo TF, Troyan P, Streit L, Slocumb RH. Relationships of Multidimensional Factors to Diabetes Complications: A Cross-Sectional, Correlational Study. *West J Nurs Res*. 2024;46(9):664-673. doi:10.1177/01939459241271332.\*
8. Heo, S., **Kang, J.,** Barbé, T., Kim, J., Slocumb, R. H., Haley, B., & Wright, N. (2024). Relationships of Psychosocial Factors to Diabetes Self-efficacy: A Cross-sectional, Correlational Study. *The Journal of cardiovascular nursing*, 10.1097/JCN.0000000000001118. Advance online publication.\*
9. Latimer A, Pope ND, Lin CY, **Kang J**, Sasdi O, Wu JR, Moser DK, Lennie TA. Adapting the serious illness conversation guide for unhoused older adults: a rapid qualitative study. *BMC Palliat Care* **23**, 153 (2024). https://doi.org/10.1186/s12904-024-01485-5.\*
10. Dzikowicz D, **Kang J**, Alonso W. American Heart Association Council on Cardiovascular and Stroke Nursing Liaison Report from the Communications Committee. *J Cardiovas Nurs.* DOI: 10.1097/JCN.0000000000001121
11. Cha, G., Chung, M. L., Heebner, N. R., Bronas, U. G., Biddle, M. J., Lin, C. Y., **Kang, J.,** Wu, J. R., Thompson, J. H., Thapa, A., & Moser, D. K. (2024). Protocol for a feasibility randomized controlled trial of gentle yoga in older patients discharged from phase II cardiac rehabilitation. *Contemporary clinical trials communications*, *40*, 101320. https://doi.org/10.1016/j.conctc.2024.101320.\*
12. Adegboyega, A., **Kang, J.,** Aroh, A., & Williams, L. B. (2024). Perceived Barriers to Pap Screening Influence Adherence to Screening Recommendations Among Black Women. *Journal of women's health (2002)*, *33*(11), 1482–1491. https://doi.org/10.1089/jwh.2023.1024.*\**
13. Lin CY, Chung ML, Wu JR, Smith JL, Latimer A, **Kang J**, Thompson JH, Rayens MK, Feltner FJ, Biddle MJ, Lennie TA, Moser DK. The relationship of health activation with risk of future cardiovascular disease among rural family caregivers of patients with chronic illnesses. *J Rural Health.* 2024 May 29. doi: 10.1111/jrh.12850. Epub ahead of print. PMID: 38809261. \*
14. Thapa, A., **Kang, J.,** Chung, M. L., Wu, J. R., Latimer, A., Lennie, T. A., Lin, C. Y., Thompson, J. H., Cha, G., & Moser, D. K. (2024). Perceived Control, Functional Status, Depressive Symptoms, and Anxiety: Mediating and Moderating Influences on Health-Related Quality of Life in Patients With Heart Failure. *The Journal of cardiovascular nursing*, 10.1097/JCN.0000000000001100. Advance online publication. https://doi.org/10.1097/JCN.0000000000001100.\*
15. **Kang, J.,** Moser, D. K., Lennie, T. A., Chung, M. L., Thomas, D. T., & Biddle, M. J. (2024). Diet Quality Mediates the Relationship Between Chronic Stress and Inflammation in Patients With Metabolic Syndrome. *The Journal of cardiovascular nursing*, 10.1097/JCN.0000000000001072. Advance online publication. https://doi.org/10.1097/JCN.0000000000001072*.\**
16. Thapa, A., Chung, M. L., Wu, J. R., Latimer, A., Lennie, T. A., Mudd-Martin, G., Lin, C. Y., Thompson, J. H., **Kang, J.**, & Moser, D. K. (2024). Mediation by Fatalism of the Association Between Symptom Burden and Self-care Management in Patients With Heart Failure. *The Journal of cardiovascular nursing*, *39*(3), 229–236.*.\**
17. Heo S, An M, Kim SH, **Kang J**, Cho K, Yang J, Kim J. Psychometric Properties of the Advance Care Planning Engagement Survey-9 in Cardiovascular and Metabolic Diseases. *J Hosp Palliat Nurs.* Published online December 19, 2023. doi:10.1097/NJH.0000000000001007*.\**
18. Heo S, **Kang J,** Barbé T, Kim J, Bertulfo TF, Troyan P, Stewart D, Umeakunne E. Relationships of multidimensional factors to self-management in patients with diabetes: A Cross-sectional, correlational study. *Geriatr Nurs*. Published online December 13, 2023. doi:10.1016/j.gerinurse.2023.11.020*.\**
19. Kim J, Heo S, Yang J, Kim M, Park S, Cho K, **Kang J,** Yi H, An M. The moderating effect of attitudes in the relationship between knowledge and self-efficacy in palliative care among nurses: A cross-sectional, correlational study. *PLoS One*. 2023;18(10):e0292135. Published 2023 Oct 5. doi:10.1371/journal.pone.0292135 \*
20. Heo S, **Kang J,** Shin MS, Lim, YH, Kim SH, Kim S, An M, Kim J. Physical Symptoms, Depressive Symptoms, and Quality of Life in Patients With Heart Failure: Cluster Analysis *J Cardiovasc Nurs.* 2024;39(1):31-37. doi:10.1097/JCN.0000000000001043*.\**
21. Heo S, **Kang J,** Umeakunne E, Lee S, Bertulfo TF, Barbé T, Kim J, Black V, An M, Randolph J. Effects of Meditation Intervention on Self-management in Adult Patients With Type 2 Diabetes: A Systematic Literature Review and Meta-analysis. *J Cardiovasc Nurs.* 2023;38(6):581-592. doi:10.1097/JCN.0000000000000973
22. Biddle MJ, **Kang J**, Derringer J, Rose A, Brewer D, Chung M, Lennie T, Mudd-Martin G, Woods T. Examining Food Security, Choices and Barriers during COVID- 19 in Kentucky. *Journal of Hunger & Environmental Nutrition.* 2021:1-11. doi: 10.1080/19320248.2021.1994084\*
