

# Misook Lee Chung, PhD, RN, FAHA, FAAN

## Curriculum Vitae

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### **Education:**

<b>Institution</b>	<b>Degree or Diploma</b>	<b>Dates</b>	<b>Field(s) of Study</b>
University of Kentucky, Lexington, KY	Postdoctoral fellowship	2002-2004	Cardiovascular Nursing
University of Kentucky, Lexington, KY	Ph.D.	2001	Nursing
Ewha Womans University, Seoul, S. Korea	M.S.N	1990	Nursing
Ewha Womans University, Seoul, S. Korea	B.S.N.	1986	Nursing

### **License**

State of Kentucky Board of Nursing RN license #1068788 1991 to present

### **Professional Experience:**

<b>Dates</b>	<b>Institution and Location</b>	<b>Position</b>
3/2020- 2/2022	Yonsei University, Seoul, Korea	Professor (Joint faculty)
9/2019-11/2019	Linköping University, Linköping, Sweden	Visiting Professor
7/2015-present	University of Kentucky College of Nursing Lexington, KY	Tenured Professor
7/ 2012 – 6/2015	University of Kentucky College of Nursing Lexington, KY	Associate Professor
10/2011 – present	RICH(Research and Intervention for Cardiopulmonary Health) Heart Program	Co-Director
2010– 2012	University of Kentucky, College of Nursing Lexington, KY	Associate Research Professor
2004 – 2010	University of Kentucky, College of Nursing Lexington, KY	Assistant Research Professor
2004 – 2010	RICH (Research and Intervention for Cardiopulmonary Health) Heart Program	Research Scientist
2002 – 2004	University of Kentucky, College of Nursing Lexington, KY	Postdoctoral Fellow Linda S. Gill Endowment

<b>Dates</b>	<b>Institution and Location</b>	<b>Position</b>
2002 –7/2012	University of Kentucky, College of Nursing Lexington, KY	Project director
2001, Fall	University of Kentucky, College of Nursing Lexington, KY	Research Assistant (50%)
1997 – 1999	Center for Health Service Management University of Kentucky, Lexington, KY	Research Assistant (50%)
1992 – 1997	Chandler Medical Center, Internal medicine and orthopedic surgery unit University of Kentucky	Staff Nurse
1988 – 1989	Ewah Womans University Dormitory Seoul, Korea	Staff Nurse
1987	Injae Back Hospital Critical Cardiac Unit Seoul, Korea	Staff Nurse
1986	Injae Back Hospital Internal Medicine Unit Seoul, Korea	Staff Nurse

### **Honors and Awards**

2004	Finalist in the Nursing Research Award, Heart Failure Society of America
2006	Finalist in the Oral Research Competition (First place) American Association of Heart Failure Nurses
2010	Research Article of the Year Award The American Heart Association, Council on Cardiovascular and Stroke Nursing. Paper title: “The effects of depressive symptoms and anxiety on quality of life in patients with heart failure and their spouses: Testing dyadic dynamics using Actor-Partner Interdependence Model”
2012	Arteriosclerosis/Heart Failure Research Award The American Heart Association, Council on Cardiovascular and Stroke Nursing.
2013	Induction as the Fellow of the American Heart Association, the Council of Cardiovascular and Stroke Nursing, American Heart Association.
2013	The Best Reviewer of the Year 2013, Journal of Cardiovascular Nursing
2014	Induction as the Fellow of the American Academy of Nursing, the American Academy of Nursing
2014	The Top Cited Author for the European Journal of Cardiovascular Nursing 2014, European Journal of Cardiovascular Nursing.
2015	The Excellence in Research Scholarship Award, College of Nursing, University of Kentucky
2015	The Best abstract at the European Society of Cardiology Congress 2015, London, England
2017	Finalist in the Oral Research Competition, EuroHeartCare 2017, Jonkoking, Sweden
2018	Induction as The Sigma Theta Tau International Nurse Researcher Hall of Fame, at the STTI 29 <sup>th</sup> International Nursing Research Congress, Melbourne, Australia (July).
2018	The Best Moderated Poster Presentation at the EuroHeartCare 2018, Dublin, Ireland
2018	The Best Oral Presentation Award at the International Korean Nursing Conference 2018, New York
2018	The Outstanding Service Award, The Global Korean Nursing Foundation-USA (June).
2019	University Research Professor Award (2019-2020), University of Kentucky, Kentucky

- 2019 Visiting Professorship Award, Linköping University, Linköping, Sweden  
 2019 Achievement Award, Gwangju Migrant health Center, Kwangju, Korea.  
 2019 The Appreciation Award, The Global Korean Nursing Foundation

**Honors and Awards as co-author**

- 2006 Research Article of Year (Lennie, T. A.)  
 American Heart Association, Role: Co-Author.  
 2006 Finalist (Wu, J.) in the Oral Research Competition  
 American Association of Heart Failure Nurses, Role: Co-Author.  
 2007 Finalist (Wu, J.) in the Oral Research Competition  
 American Association of Heart Failure Nurses, Role: Co-Author.  
 2007 Finalist (Dekker, R. L.) of the Oral Research Competition  
 American Association of Heart Failure Nurses, Role: Co-Author  
 2007 Finalist (Wu, J.) in Martha N. Hill New Investigator Award  
 America Heart Association, Role: Co-Author.  
 2008 Finalist (Song, E.K.) of the Nursing Research Award  
 Heart Failure Society of America, Role: Co-Author.  
 2009 Finalist (Lee, K. S.) of the Nursing Research Award  
 Heart Failure Society of America, Role: Co-Author  
 2009 Cardiovascular Nursing Best Abstract Award (Riegel, B.)  
 America Heart Association, Role: Co-Author  
 2009 D. Jean Wood Nursing Scholarship Award (Wu, J.)  
 Southern Nursing Research Society, Role: Co-Author  
 2009 Young Investigator Award (Dekker, R. L.)  
 Heart-Brain Summit, sponsored by the Society for Heart-Brain Medicine and the Cleveland  
 Clinic Bakken Heart-Brain Institute, Role: Co-Author  
 2014 Clinical Paper of the Year (Lennie, T.A.)  
 American Heart Association, Role: Co-Author  
 2014 Marth N. Hill New Investigator Award (Park, L)  
 American Heart Association, Role: Co-Author  
 2017 Best Moderated Poster Presentation Award (Lennie, T.A.)  
 EuroHeartCare, Role: Co-Author  
 2019 Best Abstract Award (Moser D.K.)  
 American Heart Association, Role: Co-Author

**Funded Research Activities: External funding**

10/1/2020– 9/30/2023	“Video-Conferenced Cognitive Behavioral Therapy for Depressive Symptoms in Rural Coronary Heart Disease Patients” D.K. Moser (PI), M.L. Chung (Co-I), PCORI. \$ 2,888,855
9/26/2016-8/31/2021	“Rural Intervention for Caregivers’ HeartHealth” M.L. Chung & D.K. Moser (Multi-PI), NIH/NINR R01NR016824, \$2,628,684
9/26/2014 – 7/31/2019	“Effects of Family Sodium Watcher Program on Outcomes in Heart Failure Patient-Family Caregiver Dyads” M.L. Chung (PI), NIH/NINR R01NR012967, \$2,404,267
3/2/2017-1/31/2022	“Corazón de la Familia (Heart of the Family)” G. Mudd-Martin (PI), M.L. Chung (Co-Investigator), NIH/NINR R01NR016262-01A1, \$2,595,439

5/1/2013 – 4/30/2016	“Reducing Health Disparities in Appalachians with Multiple Cardiovascular Disease Risk Factors” D.K. Moser (PI), M.L. Chung (Co-Investigator), PCORI, \$2,092,473
1/1/2009 – 12/31/2010	“Sodium Watcher Program for Adults with Heart Failure” M.L. Chung (PI). AHA National Innovative Research Grant, \$150,000
8/1/2009 – 7/30/2011	“Effects of a Cognitive-Educational Therapy on Outcomes in Patient-Spouse Dyads in Heart Failure” M.L.Chung (PI). A feasibility study funded by the NIH/NINR P-20 Center for Biobehavioral Research in Self-management of Cardiopulmonary Disease (Moser, D. K.: PI of the NIH P-20 grant). \$77,437
9/1/2009 – 7/31/2012	“Biobehavioral Cardiovascular Health Promotion Intervention in a State Prison System”, D.K. Moser (PI), M.L.Chung (Project Director). NIH/NINR RC2NR011948-01, \$1,908,690
7/1/2006 – 6/30/2009	“Impact of Family Distress and Burden on Patients Outcomes in Heart Failure” M.L.Chung (PI), NIH.NINR K23NR010011 \$280,961
4/1/2004 – 3/31/2009	“Biobehavioral Intervention in Heart Failure” D.K. Moser (PI), M.L.Chung (Project Director), NIH/NINRR01NR008567-01A1, \$1,600,000
2004-2005	“Nutritional Intake and Proinflammatory Cytokine Activity in Community Dwelling Older Adults”, T.A. Lennie (PI), M.L.Chung (Co-Investigator), American Nurses Foundation. Virginal Stone, RN Scholar Grant, \$20,000
2003-2006	“Physiological and Behavioral Mechanisms Linking Depression with Increased Morbidity and Mortality in Patients with Heart Failure” D.K.Moser (PI), M.L.Chung (Co-Investigator), American Association of Critical Care Nurses-Phillips Medical Systems Outcomes for Excellence, \$100,000

**Funded Research Activities: Internal funding**

3/2017-6/2018	“The Sodium Watchers Program-Hypertension” M.L.Chung (PI), University of Kentucky, College of Nursing, \$20,000
7/2013-12/2014	“A Caregiver Cardiac Health Intervention for Dementia Caregivers” M.L. Chung (PI), University of Kentucky, Center for Clinical and Translational Science (CCTS), \$25,000
2013-2014	“Physical and Psychological Outcomes of Caregivers in Dementia” M.L. Chung (PI), University of Kentucky, Faculty Research Support, \$50,000
1/2012-6/2013	“Effects of Family Sodium Watcher Program on Outcomes in Heart Failure Patient-Family Caregiver Dyads” M.L. Chung (PI), University of Kentucky, Vice President Research Support Grant, \$20,000
2005-2006	“Caregiver Burden and Emotional Distress in Family Caregivers of Patients with Heart Failure” M.L. Chung (PI), University of Kentucky, Faculty Research Support Program, \$20,000
2003-2004	“Physiological and Behavioral Mechanisms Linking Depression with Increased Morbidity and Mortality in Patients with Heart Failure” D.K. Moser (PI), M.L.Chung (Co-investigator & project director), University of Kentucky, Faculty Research Support Program, \$20,000

**Submitted Grant proposals: in pending**

NIH/NINR	Chung, M.L. & Stromberg (Multi-PI)	Submitted 6/2020 (10/2020– 9/2023)
Effects of mHealth Yoga on Improving Symptoms related to Caregiving in Rural Caregivers		
The mHealth Yoga for Caregivers ( <i>MYCare</i> ) program proposed in this study will address the prevention and management of the symptoms related to caregiving for in rural caregivers of patients with chronic illness by delivering therapeutic yoga sessions via video-conference that is time- and cost-effective delivery modality to overcome environmental barriers in socioeconomically austere rural areas. \$3,301,446		

NIH/NIDDK	Sohn, M. (PI)	Submitted 1/2020 (10/2020– 9/2023)
Disparities in guideline-compliant care receipt and outcomes among Medicaid patients with diabetes in the Diabetes Belt		
We propose to quantify disparities in the receipt of guideline-compliant care (GCC) among Medicaid enrollees with diabetes in the Diabetes Belt and surrounding areas and examine how GCC affects diabetes outcomes and costs of care. \$2,255,517		

PCORI	Moser, D.K. (PI)	Submitted 1/2020 (10/2020– 9/2023)
Video-Conferenced Cognitive Behavioral Therapy for Depressive Symptoms in Rural Coronary Heart Disease Patients		
The purpose of this study is to compare effects of two types of online cognitive behavioral therapy (CBT)—real-time, face-to-face, video-conferenced CBT versus self-administered internet-based CBT— on depressive symptoms among rural dwellers with coronary heart disease (CHD) and at least moderate depressive symptoms. Role: Co-Investigator, \$ 2,888,855		

NIH RFA	Moser, D.K. (PI)	Submitted 12/2019 (7/2020– 6/2025)
Video-Conferenced Cognitive Behavioral Therapy for Depressive Symptoms in Rural Coronary Heart Disease Patients		
The purpose of this study is to compare effects of two types of online cognitive behavioral therapy (CBT)—real-time, face-to-face, video-conferenced CBT versus self-administered internet-based CBT— on: 1) depressive symptoms and 2) all-cause hospitalizations among rural dwellers with coronary heart disease (CHD) and at least moderate depressive symptoms. Role: Co-Investigator, \$2,667,211		

NIH RFA	Mudd-Martin, G (PI)	Submitted 12/2019 (7/2020– 6/2025)
Heart of the Family: A Cardiovascular Disease and Type 2 Diabetes Risk Reduction Intervention in High-Risk Rural Families		
The purpose of this study is to test the effectiveness of a family dyad-focused T2D and CVD risk reduction intervention, Corazón de la Familia/Heart of the Family, in Hispanic and NHW communities of rural Kentucky. Role: Co-Investigator \$2,675,709		

## **Publications**

### ***Empirical papers: Report of Research based on data (pre-doctoral students paper\*; International collaboration<sup>§</sup>)***

1. <sup>§</sup>Moon, K.J., **Chung, M.L.**, & Hwang, S. Y. (In press). The perceived marital intimacy of spouses directly influences the rehabilitation motivation of hospitalized stroke survivors. *Clinical Nursing Research*. Online ahead of print [doi.org/10.1177/1054773820924573](https://doi.org/10.1177/1054773820924573)
2. <sup>§</sup>Oh, S.Y., Hwang, S.Y., **Chung, M.L.**, & Lennie, T.A. (In press). A prediction model of rehabilitation motivation in middle-aged survivors of stroke in rehabilitation facilities in Korea. *J of Cardiovascular Nursing*. Online ahead of print [doi: 10.1097/JCN.0000000000000656](https://doi.org/10.1097/JCN.0000000000000656)
3. \*Smith, J., Mudd-Martin, G., Steven, E., Lennie, T. A., **Chung, M.L.** (In press) TAS2R38 Haplotype predicts 24-hour urinary sodium excretion in patients with heart failure and their family caregivers. *J of Cardiovascular Nursing*. Online ahead of print [doi: 10.1097/JCN.0000000000000692](https://doi.org/10.1097/JCN.0000000000000692)
4. <sup>§</sup>Strömberg, A., Liljerros, M., Ågren, S., Årestedt, K., & **Chung, M.L.** (In press). Associations among perceived control, depressive symptoms, and well-being in patients with heart failure and their spouses; a dyadic approach. *J of Cardiovascular Nursing*. [doi: 10.1097/JCN.0000000000000682](https://doi.org/10.1097/JCN.0000000000000682)
5. \*Adegboyega A., **Chung M.L.**, Moser D., Mudd-Martin G. (In press). Psychometric testing of a cardiovascular disease fatalism instrument (CVD- FI) among adults with CVD risks. *J of Nursing Measurement*.
6. **Chung, M.L.**, Lee, S.J., Moser, D.K., Kang, J. & Lennie, T.A. (2020). A comparison of diet quality of patients with heart failure and their family caregivers. *J of Cardiovascular Nursing*, 35(2): 101-106. PMID:31904687
7. Lennie, T.A., Moser, D.K. & **Chung, M.L.** (2020). Insight into differences in dietary sodium adherence between men and women with heart failure. *J of Cardiovascular Nursing*, 35(2): 131-136. PMID:31985702
8. <sup>§</sup>Thomson, P. Howie, K. Leslie, S.J., Angus, N. J., Andreis, F., Thomson, R., Mohan, A.R.M., Mondo, C. & **Chung, M.L.** (2020) Evaluating emotional distress and health related quality of life in patients with heart failure and their family caregivers: Testing dyadic dynamics using the actor-partner interdependence model. *PLOS ONE*, January 8:1-18. <https://doi.org/10.1371/journal.pone.0227129>
9. Abraham, C. Kelly, S., Wantland, D, **Chung, M.L.**, Mudd-Martin, G., Biddle, M.J., & Moser, D.K. (2020). Factors influencing cardiovascular risk factors and health perception among Kentuckians living in Appalachia. *J of Cardiovascular Nursing*, 35(3):E1-E8. doi: 10.1097/JCN.0000000000000594.
10. \*Smith, J.L., Lennie, T.A., **Chung, M.L.**, & Mudd-Martin, G. (2019). Dietary sodium intake is predicted by antihypertensive medication regimen in patients with heart failure. *J of Cardiovascular Nursing*, 34(4):313-318. PMID:6557677.
11. <sup>§</sup>Vellone, E, **Chung, M.L.**, Rosaria Alvaro, Paturzo, M., & Dellafiore, F. (2018). The influence of mutuality on self-care in heart failure patients and caregivers: a dyadic analysis. *J of Family Nursing*. 24 (4): 563-584. <https://doi.org/10.1177/1074840718809484>
12. \*Bugajski, A., Frazier, S.K., Moser, D.K., **Chung, M.L.**, Lennie, T. A. (2019). Airflow limitation more than doubles the risk for hospitalization/mortality in patients with heart failure. *European J of Cardiovascular Nursing* 2019; 18: 245-252.
13. \*Bugajski, A., Frazier, S.K., Moser, D.K., Lennie, T.A., & **Chung, M.L.** (2019). Psychometric testing of the Multidimensional Scale of Perceived Social Support in patients with comorbid COPD and heart failure. *Heart & Lung*, 48(3):193-197.

14. Haedtke, C.A., Moser, D.K., Pressler, S.J., **Chung, M.L.**, Wingate, S., & Goodlin, S. (2019). Influence of depression and gender on symptom burden among patients with advanced heart failure: Insight from the pain assessment, incidence and nature in heart failure study. *Heart & Lung*, 48(3):201-207.
15. <sup>§</sup>Thomson, P, Howie, K., Mohan, A.R.M., & **Chung, M.L** (2019). Evaluating perceptions of self-efficacy and quality of life in patients having coronary artery bypass grafting and their family caregivers. *J of Cardiovascular Nursing*. 34(3):250-257.
16. <sup>§§</sup>Waldréus, N., **Chung, M.L.**, van der Wal, M.H.L., & Jaarsma, T. (2018). Trajectory of thirst intensity and distress from admission to 4-weeks follow up at home in patients with heart failure. *Patient Preference and Adherence*. PMID:PMC6205128.
17. <sup>§§</sup>Liljeroos, M., Strömberg, A., Årestedt, K., & **Chung, M.L.** (2018). Mediation effect of depressive symptoms in the relationship between perceived control and well-being in patients with heart failure and their partners. *European J of Cardiovascular Nursing*. 17(6):527-534.
18. \*Abshire, D.A., Lennie, T.A., **Chung, M.L.**, Biddle, M.J., Barbosa-Leiker, C, & Moser, D.K. (2018). Body mass index category moderates the relationship between depressive symptoms and diet quality in overweight and obese rural-dwelling adults. *J of Rural Health*. 34(4):377-387. PMID:5756685.
19. McEvedy, S.M., Cameron, J., Lugg, E., Miller, J., Haedtke, C., Hammash, M., Biddle, M.J., Lee, K.S., Mariani, J.A., Ski, C.F., Thompson, D.R., **Chung, M.L.**, & Moser, D.K. (2018). Implantable cardioverter defibrillator knowledge and end-of-life device deactivation: a cross-sectional survey. *Palliative Medicine*. 32(1) 156–163.
20. <sup>§§</sup>Andreae, C. Strömberg, A. **Chung, M.L.**, Hjelm, C., Årestedt, K. (2018). Depressive symptoms moderate the association between appetite and health status in patients with heart failure. *J Cardiovasc Nursing*, 33(2), E15-E20.
21. **Chung, M.L.**, Park, L., Frazier, S.K., & Lennie, T.A. (2017). Long-term adherence to low-sodium diet in patients with heart failure. *Western Journal of Nursing Research*. 39(4): 553-567. PMID:27903829
22. \*Shumaker, S.C., Frazier, S.K., Moser, D.K., & **Chung, M.L.** (2017). Psychometric properties of the Multidimensional Scale of Perceived Social Support in Patients with Heart Failure. *Journal of Nursing Measurement*, 25(10): 90-102.
23. <sup>§</sup>Strömberg, A., Bonner, N, Grant, L, **Chung, M.L.**, Jaarsma, T., Luttik, M. L., Lewis, E.F., Deschaseaux, C. (2017). Psychometric validation of the heart failure caregiver questionnaire (HF-CQ). *The Patient- Patient-Centered Outcomes Research*. doi:10.1007/s40271-017-0228-x
24. \*Dekker, R.L., Lennie, T.A., Moser, D.K., Miller, C.S., Ebersole, J.L., **Chung, M.L.**, Campbell, C.L., Bailey, A., & Tovar, E.G (2017). Salivary biomarkers, oral inflammation, and functional status in patients with heart failure. *Bio Res Nursing*. 19(2):153-161.
25. \*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). Mediator of event-free survival in patients with heart failure. *Western Journal of Nursing Research* 39(4):539-552.
26. Abshire, D.A., Moser, D.K., Clasey, J.L., **Chung, M.L.**, Pressler, S.J., Dunbar, S.B., Heo, S., Lennie, T A. (2017). Body composition and bone mineral density in patients with heart failure. *Western Journal of Nursing Research*. 39(4): 582-599.
27. \*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(4) 539-552.
28. \*Al-Rawashdeh, S. Y., Lennie, T.A., & **Chung, M.L.** (2017). The association of sleep disturbance with quality of life in heart failure patients-caregivers dyads. *Western Journal of Nursing Research*. 39(4):492-506.

29. Wierenga, K.L., Dekker, R. L., Lennie, T.A., **Chung, M.L.**, & Dracup, K. (2017). African American Race is associated with poorer outcomes in heart failure patients. *Western J Nursing Research*. 39(4):524-538.
30. Moser, D.K., Arslanian-Engoren, C., Biddle, M. J., **Chung, M.L.**, Dekker, R.L., Hammash, M.H., Mudd-Martin, G., Alhurani, A.S., & Lennie, T.A. (2016). Psychological aspects of heart failure. *Current Cardiology Reports*, 18(12), 1-10.
31. \*Al-Rawashdeh, S.Y., Lennie, T.A. & **Chung, M.L.** (2016) Psychometrics of the Zarit Burden Interview in caregivers of patients with heart failure. *J of Cardiovascular Nursing*, 31(6):E21-E28.
32. **Chung, M.L.**, Bakas, T., Plue, L. D., & Williams, L. S. (2016). Effects of self-esteem, optimism, and perceived control on depressive symptoms in stroke survivor-spouse dyads. *Journal of Cardiovascular Nursing*. 31(2) E8-E16. PMID: PMC4526460
33. **Chung, M. L.**, Lennie, T.A., Mudd-Martine, G., Dunbar, S. B., Pressler, S. J., & Moser, D. K. (2016). Depressive symptoms in patients with heart failure negatively affect family caregiver outcomes and quality of life. *European Journal of Cardiovascular Nursing*.15(1):30-38.
34. §Tylen, I., Moser, D. K., Stromberg, A., Dekker, R.A., & **Chung, M.L.** (2016). Concerns about implantable cardioverter-defibrillator shocks media the relationship between actual shocks and psychological distress. *Europace*. 18(6);828-835. doi: 10.1093/europace/euv220
35. **Chung, M. L.**, Lennie, T. A., Mudd-Martin, G. & Moser, D. K. (2015). Adherence to the low sodium diet in patients with heart failure is best when family members also follow the diet: A multicenter observational study. *Journal of Cardiovascular Nursing*.30(1);44-50. PMID: PMC3999296
36. Tovar, E.G., Dekker, R.L., **Chung, M.L.**, Gokun, Y., Moser, D.K., Lennie, T.A., & Rayens, M.K. (2015). Self-efficacy mediates the relationship of depressive symptoms and social support with adherence in patients with heart failure. *Journal of Health Psychology*. May 18. pii: 1359105315583369. [Epub ahead of print].
37. Mudd-Martin, G., Rayens, M.K., Lennie, T. A., **Chung, M. L.**, Gokun, Y., Wiggins, A. T., Biddle, M. J., Bailey, A.L., Novak, M. J., Casey, B. R., & Moser, D. K.(2015). Fatalism Moderates the Relationship Between Family History of Cardiovascular Disease and Engagement in Health-Promoting Behaviors Among At-Risk Rural Kentuckians. *Journal of Rural Health*. 31(2), 206-216. doi: 10.1111/jrh.12094
38. Heo, S., Lennie, T.A., Pressler, S.J., Dunbar, S.B., **Chung, M.L.**, & Moser, D.K. (2015). Factors Associated With Perceived Control and the Relationship to Quality of Life in Patients with Heart Failure. *European J Cardiovascular Nursing*. 14(2), 137-144. doi:10.1177/1474515113519931
39. §Stromberg, A., Fluor, C., Miller, J., **Chung, M. L.**, Moser, D. K., & Thylén, I. (2014). ICD recipients' understanding of ethical issues, ICD function, and practical consequences of withdrawing the ICD in the end-of-life. *PACE*, 37, 834-842.
40. \*Park, L. G., Howie-Esquivel, J., **Chung, M.** & Dracup, K. (2014). A Text Messaging Intervention to Promote Medication Adherence for Patients with Coronary Heart Disease: A Randomized Controlled Trial. *Patient Education & Counseling*. 94:261-268.
41. \*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(5): 444-450. PMID:PMC3994172.
42. Mudd-Martine, G., Biddle, M. J., **Chung, M. L.**, Lennie, T.A., Bailey, A.L., Casey, B. R., Novak, M. J., & Moser, D.K. (2014). Rural Appalachian perspectives on heart health: Social ecological context. *American Journal of Health Behavior*; 38(1): 134-143.



43. <sup>§</sup>Vellone, E., **Chung, M. L.**, Cocchieri, A., Rocco, G., & Alvaro, R. Riegel, B. (2014). Effects of self-care on quality of life in adults with heart failure and their spousal caregivers: Testing dyadic dynamics using the Actor-Partner Interdependence Model. *Journal of Family Nursing*, 20(1):120-141.
44. <sup>§</sup>Thylen, I., Moser, D. K., **Chung, M. L.**, Miller, J., Fluor, C., & Stomberg, A. (2013). Are ICD recipients able to foresee if they want to withdraw therapy or deactivate defibrillator shocks? *IJC Heart & Vessels*.1:22-31. <http://dx.doi.org/10.1016/j.ijchv.2013.11.00>
45. **Chung, M. L.**, Moser, D. K., Lennie, T. A., & Frazier, S. K. (2013). Perceived social support predicted quality of life in patients with heart failure, but the effect is mediated by depressive symptoms. *Quality of Life Research*, 22 (7), 1555-1563. PMID:PMC3568459
46. Hammash, M. H., Hall, L. A., Lennie, T. A., Heo, S., **Chung, M. L.**, Lee, K. S & Moser, D. K. (2013). Psychometrics of the PHQ-9 as a measure of depressive symptoms in patients with heart failure. *European Journal of Cardiovascular Nursing*, 12:446-453.
47. **Chung, M. L.**, Dekker, R. L., Lennie, T. A., & Moser, D. K. (2013). Antidepressants do not improve event-free survival in patients with heart failure when depressive symptoms remain. *Heart & Lung*, 42 (2), 85-91. PMID: PMC3594142
48. \*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: The Journal of Acute and Critical Care*, 41 (2), 107-114.
49. 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. DOI: 10.1177/1474515112438010 <http://cnu.sagepub.com/content/11/3/356>
50. \*Wu, J., 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 (6), 637-646. <http://www.ncbi.nlm.nih.gov/pubmed/22746258>
51. <sup>§</sup>Thomson, P., Molloy, G. & **Chung, M. L.** (2012). The effects of perceived social support on quality of life in patients awaiting CABG and their partners: testing dyadic dynamics using the Actor-Partner Interdependence Model. *Psychology, Health & Medicine*, 17(1), 35-46.
52. Heo, S., Moser, D.K., **Chung, M.L.** & Lennie, T.A. (2012). Social status, health-related quality of life, and event-free survival in patients with heart failure. *European Journal of Cardiovascular Nursing*, 11, 141-149.
53. **Chung, M. L.**, Lennie, T. A., Dekker, R. L., Wu, J., & Moser, D. K. (2011). Depressive symptoms and poor social support have a synergistic effect on event-free survival in patients with heart failure. *Heart & Lung: The Journal of Acute and Critical Care*, 40 (6): 492-501. PMID: PMC3129423 NIHMS:235037.
54. Mosack, V., Steinke, E.E., Wright, D.W., Walker, C., Medina, M., Moser, D.K., & **Chung, M.L.** (2011). Effects of depression on sexual activity and sexual satisfaction in heart failure. *Dimensions in Critical Care Nursing*, 30(4), 218-225.
55. \*Dekker, R.L., Lennie, T.A., Hall, L.A., Peden, A.R., **Chung, M.L.**, & Moser, D.K. (2011). Developing a shortened measure of negative thinking for use in patients with heart failure. *Heart Lung: The Journal of Acute and Critical Care*, 40(3), e60-69.
56. 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: The Journal of Acute and Critical Care*, 40(5):393-404. PMID: PMC3149715.
57. \*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(9);755-763. PMID: PMC3164519
58. Moser, D. K., Frazier, S. K., Worrall-Carter, L., Biddle, M. J., **Chung, M. L.**, Lee, K. S., & Lennie, T. A. (2011). Symptom variability, not severity, predicts rehospitalization and mortality in patients with heart failure. *European Journal of Cardiovascular Nursing*, 10; 124-129.
59. Riegel, B., Lee, C.S., Albert, N., Lennie, T., **Chung, M.**, Song, E. K., Bentley, B., Heo, S., Worrall-Carter, L., & Moser, D. K. (2011). From novice to expert: Confidence and activity status determine heart failure self-care performance. *Nursing Research*, 60 (2):132-138.
60. 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:PMC3073718
61. Wu, J. R., Moser, D. K., Rayens, M. K., De Jong, M. J., **Chung, M. L.**, Riegel, B., & Lennie, T. A. (2010) Rurality and event-free survival in patients with heart failure. *Heart Lung: The Journal of Acute and Critical Care*, 39 (6), 512-520. PMID: PMC3039282
62. Moser, D. K., Dracup, K., Evangelista, L. S., Zambroski, C. H., Lennie, T. A., **Chung, M. L.**, Doering, L. V., Westlake, C., & Heo, S. (2010). Comparison of prevalence of symptoms of depression, anxiety, and hostility in elderly patients with heart failure, myocardial infarction, and a coronary artery bypass graft. *Heart & Lung*, 39 (5), 378-385. PMID: PMC2939239.
63. Song, E. K., Moser, D. K., Frazier, S. K., Heo, S., **Chung, M. L.**, & Lennie, T. A. (2010). Depressive symptoms affect the relationship of N-terminal pro B-type natriuretic peptide to cardiac event-free survival in patients with heart failure. *Journal of Cardiac Failure*, 16(7), 572-578. PMID: PMC2901242.
64. <sup>§</sup>Huang, T. Y., Moser, D. K., Hwang, S. L., Lennie, T.A., **Chung, M.**, & Heo, S. (2010). Comparison of health-related quality of life between American and Taiwanese heart failure patients. *Journal of Transcultural Nursing*, 21(3):212-9.
65. **Chung, M. L.**, Pressler, S. J., Dunbar, S. B., Lennie, T.A, & Moser, D. K. (2010). Predictors of depressive symptoms in caregivers of patients with heart failure. *Journal of Cardiovascular Nursing*, 25(5), 411-419. PMID: PMC2924771
66. Wu, J., Lennie, T. A., De Jong, M. J. 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 (2) 142-149. PMID: PMC2819978 [Available on 2011/2/1]
67. \*Lee, K. S., Song, E. K., Lennie, T. A., Frazier, S. K., **Chung, M. L.**, Heo, S., Wu, J., Rayens, M. K., Riegel, B. Moser, D. K. (2010). Symptom clusters in men and women with heart failure and their impact on event-free survival. *Journal of Cardiovascular Nursing*, 25(4), 262-272.
68. **Chung, M. L.**, Lennie, T. A., Riegel, B., Wu, J., 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(6): 562-570. PMID: PMC2813674.
69. **Chung, M. L.**, Moser, D. K., Lennie, T. A., & Rayens, M. K. (2009). The effects of depressive symptoms and anxiety on quality of life in patients with heart failure and their spouses: Testing dyadic dynamics using Actor-Partner Interdependence Model. *Journal of Psychosomatic Research*, 671(1): 29-35. PMID: PMC2732117. (*Research Article of the Year Award, The American Heart Association, Council on Cardiovascular Nursing*).
70. Riegel, B., Driscoll, A., Suwanno, J., Moser, D. K., Lennie, T. A., **Chung, M. L.**, Wu, J. R., Dickson V. V., Carlson, B., & Camerson, J. (2009). Heart failure self-care in developed

- and developing countries. *Journal of Cardiac Failure*, 15(6): 508-516. PMID: PMC2745342.
71. Steinke, E. E., Mosack, V., Wright, D.W., **Chung, M.L.**, & Moser, D.K. (2009). Risk factors as predictors of sexual activity in heart failure. *Dimensions of Critical Care Nursing*, 28(3): 123-129. PMID: 19387276.
  72. \*Bentley, B., Lennie, T. A., Biddle, M., **Chung, M.L.**, & Moser, D.K. (2009). Demonstration of psychometric soundness of the Dietary Sodium Restriction Questionnaire in patients with heart failure. *Heart Lung*, 38(2): 121-128. PMID: 19254630.
  73. 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 (2), 285-291. PMID: 2668834.
  74. Heo, S., Lennie, T. A., Moser, D. K., Riegel, B., & **Chung, M.** (2008). Gender differences in and factors related to self-care behaviors: A cross-sectional, correlational study of patients with heart failure. *International Journal of Nursing Studies*, 45(12): 1807-1815. PMID: 18674762.
  75. Steinke, E. E., Wright, D. W., **Chung, M. L.**, & Moser, D.K. (2008). Sexual self-concept, anxiety, and self-efficacy predict sexual activity in heart failure and healthy elders. *Heart & Lung*, 37: 323-333. PMID:18674762.
  76. \*Wu, J., 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(7): 603-614. PMID: 2603618.
  77. \*Wu, J., **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(5), 334-343. PMID: PMC2796425
  78. **Chung, M. L.**, Lennie, T. A., De Jong, M., Wu, J., 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(2): 114-120. PMID: PMC2751635.
  79. Lennie, T. A., Worrall-Carter, L., Hammash, M., Odem-Forren, J., Roser, L. P., Smith, C. S., Trupp, R., **Chung, M. L.**, & Moser, D. K. (2008). Relationship of heart failure patients' knowledge, perceived barriers, and attitudes regarding low-sodium diet recommendations to adherence. *Progress in Cardiovascular Nursing*, 23(1): 6-11. PMID: 18326994.
  80. \*Wu, J., Moser, D. K., **Chung, M.**, & 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(3): 203-210. PMID: 18381183.
  81. \*Heo, S., Moser, D. K., Lennie, T. A., Zambroski, C.H., & **Chung, M. L.** (2007). A comparison of health-related quality of life between elders with heart failure and healthy elders. *Heart & Lung*, 36: 16-24. PMID: 17234473.
  82. **Chung, M. L.**, Moser, D. K., Lennie, T. A., Worrall-Carter, L., Bentley, B., Trupp, R., & Armentano, D. S. (2006). Gender differences in adherence to the low sodium-restricted diet in patients with heart failure. *Journal of Cardiac Failure*, 12: 628-634. PMID: 17045182.
  83. Lennie, T. A., Moser D. K., Heo, S., **Chung, M. L.**, & Zambroski, C. H. (2006). Factors influencing food intake in patients with heart failure. A comparison with healthy elders. *Journal of Cardiovascular Nursing*, 21: 123-129. PMID: 16601529.
  84. Lennie, T. A., **Chung, M. L.**, Habash, D. L.,& Moser, D. K. (2005). Dietary fat intake and proinflammatory cytokine levels in patients with heart failure. *Journal of Cardiac Failure*, 11(8): 613-618. (2006 Research Article of Year Award)
  85. Moser, D. K., McKinley, S., Dracup, K., & **Chung, M. L.** (2005). Gender differences in reasons patients delay in seeking treatment for acute myocardial infarction symptoms. *Patient Education & Counseling*. 56: 45-54.

86. Zambroski, C. H., Moser, D. K., Roser, L. P., Heo, S., & **Chung, M. L.** (2005). Patients with heart failure who die in hospice. *American Heart Journal*, 149 (3): 558-564.
87. Moser, D. K., Doering, L. V., & **Chung, M. L.** (2005). Vulnerabilities of patients recovering from an exacerbation of chronic heart failure. *American Heart Journal*.150 (5): 984.e7-984.e13.
88. \*De Jong , M.J., Moser, D.K., & **Chung, M.L.**(2005). Predictors of health status for heart failure patients. *Progress in Cardiovascular Nursing*. 20: 155-162.
89. \*De Jong, M. J., Moser, D. K., An, K., & **Chung, M. L.**, (2004). Anxiety is not manifested by elevated heart rate and blood pressure in acutely ill cardiac patients. *European Journal of Cardiovascular Nursing*, 3(3): 247-253.
90. \*De Jong, M., **Chung, M. L.**, Roser, L. P., Jensen, L. A., Kelso, L. A., Dracup, K., McKinley, S., Yamasaki, K., Kim, C., Riegel, B., Ball, C., Doering, L. V., An, K., Barnett, M., & Moser, D. K. (2004) A five country comparison of anxiety early after AMI. *The European Journal of Cardiovascular Nursing*, 3(2): 129-134.
91. Moser, D. K., **Chung, M. L.**, McKinley, S., Riegel, B., An, K., Cherrington, C.C., Blakely, W., Biddle, M., Frazier, S.K., & Garvin, G. J. (2003) Critical care nursing practice regarding patient anxiety assessment and management. *Intensive and Critical Care Nursing*, 19(5): 276-288.
92. Daley, L.K., Kirkpatrick, B.L., Frazier, S.K., **Chung, M.L.**, & Moser, D.K. (2003). Predictors of NCLEX-RN success in a baccalaureate nursing program as a foundation for remediation. *Journal of Nursing Education*, 42(9): 390-398.

#### **Review, Position, or Editorial paper: non-data based paper**

1. **Chung, M.L.** (2020). Caregiving in Failure, *J of Cardiovascular Nursing (Guest Editor)*, 35(3):229-230
2. §Buck, H.G., Bekelman, D., Cameron, J. **Chung, M.**, Hooker, S., Pucciarelli, G., Stromberg, A., Riegel, B., Vellone, E (2019). A body of work, A missed opportunity: Dyadic research in old adults, *J of the American Geriatrics Society (Letter to the editor)*. *Journal of American Geriatrics Society*. 67(4):854.
3. §Vellone, E., Dellafiore, F., **Chung, M.L.**, & Alvaro, R. (2018). Mutuality and self-care in heart patient and caregiver dyads. *European J of Cardiovascular Nursing*. 17(5):467-468(Letter to the editor). <https://doi.org/10.1177/1474515117740482>
4. §Buck, H. G., Stromberg, A., **Chung, M.L.**, Donovan, K.A., Howard, A.M., Kato, N., Polo, R., & Evangelista, L.S. (2018). A Systematic Review of Heart Failure Dyadic Self-care Interventions Focusing on Intervention Components, Contexts, and Outcomes. *International Journal of Nursing Studies*. 77:232-242.
5. Lennie, T. A., **Chung, M. L.**, & Moser, D. K. (2013). What should we tell patients with heart failure about sodium restriction and how should we counsel them? *Current Heart Failure Reports*. 10 (3):219-226.
6. §Luttik, M. L., Jaarsma, T., Dunbar, S.B., Chung, M. L., Stromberg. A. (under review ). Evidence on family and social support in heart failure care: Next steps to be taken. A position paper. *European Journal of Cardiovascular Nursing*.