23. **Kang J**, Moser DK, Biddle MJ, Oh G, Lennie TA. Age- and sex-matched comparison of diet quality in patients with heart failure to similarly aged healthy older adults. *J Nutr Sci*. 2021;10:e65.\*
24. Williams LB, Fernander AF, Azam T, Gomez ML, **Kang J**, Moody CL, Bowman H, E Schoenberg N. COVID-19 and the impact on rural and black church Congregants: Results of the C-M-C project. *Res Nurs Health*. 2021 Jul 5. doi: 10.1002/nur.22167.\*
25. Heo S, Moser DK, Lennie TA, Kim J, Turrise S, Troyan PJ, **Kang J**, & Jones HJ. Self-Care Strategies and Interventions Needed in Patients with Heart Failure: From Patient Perspectives: A Qualitative Study. *Eur J Cardiovasc Nurs*. 2021 May 19. doi: 10.1093/eurjcn/zvaa033.\*
26. **Kang J**, Moser DK, Biddle MJ, Lennie, TA, Smyth, SS, Vsevolozhskaya, OA. Inflammatory properties of diet mediate the effect of depressive symptoms on Framingham Risk Score in men and women: Results from the National Health and Nutrition Examination Survey (2007-2014). *Nutr Res.* 2020 Feb;74:78-86. doi: 10.1016/j.nutres.2019.11.008.\*
27. Chung ML, Lee SJ, Moser DK, **Kang J**, Lennie TA. A Comparison of Diet Quality of Patients with Heart Failure and Their Family Caregivers. *J Cardiovasc Nurs.* 2020 Jan 3. doi: 10.1097/JCN.0000000000000635.\*
28. Okada A, Tsuchihashi-Makaya M, **Kang J**, Aoki Y, Fukawa M, Matsuoka S. Symptom Perception, Evaluation, Response to Symptom, and Delayed Care Seeking in Patients with Acute Heart Failure: An Observational Study. *J Cardiovasc Nurs.* 2019 Jan/Feb;34(1):36-43. doi: 10.1097/JCN.0000000000000526.\*
29. Paul P, Gillory LA, **Kang J**, Qiao J, Chung DH. Targeting gastrin-releasing peptide as a new approach to treat aggressive refractory neuroblastomas. *Surgery*. 2011, 149(3):425-32.\*
30. Rychahou PG, **Kang J**, Gulhati P, Doan HQ, Chen LA, Xiao SY, Chung DH, Evers BM. Akt2 over expression plays a critical role in the establishment of colorectal cancer metastasis. *Proc Natl Acad Sci U S A*. 2008, 105(51):20315-20.\*
31. Qiao J, **Kang J**, Ishola TA, Rychahou PG, Evers BM, Chung DH. Gastrin-releasing peptide receptor silencing suppresses the tumorigenesis and metastatic potential of neuroblastoma. *Proc Natl Acad Sci U S A*. 2008, 105(35):12891-6.\*
32. **Kang J**, Rychahou PG, Ishola TA, Mourot JM, Evers BM, Chung DH. N-myc is a novel regulator of PI3K-mediated VEGF expression in neuroblastoma. *Oncogene.* 2008, 27(28):3999-4007.\*
33. Qiao J, **Kang J**, Cree J, Evers BM, Chung DH. Ets 1 transcription factor mediates gastrin releasing peptide-induced IL-8 regulation in neuroblastomas cells. Neoplasia 2007, 9(3):184-9.\*
34. **Kang J**, Ishola TA, Baregamian N, Mourot JM, Rychahou PG, Evers BM, Chung DH. Bombesin induces angiogenesis and neuroblastoma growth. *Cancer Lett.* 2007, 253(2):273- 81.\*
35. Ishola TA, **Kang J**, Qiao J, Evers BM, Chung DH. Phosphatidylinositol 3-kinase regulation of gastrin-releasing peptide-induced cell cycle progression in neuroblastomas cells. *Biochem Biophys Acta* 2007, 1770(6):927-32.\*
36. **Kang J**, Rychahou PG, Ishola TA, Qiao J, Evers BM, Chung DH. MYCN silencing induces differentiation and apoptosis in human neuroblastoma cells. *Biochem Biophys Res Commun*. 2006, 351(1):192-7.\*
37. Qiao J, **Kang J**, Ko TC, Ever BM, Chung DH. Inhibition of transforming growth factor- b/Smad signaling by phosphatidylinositol 3-kinase pathway. *Cancer Lett*. 2006, 242(2):207- 14.\*
38. **Kang J**, Kamal A, Burrows FJ, Evers BM, Chung DH. Inhibition of neuroblastomas xenografts growth by heat shock protein 90 inhibitors. Anticancer research. 2006, 26(3A):1903-8.\*
39. Qiao J, **Kang J**, Cree J, Evers BM, Chung DH. Gastrin-releasing peptide-induced down- regulation of tumor suppressor protein PTEN (phosphatase and tensin homolog deleted on chromosome ten) in neuroblastomas. *Ann Surg*. 2005, 241(5):684-91.\*
40. Kim S, Domon-Dell C, **Kang J**, Chung DH, Freund JN, Evers BM. Down-regulation of the tumor suppressor PTEN by the tumor necrosis factor-alpha/nuclear factor-kappaB (NF- kappaB)-inducing kinase/NF-kappaB pathway is linked to a default IkappaB-alpha autoregulatory loop. *J Biol Chem*. 2004, 279(6):4285-91.\*
41. Qiao J, Cree J, **Kang J**, Kim S, Evers BM, Chung DH. Ets transcriptional regulation of gastrin-releasing peptide receptor in neuroblastomas. *Surgery*. 2004, 136(2):489-94.\*
42. Kim S, **Kang J**, Evers BM, Chung DH. Interferon-gamma induces caspase-8 in neuroblastomas without affecting methylation of caspase-8 promotor. *J Pediatr Surg*. 2004, 39(4):509-15.\*
43. [Kim S, **Kang J**, Qiao J, Thomas RP, Evers BM, Chung DH. Phosphatidylinositol 3-kinase inhibition down-regulates survivin and facilitates TRAIL-mediated apoptosis in neuroblastomas. J Pediatr Surg. 2004, 39(4):516-21.](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=pubmed&dopt=Abstract&list_uids=15065019)\*
44. Kim S, **Kang J**, Hu W, Evers BM, Chung DH. Geldanamycin decreases Raf-1 and Akt levels and induces apoptosis in neuroblastomas. *Int. J. Cancer*. 2003, 103(3):352-9.\*