#### **Book Chapters:**

Lennie, T. A., **Chung, M. L.**, Corley, D. J., & Moser, D. K. (2008). Cardiac rehabilitation. In Ackley, B., Gadwig, G., Swan, B. A., & Tucker, S. (Eds.) *A clinical guide to evidence-based practice in nursing*. St. Louis: Mosby.

**Published Abstracts-data based** (§ *international collaboration*, \* *student*)

1. Moser, D.K., **Chung, M.L.**, Miller, J.L., Mudd-Martine, G, Rayens, M.K., Lennie, T.A. (2019). Can Adverse Social Determinants of Health be Overcome by Cardiovascular Risk Reduction Interventions Designed Specifically for Rural Socioeconomically Distressed Environments? (CVSN Best abstract Award), *Circulation*,140:A12299.
2. **Chung, M.L.**, Miller, J.L., Lennie, T.A., & Moser, D.K. (2019). Do Heart Failure Patients With Comorbid Diabetes Have Better Diet Quality and Lower Sodium Consumption Than Those Without Diabetes? *Circulation*, 140:A14491
3. Smith, J.L. **Chung, M.L.**, Miller, J., & Moser, D.K. (2019). Profile of informal rural caregivers of patients with chronic illness: At high risk for cardiovascular disease. *Circulation*, 140: A14709
4. Miller, J. L. **Chung, M.L.**, Hammash, M.H., Schrader, M., Moser, D.K. (2019). Do no harm: Defibrillator knowledge, gender, and device-related concerns. *Circulation*, 140: A15466.
5. \*Madujibeya, I., & **Chung, M.** (2019). Self-reported engagement in exercise is associated with longer event free-survival in heart failure patients with poor functional capacity. *Circulation*, 140: A15847
6. **Chung M.L.**, Lee, S.J., Moser, D.K., & King, R.B. (2019). Caregivers with persistent depressive symptoms are at high risk of having poor health status over 1-year of caregiving, *European Heart Journal*,40:Suppl. ehz748.0109.  
<https://doi.org/10.1093/eurheartj/ehz748.0109>
7. **Chung, M.L.**, Miller, J.M., Lennie, T.A., & Moser, D.K. (2019). Associations between interpersonal relationship quality and health related quality of life in patients with heart failure and their family caregivers: A dyadic analysis. *European J of Cardiovascular Nursing*
8. §Dellafiore, F., **Chung, M.L.**, Alvaro, R., Pucciarelli, G. Durante, A., & Vellone, E. (2019). When their relationship is good, heart failure patients and caregivers have lower anxiety and depression: An analysis with Actor-Partner Interdependence Model. *European J of Cardiovascular Nursing*
9. \*Clements, L., Moser, D.K., Lennie,T.A., Frazier, S.K., **Chung, M.L.** (2018). Improvement of heart failure self-care and patient readmission with caregiver education. *Circulation*, Supplement,138:A15195.
10. **Chung, M.L.**, Miller, J., Biddle, M., Moser, D.K. (2018). Depressive symptoms are substantial in the patients with implantable cardioverter defibrillator device and their family caregivers. *Circulation supplement*. 138:A14297
11. **Chung, M.L.**, Lennie, T.A., S. Kim, Miller, J., & Moser, D.K. (2018) The underappreciated caregiver and family characteristics predict depressive symptoms in family caregivers of patients with heart failure. *European Heart J*, 39:Suppl. ehy564.24
12. **Chung, M.L.**, Lennie, T.A., & Moser, D.K. (2018). Heart Failure patients and their family caregivers: The dyadic association of psychological distress with relationship quality. *European J of Cardiovascular Nursing*.17:Supple S1:A30.  
<https://doi.org/10.1177/1474515118787764>
13. §Thomson, P., Howie, C.A., Leslie, S.J., Amgus, N., Mohan, A.R., Mondo, C., Smith, A., & **Chung, M.** (2018). The effects of emotional distress on quality of life of patients with heart failure and their family caregivers: testing dyadic dynamics using the actor-partner interdependence model. *European J of Cardiovascular Nursing*.17:Supple S2:A30  
<https://doi.org/10.1177/1474515118787764>
14. §Dellafiore, F., **Chung, M.L.**, Alvaro, R., Paturzo, M., Vellone, E. (2018). Better mutuality in heart failure patient and caregiver dyads improves their self-care: results of a dyadic analysis. *European J of Cardiovascular Nursing*. 17:Supple S4. A33  
<https://doi.org/10.1177/1474515118787764>

15. <sup>§</sup>Juarez-vela, R., **Chung, M.L.**, Durante, A., Gea-Caballero, V.A., Cabellos-Garcia, A.C., Anton-Solanas, I., Vellone, E. (2018) European J of Cardiovascular Nursing. 17:Supple S5 A35. <https://doi.org/10.1177/1474515118787764>
16. Moser, D.K., **Chung, M.L.**, Lennie, T.A. (2018). Does depression affect outcomes in a clinical trial of a self-care cardiovascular disease risk reduction intervention conducted in a socioeconomically austere environment? European J of Cardiovascular Nursing. 17:Supple S70 A245. <https://doi.org/10.1177/1474515118787764>
17. **Chung, M.L.**, Moser, D.K., Kang, J., & Lennie, T.A. (2017). Patients with heart failure eat same quality of diet as their family caregivers. Circulation supplement. 136:A18116
18. **Chung, M.L.**, Moser, D.K., & Lennie, T.A. (2017). Dietary quality was similar in patients with heart failure regardless their adherence to sodium restricted diet. Circulation supplement. 136:A18053
19. **Moser, D.K.**, Feltner, F., Biddle, M.J., Chung, M.L. & Lennie, T.A.(2017). Reduction of health disparities in Appalachians with multiple cardiovascular disease risk factors: A randomized controlled trial. 136:A20502.
20. Lee, K. S., Lennie, T.A., **Chung, M.L.**, & Moser, D.K. (2017). The relationship between depressive symptoms and accurate health perception in individuals at high risk for cardiovascular disease. Circulation 136:A14485
21. Miller, J.L. **Chung, M.L.**, Hammash, M., Harman, J.L., Haedtke, C., Elayi, S.C., Czarapata, M.M., Biddle, M.J., & Moser, D.K. (2017). Event-free survival in central Appalachian implantable cardioverter defibrillator recipients. Circulation 136:A20579.
22. **Hammash, M.**, Miller, J., Chung, M., Crawford, T., Haedtke, C., Elayi, S.C., Lee, K.S., Czarapata, M., McEvedy, S., Cameron, J., Harman, J., Biddle, M., & Moser, D.K. (2017). Perceived control in patients with implantable cardioverter defibrillator: A cross-sectional survey from US and Australia. Circulation, 136:A20211
23. **Chung, M.L.**, Miller, J., Biddle, M.J., & Moser, D.K. (2017). Attitudes and knowledge of implantable cardioverter defibrillator device therapy at the end-of-life in recipient-caregiver dyads. European J of Cardiovascular Nursing, 16(S1):S8.
24. Lennie, T.A., Moser, D.K., & **Chung, M.L.** (2017). Higher sodium intake in men with heart failure is not simply a function of eating more food. European J of Cardiovascular Nursing. 16(S1):S58.
25. **Chung, M.L.**, Moser, D.K., & Lennie, T.A. (2017). Adherence to low sodium diet in heart failure patient-caregiver dyads. European Journal of Heart Failure, 19(Suppl. S1):135 (P535)
26. <sup>§</sup>Stromberg, A., Liljeroos, M., Arestedt, K., & **Chung, M.** (2016). Examining the relationship between perceived control over the heart disease, depressive symptoms and wellbeing in patients with heart failure and their spouses, an Actor-Partner Interdependence Model. Circulation, 134:A16235.
27. \*Smith, J. L., Estus, S., Lennie, T.A., Moser, D.K., **Chung, M.L.**, & Mudd-Martin, G.T. (2016). TASR genotype is associated with adherence to dietary sodium recommendations in adults with cardiovascular disease risk factors. Circulation, 134:A19630.
28. Biddle, M.J., Kang, J., Miller, J.L., Hammash, M., Careron, J., **Chung, M.L.**, & Moser, D.K. (2016). Implantable cardioverter defibrillator recipients' perceptions of healthcare providers' discussions related to device therapy. Circulation, 136:A16559.
29. <sup>§</sup>Stromberg, A., **Chung, M.L.**, Jaarsma, T., Luttik, M.L., Lewis, E., Calado, F., Lahoz, R., Hudson, E., & Deschaseux, C. (2016). Disease severity is related to psychosocial distress in chronic heart failure patients, but not in caregivers: results from an observational study, European J of Cardiovascular Nursing, 15(S1):S97. DOI: 10.1177/1474515116634263.
30. <sup>§</sup>Waldreus, N., Van Der Wal, M.H.L., **Chung, M.L.**, & Jasrsma, T. (2016). *Fluid restriction predicts thirst distress in patients with heart failure.* European J of Cardiovascular Nursing, 15(S1):S66. DOI: 10.1177/1474515116634263.

31. §Liljeroos, M., Arestedt, K.A., Stromberg, A.S., & **Chung, M.L.** (April, 2016). Do patients and caregivers perceived control impact depression and well-being in patients with heart failure and partners? *European J of Cardiovascular Nursing*, 15(S1):S71. DOI: 10.1177/1474515116634263.
32. §Liljeroos, M., Stromberg, A., & **Chung, M.** (March, 2016). *Patients and caregiver symptoms of depressive symptoms mediate the relationship between perceived control and well-being.* *European J of Cardiovascular Nursing*, 15(S1):S19. DOI: 10.1177/1474515116634263.
33. **Chung, M. L.** Moser, D.K., & Lennie, T.A. (2015). Gender moderates the associations between perceived caregiving burden and outcomes in caregivers of patients with heart failure. *European Heart Journal*, 36, Suppl1:37 (P440).
34. **Chung, M.L.** Bakas, T., Plue, L.D., & Williams, L.S. (2015). Gender moderates the associations between caregiving and health status in stroke caregivers, *Stroke*, 46, Suppl 1: A70.
35. §Andreae, C., Stromberg, A., **Chung, M. L.**, Lennie, T.A., & Arestedt, K. (June, 2015). Depressive symptoms as a moderator and mediator of the relationship between physical activity, appetite and perceived health among patients with heart failure. *European Journal of Cardiovascular Nursing* 14(S1) 61.
36. §Stromberg, A., Bonner, N., Grant, L., Bennett, B., **Chung, M.**, Jassrsmar, T., Calado, F., & Deschaseaux, C. Psychometric validation of the caregiver burden questionnaire for heart failure (CBQ-HF v4.0) *European Journal of Cardiovascular Nursing* 14(S1) 212.
37. \*Abshire, D.A., Lennie, T.A., **Chung, M.L.**, Biddle, M. J., & Moser, D.K. (2015) Obesity Moderates the Relationship Between Depressive Symptoms and Diet Quality in Overweight and Obese Adults in Rural Kentucky. *Circulation* 132:A16943.
38. Thomson, P., Howie, K. & **Chung, M.L.** (2015). The effect of self-efficacy and social support on quality of life of patients and family caregivers after coronary artery bypass grafting. *Circulation* 132:A19199.
39. Dekker, R. L., Lennie, T.A., Moser, D.K., Miller, C.S., Ebersole, J. L., **Chung, M.L.**, Campbell, C.L., Bailey, A., & Tovar, E.G. (2015). Levels of oral inflammation-not salivary or serum biomarkers-predict worse functional status in hospitalized patients with heart failure. *Circulation* 132:A10367. (Finalist of the Martha N. Hill New Investigator Award)
40. **Chung, M. L.**, Lennie, T.A., & Moser, D.K. (2014). The feasibility of the Family Sodium Watcher Program to improve adherence to low sodium diet in patients with heart failure and caregivers. *Circulation*, 130 (22), Suppl 2: A16922.
41. **Chung, M. L.**, Lennie, T.A., & Moser, D.K., (2014). Depressive symptoms mediate the relationship between perceived control and quality of life in patients with heart failure and family caregivers, *Circulation*, 130 (22), Supple 2: A16902.
42. Dekker, R.L., Ashford, K. B., Lennie, T.A., **Chung, M. L.**, Biddle, M, Mudd-Martin, G., Bailey, A.L., & Moser, D.K. (2014). Elevated cardiovascular risk factors among Appalachian women with a history of pregnancy complications. *Circulation*, 130 (22), Supple 2: A13901.
43. Adams, K.L., Dekker, R. L., Lennie, T.A., **Chung, M. L.**, Dracup, K., Moser, D.K. (2014). Event-free survival in African American patients with heart failure. *Circulation*, 130 (22), Supple 2: A13354.
44. §Thylen, I., Stromberg, A., Moser, D., & **Chung, M.** (2014). Concerns about implantable cardioverter defibrillator shocks mediate the relationship between shocks and psychological distress. *Circulation*, 130 (22), Suppl 2: A113420.
45. **Chung, M. L.**, Lennie, T.A., & Moser, D. K. (2014). Association between depressive symptoms and emotional well-being was moderated by gender, no caregiving status, in heart failure patient-caregiver dyads. *Journal of Cardiac Failure*, 20 (85), S52.

46. **Chung, M.L.**, Lennie, T.A., & Moser, D.K. (2014). The feasibility of the family cognitive education intervention to improve depressive symptoms and quality of life in patients with heart failure and their family caregivers. *Journal of Cardiac Failure*, 20 (85). S52.
47. Lennie, T.A., Kang, J, **Chung, M.L.**, Song, E, Y., Heo, S., Dunbar, S.B., Westneat, S., & Moser, D. K. (2014). The healthy eating index is not a predictor of event-free survival in patients with heart failure. *Journal of Cardiac Failure*, 20 (85). S104.
48. **Chung, M. L.**, Moser, D. K., Biddle, M.J., Mudd-Martin, G., Bailey, A., Casey, B., Novak, M. J., & Lennie, T. A. (2014). Rural residents with depression had poor heart healthy diet. *European Journal of Cardiovascular Nursing*, 13(SL), S50.  
DOI: 10.1177/1474515114521363
49. <sup>§</sup>Stromberg, A., Arestedt, K., & **Chung, M.** (2014). The relationship between depression, perceived control, and health in patients with heart failure and their spouses through exploring the Actor-Partner Interdependence model. *European Journal of Cardiovascular Nursing*, 13(SL), S30. DOI: 10.1177/1474515114521363
50. Lennie, T. A., **Chung, M. L.**, Biddle, M.J., Mudd-Martin, G., Bailey, A., Casey, B., Westneat, S., Novak, M. J., & Moser, D. K. (2014). Financial status is related to following a heart healthy diet in rural adults with multiple cardiovascular risk factors. *European Journal of Cardiovascular Nursing*, 13(SL), S57. DOI: 10.1177/1474515114521363
51. Moser, D.K., Martin, G.M., Biddle, M.J., **Chung, M.L**, Rayens, M.K., Bailey, A., & Lennie, T.A. (2014). The hearthealth trial: improving depressive symptoms and cardiovascular disease risk in the most physically and mentally unhealthy area in the United States on behalf of HeartHealth. *European Heart Journal*, 35 (Abstract Supplement), 905.  
DOI: 10.1093/eurheartj/ehu326
52. Moser, D. K., Biddle, M. J., **Chung, M. L.**, Dekker, R., Lennie, T. A., Mudd-Martin, G. (2013). How enhancing self-care in patients with heart failure can avert a healthcare crisis. *Journal of Cardiac Failure*, 19, S107.
53. **Chung, M. L**, Lennie, T. A., Biddle, M. J., Mudd-Martin, G. T., Bailey, A. L., Casey, B. R., Novak, M. J., & Moser, D. K. (2013). Cardiovascular risk reduction in rural family caregivers: Evidence of effectiveness despite caregiver demands. *Circulation*. 128:A12343.
54. **Chung, M. L**, Lennie, T. A., & Moser, D. K. (2013). A gradual taste adaptation strategy improved adherence to the low sodium diet among patients with heart failure. *Circulation*. 128:A13979.
55. Lennie, T.A. Biddle, M. J., Mudd-Martin, G. T., Bailey, A. L., Casey, B. R., Novak, M. J., **Chung, M. L**, & Moser, D. K. (2013). An intervention to reduce sodium intake can lower blood pressure in adults with multiple cardiovascular risk factors living in a rural austere environment. *Circulation*. 128:A17858.
56. Moser, D. K., Biddle, M. J., Mudd-Martin, G. T., Bailey, A. L., Casey, B. R., Novak, M. J., Lennie, T.A., & **Chung, M. L**. (2013). Cardiovascular risk reduction in socioeconomically austere rural environments: A randomized controlled efficacy trial of a self-care intervention followed by an effectiveness study. *Circulation*. 128:A16489.
57. \*Park, L. G., Howie-Esquivel, J., **Chung, M.**, & Dracup, K. (2013). A text messaging intervention improves medication adherence for patients for patients with coronary heart disease: a randomized controlled trial. *Circulation*. 128:A533.
58. Moser, D. K., Dekker, R. L., Mudd-Martin, G. T., **Chung, M. L.**, Biddle, M.J., Bailey, A. L., Casey, B. R., Westneat, S., Rayens, M. K., Novak, M. J., & Lennie, T.A.(2013). Improving depressive symptoms among rural patients at high risk for cardiovascular disease in the most mentally distressed are in the country. *Circulation*. 128:A.16947.
59. Biddle, M.J., Lennie, T.A, Mudd-Martin, G. T., Bailey, A. L., Novak, M. J., Casey, B. R., **Chung, M. L.**, & Moser, D. K. (2013). A dietary intervention rich in antioxidants reduces inflammation and oxidative stress. *Circulation*. 128:A15553.



60. Adams, K. L. Dekker, R. L., Lennie, T.A, **Chung, M. L.**, Dracup, K., & Moser, D. K. (2013). African American race is independently associated with poorer outcomes in patients with heart failure even in the presence of multiple risk factors for poor outcomes. *Circulation*. 128:A15841.
61. **Chung, M. L.**, Bakas,T., Plue,L.,& Linda Williams. (2013). Effects of Self-Esteem, Optimism, and Perceived Control on Depression: Testing Dyadic Dynamics in Stroke Survivor-Spouse Dyads. *Stroke*. 44:A28.
62. **Chung, M. L.**, Lennie, T. A., Mudd-Martin, G. T., Biddle, M. J., Casey, B. R., Bailey, A. L., Novak, J., Moser, D. K. (2012). Depressed rural residents are at high risk of cardiovascular disease. *Circulation*. 126 (21 Supplement): A13046.
63. \*Dekker, R. L., Lennie, T. A., Doering, L. V., **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 (21 Supplement): A14291.
64. Mudd-Martin, G. T., **Chung, M. L.**, Frazier, S. F., Lennie, T. A., Biddle, M. J., Casey, B. R., Bailey, A. L., Novak, J., Moser, D. K. (2012). Family history of cardiovascular disease in a first depress relative is associated with high risk profile, but not healthier life style. *Circulation*. 126 (21 Supplement): A19316.
65. **Chung, M. L.**, Lennie, T. A., Mudd-Martin, G. T., Frazier, S. F., Biddle, M. J., Casey, B. R., Bailey, A. L., Novak, J., Moser, D. K. (2012). Family caregivers have greater risk of depression and cardiovascular disease than non-caregivers in rural Kentucky. *Circulation*. 126 (21 Supplement): A9860.
66. **Chung, M. L.**, Moser, D. K., Frazier, S. K., & Lennie, T. A. (2012). Perceived benefits of, but not barriers to, following a low sodium diet predict long-term adherence in patients with heart failure. *Journal of Cardiac Failure*, 18(8), Suppl: S82.
67. **Chung, M. L.**, Moser, D. K., & Lennie, T. A. (2012). Perceived control predicts perceptions of positive changes in life as a result of caring for a patient with heart failure. *Journal of Cardiac Failure*, 18(8), Suppl: S72.
68. Moser, D. K., Wu, J., **Chung, M. L.**, Biddle, M. J., Schooler, M., & Lennie, T. A. (2012). Randomized controlled trial of a biobehavioral intervention for depression in patients with heart failure. *Journal of Cardiac Failure*, 18(8), Suppl: S69.
69. **Chung, M.L.**, Lennie, T. A., Connell, A., Bailey, A. L., & Moser, D. K. (2011). Depression is associated with cardiovascular disease risk in prison inmates. *Circulation*. 124(21 Suppl.):A13456
70. \*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(21 Suppl.):A13659
71. Wu, J-R., Lennie, T., Dekker, R., **Chung, M.**, & 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(21 Suppl.):A8741
72. Lennie, T.A., Biddle, M. J., **Chung, M.L.**, Dunbar, S. B., Pressler, S.J., Heo, S., Song, E.K., & Moser, D.K. (2011). Diets low in sodium and high in lycopene and omega-3 fatty acids are associated with lower symptom burden and better quality of life in patients with heart failure. *Circulation*. 124(21 Suppl.):A10047
73. Connell, A., **Chung, M.L.**, Lennie, T.A., Bailey, A., & Moser, D. (2011). Risk factors for cardiovascular disease in inmates. *Circulation*.124(21 Suppl.):A17248
74. **Chung, M. L.**, Moser, D. K., Frazier, S. K., & Lennie, T. A. (2011). Quality of life and family function are poorest when both patients with heart failure and their caregivers depressed. *Journal of Cardiac Failure*, 17 (8 Suppl): S81.

75. **Chung, M. L.**, Moser, D. K., Rayens, M. K., & Lennie, T. A. (2010). Depressive symptoms in patients with heart failure and caregivers influence their own and their partners' mental component of quality of life. *Circulation*, 122 (21 Suppl):A16701.
76. Eastwood, J., Moser, D. K., Riegel, B., Albert, N., Pressler, S., Dunbar, S., **Chung, M.**, Wu, J., & Lennie, T. A. (2010). Gender counts: Depressive symptoms in women and men with heart failure. *Circulation*, 122 (21 Suppl):A18172.
77. Dekker, R. L., Lennie, T. A., Albert, N., Riegel, B., **Chung, M. L.**, Heo, S., Song, E. K., Wu, J. R., Moser, D. K. (2010). Change in depressive symptom status predicts health-related quality of life in patients with heart failure. *Cleveland Clinic Journal of Medicine*, 77 (3 Suppl.), S87.
78. **Chung, M. L.**, Moser, D. K., Dunbar, S. B., Pressler, S. J., Song, E. K., & Lennie, T. A. (2009). Antidepressants do not improve event-free survival in patients with heart failure when depressive symptoms remain. *Circulation*, 120 (18 Suppl.): S451.
79. **Chung, M. L.**, Dunbar, S. B., Pressler, S. J., Lennie, T. A. & Moser, D. K. (2009). Depressive Symptoms in Patients with Heart Failure Negatively Affect Family Caregiver Outcomes and Quality of Life. *Circulation*, 120 (18 Suppl.): S451-452.
80. Riegel, B., Lee, C. S., **Chung, M.**, Albert, N., Lennie, T., Song, E. K., Bently, B., Worrall-Carter, L., Heo, S., Moser, D. K. (2009). From the novice to expert: Confidence and activity status determine heart failure self-care performance. *Circulation*, 120(18 Suppl.): S514-S515. **(The Best Abstract Award)**.
81. Lennie, T. A., Song, E. K., Heo, S., **Chung, M. L.**, Dunbar, S. B., Pressler, S. J., & Moser, D. K. (2009). Micronutrient deficiency independently predicts event-free survival in patients with heart failure. *Circulation*, 120(18 Suppl.): S515.
82. \*Payne-Emerson, H., Moser, D. K., Heo, S., **Chung, M. L.**, Song, E. K., Worrell-Carter, L., Dunbar, S. B., Pressler, S. J., & Lennie, T. A. (2009). Obesity increases the risk for hospitalization and death only in patients with heart failure who have diabetes as a comorbidity. *Circulation*, 120(18 Suppl.): S515-S516.
83. Wu, J., Lennie, T. A., **Chung, M. L.**, Frazier, S. K., Dekker, R. D., Biddle, M. J., & Moser, D. K., (2009). Medication adherence mediates the relationship between marital status and event-free survival in patients with heart failure. *Circulation*, 120(18 Suppl.): S516.
84. Moser, D. K., Wu, J., **Chung, M. L.**, Biddle, M. J., Dekker, R., & Lennie, T. A. (2009). What happens when heart failure patients don't know what they don't know. *Circulation*, 120(18 Suppl.): S449.
85. **Chung, M. L.**, Moser, D. K., & Lennie, T. A. (2009). Adherence to the low sodium diet in patients with heart failure is best when family members also follow the diet. *Journal of Cardiac Failure*, 15(6) Suppl: S92.
86. Lee, K. S., Lennie, T. A., Heo, S. Wu, J. **Chung, M. L.**, & Moser, D. K. (2009). Comparison of the impact of PHQ-9 scores with and without physical symptom items on vent-free survival in patients with heart failure. *Journal of Cardiac Failure*, 15(6), Suppl: S5. **(Finalist of Nursing Research Award)**.
87. Huang, T. Y., Moser, D. K., Hwang, S. L., Lennie, T. A., **Chung, M. L.**, Wu, J., Biddle, M., & Heo, S. Psychosocial factors moderate the relationship between clinical status and dyspnea in both Taiwanese and American heart failure patients. *Journal of Cardiac Failure*, 15(6) Suppl: S120.
88. Huang, T. Y., Moser, D. K., Hwang, S. L., Hseih, Y. S., Gau, B. S., Chiang, F. T., Lennie, T. A., **Chung, M. L.**, Biddle, M., & Heo, S. (2009). Symptoms and depression are predictors of health-related quality of life in both Taiwanese and American heart failure patients. The 2009 RCN International Nursing Research Conference Book of Abstracts, Nurse Researcher, 12.
89. **Chung, M. L.**, Pressler, S. J., Lennie, T.A, & Moser, D. K. (2008). Predictors of depressive symptoms in caregivers of patients with heart failure. *Circulation*, 118 (18Suppl): S769.

90. **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.
91. \*Abshire, D. A., Moser, D. K., Clasey, J. L., **Chung, M. L.**, Pressler, S. J, Dunbar, S. B., Heo, S. & Lennie, T.A. (2008). Increased body mass index is protective against low bone mineral density in patients with heart failure. *Circulation*, 118: S920.
92. \*Dekker, R. L., Lennie, T. A., Peden, A. R., **Chung, M. L.**, Wu, J., & Moser, D.K. (2008). Negative thinking: A modifiable target for the treatment of depressive symptoms in patients with heart failure. *Circulation*, 118: S976
93. Lee, K. S., Lennie, T.A., Riegel, B., Heo, S., **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.
94. Lennie, T.A., Heo, S., Pressler, S. J., Dunbar, S., **Chung, M. L.**, Song, E. K., & Moser, D. K. (2008). Appetite ratings on single-item visual analog scale identify patients with heart failure at risk for malnutrition. *Circulation*, 118: S920.
95. \*Payne-Emerson, H., Song, E. K., Heo, S, Moser, D. K., **Chung, M. L.**, Dunbar, S. B., Pressler, S. J., & Lennie, T. A. (2008). Evidence of a need for a more comprehensive approach to dietary self-management for patients with heart failure and diabetes. *Circulation*, 118: S921.
96. Wu, J., Lennie, T. A., De Jong, M., Rayens, M. K, Riegel, B., **Chung, M. L.**, & Moser, D. K. (2008). Heart failure patients in rural areas have better event-free survival than those living in urban areas. *Circulation*, 118: S825.
97. Wu, J., 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.
98. **Chung, M. L.**, Moser, D. K., & Lennie, T. A. (2008). Perceived social support predicted quality of life in patients with heart failure but the effect is mediated by depressive symptoms. *Journal of Cardiac Failure*, 14(6) Supp1: S88.
99. Biddle, M. J., Moser, D. K., Lennie, T. A., & **Chung, M. L.** (2008). The association of perceived control to adherence in heart failure. *Journal of Cardiac Failure*, 14(6) Supp1: S101.
100. Huang, T, Moser, D.K., Hwang, S, Lennie, T., & **Chung, M.** (2008). Health-related quality of life of patients with heart failure is worse in Americans compared to Taiwanese. *Journal of Cardiac Failure*, 14(6) Supp1: S116.
101. Wu, J., Moser, D. K., Lennie, T. A., **Chung, M. L.**, & De Jong, M. J. (2008). Medication adherence mediates the relationship between ethnicity and event-free survival in patients with heart failure. *Journal of Cardiac Failure*, 14(6) Supp1: S95.
102. Song, E. K., Moser, D. K., **Chung, M. L.**, Heo, S, & Lennie, T. A. (2008). The relationship among depressive symptoms, N-terminal pro B type natriuretic peptide, and cardiac events in patients with heart failure. *Journal of Cardiac Failure*, 14(6) Supp1: S5. (**Finalist in Nursing Research Award**).
103. Steinke, E.E., Wright, D.W., Mosack, V., Moser, D.K., & **Chung, M.L.** (2008). Predictors of sexual activity among patients living with heart failure. *Circulation*, 117(11), e218.
104. **Chung, M. L.**, Lennie, T. A., Riegel, B., Dekker, R. D., Wu, J, Heo, S., & Moser, D. K. (2007). Presence of spouses impacts positively survival in patients with heart failure regardless of presence of depressive symptoms. *Circulation*, 116: II-633.
105. Dekker, R. L., Moser, D. K., **Chung, M. L.**, Heo, S., & Lennie, T. A. (2007). The impact of depressive symptoms on survival in patients with heart failure is altered by body mass index *Circulation*, 116: II-533.

106. Wu, J. Moser, D. K., **Chung, M. L.**, & Lennie, T. A. (2007). Objectively measured, but not self-reported, medication adherence independently predicts event free survival in patients with heart failure. *Circulation*, 116: II-364.
107. Lennie, T. A., **Chung, M. L.**, Heo, S., Dekker, R. L., & Moser, D. K. (2007). Three gram sodium intake is associated with better event free survival only in patients with advanced heart failure. *Circulation* 116: II 468-487.
108. Payne-Emerson, H., Heo, S., Dunbar, S., Moser, D. K., **Chung, M. L.**, & Lennie, T. A. (2007). Omega-3 fatty acid intake is lower in heart failure patients with anxiety and depressive symptoms. *Circulation* 116: II-532.
109. **Chung, M. L.**, Moser, D. K., & Rayens, M. K. (2007). The effects of depressive symptoms and anxiety on quality of life: Testing dyadic dynamic using actor partner interdependence model. *Journal of Cardiac Failure*, 13(6) Suppl.2: S160.
110. Frazier, S. K., Lennie, T. A., Mannino, D. M., **Chung, M. L.**, Heo, S., & Moser, D. K. (2007). Inflammatory profiles are different in heart failure patients with and without COPD. *Journal of Cardiac Failure*, 13(6) Suppl2: S104.
111. Wu, J., **Chung, M.L.**, Lennie, T.A., Hall, L.A., & Moser, D.K. (2007). Testing the psychometric properties of the medication adherence scale in patients with heart failure. *Progress in Cardiovascular Nursing*, 22: 112. **(Finalist of Oral Research Competition)**
112. \*Hammash, M.H., Lennie, T.A., **Chung, M.L.**, Heo, S., & Moser, D. K. (2007). Psychometrics of the patients health questionnaire for measurement of depressive symptoms in patients with heart failure. *Progress in Cardiovascular Nursing*, 22: 113.
113. \*Dekker, R.L., Lennie, T.A., **Chung, M.L.**, & Moser, D. K. (2007). Depressive symptoms do not predict physical activity levels in patients with heart failure. *Progress in Cardiovascular Nursing*, 22: 113. **(Finalist of Oral Research Competition)**.
114. Heo, S. Moser, D.K., Lennie, T.A., Riegel, B., & **Chung, M.L.** (2007). Sex differences in factors affecting self-care behaviors in patients with heart failure. *Progress in Cardiovascular Nursing*, 22: 119.
115. **Chung, M.L.**, Moser, D.K., & Lennie, T.A. (2007). Similarity of depressive symptoms between heart failure patients and their spousal caregivers. *Progress in Cardiovascular Nursing*, 22: 120-121.
116. Moser, D. K., Lennie, T. A., & **Chung, M. L.** (2006). Nonadherence is a mediator of the link between depressive symptoms, and rehospitalization or mortality in patients with heart failure. *Circulation*, 114(Suppl. II): II-518.
117. Steinke, E. E., Wright, D. W., Moser, D. K., **Chung, M. L.** (2006). Sexual self-concept, anxiety, and self-efficacy predict sexual activity in heart failure and healthy elders. *Circulation*, 114(Suppl. II): II-703.
118. **Chung, M. L.**, Lennie, T. A., & Riegel, B., & Moser, D. K. (2006). Spouses enhance medication adherence in patients with heart failure. *Circulation*, 114(Suppl. II): II-518.
119. Heo, S., Moser, D.K., Lennie, T.A., & **Chung, M.L.** (2006). Relationships among perceived control, depression, functional status, and health-related quality of life in patients with heart failure. *Circulation*, 114 (Suppl. II), II-517.
120. **Chung, M. L.**, Moser, D. K., Lennie, T. A., & Riegel, B. (2006) Presence of a spouse improves adherence to medication in patients with heart failure. *Journal of Cardiac Failure*, 12(6) Suppl.: S100.
121. Corley, J. Corley, **Chung, M. L.**, Moser, D. K., & Lennie, T.A. (2006). Comparison of nutritional intake and nutritional status among patients with heart failure and similarly-aged healthy elders. *Journal of Cardiac Failure*, 12(6) Suppl1: S115.
122. Ter-Galstanyan, A., Evangelista, L. S., Moser, D. K., Lennie, T. A., De Jong, M., **Chung, M.**, & Fonarow, G. C. (2006) What factors increase anxiety and depression in advanced heart failure. *Journal of Cardiac Failure* 12(6) Suppl1: S108.

123. **Chung, M. L.**, De Jong, M., Wu, J-R., Lennie, T. A., Riegel, B., & Moser, D. K. (2006). Patients differ in their ability to self-monitor adherence to low sodium diet vs. medication. *Progress in Cardiovascular Nursing*, 21: 108.
124. Wu, J., Moser, D. K., Lennie, T. A. De Jong, M., & **Chung, M. L.** (2006). The effect of depression and anxiety on medication adherence in patients with heart failure. *Progress in Cardiovascular Nursing*, 21: 109.
125. Lennie, T. A., Moser, D. K., **Chung, M. L.**, & Heo, S. (2005). Dietary fat intake affects proinflammatory cytokine levels and event-free survival in patients with heart failure. *European Journal of Cardiovascular Nursing*, 4: 70. (2006 Research Article of Year Award)
126. **Chung, M. L.**, Lennie, T. A., & Moser, D. K. (2005). Impact of gender, marital status, and diabetes on adherence to a low sodium diet. *European Journal of Cardiovascular Nursing*, 4: 73.
127. Heo, S., Lennie, T. A., Zambroski, C., **Chung, M. L.**, & Moser, D. K. (2005). A comparison of quality of life between patients with heart failure and elders without cardiac disease. *European Journal of Cardiovascular Nursing*, 4(1): 53.
128. Heo, S., Moser, D. K., Lennie, T. A., & **Chung, M. L.** (2005). Gender differences in the effects of physical and emotional symptoms of health-related quality of life in patients with heart failure. *Circulation*, 111: E-59.
129. Moser, D. K., Lennie, T. A., Worrall-Carter, L., **Chung, M. L.**, & Biddle, M. (2004). Symptom variability, not severity, predicts rehospitalization in patients with heart failure. *Circulation*, 110: III-738.
130. **Chung, M. L.**, Lennie, T. A., Worrall-Carter, L., Bentley, B., & Moser, D. K. (2004). Gender differences in adherence to the sodium-restricted diet in patients with heart failure. *Circulation*, 110: III-739.
131. Moser, D. K., Zambroski, C.H., Lennie, T. A., **Chung, M. L.**, Dracup, K., Doering, L.V., Evangelista, L., & Westlake, C (2004). Aging with a broken heart: The effect of heart disease on psychological distress in the elderly. *Circulation*, 110: III-416.
132. **Chung, M. L.**, Moser, D. K., Lennie, T. A., Worrall-Carter, L., & Bentley, B. (2004). Women are more adherent to low sodium diet recommendation than men. *Journal of Cardiac Failure*, 10 (Suppl.): S21.
133. Zambroski, C. H., Lennie, T. A., **Chung, M. L.**, Heo, S., Smoot, T., & Ziegler, C. (2004). Use of the Memorial Symptom Assessment Scale Heart Failure in heart failure patients. *Circulation*, 110 (Suppl. 17): III-739.
134. De Jong, M., Moser, D. K., & **Chung, M. L.** (2004). Anxiety, depression, functional status are the best predictors of health status for patients with heart failure. *Journal of Cardiac Failure*, 10 (Supple. 4): S21.
135. Biddle, M., Moser, D. K., **Chung, M.**, Trupp, R., Lennie, T. A., & Widener, J. (2003). Following a sodium restricted diet: Attitudes and barriers. *Journal of Cardiac Failure*, 9 (Suppl.): S5.
136. Moser, D. K., Zambroski, C. H., Roser, L., Heo, S., & **Chung, M.** (2003). Characteristics of heart failure patients who received hospice care at the end of life. *Journal of Cardiac Failure*, 9 (Suppl.): S103.