**Publications in review** (\*:data-driven)

1. Wang YR, Lin FM, Ye LX, Yu LY, Biddle MJ, **Kang J**, Chen CM Exploring the mediating role of healthy aging perspectives among older people with chronic disease between Taiwan and China: A cross-sectional questionnaire study\*
2. **Kang J**, Moser DK, Biddle MJ, Rayens MK, Heo S, Lennie TA. Proinflammatory Diet Independently Predicts Shorter Event-free Survival in Patients with Heart Failure\*
3. Cha, G., **Kang, J.,** Heebner, N. R., Biddle, M. J., Thapa, A., Lin, C. Y., Wu, J. R., Bronas, U. G., Thompson, J. H., & Moser, D. K. Risk Factors for Sedentary Time and Their Mediation by Sleep Disturbances Among Depressed Rural Patients with Cardiovascular Disease: A Path Analysis.\*
4. Heo S, Barbé T, Kim J, Bertulfo TF, Troyan P, Streit L, **Kang J,** Slocumb RH. Factors Associated with Quality of Life in Nursing Students: A Cross-Sectional, Correlational Study.
5. Cha G, **Kang J,** Thapa A, Wu JR, Heebner NR, Latimer AL, Lin CY, Biddle MJ, Bronas UG, Thompson JH, Svynarenko R, Park J, Moser DK. Feasibility, Acceptability, and Outcomes of a Two-group Randomized Controlled Pilot of a Gentle Yoga Intervention for Older Adults Post-Phase II Cardiac Rehabilitation.\*
6. Thapa A, Cha G, Wu JR, Biddle MJ, Latimer AL, Dignan MB, Lin CY, **Kang J**, Moser DK. The Association of Social Determinants of Health and Depressive Symptoms with Quality of Life among Rural Patients with Heart Failure and Coronary Heart Disease.\*
7. Lin CY, Wu JR, Cha G, **Kang J**, Biddle MJ, Chung ML, Thapa A, Rayens MK, Gibson-Young L, Moser DK. Degree of rurality moderates the association of sedentary time with cognitive function in rural patients with cardiac diseases and depressive symptoms.\*
8. **Kang J**, Katsumata Y, Chung ML, Lennie TA, Biddle MJ, Wu JR, Rayens MK, Smith JL, Feltner FJ, Moser DK. Health Literacy Moderates the Impact of a Cardiovascular Disease Risk Reduction Self-care Intervention on Diet Quality in Informal Rural Caregivers of Patients with Chronic Illnesses: A Randomized Controlled Trial\*
9. Issahaku A, **Kang J**, Biddle MJ, Thapa A, Cha G, Moder DK. Renal Dysfunction and Health-Related Quality of Life in Heart Failure: A Mediation Analysis of Patient-Centered Outcomes (under review by co-authors).\*
10. Biddle, M.J., **Kang, J**., Thapa, A., Chung, M.L., Moser, D.K., Inflammation and Oxidative Stress Response to a Dietary Intervention in Individuals with Metabolic Syndrome. (under review by co-authors).