**Presentations (refereed)**

**International Conference held in foreign country-data based** § International collaboration, \* student

1. **Chung, M.L.** Miller, J. L., & Moser, D.K (2020). Does gender moderate the associations of caregiving distress with engagement in healthy behaviors and self-management in rural caregivers? European Society of Cardiology Congress 2020, Amsterdam, Netherlands.
2. **Chung, M.L.**, Lee, S.J., Moser, D.K., & King, R.B. (2019). Caregivers with persistent depressive symptoms are at high risk of having poor health status over 1-year of caregiving, European Society of Cardiology Congress 2019, Paris. France.
3. **Chung, M.L.**, Miller, J.M., Lennie, T.A., & Moser, D.K. (2019). Associations between interpersonal relationship quality and health related quality of life in patients with heart failure and their family caregivers: A dyadic analysis. Poster presentation at the EuroHeartCare 2019, Milan, Italy.
4. <sup>§</sup>Dellafiore, F., **Chung, M.L.**, Alvaro, R., Pucciarelli, G. Durante, A., & Vellone, E. (2019). When their relationship is good, heart failure patients and caregivers have lower anxiety and depression: An analysis with Actor-Partner Interdependence Model. Moderated Poster presentation at the EuroHeartCare 2019, Milan, Italy.
5. **Chung, M.L.**, Lennie, T.A., S. Kim, Miller, J., & Moser, D.K. (2018). The underappreciated caregiver and family characteristics predict depressive symptoms in family caregivers of patients with heart failure. Poster presentation at the European Society of Cardiology Congress 2018, Munch, Germany
6. **Chung, M.L.**, Lennie, T.A., & Moser, D.K. (2018). Heart Failure patients and their family caregivers: The dyadic association of psychological distress with relationship quality. Moderated Poster presentation at the EuroHeartCare 2018, Dublin, Ireland. The Best Moderated Poster Presentation Award.
7. <sup>§</sup>Thomson, P., Howie, C.A., Leslie, S.J., Amgus, N., Mohan, A.R., Mondo, C., Smith, A., & **Chung, M.** (2018). The effects of emotional distress on quality of life of patients with heart failure and their family caregivers: testing dyadic dynamics using the actor-partner interdependence model. Moderated Poster presentation at the EuroHeartCare 2018, Dublin, Ireland.
8. <sup>§</sup>Dellafiore, F., **Chung, M.L.**, Alvaro, R., Paturzo, M., Vellone, E. (2018). Better mutuality in heart failure patient and caregiver dyads improves their self-care: results of a dyadic analysis. Moderated Poster presentation at the EuroHeartCare 2018, Dublin, Ireland.
9. <sup>§</sup>Juarez-vela, R., **Chung, M.L.**, Durante, A., Gea-Caballero, V.A., Cabellos-Garcia, A.C., Anton-Solanas, I., Vellone, E. (2018) Moderated Poster presentation at the EuroHeartCare 2018, Dublin, Ireland. The Best Moderated Poster Presentation Award.
10. Moser, D.K., **Chung, M.L.**, Lennie, T.A. (2018). Does depression affect outcomes in a clinical trial of a self-care cardiovascular disease risk reduction intervention conducted in a socioeconomically austere environment? Oral presentation at the EuroHeartCare 2018, Dublin, Ireland.
11. **Chung, M.L.**, Moser D.K., Kang, J., Lennie, T.A. (2018). Patients with heart failure eat same quality of diet as their family caregivers. Oral presentation at the Family Health Over Lifespan, Groningen, Netherlands.
12. **Chung, M.L.**, Miller, J., Biddle, M.J., & Moser, D.K. (2017). Attitudes and knowledge of implantable cardioverter defibrillator device therapy at the end-of-life in recipient-caregiver dyads. Oral presentation at the EuroHeartCare 2017, Jönköping, Sweden. Finalist in oral presentation competition.

13. Lennie, T.A., Moser, D.K., & **Chung, M.L.** (2017). Higher sodium intake in men with heart failure is not simply a function of eating more food. Moderated poster presentation at the EuroHeartCare 2017, Jonkoping, Sweden. The Best Moderated Poster Presentation Award
14. **Chung, M.L.**, Moser, D.K., & Lennie, T.A. (2017). Adherence to low sodium diet in heart failure patient-caregiver dyads. Poster presentation at the Heart Failure 2017 and World Congress on Acute Heart Failure, Paris, France.
15. <sup>§</sup>Stromberg, A., **Chung, M.L.**, Jaarsma, T., Luttik, M.L., Lewis, E., Calado, F., Lahoz, R., Hudson, E., & Deschaseux, C. (April, 2016). Disease severity is related to psychosocial distress in chronic heart failure patients, but not in caregivers: results from an observational study. Oral presentation at the EuroHeartCare 2016, Athens, Greece.
16. <sup>§</sup>Waldreus, N., Van Der Wal, M.H.L., **Chung, M.L.**, & Jassrma, T. (April, 2016). *Fluid restriction predicts thirst distress in patients with heart failure*. Oral presentation at the EuroHeartCare 2016, Athens, Greece.
17. <sup>§</sup>Liljeroos, M., Arestedt, K.A., Stromberg, A.S., & **Chung, M.L.** (April, 2016). Do patients and caregivers perceived control impact depression and well-being in patients with heart failure and partners? Poster Presentation at the EuroHeartCare 2016, Athens, Greece.
18. <sup>§</sup>Liljeroos, M., Stromberg, A., & **Chung, M.** (March, 2016). *Patients and caregiver symptoms of depressive symptoms mediate the relationship between perceived control and well-being*. Poster Presentation at the EuroHeartCare 2016, Athens, Greece.
19. **Chung, M. L.** Moser, D.K., & Lennie, T.A. (August, 2015). *Gender moderates the associations between perceived caregiving burden and outcomes in caregivers of patients with heart failure*. Best Abstract in Nursing. Poster Presentation at the European Society of Cardiology Congress 2015, London, England.
20. **Chung, M. L.**, Bakas, T., Plue, L. D., & Williams, L. S. (November, 2015). *Gender moderates the associations between caregiving and health status in stroke caregivers*. Invited poster presentation of the Best of AHA Specialty Conference at the 2015 Scientific Session of the American Heart Association, Orlando, FL.
21. Abshire, D.A., Lennie, T.A., **Chung, M.L.**, Biddle, M. J., & Moser, D.K. (November 2015). Obesity Moderates the Relationship Between Depressive Symptoms and Diet Quality in Overweight and Obese Adults in Rural Kentucky. Poster presentation at the Scientific Session of the American Heart Association, Orlando, FL.
22. <sup>§</sup>Thomson, P., Howie, K. & **Chung, M.L.** (2015) The effect of self-efficacy and social support on quality of life of patients and family caregivers after coronary artery bypass grafting. Poster presentation at the Scientific Session of the American Heart Association, Orlando, FL.
23. Dekker, R. L., Lennie, T.A., Moser, D.K., Miller, C.S., Ebersole, J. L., Chung, M.L., Campbell, C.L., Bailey, A., & Tovar, E.G. (2015). Levels of oral inflammation-not salivary or serum biomarkers-predict worse functional status in hospitalized patients with heart failure. Oral presentation at the Scientific Session of the American Heart Association, Orlando, FL. (Finalist of the Martha N. Hill New Investigator Award)
24. **Chung, M. L.**, Bakas, T., Plue, L. D., & Williams, L. S. (February, 2015). *Gender moderates the associations between caregiving and health status in stroke caregivers*. Podium presentation at the American Heart Association International Stroke Conference. Nashville, TN.
25. <sup>§</sup>Andreae, C., Stromberg, A., **Chung, M. L.**, Lennie, T.A., & Arestedt, K. (June, 2015). Depressive symptoms as a moderator and mediator of the relationship between physical activity, appetite and perceived health among patients with heart failure. Poster presentation at the EuroHeartCare, Dobrovnik, Croatia
26. <sup>§</sup>Stromberg, A., Bonner, N., Grant, L., Bennett, B., **Chung, M.**, Jassrsmar, T., Calado, F., & Deschaseux, C. (June, 2015). Psychometric validation of the caregiver burden questionnaire

- for heart failure (CBQ-HF v4.0). Poster presentation at the EuroHeartCare, Dobrovnik, Croatia.
27. **Chung, M. L.**, Moser, D. K., Biddle, M.J., Mudd-Martin, G., Bailey, A., Casey, B., Novak, M. J. & Lennie, T. A., *Rural residents with depression had poor heart healthy diet.*(April, 2014). Moderated Poster presentation at the EuroHeart Care 2014, European Society of Cardiology. Stavanger, Norway.
  28. <sup>§</sup>Stromberg, A., Arestedt, K., & **Chung, M.** (April, 2014). *The relationship between depression, perceived control, and health in patients with heart failure and their spouses through exploring the Actor-Partner Interdependence model.* Poster presentation at the EuroHeart Care 2014, European Society of Cardiology. Stavanger, Norway.
  29. Lennie, T. A., **Chung, M. L.**, Biddle, M. J., Mudd-Martin, G., Bailey, A., Casey, B., Westneat, S., Novak, M. J., & Moser, D. K. (April, 2014). *Financial status is related to following a heart healthy diet in rural adults with multiple cardiovascular risk factors.* Oral presentation at the EuroHeart Care 2014, European Society of Cardiology. Stavanger, Norway.
  30. Moser, D.K., Martin, G.M., Biddle, M.J., **Chung, M.L.**, Rayens, M.K., Bailey, A., & Lennie, T.A. (September, 2014). *The hearthealth trial: improving depressive symptoms and cardiovascular disease risk in the most physically and mentally unhealthy area in the United States on behalf of HeartHealth.* Poster Presentation at the European Society of Cardiology Congress. Barcelona, Spain.
  31. **Chung, M. L.**, Moser, D. K., Biddle, M. J., Mudd-Martin, G. T., Bailey, A. L., Casey, B. R., Novak, M. J., Lennie, T. A. (2013, September). *Depression is Associated with High Risk of Poor Diet Quality in Rural Adults with Multiple Cardiovascular Risk Factors.* 9th International Nursing Conference, Seoul, Korea, South, peer-reviewed/refereed.
  32. Moser, D.K., Wu, J.R., Welsh, J., **Chung, M.L.**, Abshire, D.A., Dekker, R.L., Lee, K.S., Lennie, T.A. (2012). *Precipitants of hospital admission for exacerbation of heart failure.* 2012 World Congress of Cardiology Scientific Sessions, World Congress of Cardiology, Dubai, United Arab Emirates.
  33. Saleh, Z. T., Lennie, T. A., **Chung, M. L.**, Connell, A., Moser, D. K. (2012, August). *Self-rated health perception predicts coronary heart disease risk factors in prison inmates.* The European Society of Cardiology Congress 2012, Munich, Germany. Poster presentation, peer-reviewed/refereed.
  34. **Chung, M. L.** (2010, June). *Current status of clinical preceptor program in the United States.* 2010 International Nursing Conference on a Collaborative Research for Nursing Education and Clinical Practice. College of Nursing, Catholic University of Daegu, Daegu, South Korea. Invited talk, research/scholarly.
  35. **Chung, M. L.** (2010, June). *Medication adherence: Self-report vs. Objective measure.* College of Nursing, University of Yonsei. South Korea. Invited talk, research/scholarly.
  36. **Chung, M. L.**, Moser, D. K., Lennie, T. A., & Rayens, M. K. (2010, May). *Depressive symptoms in patients with heart failure influence their own and their caregivers' quality of life.* 2010 international Conference on Support for Self Management of Health, Stirling, Scotland.
  37. <sup>§</sup>Thomson, P. Molly, G., & **Chung, M. L.** (2010, May). *Perceived social support of patients having coronary artery bypass grafting surgery influence their own and their caregivers' mental health.* 2010 international Conference on Support for Self Management of Health, Stirling, Scotland.
  38. Moser, D. K., Wu, J., Frazier, S. K., **Chung, M. L.**, Lennie, T. A. (2010, May). *Concordance of self-reported and objectively measured medication adherence in heart failure: Impact on outcomes.* 2010 Conference on Support of Self Management of Health, University of Stirling, Stirling, Scotland, May 11-13, 2010, peer-reviewed/refereed.



39. Wu, J. Lennie, T. A., Frazier, S. K., **Chung, M. L.**, Dekker, R. D., Biddle, M., & Moser, D. K. (2010, May). *Medication adherence, marital status and outcomes in heart failure*. 2010 Conference on Support of Self Management of Health, University of Stirling, Stirling, Scotland, May 11-13, 2010, peer-reviewed/refereed.
40. Lennie, T. A., Moser, D. K., **Chung, M.**, Worrel-Carter, L., & Trupp, R. (2004, September). *Relationships among body mass index and serum levels of soluble TNF receptors and B-type natriuretic peptide in patients with heart failure*. European Society of Cardiology Congress 2004, Munich, Germany.
41. **Chung, M. L.**, Lennie, T. A., & Moser, D. K. (2005, March). *Impact of gender, marital status, and diabetes on adherence to a low sodium diet*. Poster presented at the 5<sup>th</sup> Annual Spring Meeting of the Working Group on Cardiovascular Nursing of the European Society of Cardiology, Basel, Switzerland.
42. Heo, S., Lennie, T. A., Zambroski, C., **Chung, M. L.**, & Moser, D. K. (2005, March). *A comparison of quality of life between patients with heart failure and elders without cardiac disease*. Poster presented at the 5<sup>th</sup> Annual Spring Meeting of the Working Group on Cardiovascular Nursing of the European Society of Cardiology, Basel, Switzerland.
43. Lennie, T. A., Moser, D. K., **Chung, M. L.**, & Heo, S. (2005, March). *Dietary fat intake affects proinflammatory cytokine levels and event-free survival in patients with heart failure*. Paper presented at the 5<sup>th</sup> Annual Spring Meeting of the Working Group on Cardiovascular Nursing of the European Society of Cardiology, Basel, Switzerland.
44. **Chung, M. L.** (2005, July 1). *Testing a theory-based intervention to improve adherence to the low sodium diet prescription in patients with heart failure*. Presentation in the meeting of the Nursing Research Conference 2005, Lambda Alpha-at-Large Chapter, Sigma Theta Tau International, Seoul, Korea.

**International and National Conference held in USA- Data based**

1. Moser, D.K., **Chung, M.L.**, Miller, J.L., Mudd-Martine, G, Rayens, M.K., Lennie, T.A. (2019). *Can Adverse Social Determinants of Health be Overcome by Cardiovascular Risk Reduction Interventions Designed Specifically for Rural Socioeconomically Distressed Environments? (CVSN Best abstract Award)*. Oral presentation at the 2019 Scientific Session of the American Heart Association, Philadelphia, PA.
2. **Chung, M.L.**, Miller, J.L., Lennie, T.A., & Moser, D.K. (2019). *Do Heart Failure Patients With Comorbid Diabetes Have Better Diet Quality and Lower Sodium Consumption Than Those Without Diabetes?* Poster presentation at the 2019 Scientific Session of the American Heart Association, Philadelphia, PA.
3. Smith, J.L. **Chung, M.L.**, Miller, J., & Moser, D.K. (2019). *Profile of informal rural caregivers of patients with chronic illness: At high risk for cardiovascular disease*. Oral presentation at the 2019 Scientific Session of the American Heart Association, Philadelphia, PA.
4. Miller, J. L. **Chung, M.L.**, Hammash, M.H., Schrader, M., Moser, D.K. (2019). *Do no harm: Defibrillator knowledge, gender, and device-related concerns*. Oral presentation at the 2019 Scientific Session of the American Heart Association, Philadelphia, PA.
5. \*Madujibeya, I., & **Chung, M.** (2019). *Self-reported engagement in exercise is associated with longer event free-survival in heart failure patients with poor functional capacity*. Poster presentation at the 2019 Scientific Session of the American Heart Association, Philadelphia, PA.
6. \*Clements, L., Moser, D.K., Lennie,T.A., Frazier, S.K., **Chung, M.L.** (2018). *Improvement of heart failure self-care and patient readmission with caregiver education*. Rapid fire presentation at the 2018 Scientific Session of the American Heart Association, Chicago, IL.

7. **Chung, M.L.**, Miller, J., Biddle, M., Moser, D.K. (2018). *Depressive symptoms are substantial in the patients with implantable cardioverter defibrillator device and their family caregivers*. Poster presentation at the 2018 Scientific Session of the American Heart Association, Chicago, IL. USA.
8. **Chung, M.L.**, Moser D.K., Kang, J., Lennie, T.A. (2018). *Patients with heart failure eat same quality of diet as their family caregivers*. Oral presentation at International Korean Nursing Conference, New York, 2018 (Best oral presentation award)
9. **Chung, M.L.**, Lennie, T.A., & Moser, D.K. (2018). *Heart Failure patients and their family caregivers: The dyadic association of psychological distress with relationship quality*. Poster presentation at International Korean Nursing Conference, New York, 2018
10. **Chung, M.L.**, Moser, D.K., Kang, J., & Lennie, T.A. (2017). *Patients with heart failure eat same quality of diet as their family caregivers*. Poster presentation at the 2017 Scientific Session of the American Heart Association, Los Angeles, CA.
11. **Chung, M.L.**, Moser, D.K., & Lennie, T.A. (2017). *Dietary quality was similar in patients with heart failure regardless their adherence to sodium restricted diet*. Poster presentation at the 2017 Scientific Session of the American Heart Association, Los Angeles, CA.
12. **Moser, D.K.**, Feltner, F., Biddle, M.J., Chung, M.L. & Lennie, T.A.(2017). *Reduction of health disparities in Appalachians with multiple cardiovascular disease risk factors: A randomized controlled trial*. Oral presentation at the 2017 Scientific Session of the American Heart Association, Los Angeles, CA.
13. Lee, K. S., Lennie, T.A., **Chung, M. L.**, & Moser, D.K. (2017). *The relationship between depressive symptoms and accurate health perception in individuals at high risk for cardiovascular disease*. Poster presentation at the 2017 Scientific Session of the American Heart Association, Los Angeles, CA.
14. Miller, J.L. **Chung M.L.**, Hammash, M., Harman, J.L., Haedtke, C., Elayi, S.C., Czarapata, M.M., Biddle, M.J., & Moser, D.K. (2017). *Event-free survival in central Appalachian implantable cardioverter defibrillator recipients*. Poster presentation at the 2017 Scientific Session of the American Heart Association, Los Angeles, CA.
15. Hammash, M., Miller, J., **Chung, M.**, Crawford, T., Haedtke, C., Elayi, S.C., Lee, K.S., Czarapata, M., McEvedy, S., Cameron, J., Harman, J., Biddle, M., & Moser, D.K. (2017). *Perceived control in patients with implantable cardioverter defibrillator: A cross-sectional survey from US and Australia*. Poster presentation at the 2017 Scientific Session of the American Heart Association, Los Angeles, CA.
16. <sup>§</sup>Stromberg, A., Liljeroos, M., Arestedt, K., & **Chung, M** (2016). *Examining the relationship between perceived control over the heart disease, depressive symptoms and wellbeing in patients with heart failure and their spouses, an Actor-Partner Interdependence Model*. Oral presentation at the 2016 Scientific Session of the American Heart Association, New Orleans, LA.
17. Biddle, M.J., Kang, J., Miller, J.L., Hammash, M., Careron, J., **Chung, M.L.**, & Moser, D.K. (2016). *Implantable cardioverter defibrillator recipients' perceptions of healthcare providers' discussions related to device therapy*. Oral presentation at the 2016 Scientific Session of the American Heart Association, New Orleans, LA.
18. Smith, J. L., Estus, S., Lennie, T.A., Moser, D.K., **Chung, M.L.**, & Mudd-Martin, G.T. (2016). *TASR genotype is associated with adherence to dietary sodium recommendations in adults with cardiovascular disease risk factors*. Poster presentation at the 2016 Scientific Session of the American Heart Association, New Orleans, LA.
19. **Chung, M. L.**, Bakas, T., Plue, L. D., & Williams, L. S. (November, 2015). *Gender moderates the associations between caregiving and health status in stroke caregivers*. Poster presentation of the Best of AHA Specialty Conference at the 2015 Scientific Session of the American Heart Association, Orlando, FL.

20. **Chung, M. L.**, Bakas, T., Plue, L. D., & Williams, L. S. (February, 2015). *Gender moderates the associations between caregiving and health status in stroke caregivers*. Podium presentation at the American Heart Association International Stroke Conference. Nashville, TN.
21. **Chung, M. L.**, Lennie, T.A. & Moser, D.K., (November, 2014). *Depressive symptoms mediate the relationship between perceived control and quality of life in patients with heart failure and their family caregivers*. Poster presented at the at the 2014 Scientific Session of the American Heart Association, Chicago, IL.
22. **Chung, M.L.**, Moser, D. K., & Lennie, T. A. (November, 2014). *Feasibility of Family Sodium Watcher Program to improve adherence to lower sodium diet in patients with heart failure and caregivers*. Poster presented at the at the 2014 Scientific Session of the American Heart Association, Chicago, IL.
23. Dekker, R.L., Ashford, K. B., Lennie, T.A., **Chung, M. L.**, Biddle, M, Mudd-Martin, G., Bailey, A.L., & Moser, D.K. (November, 2014). *Elevated cardiovascular risk factors among Appalachian women with a history of pregnancy complications*. Poster presented at the at the 2014 Scientific Session of the American Heart Association, Chicago, IL.
24. Adams, K.L., Dekker, R. L., Lennie, T.A., **Chung, M. L.**, Dracup, K., Moser, D.K. (November, 2014). *Event-free survival in African American patients with heart failure*. Poster presented at the at the 2014 Scientific Session of the American Heart Association, Chicago, IL.
25. <sup>§</sup>Thylen, I., Stromberg, A., Moser, D., & **Chung, M.** (November, 2014). *Concerns about implantable cardioverter defibrillator shocks mediate the relationship between shocks and psychological distress*. Poster presented at the at the 2014 Scientific Session of the American Heart Association, Chicago, IL.
26. **Chung, M. L.**, Lennie, T.A., & Moser, D. K. (September, 2014). Association between depressive symptoms and emotional well-being was moderated by gender, no caregiving status, in heart failure patient-caregiver dyads. Poster presented at the 18<sup>th</sup> Annual Scientific Meeting of the Heart Failure Society of America, Las Vegas, NV.
27. **Chung, M.L.**, Lennie, T.A., & Moser, D.K. (September, 2014). *The feasibility of the family cognitive education intervention to improve depressive symptoms and quality of life in patients with heart failure and their family caregivers*. Poster presented at the 18<sup>th</sup> Annual Scientific Meeting of the Heart Failure Society of America, Las Vegas, NV.
28. Lennie, T.A., Kang, J, **Chung, M.L.**, Song, E, Y., Heo, S., Dunbar, S.B., Westneat, S., & Moser, D. K. (September, 2014). *The healthy eating index is not a predictor of event-free survival in patients with heart failure*. Poster presented at the 18<sup>th</sup> Annual Scientific Meeting of the Heart Failure Society of America, Las Vegas, NV.
29. **Chung, M. L.**, Bakas,T., Plue,L.,& Linda Williams. (2013, February). *Effects of Self-Esteem, Optimism, and Perceived Control on Depression: Testing Dyadic Dynamics in Stroke Survivor-Spouse Dyads*. American Heart Association International Stroke Conference. Honolulu, Hawaii. Podium presentation, peer-reviewed/referred.
30. **Chung, M. L.**, Lennie, T. A., Biddle, M. J., Mudd-Martin, G. T., Bailey, A. L., Casey, B. R., Novak, M. J., & Moser, D. K. (2013, November). *Cardiovascular risk reduction in rural family caregivers: Evidence of effectiveness despite caregiver demands*. Abstract oral session at the 2013 Scientific Session of the American Heart Association. Dallas, TX.
31. **Chung, M. L.**, Lennie, T. A., & Moser, D. K. (2013, November). *A gradual taste adaptation strategy improved adherence to the low sodium diet among patients with heart failure*. Abstract oral session at the 2013 Scientific Session of the American Heart Association. Dallas, TX.
32. Lennie, T.A. Biddle, M. J., Mudd-Martin, G. T., Bailey, A. L., Casey, B. R., Novak, M. J., **Chung, M. L.**, & Moser, D. K. (2013, November). *An intervention to reduce sodium intake*

- can lower blood pressure in adults with multiple cardiovascular risk factors living in a rural austere environment.* Abstract oral session at the 2013 Scientific Session of the American Heart Association. Dallas, TX.
33. Moser, D. K., Biddle, M. J., Mudd-Martin, G. T., Bailey, A. L., Casey, B. R., Novak, M. J., Lennie, T.A., & **Chung, M. L.** (2013, November). *Cardiovascular risk reduction in socioeconomically austere rural environments: A randomized controlled efficacy trial of a self-care intervention followed by an effectiveness study.* Abstract oral session at the 2013 Scientific Session of the American Heart Association. Dallas, TX.
  34. Park, L. G., Howie-Esquivel, J., **Chung, M.**, & Dracup, K. (2013, November). *A text messaging intervention improves medication adherence for patients for patients with coronary heart disease: a randomized controlled trial.* Abstract oral session (Martha N. Hill New Investigator Award Finalist) at the 2013 Scientific Session of the American Heart Association. Dallas, TX.
  35. **Chung, M. L.**, Bakas, T., Plue, L. D., Roudebush, R. L., Williams, L. S. (2013, November). *Effects of Self-Esteem, Optimism, and Perceived Control on Depression: Testing Dyadic Dynamics in Stroke Survivor-Spouse Dyads.* Re-invited as a post presentation for the Best of AHA Specialty Conference (top 10%) 2013 Scientific Session of the American Heart Association. Dallas, TX.
  36. Moser, D. K., Dekker, R. L., Mudd-Martin, G. T., **Chung, M. L.**, Biddle, M.J., Bailey, A. L., Casey, B. R., Westnest, S., Rayens, M. K., Novak, M. J., & Lennie, T.A.(2013, November). *Improving depressive symptoms among rural patients at high risk for cardiovascular disease in the most mentally distressed are in the country.* Abstract poster session at the 2013 Scientific Session of the American Heart Association. Dallas, TX.
  37. Biddle, M.J., Lennie, T.A, Mudd-Martin, G. T., Bailey, A. L., Novak, M. J., Casey, B. R., **Chung, M. L.**, & Moser, D. K. (2013, November). *A dietary intervention rich in antioxidants reduces inflammation and oxidative stress.* Abstract poster session at the 2013 Scientific Session of the American Heart Association. Dallas, TX.
  38. Adams, K. L. Dekker, R. L., Lennie, T.A, **Chung, M. L.**, Dracup, K., & Moser, D. K. (2013, November). *African American race is independently associated with poorer outcomes in patients with heart failure even in the presence of multiple risk factors for poor outcomes.* Abstract poster session at the 2013 Scientific Session of the American Heart Association. Dallas, TX.
  39. **Chung, M.L.**, Lennie, T. A., Mudd-Martin, G., Biddle, M., Casey, B., Bailey, A. L., Novak, J. & Moser, D.K. (2012, November). *Depressed rural residents are at high risk of cardiovascular disease.* Paper presentation at the Scientific Sessions of the American Heart Association, Los Angeles, CA.
  40. **Chung, M.L.**, Lennie, T. A., Mudd-Martin, G., Frazier, S. F., Biddle, M., Casey, B., Bailey, A. L., Novak, J. & Moser, D.K. (2012, November). *Family caregivers have greater risk of depression and cardiovascular disease than non-caregivers in rural Kentucky.* Paper presentation at the Scientific Sessions of the American Heart Association, Los Angeles, CA.
  41. Dekker, R. L., Lennie, T. A., Doering, L. V., **Chung, M. L.**, Wu, J., & Moser, D. K. (2012, November). *Depressive symptoms are the strongest predictor of anxiety symptoms in patients with heart failure.* Paper presentation at the Scientific Sessions of the American Heart Association, Los Angeles, CA.
  42. Mudd-Martin, G., **Chung, M. L.**, Frazier, S. F., Lennie, T. A., Biddle, M., Casey, B., Bailey, A.L., Novak, J. & Moser, D.K. (2012, November). *Family history of cardiovascular disease in a first depress relative is associated with high risk profile, but not healthier life style.* Paper presentation at the Scientific Sessions of the American Heart Association, Los Angeles, CA.
  43. **Chung, M. L.**, Moser, D. K., & Lennie, T. A. (2012). *Perceived benefits of, but not barriers to, following a low sodium diet predict long-term adherence in patients with heart failure.*

- Poster presented at presented at the 16<sup>th</sup> Annual Scientific Meeting of the Heart Failure Society of America, Seattle, WA.
44. **Chung, M. L.**, Moser, D. K., & Lennie, T. A. (2012). *Perceived control predicts perceptions of positive changes in life as a result of caring for a patient with heart failure*. Poster presented at presented at the 16<sup>th</sup> Annual Scientific Meeting of the Heart Failure Society of America, Seattle, WA.
  45. Moser, D. L., Wu, J., **Chung, M. L.**, Biddle, M. J., Schooler, M., & Lennie, T. A. (2012). *Randomized controlled trial of a biobehavioral intervention for depression in patients with heart failure*. Oral paper presented at presented at the 16<sup>th</sup> Annual Scientific Meeting of the Heart Failure Society of America, Seattle, WA.
  46. **Chung, M.L.**, Lennie, T. A., Connell, A., Bailey, A., & Moser, D.K. (2011, November). *Depression is associated with cardiovascular disease risk in prison inmates*. Paper presentation at the Scientific Sessions of the American Heart Association, Orlando, FL.
  47. Wu, J., Lennie, T. A., Dekker, R. L., **Chung, M.,L.**, & Moser, D. K. (2011, November). *Depressive symptoms and medication adherence have a synergistic effect on cardiac event-free survival in patients with heart failure*. Paper presentation at the Scientific Sessions of the American Heart Association, Orlando, FL.
  48. 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, November). *Depressive symptoms are associated with higher levels of inflammatory biomarkers in patients with heart failure*. Paper presentation at the Scientific Sessions of the American Heart Association, Orlando, FL.
  49. Lennie, T. A., Biddle, M.J., **Chung, M.L.**, Dunbar, S.B., Pressler, S.J., Heo, S., Song, E.K., & Moser DK. (2011, November). *Diets low in sodium and high in lycopene and omega-3 fatty acids are associated with lower symptom burden and better quality of life in patients with heart failure*. Paper presentation at the Scientific Sessions of the American Heart Association, Orlando, FL.
  50. \*Connell, A., **Chung, M. L.**, Lennie, T.A., Bailey, A., Moser, D. (2011, November). *Risk factors for cardiovascular disease in inmates*. Poster presentation at the Scientific Sessions of the American Heart Association, Orlando, FL.
  51. **Chung, M. L.**, Moser, D. K., Frazier, S. K., & Lennie, T. A. (2011, September). *Quality of life and family function are poorest when both patients with heart failure and their caregivers depressed*. Poster presented at presented at the 15<sup>th</sup> Annual Scientific Meeting of the Heart Failure Society of America, Boston, MA.
  52. **Chung, M. L.**, Moser, D. K., Rayens, M. K., & Lennie, T. A. (2010, November). *Depressive symptoms in patients with heart failure and caregivers influence their own and their partners' mental component of quality of life*. Paper presentation at the Scientific Sessions of the American Heart Association, Chicago, IL.
  53. Eastwood, J., Moser, D. K., Riegel, B., Albert, N., Pressler, S., Dunbar, S., **Chung, M.**, Wu, J., & Lennie, T. A. (2010, November). *Gender counts: Depressive symptoms in women and men with heart failure*. Paper presentation at the Scientific Sessions of the American Heart Association, Chicago, IL.
  54. Dekker, R. L., Lennie, T. A., Albert, N., Riegel, B., **Chung, M. L.**, Heo, S., Song, E. K., Wu, J. R., Moser, D. K. (2010, November). *Change in depressive symptom status predicts health-related quality of life in patients with heart failure*. Paper presentation at the Scientific Sessions of the American Heart Association, Chicago, IL.
  55. **Chung, M. L.** (2010, September) *How do interventions with patients affect caregiver outcomes*. Annual Scientific Meetings of the Heart Failure Society of America. San Diego, CA. (*Invited speaker*)
  56. Dekker, R. L., Lennie, T. A., Albert, N., Riegel, B., **Chung, M. L.**, Heo, S., Song, E. K., Wu, J. R., Moser, D. K. (2009, October). *Change in depressive symptom status predicts health-*

- related quality of life in patients with heart failure.* Paper and poster presented in the Young Investigator Competition at the Heart-Brain Summit (Winner, Young Investigator Award). Chicago, IL.
57. **Chung, M. L.,** Moser, D. K., Dunbar, S. B., Pressler, S., Song, E.K., & Lennie, T. A. (2009, November). *Antidepressants Do Not Improve Event-free Survival in Patients with Heart Failure When Depressive Symptoms Remain.* Paper presentation at the Scientific Sessions of the American Heart Association, Orlando, FL.
  58. **Chung, M. L.,** Dunbar, S. B., Pressler., Lennie, T. A. & Moser, D. K. (2009, November). *Depressive Symptoms in Patients with Heart Failure Negatively Affect Family Caregiver Outcomes and Quality of Life.* Paper presentation at the Scientific Sessions of the American Heart Association, Orlando, FL.
  59. Riegel, B. Lee, C. S., **Chung, M.,** Albert, N., Lennie, T., Song, E. K., Bently, B., Worrall-Carter, L., Heo, S., Moser, D. K. (2009, November). *From the novice to expert: Confidence and activity status determine heart failure self-care performance.* Paper presentation at the Scientific Sessions of the American Heart Association, Orlando, FL. (**The Best Abstract Award**).
  60. Lennie, T. A., Song, E. K., Heo, S., **Chung, M. L.,** Dunbar, S. B., Pressler, S. J., & Moser, D. K. (2009, November). *Micronutrient deficiency independently predicts event-free survival in patients with heart failure.* Paper presentation at the Scientific Sessions of the American Heart Association, Orlando, FL.
  61. Payne-Emerson, H., Moser, D. K., Heo, S., **Chung, M. L.,** Song, E. K., Worrell-Carter, L., Dunbar, S. B., Pressler, S. J., & Lennie, T. A. (2009, November). *Obesity increases the risk for hospitalization and death only in patients with heart failure who have diabetes as a comorbidity.* Paper presentation at the Scientific Sessions of the American Heart Association, Orlando, FL.
  62. Wu, J., Lennie, T. A., **Chung, M. L.,** Frazier, S. K., Dekker, R. D., Biddle, M. J., & Moser, D. K., (2009, November). *Medication adherence mediates the relationship between marital status and event-free survival in patients with heart failure.* Paper presentation at the Scientific Sessions of the American Heart Association, Orlando, FL.
  63. Moser, D. K., Wu, J., **Chung, M. L.,** Biddle, M. J., Dekker, R., & Lennie, T. A. (2009, November). *What happens when heart failure patients don't know what they don't know.* Paper presentation at the Scientific Sessions of the American Heart Association, Orlando, FL.
  64. Dekker, R. L., Lennie, T. A., Albert, N., Riegel, B., **Chung, M. L.,** Heo, S., Wu, J. R., Moser, D. K. (2009, October). *Change in depressive symptom status predicts health-related quality of life in patients with heart failure.* Paper and poster presented at the Heart-Brain Summit, Chicago, IL. (**Young Investigator Award**).
  65. **Chung, M. L.,** Moser, D. K., & Lennie, T. A. (2009, September). *Adherence to the Low Sodium Diet in Patients with Heart Failure is Best When Family Members also Follow the Diet.* Poster presented at presented at the 13<sup>th</sup> Annual Scientific Meeting of the Heart Failure Society of America, Boston, MA.
  66. Lee, K. S., Lennie, T. A., Heo, S. Wu, J. **Chung, M. L.,** & Moser, D. K. (2009, September). *Comparison of the impact of PHQ-9 scores with and without physical symptom items on vent-free survival in patients with heart failure).* Paper presentation at the 13th Annual Scientific Meeting of the Heart Failure Society of America, Boston, MA. (**Finalist in Nursing Research Award**).
  67. Huang, T. Y., Moser, D. K., Hwang, S. L., Lennie, T. A., **Chung, M. L.,** Wu, J., Biddle, M., & Heo, S. (2009, September). *Psychosocial factors moderate the relationship between clinical status and dyspnea in both Taiwanese and American heart failure patients.* Poster presented at the 13th Annual Scientific Meeting of the Heart Failure Society of America, Boston, MA.

68. **Chung, M. L.**, Pressler, S. J., Lennie, T.A, & Moser, D. K. (2008, November). *Predictors of depressive symptoms in caregivers of patients with heart failure*. Paper presentation at the Scientific Sessions of the American Heart Association, New Orleans, LA.
69. **Chung, M. L.**, Moser, D. K., Wu, J. R., & Lennie, T. A. (2008, November). *Depressive symptoms and poor social support have a synergistic effect on event-free survival in patients with heart failure* Paper presentation at the Scientific Sessions of the American Heart Association, New Orleans, LA.
70. Abshire, D. A., Moser, D. K., Clasey, J. L., **Chung, M. L.**, Pressler, S. J, Dunbar, S. B., Heo, S. & Lennie, T.A. (2008, November). *Increased body mass index is protective against low bone mineral density in patients with heart failure*. Paper presentation at the Scientific Sessions of the American Heart Association, New Orleans, LA.
71. Dekker, R. L., Lennie, T. A., Peden, A. R., **Chung, M. L.**, Wu, J., & Moser, D.K. (2008, November). *Negative thinking: A modifiable target for the treatment of depressive symptoms in patients with heart failure*. Paper presentation at the Scientific Sessions of the American Heart Association, New Orleans, LA.
72. Lee, K. S., Lennie, T.A., Riegel, B., Heo, S., **Chung, M. L.**, Rayens, M. K., & Moser, D. K. (2008, November). *Concrete symptom clusters are identifiable and identical in women and men with heart failure, and predict health outcome*. Paper presentation at the Scientific Sessions of the American Heart Association, New Orleans, LA.
73. Lennie, T.A., Heo, S., Pressler, S. J., Dunbar, S., **Chung, M. L.**, Song, E. K., & Moser, D. K. (2008, November). *Appetite ratings on single-item visual analog scale identify patients with heart failure at risk for malnutrition*. Paper presentation at the Scientific Sessions of the American Heart Association, New Orleans, LA.
74. \*Payne-Emerson, H., Song, E. K., Heo, S, Moser, D. K., **Chung, M. L.**, Dunbar, S. B., Pressler, S. J., & Lennie, T. A. (2008, November). *Evidence of a need for a more comprehensive approach to dietary self-management for patients with heart failure and diabetes*. Paper presentation at the Scientific Sessions of the American Heart Association, New Orleans, LA.
75. Wu, J., Lennie, T. A., De Jong, M., Rayens, M. K, Riegel, B., **Chung, M. L.**, & Moser, D. K. (2008, November). *Heart failure patients in rural areas have better event-free survival than those living in urban areas*. Paper presentation at the Scientific Sessions of the American Heart Association, New Orleans, LA.
76. Wu, J., Lennie, T. A, De Jong, M., Rayens, M. K., **Chung, M.**, Riegel, B., & Moser, D. K. (2008, November). *Defining an evidence-based cutpoint for medication adherence in heart failure*. Poster presentation at the Scientific Sessions of the American Heart Association, New Orleans, LA.
77. **Chung, M. L.**, Moser, D. K., & Lennie, T. A. (2008, September). *Perceived social support predicted quality of life in patients with heart failure but the effect is mediated by depressive symptoms*. Poster presented at presented at the 12<sup>th</sup> Annual Scientific Meeting of the Heart Failure Society of America, Toronto, Canada.
78. Biddle, M. J., Moser, D. K., Lennie, T. A., & **Chung, M. L.** (2008, September). *The association of perceived control to adherence in heart failure*. Poster presented at presented at the 12<sup>th</sup> Annual Scientific Meeting of the Heart Failure Society of America, Toronto, Canada.
79. Huang, T, Moser, D.K., Hwang, S, Lennie, T., & **Chung, M.** (2008, September). *Health-related quality of life of patients with heart failure is worse in Americans compared to Taiwanese*. Poster presented at presented at the 12<sup>th</sup> Annual Scientific Meeting of the Heart Failure Society of America, Toronto, Canada.
80. Wu, J., Moser, D. K., Lennie, T. A., **Chung, M. L.**, & De Jong, M. J. (2008, September). *Medication adherence mediates the relationship between ethnicity and event-free survival in*