# Published Abstracts

|  |
| --- |
| 1. Latimer A, Wu JR, Knoepke C, **Kang J**, Moser D. Depressive Symptoms, Not Functional Status, Predict Morbidity And Mortality In Older Adults With Heart Failure. *Innovation in Aging*. 2024 Dec 31;8(Suppl 1):444. 2. **Kang J**, Cha G, Lin CY, Wu JR, Okoli C, Latimer A, Lennie T, Biddle M, Chung M, Moser D. Age and Sex Multiplicatively Moderate the Association of Daily Sedentary Time with Depressive Symptoms in Rural Patients with Cardiovascular Diseases. Circulation. 2024 Nov 12;150(Suppl\_1):A4141833-. 3. Cha G, **Kang J,** Lin CY, Heebner N, Wu JR, Biddle M, Chung M, Thapa A, Lennie T, Moser D. Mental Health and Sleep Quality as Determinants of Physical Activity Levels in Depressed Rural Patients with Coronary Heart Disease. *Circulation*. 2024 Nov 12;150(Suppl\_1):A4128698-. 4. Awal I, Cha G, Thapa A, **Kang J**, Chung M, Biddle M, Wu JR, Latimer A, Thompson J, Moser D. Differences in Patient-Centered Outcomes Between Patients with Heart Failure and With and Without Renal Dysfunction. *Circulation*. 2024 Nov 12;150(Suppl\_1):A4143989-. 5. Wu JR, Lin CY, Biddle M, **Kang J,** Latimer A, Cha G, Thapa A, Lennie T, Moser D. How do sleep quality and heart failure symptoms impact functional status among patients with heart failure? *Circulation*. 2024 Nov 12;150(Suppl\_1):A4136745-. 6. Moser D, Wu JR, Latimer A, **Kang J**, Lin CY, Chung M. Managing Depression in Rural Depressed Cardiac Patients in the Face of Perceived Depression Stigma: A Randomized Controlled Trial of Two Types of Online Cognitive Behavioral Therapy. *Circulation*. 2024 Nov 12;150(Suppl\_1):A4146454-. 7. Thompson J, Wu JR, Chung M, Cha G, Latimer A, Lin CY, **Kang J**, Biddle M, Moser D. Does Cognition Effect the Outcomes of Two Types of Virtual Cognitive Behavioral Therapy Interventions to Improve Depressive Symptoms in Patients with Cardiovascular Disease?. *Circulation*. 2024 Nov 12;150(Suppl\_1):A4143858-. 8. Thapa A, **Kang J**, Latimer A, Wu JR, Chung M, Biddle M, Lin CY, Moser D. Health Disparities in Quality of Life Among Black Patients with Heart Failure: The Roles of Depressive Symptoms and Functional Status. *Circulation*. 2024 Nov 12;150(Suppl\_1):A4123886-. 9. **Kang J**, Moser DK, Lennie T, Chung ML, Thomas T, Biddle MJ. Abstract 17458: Diet Quality Mediates the Relationship Between Chronic Stress and Inflammation in Patients With Metabolic Syndrome. *Circulation.* 2023;148(Suppl\_1):A17458-A17458. |
| 1. **Kang J**, Lennie TA, Biddle MJ, Chung ML, Moser DK. Abstract 17382: Black Patients With Heart Failure Consume Diets That Are More Proinflammatory and Higher in Micronutrient Insufficiencies Than White Patients. *Circulation.* 2023;148(Suppl\_1):A17382-A17382. |
| 1. **Kang J**, Lennie T, Biddle MJ, Chung ML, Lin C-Y, Wu JR. Abstract 17418: Daily Intake of Fruits and Vegetables Moderates the Effect of a Nutrition Intervention on Symptom Burden in Patients With Heart Failure. *Circulation.* 2023;148(Suppl\_1):A17418-A17418. |
| 1. Moser DK, **Kang J**, Song M, Chung ML. Abstract 18787: Rural Intervention for Caregivers’ Heart Health: A Randomized Controlled Trial. *Circulation*. 2023;148(Suppl\_1):A18787-A18787. |
| 1. Wu J., Lin C., **Kang J**., Chung ML., Miller J., Martin GM, Biddle MJ., Rayens MK., Lennie TA., Okoli CC., Fisher MB., Feltner FJ., Moser DK. Abstract 13984: Obstructive Sleep Apnea and Quality of Life in Patients With Heart Failure or Coronary Heart Disease. *Circulation*. 2023;148(Suppl\_1):A13984-A13984. |
| 1. Thompson JH, Biddle MJ, Lee CS, Lennie TA, **Kang J**, Moser DK. Abstract 16940: Nutrient Intake of Patients with Heart Failure: Different Profiles Reveal Different Intervention Targets. *Circulation*. 2023;148(Suppl\_1):A16940-A16940. |
| 1. Smith JL, **Kang J**, Miller J, Chung ML, Moser DK. Abstract 17390: The Impact of The Covid-19 Pandemic on Perceived Stress in Rural Caregivers Participating in a Cardiovascular Risk Reduction Intervention. *Circulation*. 2023;148(Suppl\_1):A17390-A17390. |
| 1. Lin CY, Moser D, Wu JR, Lennie T, **Kang J**, Chung ML. Abstract 17733: Self-Care Maintenance Moderated the Associations Among Symptom Burden, Functional Status, and Quality of Life in Patients with Heart Failure: A Moderated Mediation Analysis. *Circulation*. 2023;148(Suppl\_1):A17733-A17733. |
| 1. Thapa A, **Kang J**, Chung ML, Wu JR, Biddle MJ, Moser DK. Abstract 12756: The Interplay of Self-Care Maintenance, Social Support, Depressive Symptoms and Anxiety in Predicting Quality of Life in Patients With Heart Failure. *Circulation.* 2023;148(Suppl\_1):A12756-A12756. |
| 1. Heo S, An M, Kim S, **Kang J**, Yang J, Kim J, & Cho K. Abstract 13088: The Psychometric Properties of the Advance Care Planning Engagement Survey in Cardiovascular Diseases. *Circulation.* 2023;148(Suppl\_1):A13088-A13088. |
| 1. Heo S, An M, Kim S, **Kang J**, Cho K., Yang J, & Kim J. Abstract 12817: The Mediator Role of Physical Function in the Relationship Between Caregiver Contribution to Self-Care and Caregiver Quality of Life in Heart Failure. *Circulation.* 2023;148(Suppl\_1):A12817-A12817. |
| 1. Biddle M, **Kang J**, Brewer D. A simple dietary intervention to reduce inflammation and oxidative stress in individuals with metabolic syndrome. *European Journal of Cardiovascular Nursing.* 2023;22(Supplement\_1):zvad064.149. |
| 1. Adegboyega A, **Kang J,** Williams LB. Perceived Barriers to Pap Screening Influence Being up to date with Cervical Cancer Screening. International Cancer Education Conference, Toronto, Ontario, Canada. October 4-October 6, 2023. Abstract P18-B. *Journal of Cancer Education* Volume 38:s1. |
| 1. Lin C, Latimer A, Lennie TA, Chung ML, Wu J, Heo S, **Kang J**, Moser DK. Association of Social Support With Symptom Status Among Patients With Heart Failure: The Mediating Effects Of Attitude, Subjective Norm, And Perceived Behavioral Control Toward Following A Low-sodium Diet*. Journal of Cardiac Failure.* 2023;29(4):559. doi: 10.1016/j.cardfail.2022.10.034 |
| 1. **Kang J**, Moser DK, Hayes AF, Lin C, Latimer A, Heo S, Lennie TA. Does Diet Monotony Mediate? The Association of Financial Status With Dietary Micronutrient Insufficiency In Patients With Heart Failure. *Journal of Cardiac Failure*. 2023;29(4):549-550. doi:10.1016/j.cardfail.2022.10.011 |