- patients with heart failure*. Poster presented at presented at the 12<sup>th</sup> Annual Scientific Meeting of the Heart Failure Society of America, Toronto, Canada.
81. Song, E. K., Moser, D. K., **Chung, M. L.**, Heo, S., & Lennie, T. A. (2008, September). *The relationship among depressive symptoms, N-terminal pro B type natriuretic peptide, and cardiac events in patients with heart failure*. Paper presentation at presented at the 12<sup>th</sup> Annual Scientific Meeting of the Heart Failure Society of America, Toronto, Canada. (**Finalist in Nursing Research Award**).
  82. **Chung, M. L.**, Lennie, T. A., Riegel, B., Dekker, R. D., Wu, J. Heo, S., & Moser, D. K. (2007, November). *Presence of spouses impacts positively survival in patients with heart failure regardless of presence of depressive symptoms*. Paper presented at the Scientific Session 2007 American Heart Association, Orlando, FL.
  83. Lennie, T. A., **Chung, M. L.**, Heo, S., Dekker, R. L., & Moser, D. K. (2007, November). *Three gram sodium intake is associated with better event free survival only in patients with advanced heart failure*. Paper presented at the Scientific Session 2007 American Heart Association, Orlando, FL.
  84. Dekker, R. L., Moser, D. K., **Chung, M. L.**, Heo, S., & Lennie, T. A. (2007, November). *The impact of depressive symptoms on survival in patients with heart failure is altered by body mass index*. Paper presented at the Scientific Session 2007 American Heart Association, Orlando, FL.
  85. Wu, J. Moser, D. K., **Chung, M. L.**, & Lennie, T. A. (2007, November). *Objectively measured, but not self-reported, medication adherence independently predicts event-free survival in patients with heart failure*. Paper presented at the Scientific Session 2007 American Heart Association, Orlando, FL. (**Finalist in Martha N. Hill New Investigator Award**).
  86. Payne-Emerson, H., Heo, S., Dunbar, S., Moser, D. K., **Chung, M. L.**, & Lennie, T. A. (2007, November). *Omega-3 fatty acid intake is lower in heart failure patients with anxiety and depressive symptoms*. Paper presented at the Scientific Session 2007 American Heart Association, Orlando, FL.
  87. **Chung, M. L.**, Moser, D. K., & Rayens, M. K. (2007, September). *The effects of depressive symptoms and anxiety on quality of life: Testing dyadic dynamic using actor partner interdependence model*. Poster presented at the 11<sup>th</sup> Annual Scientific Meeting of the Heart Failure Society of America, Washington, DC.
  88. Frazier, S. K., Lennie, T. A., Mannino, D. M., **Chung, M. L.**, Heo, S., Moser, D. K. (2007, September). *Inflammatory profiles are different in heart failure patients with and without COPD*. Poster presented at the 11<sup>th</sup> Annual Scientific Meeting of the Heart Failure Society of America. Washington, DC.
  89. **Chung, M.L.**, Moser, D.K., & Lennie, T.A. (2007, June). *Similarity of depressive symptoms between heart failure patients and their spousal caregivers*. Poster presented at the American Association of Heart Failure Nurses 2007 Annual Meeting, San Diego, CA.
  90. Wu, J., **Chung, M.L.**, Lennie, T.A., Hall, L.A., & Moser, D.K. (2007, June). *Testing the psychometric properties of the medication adherence scale in patients with heart failure*. Paper presented at the American Association of Heart Failure Nurses 2007 Annual Meeting, San Diego, CA. (**Finalist in Research Competition**).
  91. Dekker, R.L., Lennie, T.A., **Chung, M.L.**, & Moser, D. K. (2007, June). *Depressive symptoms do not predict physical activity levels in patients with heart failure*. Paper presented at the American Association of Heart Failure Nurses 2007 Annual Meeting, San Diego, CA. (**Finalist in Research Competition**).
  92. Heo, S. Moser, D.K., Lennie, T.A., Riegel, B., & **Chung, M.L.** (2007, June). *Sex differences in factors affecting self-care behaviors in patients with heart failure*. Poster presented at the American Association of Heart Failure Nurses 2007 Annual Meeting, San Diego, CA.



93. **Chung, M. L.**, Lennie, T. A., & Riegel, B., & Moser, D. K. (2006 November). *Spouses enhance medication adherence in patients with heart failure*. Paper presented at Scientific Sessions 2006 American Heart Association. Chicago, IL.
94. Heo, S., Moser, D. K., Lennie, T. A., & **Chung, L. M** (2006, November). *Relationships among perceived control, depression, functional status, and health-related quality of life in patients with heart failure*. Paper presented at Scientific Sessions 2006 American Heart Association. Chicago, IL.
95. Corley, D. J., **Chung, M. L.**, Moser, D. K., Lennie, T. A. (2006, September). *Comparison of nutritional intake and nutritional status among patients with heart failure and similarly-aged healthy elders*. Poster presented at the 10<sup>th</sup> Annual Scientific Meeting of the Heart Failure Society of America. Seattle, WA.
96. **Chung, M. L.**, Moser, D. K., Lennie, T. A., Riegel, B. J. (2006, September). *Presence of spouse improves adherence to medication in patients with heart failure*. Poster presented at the 10<sup>th</sup> Annual Scientific Meeting of the Heart Failure Society of America, Seattle, WA.
97. Ter-Galstanyan, Evangelista, L. S, Moser, D. K., Lennie, T. De Jong, M., **Chung, M. L.**, Fanarow, G. C. (2006, September). *What factors increase anxiety and depression in advanced heart failure?* Poster presented at the 10<sup>th</sup> Annual Scientific Meeting of the Heart Failure Society of America, Seattle, WA.
98. **Chung, M. L.**, De Jong, M., Wu, J-R., Lennie, T. A., Riegel, B., Moser, D. K. (2006, June). *Patients differ in their ability to self-monitor adherence to low sodium diet vs. medication*. Paper presented at the American Association of Heart Failure Nurses 2006 Annual Meeting, Miami Beach, FL. Winner of research paper competition.
99. Wu, J-R., Moser, D. K., Lennie, T. A. De Jong, M., **Chung, M. L.** (2006, June). *The effect of depression and anxiety on medication adherence in patients with heart failure*. Paper presented at the American Association of Heart Failure Nurses 2006 Annual Meeting, Miami Beach, FL. **(Finalist in Research Competition)**.
100. Heo, S., Moser, D. K., Lennie, T. A., & **Chung, M. L.** (2005, February). *Gender differences in the effects of physical and emotional symptoms of health-related quality of life in patients with heart failure*. Poster presented at Second International Conference on Women, Heart Disease, and Stroke American Heart Association, Orlando, FA.
101. Moser, D. K., Lennie, T. A., Worrall-Carter, L., **Chung, M. L.**, & Biddle, M. (2004, November). *Symptom variability, not severity, predicts rehospitalization in patients with heart failure*. Paper presented at Scientific Sessions 2004 American Heart Association, New Orleans, LA.
102. **Chung, M. L.**, Lennie, T. A., Worrall-Carter, L., Bentley, B., & Moser, D. K. (2004, November). *Gender differences in adherence to the sodium-restricted diet in patients with heart failure*. Paper presented at American Heart Association Scientific Sessions 2004, New Orleans, LA.
103. Moser, D.K., Zambroski, C.H., Lennie, T. A., **Chung, M.L.**, Dracup, K., Doering, L.V., Evangelista, L., & Westlake, C (2004, November). *Aging with a broken heart: The effect of heart disease on psychological distress in the elderly*. Paper presented at the Scientific Sessions 2004 American Heart Association, New Orleans, LA.
104. **Chung, M. L.**, Moser, D. K., Lennie, T. A., Worrall-Carter, L. Bentley, B. (2004, October). *Women are more adherent to low sodium diet recommendation than men*. 8<sup>th</sup> Annual Meeting of the Heart Failure Society of America, Toronto, Canada. **(Finalist in the Nursing Research Award)**.
105. Biddle, M., Moser, D. K., **Chung, M.**, Trupp, R., Lennie, T. A., & Widener, J. (2003, September). *Following a sodium restricted diet: Attitudes and barriers*. Paper presented at the 7<sup>th</sup> annual Scientific Meeting of the Heart Failure Society of America, Las Vegas, NV.

Regional Conference-data based\* student

1. \*Vitorty, T, Frazier, S., **Chung, M.**, & Moser, D. (2015). *The psychometric properties of the BSI hostility and anxiety subscales in a prison population*. Moderated Poster Presentation at the 2014 Southern Nursing Research Society, Tampa, Florida.
2. \*Clements, L., Frazier, S., Moser, D., Lennie, T., & **Chung, M.** (2015). *The mediator effects of depressive symptoms on the relationship between family function and quality of life in caregivers of patients with heart failure*. Poster Presentation at the 2014 Southern Nursing Research Society, Tampa, Florida.
3. **Chung, M. L.**, Moser, D. K., & Lennie, T. A. (2013). *Perceived Control Predicts Caregiver Perceptions of Positive Changes in Life as a Result of Caring for a Patient with Heart Failure*. Abstract oral presentation at the 2013 Southern Nursing Research Society, Little Rock, AK.
4. **Chung, M. L.**, Lennie, T. A., Frazier, S. K., & Moser, D. K. (2012, February). *Perceived benefit of a sodium restricted diet was associated with long-term diet adherence in patients with heart failure* Oral presentation at the Southern Nursing Research Society, New Orleans, LA.
5. \*Saleh, Z. T., Lennie, T. A., Chung, L. M., Connell, A., & Moser, D. K. (2012, February). *Self-rated health perception predicts coronary heart disease risk factors in prison inmates*. Poster presentation at the Southern Nursing Research Society, New Orleans, LA.
6. **Chung, M. L.**, Lennie, T. A., Wu, J., & Moser, D. K. (2010, February). *Depressive symptoms and poor social support have a synergistic effect on event-free survival in patients with heart failure*. Oral presentation at the Southern Nursing Research Society, Austin, TX.
7. \*Hammash, M., Moser, D. K., Lennie, T. A., Heo, S., **Chung, M.L.** (2009, February). *Psychometrics of the patient health questionnaire for the measurement of depressive symptoms in patients with heart failure*. Poster presentation at the Southern Nursing Research Society, Baltimore, MD.
8. \*Lee, K. S., Moser, D. K., Heo, S., **Chung, M. L.**, Song, E. K. Dunbar, S., Pressler, S., & Lennie, T. A. (2009, February). *The relationship of body composition to quality of life in patients with heart failure*. Poster presentation at the Southern Nursing Research Society, Baltimore, MD.
9. \*Dekker, R., Peden, A., Lennie, T. A., **Chung, M. L.**, & Moser, D. K., (2009, February). *Evaluating the psychometric properties of a negative thinking instrument*. Poster presentation at the Southern Nursing Research Society, Baltimore, MD.
10. Wu, J., Moser, D. K., Lennie, T. A., De jong, M., Frazier, S. K., Heo, S., & **Chung, M. L.** (2009, February). *Medication adherence mediates the relationship between ethnicity and event-free survival in patients with heart failure*. Oral presentation at the Southern Nursing Research Society, Baltimore, MD. (**D. Jean Wood Nursing Scholarship Award**).
11. **Chung, M. L.**, Moser, D. K., Lennie, T. A. & Rayens, M. K. (2008, February). *The effects of depressive symptoms and anxiety on quality of life: testing dyadic dynamics using the actor-partner interdependence model*. Oral presentation at the 22nd Annual Southern Nursing Research Society Conference, Birmingham, AL.
12. Moser, D. K., Lennie, T. A., & **Chung, M. L.** (2008, February). *Cognitive-Behavioral therapy to improve emotional, physiologic, and clinical outcomes in patients*. A part of Cognitive-Behavioral Strategies: the body of evidence grows. Symposium paper presented at the 22nd Annual Southern Nursing Research Society Conference, Birmingham, AL.
13. \*Hardin-Fanning, F., **Chung, M. L.**, Moser D. K., Heo, S., & Lennie, T. A. (2008, February). *Mediterranean-style dietary pattern is associated with lower cardiovascular risk factors in a high-risk population*. Poster presentation at the 22nd Annual Southern Nursing Research Society Conference, Birmingham, AL.

14. Frasier, S., Lennie, T. A., Mannino, D., **Chung, M. L.**, Heo, S., & Moser, D. K. (2008, February). *Inflammatory profiles are different in heart failure patients with and without COPD*. Oral presentation at the 22nd Annual Southern Nursing Research Society Conference, Birmingham, AL.
15. **Chung, M. L.**, Moser, D. K., & Lennie, T. A. (2007, February). *Similarity of depression levels between heart failure patients and their spousal caregivers*. Oral presentation at the 21<sup>st</sup> Annual Southern Nursing Research Society Conference, Galveston, TX.
16. Heo, S., Moser, D. K., Lennie, T. A., **Chung, M. L.**, & Riegel, B. (2007, February). *Gender differences affecting self-care behaviors in patients with heart failure*. Oral presentation at the 21<sup>st</sup> Annual Southern Nursing Research Society Conference, Galveston, TX.
17. Lennie, T. A., Corely, D., **Chung, M. L.**, & Moser, D. K. (2007, February). *Nutritional intake and nutritional status of patients with heart failure and similarly-aged healthy adults*. Oral presentation at the 21<sup>st</sup> Annual Southern Nursing Research Society Conference, Galveston, TX.
18. Moser, D. K., **Chung, M. L.**, Riegel, B., Rayens, M. K., & Lennie, T. A. (2007, February). *Nonadherence is a mediator between depressive symptoms and rehospitalization or mortality in patients with heart failure*. Oral presentation at the 21<sup>st</sup> Annual Southern Nursing Research Society Conference, Galveston, TX.
19. \*Roser, L., Heo, S., **Chung, M. L.**, Worrall-Carter, L., Moser, D. K., & Lennie, T. A. (2007, February). *Heart failure symptom expression by body mass index in patients with heart failure*. Poster presented at the 21<sup>st</sup> Annual Southern Nursing Research Society Conference, Galveston, TX.
20. \*Smith, C., Lennie, T. A., Hall, L. H., **Chung, M. L.**, Heo, S., Rayens, M. K., Riegel, B., Moser, D. K. (2007 February). *Testing of a one-item quality of life assessment tool in heart failure*. Poster presented at the 21<sup>st</sup> Annual Southern Nursing Research Society Conference, Galveston, TX.
21. Wu, J. R., Moser, D. K., Lennie, T. A., & **Chung, M. L.** (2007, February). *The effect of depression and anxiety on medication adherence in patients with heart failure*. Poster presentation at the 21<sup>st</sup> Annual Southern Nursing Research Society Conference, Galveston, TX.
22. **Chung, M. L.**, De Jong, M., Wu, J. Lennie, T.A., Riegel, B., & Moser, D. K. (2006, February). *Comparison of objective and subjective measures of sodium-restricted diet and medication adherence among patients with heart failure*. Oral presentation at 20<sup>th</sup> Annual Conference of the Southern Nursing Research Society, Memphis, TN.
23. **Chung, M. L.**, Lennie, T., Worrall-Carter, L., Bentley, B., & Moser, D. (2005, February). *Women are more adherent to low sodium diet recommendations than men*. Poster presentation at the 19<sup>th</sup> Annual Southern Nursing Research Society Conference, Atlanta, GA.
24. **Chung, M. L.**, Moser, D. K., Lennie, T. A., Worrall- Carter, L., & Bentley, B. (2005, February). *Women are more adherent to low sodium diet recommendation than men*. Poster presentation at 19th Annual Conference Southern Nursing Research Society, Atlanta, GA.
25. Zambroski, C. H., Moser, D. K., **Chung, M. L.**, Heo, S., & Smoot, T. (2005, February). *Symptom Prevalence, severity, and distress in patients with heart failure*. Oral presentation in 19th Annual Conference of the Southern Nursing Research Society, Atlanta, GA.
26. De Jong, M. J., Moser, D. K., & **Chung, M. L.** (2005, February). *Anxiety, depression, and functional status are the best predictors of health status for patients with heart failure*. Oral presentation in 19th Annual Conference of the Southern Nursing Research Society. Atlanta, GA.

**Local and Community Conference-data based**

1. Dekker, R. L., Lennie, T. A., Albert, N., Riegel, B., **Chung, M. L.**, Heo, S., Wu, J. R., & Moser, D. K. (March 2010). "Change in depressive symptom status predicts health-related quality of life in patients with heart failure", College of Nursing Student Scholarship Showcase, University of Kentucky, Lexington, KY, United States.
2. Dekker, R. L., Lennie, T. A., Albert, N. M., Rayens, M. K., **Chung, M. L.**, Wu, J. R., & Moser, D. K. (November 2010). "Trajectory of depressive symptoms in patients with heart failure: Influence on cardiac event-free survival", Annual Nursing Research Papers Day, University of Kentucky, Lexington, KY, peer-reviewed/refereed.
3. Dekker, R. L., Lennie, T. A., Albert, N. M., Rayens, M. K., **Chung, M. L.**, Wu, J. R., & Moser, D. K. (October 2010). "Trajectory of depressive symptoms in patients with heart failure: Influence on cardiac event-free survival", Annual Gill Heart Institute Cardiovascular Research Day, University of Kentucky, Lexington, KY, peer-reviewed/refereed.
4. **Chung, M. L.**, Moser, D. K., & Lennie, T. A. (2009, October). Adherence to the low sodium diet in patients with heart failure is best when family members also follow the diet. Poster presented at presented at the 12th Gill Heart Institute Cardiovascular Research Day, Lexington, KY.
5. **Chung, M. L.**, Moser, D. K., & Lennie, T. A. (2008, October). *Perceived social support predicted quality of life in patients with heart failure but the effect is mediated by depressive symptoms*. Poster presented at presented at the 11th Gill Heart Institute Cardiovascular Research Day, Lexington, KY.
6. Wu, J., Lennie, T.A, De Jong, M., Rayens, M.K., **Chung, M.**, Riegel, B., & Moser, D.K. (2008, November). *Defining an evidence-based cutpoint for medication adherence in heart failure*. Poster presented at presented at the 11th Gill Heart Institute Cardiovascular Research Day, Lexington, KY.
7. **Chung, M. L.**, Moser, D. K., Lennie, T. A. & Rayens, M. K. (2008, October). *The effects of depressive symptoms and anxiety on quality of life: testing dyadic dynamics using the actor-partner interdependence model*. Oral presentation at the Sigma Del Psi Chapter 18th Annual Nursing Research Paper Day, Lexington, KY.
8. **Chung, M. L.**, Moser, D. K., & Lennie, T. A. (2007, October). *Similarity of depression levels between heart failure patients and their spousal caregivers*. Oral presentation at the Sigma Del Psi Chapter 17th Annual Nursing Research Paper Day, Lexington, KY.
9. **Chung, M. L.**, Moser, D. K., Lennie, T. A., & Riegel, B. (2007, October). *Presence of a spouse improves adherence to medication in patients with heart failure*. Poster presentation at the Sigma Del Psi Chapter 17th Annual Nursing Research Paper Day, Lexington, KY.
10. **Chung, M. L.**, De Jong, M., Wu, J., Lennie, T. A., Riegel, B., & Moser, D. K. (2006, April). *Comparison of objective and subjective measures of sodium restricted diet and medication adherence among patients with heart failure*. Oral presentation at the Sigma Del Psi Chapter 16th Annual Nursing Research Paper Day, Lexington, KY.
11. **Chung, M. L.**, & Moser, D. K. (2003, April). *How nurses assess and manage anxiety in critically ill patients*. Oral presentation at the Oral presentation at the Sigma Del Psi Chapter 13th Annual Nursing Research Paper Day, Lexington, KY.

**Invited speaker presentation**

1. **Chung, M. L.** (2013, October). Nursing Research in Cardiovascular Health. HanYang University, College of Nursing. Seoul, Korea.
2. **Chung, M. L.** (2013, October). Dyadic Research in Cardiovascular Health, Ewha Womans University, Department of Nursing. Seoul, Korea.

3. **Chung, M. L.** (2013, October). Registered Nurse, Doctor of Nursing Practice, and Research Doctorate. Inje University, Department of Nursing, Busan, Korea.
4. **Chung, M. L.** (2014, June). Mediation and Moderation, University of Linkoping, Sweden.
5. **Chung, M.L.** (2015, June). Family Caregivers and Cardiovascular Disease, at the international symposium, KyungPook National University, Daegu, Korea.
6. **Chung, M.L.** (2015, June). Improving Outcomes of Patients and Their Caregivers, at the international symposium, KyungPook National University, Daegu, Korea.
7. **Chung, M.L.** (2015, June). Family Caregivers and Cardiovascular Disease, at the Special Lectures, College of Nursing, HanYang University, Seoul, Korea.
8. **Chung, M.L.** (2015, June). Nursing: Practice, Education and Research, Dongjoo University, Department of Nursing, Busan, Korea
9. **Chung, M. L.** (2015, August). Successful Knowledge Dissemination. At the Leadership Program for a Successful Academia Career. Global Korean Nursing Foundation, San Francisco, CA.
10. **Chung, M. L.** (2015, September). How to change behavior: Supporting caregivers to change patient behavior. 19<sup>th</sup> Annual Scientific Meeting of the Heart Failure Society of America, Washington DC.
11. **Chung, M. L.** (2015, September). Putting the ‘Self’ Back in Self-Care: Using Technology to Engage Patients and Caregivers in Self-care. 19<sup>th</sup> Annual Scientific Meeting of the Heart Failure Society of America, Washington, D.C.
12. **Chung, M.L.**(2016, May). Conducting high impact research through collaboration: Improving outcomes of patients and their caregivers. Indiana University
13. **Chung, M.L.**(2016, June). How to publish in scholarly journals: strategies for finding journal and writing time. College of Nursing, HanYang University, Seoul, Korea.
14. **Chung, M.L.**(2016, June). Improving Outcomes of Patients and Their Caregiver: research program development. College of Nursing, Ewha Womans University, Seoul, Korea
15. **Chung, M.L.** (2016, September). How including patients’ family can improve adherence? 20<sup>th</sup> Annual Scientific Meeting of the Heart Failure Society of America, Washington DC.
16. **Chung, M.L.** (2017, July). Leadership capacity building for nurses-Successful Nursing Professional Career Development. Global Korean Nursing Foundation 2<sup>nd</sup> International Nursing Conference. Chicago, IL.
17. **Chung, M.L.**, (2017, October). Successful Nursing Professional Career Development-Global view. DongJoo University, Busan, Korea.
18. **Chung, M.L.** (2018, June). Successful Manuscript Development. International Korean Nursing Conference: Advances in Nursing Leadership, Practice Education, and Research. GKNF, NYKNA, & OKNA, New York
19. **Chung, M.L.** (2018, May). The dynamic interdependent relationship between patients with heart failure and caregivers, 2018 Heart Failure Symposium, UK College of Nursing, Lexington KY. CE program.
20. **Chung, M.L.** (2018, August). Improved research impact and outcomes-what can patient add? 2018 European Cardiology Congress, Munich, Germany.
21. **Chung, M.L.** (2019, May). Analysis of mediating and moderating effects. Nursing Science Research Institute, Red Cross College of Nursing, Chung-Ang University.
22. **Chung, M.L.** (2019, May). Improving outcomes of patients and caregivers in chronic disease: dyadic approach. Red Cross College of Nursing, Chung-Ang University.
23. **Chung, M.L.** (2019, May). Nursing: Practice, Education, and Research in USA. Institute of Wonbuddhist Thought, Wonkwang University & Gwabgiu Migrant Health Center.
24. **Chung, M.L.** (2019, May). Improving outcomes of patients and caregivers in chronic disease: dyadic approach in past, present, and future. College of Nursing, Yonsei University.

25. **Chung, M.L.** (2019, June). Building research trajectory: Research dissemination, manuscript development, and submission. The 2<sup>nd</sup> GKNF-USA Leadership program for a successful academic career. GKNF-USA, Lexington, Kentucky
26. **Chung, M.L.** (2019, June). Overcoming challenges in early career development-What would I have done differently in my career (Panelist). The 2<sup>nd</sup> GKNF-USA Leadership program for a successful academic career. GKNF-USA, Lexington, Kentucky
27. **Chung, M.L.** (2019, June). Practical tips in developing key professional competencies as a minority faculty member (Panelist). The 2<sup>nd</sup> GKNF-USA Leadership program for a successful academic career. GKNF-USA, Lexington, Kentucky
28. **Chung, M.L.** (2019, November). Effects of family sodium watchers program on heart failure patient-caregiver dyads. Scientific Session of the American Heart Association, Philadelphia, PA.
29. **Chung, M.L.** (2020, April). Improving outcomes of patients and caregivers in chronic disease: dyadic approach. College of Nursing, Yonsei University
30. **Chung, M.L.** (2020, April). Team science & future collaboration. College of Nursing, Yonsei University.

### **Professional Organizations**

Sigma Theta Tau International	1997-Present: Member,
American Heart Association	2002-Present: Premium Member,
Heart Failure Society of America	2003-2018: Member,
Southern Nursing Research Society	2003-Present: Member.
American Association of Critical Care Nurses	2005-Present: Member,
American Association of Heart Failure Nurses	2005-2010: Member,
American Nurse Association	2013- Present: Member
Global Korean Nursing Foundation	2014- Present: Board member
European Society of Cardiology	2013- Present: member

### **Professional Activities**

<b><i>Sigma Theta Tau</i></b>	
Scholarship Award Committee, Delta Psi Chapter	2007– 2015

<b><i>Heart Failure Society of America</i></b>	
Annual Meeting, abstract reviewer	2015
A reviewer and judge for the 2015 Nursing Research Award	2015

<b><i>Global Korean Nursing Foundation</i></b>	
Board of Director member	11/2014-present
Program Committee member	11/2014- 10/2015
The 2 <sup>nd</sup> Leadership development workshop Program Committee member	8/2018-6/2019
Scholarship Committee – member	11/2014- 4/2015
Chair of the Scholarship Committee	4/2015 - present
COVID19 Task Force Team- member	4/2020- 8/2020

<b><i>American Heart Association</i></b>	
Scientific Session Abstract Reviewer	2005, 2006, 2007, 2008, 2010
The Early Career Committee, Council of Cardiovascular and Stroke Nursing (CVSN)	7/2010 – 6/2012
The Nominating Committee, Council on Cardiovascular and Stroke Nursing	7/2010 - 6/2012
The Outcomes/Qualitative Research & Therapeutics Clinical Trials Peer Review Study Group	Spring 2012, Fall 2012, Spring 2013, Spring 2014
The Leadership Committee, Member at Large, Council on Cardiovascular and Stroke Nursing	7/2013- 6/2017
The Leadership Committee, Member, Council on Cardiovascular and Stroke Nursing	7/2017- 6/2019; 7/2019- 6/2021
The Award Subcommittee: Articles of the Year (Clinical, Research, Stroke) Committee, CVSN	12/2014 – 11/2016
Chair of the Award Subcommittee: Articles of the Year	12/2015 – 11/2017
Diversity Task Force committee, Council on Cardiovascular and Stroke Nursing	4/2015 – 6/2017
International Ambassador	6/2017- 2019
Moderator & judge for Martha Hill Award	2017
Judge for Martha Hill Award	2018

<b>The American Academy of Nursing.</b>	
The Council for the Advancement of Nursing Science (CANS) Early Career Special Interest Group –Duck-Hee Kang (DHK) Memorial Mentored Workshop Advisory Group,	<u>1/2019- Present</u>

### **Editorial Activities**

#### Manuscript Reviewer

Journal of Cardiovascular Nursing	2006 – present
Journal of Cardiovascular Nursing, Member of the editorial board	5/2020 - present
Journal of Cardiac Failure	2006 – present
Journal of Cardiac Failure, Member of Editorial Board	2009 – 2017
Heart & Lung	2006 – present
Research in Nursing & Health	2006 – present
European Journal of Cardiovascular Nursing	2006 – present
Journal of Psychosomatic Research	2007 – present
British Journal of Health Psychology	2007
Biological Research for Nursing	2010
Western Journal of Nursing Research	2011 -Present
Journal of Nursing Measurement	2012– present
Journal of Marriage and Family	2012– present
Disability and Rehabilitation	2013 - present

**NIH Study Section**

2018 Fall NINR NRRC 73 Reviewer: K award & F-award

**Academic Service: Teaching**

Class	Year	Program	Credit	#students	
NUR 708 Measuring and Documenting Nursing Practice	2007 Spring	MSN	4	8	Assisting lectures
	2008 Spring	MSN	4	8	Assisting lecturers.
NUR792 Quantitative Methods in Nursing Research	2007 Fall	PhD	3	12	Assisting lectures (8 weeks). and a Guest lecture (1 week)
	2008 Fall	PhD	3	14	Assisting lectures and giving guest lecturers (8 weeks).
	2009 Fall	PhD	3	5	Guest lecturers (2 weeks)
	2010 Fall	PhD	3	5	Guest lecture (1 weeks)
NUR793 Measurement of Nursing Phenomena	2012 Spring	PhD	4	4	Co-Lecturer with Dr. Lennie
	2013 Spring	PhD	4	8	Co-Lecturer with Dr. Lennie
	2014 Spring	PhD	4	8	Lecturer
	2015 Spring	PhD	4	5	Lecturer
	2016 Spring	PhD	4	3	Lecturer
	2017 Spring	PhD	4	9	Co-lecturer with Dr. Mudd-Martin
NUR 794 Analysis and Presentation of Data	2017 Spring	PhD	4	8	Co-lecturer with Dr. Moser
	2018 Spring	PhD	4	9	Co-lecturer with Dr. Moser
	2019 Spring	PhD	4	7	Co-lecturer with Dr. Miller, Rayens
	2019 Fall	PhD	3	6	Co-lecturer with Dr. Miller
NUR 790 Knowledge Development in Nursing	2013 Fall 2015, 2016	PhD	3	8	Guest lecturer (1 week)
NUR 790 Knowledge development in nursing	2017 Fall	PhD	3	6	Lecturer
NUR 925 Research Methods in Advanced Practice Nursing	2013 Spring	DNP	3	17	Co-lecturer with Dr. Frazier
NUR 779-001 Doctoral seminar	2015 Fall	PhD	1	7	Lecturer
NUR 779-003 Doctoral seminar Career Development	2020 Spring	PhD	1	6	Lecturer (new course)
NUR 771 Independent study	2012 Summer	PhD	1	1	Lecturer
	2013 Fall,	PhD	1	1	Lecturer
	2014 Spring	PhD	2	1	Lecturer
	2014 Spring	PhD	1	1	Lecturer
	2015 Fall	PhD	1	4	Lecturer

**Committee member of PhD doctoral students**

Student Name (last, first)	Involvement Type	Title of Student's Work	Student's Program	Start Year – Completed Year
Amanda Culp-Roche	Dissertation Committee Member	Prediabetes and diet management	PhD, Nursing	4/2018-5/2019
Ifeanyi Madujibeya	Dissertation Committee Chair	mHealth and self-care in heart failure	PhD, Nursing	8/2017 - present
Leigh Ann Koonmen	Dissertation Committee Chair	Self-management in Type 2 diabetes	PhD, Nursing	1/2017-4/2019



Jennifer Smith	Dissertation Committee Member	Gene in low sodium diet adherence (advisor: Mudd-Martin)	PhD, Nursing	1/2015 – 9/2018
Junghee Kang	Dissertation Committee Member	Nutrition in heart failure (advisor: Moser & Biddle)	PhD, Nursing	8/2014- present
Al-Rawashdeh, Sami	Dissertation Committee Co-Chair (Lennie)	Sleep disturbance and outcomes in caregivers of patients with heart failure	PhD, Nursing	1/2013 – 7/2014
Majdi Rababa	Dissertation Committee Chair	Caregivers in heart failure	PhD, Nursing	8/2013-8/2018
Donna Kirk	Dissertation Committee Member	Adolescent healthy behaviors (Advisor: Susan Frazier)	PhD, Nursing	8/2012 - Present
Melanie Schrader	Dissertation Committee Member	Caregivers in dementia (advisor: Debra Moser)	PhD, Nursing	8/2012 – 6/2016
Nattarose Srihakim	Dissertation Committee Member	Heart failure(advisor- Terry Lennie): Withdrawn due to her illness	PhD, Nursing	8/2012 – 7/2014
Sara Shaunfield	Dissertation Committee Member	Communication burden in hospice caregivers of dementia patients	PhD, Communications	8/2012 – 5/2015
Linda Clements,	Dissertation Committee Member	Heart failure caregiver education (advisor: Debra Moser)	PhD, Nursing	2010 – 12/2019
Rana Rahman	Dissertation Committee Member	Adherence to medication (advisor: Susan Frazier)	PhD, Nursing	10/2013- present
Tracey Vitori	Dissertation Committee Member	PTSD. Dyadic analysis (advisor: Susan Frazier)	PhD, Nursing	8/2012 – 7/2016
Shannon Shumaker	Dissertation Committee Member	Social support-dyadic analysis (advisor: Susan Frazier)	PhD, Nursing	3/2014- 8/2016

**Committee member of DNP doctoral students**

Alexandra G. (Lexie) Dampier	8/2012-5/2013 (Graduated in 5/2013)	committee member (Advisor- Elizabeth Tobar)	Primary Care Providers' Depression Screening and Treatment Recommendations and Their Attitudes, Knowledge, and Perceptions about Screening Patients with Heart Failure for Depression
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**Consultation**

Student Name	Title of Student's Work	Student's Program of Study	Started - completed
Morrison, Todd	Clinical guideline for depression in heart failure	DNP at the University of Utah	2013 Spring

**Visiting scholars**

Maria Liljeroos	2015 October -4 weeks	Doctoral students, Linköping University, Sweden
Maria Liljeroos	2017 August -4 weeks	Post-doctoral scholar, Linköping University, Sweden
Jaok Kim	2018 January -4 weeks	Assistant Professor, Wonkwang Health Science University Iksan, Republic of Korea.
Suk Jeong Lee	2018, August -2019 January	Professor Red Cross College of Nursing, Chung-Ang University, Seoul, Korea

Su Jeong Han	2020 July –July 2021	Professor, College of Nursing, Konyang University, Daejeon, Korea.
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**Mentor Service Outside of University of Kentucky**

Jisook Ko	10/2019 - present	Assistant Professor, School of Nursing, University of Texas, San Antonio. A co-mentor for K12
Soojeong Ahn	8/2019 - present	A doctoral student, University of Virginia; a dissertation committee.

**Other Service in University of Kentucky**

2008 August – 2009 July	University of Kentucky Korean Faculty Association, Vice President
2009 August – 2011 June	University of Kentucky Korean Faculty Association, President
2011 July – present	University of Kentucky Korean Faculty Association, Senior Advisor
2009 August – 2018.	Advisor of “Simile”, an undergraduate student organization that shares Korean culture in University of Kentucky
2009 August – Present	Korean-American Scientists and Engineers Association. Member
2014 January	Abstract reviewer for the 2014 National Conference on Undergraduate Research
2015 May	Grant proposal review for University of Kentucky Center for Clinical and Translational Science (CCTS)
2017 March	Abstract review for UK CCTS scholarship showcase of CON
2017 May	Grant reviewer for the Vice President for Research Support Grant
2017 July 24-August4	The RICH Heart Writing Institute-Summer 2017, Lexington, KY – Chair of the program development
2018 May 7-11	The RICH Heart Writing Institute-May 2018 for UK CON faculty, Lexington, KY – Chair of the program development
2018 July30-August 3	The RICH Heart Writing Institute-Summer 2018 Lexington, KY – Chair of the program development
2019 July 28- August 1	The RICH Heart Writing Institute-Summer 2019 Lexington, KY – Chair of the program development
2020 April- October	COVID19 Workstream- International Center, University of Kentucky

### **Other Academic Service in UK**

8/2020-7/2022	PhD curriculum committee member, College of Nursing
1/2017- 6/2020	Promotion, Appointment, and Tenure Advisory (PATA) Committee
8/2017- present	Global Affair Committee member, College of Nursing
1/2013 –present	The RICH Heart PhD student seminar meeting – facilitator.
8/2017 – 7/2019	The Chair of the PhD curriculum committee, College of Nursing
8/2014- 7/2016	The Chair of the PhD curriculum committee, College of Nursing
5/2013 – 7/2014	PhD curriculum committee member, College of Nursing
9/2013 – 5/2014	Program planning committee member of the College of Nursing Scholarship Showcase, University of Kentucky.
8/2013 –7/2017	Consultation for the DNP capstone projects
8/2014- 6/2015	Governance committee member, College of Nursing/ Committee member , College of Nursing
7/2015 –6/2016	Nominating Committee member, College of Nursing
11/2014 –6/2015	Faculty Search Committee member, College of Nursing
7/2008 – 2010	Leader of the P-20 Center Journal Club
7/2016 –6/2017	Faculty Search Committee member, College of Nursing
2008 – 7/2012	Graduate faculty –Associate
8/2012 – present	Graduate faculty- Full

### **Public and Community Service**

2008 August – Present	Lexington Korean School. Advisory Board member
2010 August – June 2015	Korean Women International Network-Atlanta branch Member

### **Professional development**

#### **Workshop**

- Dyadic Data Analysis Workshop, Michigan State University, Department of Psychology. East Lansing, MI (July 2012).
- Mediation and Moderation Statistic camp, Kansas University, Center for Research Methods & Data Analysis, Lawrence, KS (June 2013).
- Faculty Development Conference 2014 by the AACN, Fort Worth, TX (February, 2014).
- Nursing Science and the Research-Focused Doctorate Pre-Conference Workshop & AACN Doctoral Education Conference 2015 by the AACN, San Diego, CA (February, 2015).
- Big Data in Symptoms Research Methodologies Boot Camp by NIH Foundation for Advanced in the Sciences, Inc., at the NIH, Bethesda, MD (July, 2015).
- Multilevel Modeling Statistical Camp by Institute for Measurement, Methodology, Analysis & Policy, Texas Tech University, Grapevine, TX (June, 2015).
- Nursing Science and the Research-Focused Doctorate Pre-Conference Workshop & AACN Doctoral Education Conference 2018 by the AACN, Naples, FL (February, 2018).
- Nursing Science and the Research-Focused Doctorate Pre-Conference Workshop & AACN Doctoral Education Conference 2019 by the AACN, San Diego (February, 2019).

- Medication, Moderation, and Conditional Process Analysis, Statistical Horizons. By Andrew Hayes. Fort Myers, FL (February, 2019).

### News Media

<https://www.uky.edu/nursing/about-us/news/con-hosts-students-sungshin-university>

<https://www.escardio.org/The-ESC/Press-Office/Press-releases/symptoms-of-depression-in-caregivers-may-predict-future-health-problems>

<http://newsroom.heart.org/news/same-factors-influence-depression-in-stroke-patients-spouse-caregivers>

<http://consumer.healthday.com/mental-health-information-25/depression-news-176/self-esteem-optimism-help-when-caring-for-spouse-after-stroke-672962.html>

<http://www.everydayhealth.com/stroke/treating-spousal-depression-may-improve-stroke-survivor-mental-health-3522.aspx>

<http://news.health.com/2013/02/06/self-esteem-optimism-help-when-caring-for-spouse-after-stroke/>

<http://newsroom.heart.org/news/sunday-news-tips-2775532>

[http://news.yahoo.com/salt-sensor-helps-people-improve-diet-145101467.html;\\_ylt=AwrTWfwz5XxUu0wAl\\_3QtDMD](http://news.yahoo.com/salt-sensor-helps-people-improve-diet-145101467.html;_ylt=AwrTWfwz5XxUu0wAl_3QtDMD)

<http://www.scienceworldreport.com/articles/18994/20141117/electronic-monitoring-device-helps-heart-patients-monitor-their-salt-intake.htm>

<http://www.livescience.com/48785-salt-sensor-improve-diet.html>

<http://www.virtual-strategy.com/2014/11/16/sunday-news-tips#axzz3Kgb7os9Z>

<http://newsroom.heart.org/news/wednesday-news-tips-2826602?preview=ff83>

<http://academics.uky.edu/ukcon/pub/NewsEventsPublications/news/Pages/Sodium-study.aspx>

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