| 1. Latimer A, Lin C, **Kang J**, Chung ML, Wu J, Moser DK. Effect Of Social Support On Depressive Symptoms: Moderated Moderation Of Age And Support Satisfaction In Older Adults With Heart Failure. *Journal of Cardiac Failure* 2023;29(4):561. doi: 10.1016/j.cardfail.2022.10.038 |
| 1. Heo S, Kim J, An M, Yang J, Kim M, Park S, Cho K, **Kang J**. Abstract 10081: The Moderator Role of Attitudes in the Relationship Between Knowledge and Self-Efficacy in Palliative Care Among Nurses: A Cross-Sectional, Correlational Study. *Circulation*. 2022;146(Suppl\_1):A10081-A10081. |
| 1. **Kang J**, Katsumata YK, Lennie TAL, Chung ML, Biddle MJ, Miller, JM, Moser DK. Sustained effect on diet quality of a self-care intervention to reduce cardiovascular disease risk among informal rural caregivers of people with chronic illnesses: does health literacy matter? *European Heart Journal*. 2022;43(Supplement\_2) doi:10.1093/eurheartj/ehac544.2739; <https://doi.org/10.1093/eurheartj/ehac544.2739> |
| 1. **Kang J**, Chung ML, Biddle MJ, Lennie TA, Miller J, Moser DK. Abstract 12197: Rural Caregivers With Low Health Literacy Show Greater Improvements in Diet Quality From a Cardiovascular Disease Risk Reduction Intervention Designed to Address Low Health Literacy Than Those With High Health Literacy. *Circulation*. 2021;144(Suppl\_1):A12197-A12197. |
| 1. Biddle MJ, **Kang J**, Brewer D, Woods TA. Abstract 10560: Reducing Cardiovascular Risk Among Participants in a Community Supported Agriculture Program. *Circulation*. 2021;144(Suppl\_1):A10560-A10560. |
| 1. **Kang J**, Moser DK, Biddle MJ, Lennie TA. Abstract 15644: Proinflammatory Diet Independently Predicts Shorter Event-free Survival in Patients with Heart Failure. *Circulation*. 2020;142(Suppl\_3):A15644-A15644. |
| 1. **Kang J**, Moser DK, Biddle M, Lennie TA, Smyth S, Vsevolozhskaya O. Abstract 12261: Inflammatory Properties of Diet Mediate the Relationship Between Depressive Symptoms and Cardiovascular Disease Risk in Men and Women. *Circulation*. 2019;140(Suppl\_1):A12261-A12261. |
| 1. Chung ML, Moser DK, Kang J, Lennie TA. Abstract 18116: Patients With Heart Failure Eat Same Quality of Diet as Their Family Caregivers. *Circulation*. 2017;136(suppl\_1):A18116-A18116. |
| 1. Chung ML, Moser DK, **Kang J**, Lennie TA. Abstract 18053: Dietary Quality was Similar in Patients with Heart Failure Regardless of Their Adherence to Sodium Restricted Diet. *Circulation*. 2017;136(suppl\_1):A18053-A18053. 2. Biddle MJ, **Kang J**, Miller JL, et al. Abstract 16559: Implantable Cardioverter Defibrillator Recipient’s Perceptions of Healthcare Provider’s Discussions Related to Device Therapy. *Circulation*. 2016;134(suppl\_1):A16559-A16559. |
| 1. **Kang J**, Biddle MJ, Moser DK, Lennie TA. Abstract 20577: Heart Failure Patients Have Lower Diet Quality and Higher Added Sugar Consumption Compared to Age and Sex-Matched Community Dwelling Adults. *Circulation*. 2016;134(suppl\_1):A20577-A20577. |
| 1. **Kang J**, Biddle MJ, Lennie TA, Moser DK. Abstract 11926: An Intensive Heart Health Intervention Can Improve Diet Quality and Reduce Cardiovascular Risk Factors in Individuals Residing in Rural Environments. *Circulation.* 2015;132(suppl\_3):A11926-A11926. |
| 1. Lennie TA, **Kang J**, Chung ML, Song EK, Heo S, Dunbar SB, Westneat S, Moser DK, (2014) The Healthy Eating Index is Not a Predictor of Event-Free Survival in Patients with Heart Failure, *Journal of Cardiac Failure* 20(8S):S104, DOI: <https://doi.org/10.1016/j.cardfail.2014.06.293> 2. **Kang J**, Rychahou PG., Ishola T, Mourot JM, Evers BM, Chung DH. Phosphatidylinositol 3-kinase and MYCN regulation of VEGF expression in neuroblastoma cells. Cancer Res (2007) 67 (9\_Supplement): 1367. 3. Qiao J, **Kang J**, Ishola T, Evers BM, Chung DH. Phosphatidylinositol 3-kinase/Akt pathway is involved in retinoic acid-induced neuroblastomas cell differentiation. J Surg Res 130:283, 2006 (A335). 4. Qiao J, **Kang J**, Ishola T, O’Connor K, Evers BM, Chung DH. Overexpression of gastrin-releasing peptide receptor upregulates integrin expression in neuroblastomas cells. J Surg Res 130:282, 2006 (A334). 5. Qiao J, Cree J, **Kang J**, Evers BM, Chung DH. Transcription factor Ets regulates interleukin-8 expression in neuroblastomas cells. Proc Am Assoc for Cancer Res 46:14, 2005(A59) 6. Qiao J, **Kang J**, Evers BM, Chung DH. Gastrin-releasing peptide-induced downregulation of tumor suppressor protein PTEN in neuroblastomas. Proceedings of the 116th Southern surgical Assoc., Dec. 2004. 7. Qiao J, **Kang J**, Evers BM, Chung DH. Ets transcription factor-induced regulation of matrix metalloproteinase in neuroblastomas. J Am College of Surg 199:S54, 2004. 8. **Kang J**, Rychahou P, Qiao J, Evers BM, Chung DH. MYCN RNA interference decreases anti-apoptotic gene expression and proliferation of neuroblastomas. J Am College of Surg 199:S54, 2004. 9. Qiao J, **Kang J**, Evers BM, Chung DH. Gastrin-releasing peptide promotes neuroblastomas cell growth by activation of phosphatidylinositol. Regul Peptides 122:13, 2004 (A32). 10. **Kang J**, Qiao J, Evers BM, Chung DH. Histone deacetylase inhibitors down-regulate MYCN and decrease neuroblastomas growth. Proceedings of the International society of Pediatric Surgical Oncology, May 2004. 11. Qiao J, **Kang J**, Evers BM, Chung DH. Overexpression of gastrin-releasing peptide receptor promotes neuroblastomas cell growth by activation of phosphatidylinositol 3-kinase. Gastroenterology 126:A554, 2004. 12. Song J, **Kang J**, Li J, Qiao J, Evers BM, Chung DH. Oxidative stress-induced activation of protein kinase D in intestinal epithelial cells. Gastroenterology 126:A139, 2004. 13. Qiao J, Kim S, **Kang J**, Evers BM, Chung DH. Negative regulation of transforming growth factor beta/SMAD by phosphatidylinositol 3-kinase pathway in neuroblastomas. J Am Coll Surg 197(supple):S50, 2003 (A). 14. Kim S, Thomas RP, **Kang J**, Evers BM, Chung DH. PI3-kinase inhibition increases TRAIL-induced apoptosis in neuroblastoma. J Am College Surg 195(S):542, 2002. 15. Kim S, **Kang J**, Kelly DR, Hellmich MR, Evers BM, Chung DH. Mitogenic actions of gastrin-releasing peptide in neuroblastomas. Regul Peptides 108:22, 2002 (p43). |

# Media Published in recent 5 years

American Heart Association News. Eating foods that promote inflammation may worsen heart failure. <https://www.heart.org/en/news/2020/11/30/eating-foods-that-promote-inflammation-may-worsen-heart-failure>

# INVITED and Community Presentations

|  |  |
| --- | --- |
| 2025, Aug | Invited co-speaker for a focused session, “Writing Effective Abstracts: Quantitative and Qualitative Approaches,” Southern Nursing Research Society |
| 2025, July | Augusta University College of Nursing PhD Intensive Week (Guest Speaker), Role of Diet Quality in Cardiovascular Health: From Psychological Status to the Microbiome, Augusta University, GA |
| 2025, Apr | Keynote Speaker, Delta Psi Chapter of Sigma Theta Tau Honor Society of Nursing Induction Ceremony,Metabolic Syndrome: A Dietary Intervention to Reduce Inflammation and Oxidative Stress: NDSR training, Berea College, KY |
| 2023, Feb | Preventing Heart Disease, UK-union County Extension Heart Health Program, Morganfield, KY (Co-presenters: Kang J. & Biddle MJ.) |
| Oct, 2019 | Metabolic Syndrome: A Dietary Intervention to Reduce Inflammation and  Oxidative Stress. (NDSR training), Delta Psi Chapter of Sigma Theta Tau Honor Society of Nursing, Lexington, KY |
| Oct, 2019 | A Dietary Intervention to Reduce Inflammation and Oxidative Stress in Individuals with Metabolic Syndrome. Senior Center at Charles Young  Center, KY |
| Sep, 2019 | Metabolic Syndrome: A Dietary Intervention to Reduce Inflammation and  Oxidative Stress. Lexington Senior Center, KY |

**Professional Memberships**

|  |  |  |
| --- | --- | --- |
| 2023-present | European Society of Cardiology (Heart Failure) | |
| 2022-2023 | European Society of Cardiology | |
| 2022-present | Kentucky Public Health Association | |
| 2018-present | Heart Failure Society of America | |
| 2017-2021 | American Public Health Association | |
| 2016-Present | Southern Nursing Research Society | |
| 2015-Present | Delta Psi/Sigma Theta Tau International Honor Society of Nursing | |
| 2014-2021 | Graduate Nursing Student Academy at the American Association of College of Nursing | |
| 2013-Present | American Heart Association | |
| **LECTURES/TEACHING SERVICE** | | | |
| 2025, Spring | Primary Lecturer, NUR794 Analysis, Interpretation, and Presentation of Quantitative Data, University of Kentucky, Lexington, KY |
| 2024, Nov | Guest Lecturer, NUR773 Research Proposal Development, “Proposal Writing: Data Management and Analysis”, University of Kentucky, Lexington, KY |
| 2024, Mar | Guest Lecturer, NUR765 Research Design & Methods: Qualitative, Quantitative and Mixed Methods Research, “Research Methods: Study Design and Validity”, University of Kentucky, Lexington, KY |
| 2023, Jul | RICH Writing Institute Summer 2022 In-person and Online Synchronous with Consultation, “How to Organize Results: Quantitative” (Co-teacher), Chang Gung University of Science and Technology, Taoyuan, Taiwan |
| 2023, 2025 | Guest Lecturer, NUR772 Dissemination of Scholarship and Scientific Findings “Preparing a manuscript: Result section development”, University of Kentucky, Lexington, KY |
| 2022, Fall | Instructor, NUR793 Measurement of Nursing Phenomena, “Finding, Selecting, and Critiquing Existing Measures”, “Issues in Collecting Data via Non-Traditional Methods (e.g. REDCap, Facebooks, Apps)”, “Scale Development”, “Use of Biological Measures in Nursing Research”, University of Kentucky, Lexington, KY |
| 2022, Jul | RICH Writing Institute Summer 2022 Online Synchronous with Consultation, “How to Organize Results: Quantitative” (Co-teacher), RICH Heart Group, University of Kentucky, Lexington, KY |
| 2022, Mar | Guest Lecturer, NUR772, Dissemination of Scholarship and Scientific Findings “Preparing a manuscript: Writing your results section”, University of Kentucky, Lexington, KY |
| 2020, Feb | Nursing 310-002 Research for Evidence-Based Nursing Practice “My Research: Association among Chronic stress, Diet Quality, and Oxidative Stress and Inflammation in patients with metabolic syndrome”, University of Kentucky, Lexington, KY |
| 2018, Mar | NUR794, Analysis, Interpretation, and Presentation of Quantitative Data, “Nonparametric and parametric bivariate statistics (Co-teaching)” University of Kentucky, Lexington, KY |
| 2017, Sep | NUR792, Analysis, Interpretation, and Presentation of Quantitative Data, “Sampling, recruitment and ethical issues related to participants (Co-teacher)”, University of Kentucky, Lexington, KY |
| 2017, Mar | NUR793, Analysis, Interpretation, and Presentation of Quantitative Data, “Issues in Collecting Data via Internet (Co-teacher)”, University of Kentucky, Lexington, KY |
| 2017, Apr | BST230, Statistical Thinking in Public Health “Cardiovascular Health in Rural Areas”, Department of Biostatistics, University of Kentucky, Lexington, KY |
| 2017, Feb | BST580, Biostatistics I “Chi-Square test (Co-teaching)”, College of Public Health, University of Kentucky, Lexington, KY |

# Academic/Professional Service

# Academic Service

|  |  |
| --- | --- |
| 2025, Mar- | Member, Tenure-track search committee, College of Nursing, University of Kentucky |
| 2024 - 2025 | Member, College of Nursing Discovery Pillar of the Strategic Planning Group, University of Kentucky |
| 2024, Jan | Panel, Demystifying the qualifying exam and dissertation defense, University of Kentucky College of Nursing |
| 2022 - 2024 | Postdoc Mentor for PhD students, RICH Heart Group, University of Kentucky |
| 2023, Apr | PhD Panel, NUR 334, Research and Scholarship for Nursing Practice, University of Kentucky |
| 2023, Spring | Teaching Assistant (feedback on each section of proposal development and grading final proposals), NUR765, Research design and methods: Qualitative, Quantitative, and Mixed Methods Research, University of Kentucky |
| 2022, Nov | PhD Panel, NUR 334, Research and Scholarship for Nursing Practice, University of Kentucky |
| 2022, Fall | Teaching Assistance (feedback and grading each section of proposals, oral presentations, and final proposals), NUR773, Research Proposal Development, University of Kentucky |
| 2022, Mar | Panel, Demystifying the PhD qualifying exam, University of Kentucky College of Nursing |
| 2022, Spring | Teaching Assistant (feedback on poster and oral presentations, feedback on manuscripts in preparation and final manuscripts), NUR772, Dissemination Scholarship and Scientific Findings, University of Kentucky, Lexington, KY |
| 2022, Spring | Teaching Assistant (creating supplemental material, statistical consultation, grading assignments, oral presentations, and final manuscripts), NUR794, Analysis, Interpretation, and Presentation of Quantitative Data, University of Kentucky, Lexington, KY |
| 2020, Mar | Panel, Demystifying the qualifying exam, University of Kentucky College of Nursing, Lexington, KY |
| Dec 2019 | Panel, NUR 310, Undergraduate research/EBP: Why a PhD in Nursing,  University of Kentucky, Lexington, KY |
| 2019-2020 | PhD student Mentor, University of Kentucky College of Nursing, Lexington, KY |
| 2018, Fall | Assistant in teaching NUR792 (grading final presentations and proposals), Quantitative Methods in Nursing Research, University of Kentucky, Lexington, KY |
| 2018, Spring | Assistant in teaching, NUR794 (grading assignments, oral presentations, and final manuscripts), Analysis, Interpretation, and Presentation of Quantitative Data, University of Kentucky, Lexington, KY |
| 2017, Fall | Assistant in teaching NUR792 (feedback on assignments and final presentation and manuscripts), Quantitative Methods in Nursing Research, University of Kentucky, |
| 2015-2016 | Facilitator, Interprofessional Health Education (IPE), University of Kentucky |
| **Professional Service** | |
| 2023-present | Joint Liaison, Council on Cardiovascular and Stroke Nursing to the Journal of Cardiovascular Nursing, American Heart Association |
| 2023-present | Committee member, Student Engagement Sub-Committee of the Membership Committee, Southern Nursing Research Society |
| 2017-present | Liaison for the Cardiovascular and Stroke Nursing Council at the Nutrition Committee of the Council on Lifestyle and Cardiometabolic Health, American Heart Association |
| 2022-2023 | Committee member, Membership Committee, Southern Nursing Research Society |
| 2022- (2026) | Committee Member, Cardiovascular and Stroke Nursing (CVSN) Communications Committee of the Council on CVSN, American Heart Association |
| 2022, Summer | Manuscript consultant and interpreter for Korean research scholars, RICH Writing Institute, RICH Heart Group, University of Kentucky |
| 2021 - Present | Chair, Leadership Succession Committee, Delta Psi, Sigma Theta Tau International Honor Society of Nursing |
| 2020 - 2021 | Student representative, Instructional Design Innovation Council, College of Nursing, University of Kentucky, Lexington, KY |
| 2020 - 2021 | Student representative, Leadership Succession Committee, Delta Psi, Sigma Theta Tau International Honor Society of Nursing |
| 2018 - 2019, Summer | Statistical consultant and interpreter for Korean and Japanese research scholars, RICH Writing Institute, RICH Heart Group, University of Kentucky, Lexington, KY |
| 2019-2021 | Student Liaison, Biobehavioral Research Interest Group (RIG), Southern Nursing Research Society |
| 2018- 2021 | Student network representative, Membership Committee, Southern Nursing Research Society |
| 2018, May | Statistical consultant, RICH Writing Institute for College of Nursing faculty members and PhD students, RICH Heart Group, University of Kentucky, Lexington, KY |
| 2017-2018 | Chair, Graduate Nursing Activities and Advisory Council travel award committee, University of Kentucky, Lexington, KY |
| 2017, Summer | Statistical consultant and interpreter for Korean and Japanese researchers, RICH Writing Institute, RICH Heart Group, University of Kentucky, |
| 2017 | Chair, Graduate Nursing Activities and Advisory Council, University of  Kentucky |
| 2016 | Vice-Chair, Graduate Nursing Activities and Advisory Council, University of Kentucky |
| 2015-2016 | PhD student representative, PhD committee, College of Nursing, University of Kentucky |
| 2014-2015 | Member at large, Graduate Nursing Activities and Advisory Council, University of Kentucky |
|  |  |

# REVIEWER ACTIVITIES

|  |  |
| --- | --- |
| 2025, Spring | Poster reviewer, College of Nursing Scholarship Showcase, 2025 Center for Clinical and Translational Science Conference, University of Kentucky |
| 2024 - Present | Circulation: Heart Failure |
| 2024 - Present | Frontiers in Public Health |
| 2024 - Present | Abstract Reviewer, American Heart Association Scientific Session |
| 2024 - Present | Research in Nursing & Health |
| 2024 - Present | European Journal of Cardiovascular Nursing |
| 2024 - Present | Current Nutrition & Food Science |
| 2023 - Present | British Medical Journal (BMJ) Open |
| 2022 - Present | Journal of Cardiovascular Nursing |
| 2021 | Guest Peer Reviewer, Journal of Nutritional Science |
| 2018 - 2019 | Abstract reviewer, American Public Health Association Annual Meeting and Expo (Health Education and Health Promotion program [2018] and Nursing program [2019]) |

# TRAINING/PROFESSIONAL DEVELOPMENT

|  |  |
| --- | --- |
| 2025, Spring  & Summer | Faculty Success Alumni Program, National Center for Faculty Development and Diversity (NCFDD) |
| 2024, Fall | Faculty Success Program (10 weeks), National Center for Faculty Development and Diversity (NCFDD) |
| 2024 - 2025 | College of Nursing Pre-tenured Faculty Mentorship Program, University of Kentucky, KY |
| 2024, Spring | Introduction to the Analysis of Electronic Health Records (by Jesse Gronsbell), Code Horizons |
| 2024, Spring | Longitudinal Data Analysis Using SEM (by Paul Allison), Statistical Horizons |
| 2022, Spring | Mediation, Moderation, and Conditional Process Analysis: A Second  Course, University of Calgary, Canada (by Andrew Hayes) |
| 2021, Spring | Structural Equation Modeling: Part 1 (by Paul Allison), Statistical  Horizons |
| 2021, Feb | 2021 Future Graduate and Professional Student Leaders Conference,  Graduate Student Congress, University of Kentucky |
| 2020, Fall | Introduction to Mediation, Moderation, and Conditional Process  Analysis (by Andrew Hayes) |
| 2019, Summer | Leadership program for a successful academic career, Global Korean  Nursing |
| 2015 | Clinical Research Coordinator 101 Training KY |
| 2011 | UHC/AACN Post-baccalaureate Nurse Residency Program (UTMB) |
| 2011 | Advanced Cardiac Surgery Workshop (UTMB) |
| 2010-present | Basic Cardiac Life Support (BCLS-CPR) |
| 2007 | Hazard Communication Act (HCA) Training (UTMB) |
| 2007 | Research Laboratory Bio-Safety Level 2 Training (UTMB) |
| 2002 | Introduction to Molecular Biology Techniques (UTMB) |