

Gia Mudd-Martin, PhD, MPH, RN, FAHA
Curriculum Vitae

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Education:

Dates	Institution	Degree	Field(s) of Study
2002 – 2007	University of Texas Health Science Center – Houston Houston, TX	Ph.D.	Nursing
1999 – 2002	University of Texas Health Science Center – Houston Houston, TX	M.S.N.	Nursing
1999 – 2002	University of Texas Health Science Center – Houston Houston, TX	M.P.H.	Public Health
1984 – 1988	University of Louisville Louisville, KY	B.S.N.	Nursing

Professional Experience:

Dates	Institution and Location	Position
2016 – present	University of Kentucky, Community Engagement and Research Core Center of Clinical and Translational Science Lexington, KY	Director
2018 – present	University of Kentucky, College of Medicine Lexington, KY	Associate Professor Joint Appointment
2014 – present	University of Kentucky, College of Nursing Lexington, KY	Associate Professor

Dates	Institution and Location	Position
2007 – 2014	University of Kentucky, College of Nursing Lexington, KY	Assistant Professor
2003 – 2007	University of Louisville, School of Nursing Louisville, KY	Instructor
2002 – 2003	University of Texas Health Science Center - Houston, School of Nursing Houston, TX	Teaching Associate
2000 – 2002	University of Texas Health Science Center - Houston, School of Nursing Houston, TX	Research Associate
1997 – 2000	Proyecto Vida Digna, San Felipe Catholic Church Brownsville, TX	Founder and Director
1995 – 1997	Centro Latino Shelbyville, KY	Founder and Director
1991 – 1995	Community Health Outreach Parroquia San Rafael Valparaíso, Chile, SA	Founder and Director
1988 – 1991	Mount Saint Joseph Infirmary Owensboro, KY	Co-Administrator; Nurse

Licensures and Certifications:

Dates	Description	Accrediting Body
1988 – present	Registered Nurse Licensure	Kentucky Board of Nursing

Professional Memberships:

2016 – present	Appalachian Translational Research Network
2010 – present	American Heart Association
2003 – present	International Society of Nurses in Genetics
1988 – present	Sigma Theta Tau, International Honor Society of Nursing
2003 – 2011	American Public Health Association

2002 – 2011 Southern Nursing Research Society
2003 – 2005 University of Louisville Center for Genetics in Molecular Medicine

Funded Research, External

- 07/01/20-06/30/25 “Cognitive Behavioral Therapy for Depressive Symptoms in Rural Coronary Heart Disease Patients”
(D. Moser, PI)
NIH, PCORI
Co-Investigator
Funding: \$2,800,000
- 04/01/20-01/31/25 “University of Kentucky Superfund Research Center, Nutrition and Superfund Chemical Toxicity”
B. Hennig (PI), K. Pennell (PI)
National Institute of Environmental Health Sciences
P42ES007380
Co-Leader, Core D: Community Engagement Core
Funding: \$8,700,000
- 03/02/17–01/31/22 “Corazón de la Familia (Heart of the Family)”
G. Mudd-Martin (PI)
National Institutes of Health, National Institutes of Nursing, the Office of Behavioral and Social Science Research, and the National Institutes of Health Office of Director
1R01NR016262
Principal Investigator
Funding \$2,600,000
- 09/01/16–08/31/21 “Rural Intervention for Caregivers’ Heart Health (RICHH)”
Moser, DK (PI), Chung, ML (PI)
National Institutes of Health, National Institutes of Nursing
1R01NR016824
Co-investigator
Funding: \$2,300,000
- 08/15/16–05/31/21 “University of Kentucky Center for Clinical and Translational Science”
P. Kern (PI)
National Center for Advancing Translational Sciences (NCATS)
1UL1TR001998
Co-investigator, Director of Community Engagement and Research
Funding: \$9,000,000
- 03/1/18–02/28/20 “Journey of Hope in Appalachian Youth: Building Youth Resilience.”
G. Mudd-Martin (UK PI), T. Jarret (WVU Co-PI)
CCTS Appalachian Translational Research Network Community-

- Academic Partnership grant, National Center for Advancing Translational Sciences (NCATS)
1UL1TR001998
Principal Investigator
Funding: \$60,000
- 11/01/17–10/31/18 “Genetic Influences on Adherence to Dietary Sodium Reduction in Patients with Heart Failure”
J. Smith (Doctoral student PI)
G. Mudd-Martin (Mentor)
Sigma Theta Tau International, Delta Psi Chapter Dissertation Award
Funding \$1000.00
- 07/2015–08/2016 "Supplement - Early detection and prevention of mild cognitive impairment due to cerebrovascular disease," D.K. Moser (PI)
National Institute of Nursing Research, National Institutes of Health
Co-investigator
- 07/2013–06/2016 “Reducing Health Disparities in Appalachians with Multiple Cardiovascular Disease Risk Factors” D.K. Moser (PI),
Patient Centered Outcomes Research Institute
Co-investigator
Funding: \$2,092,473
- 07/2010–06/2015 “Gene Environment Interactions Regulating CVD Inflammation and Success of Behavioral Therapies.”
National Center for Research Resource, NIH
Principal investigator
Funding: \$500,000
- 07/2010–06/2015 "Center for the Biologic Basis of Oral/Systemic Diseases." J.L. Ebersole (PI)
Co-investigator
National Center for Research Resources, NIH
Funding \$10,657,207
- 09/01/10–08/31/12 “Heart Health in Rural Kentucky.” D.K. Moser (Co-PI), M.J. Novak (Co-PI).
Health Resources and Services Administration
D1ARH20134
Co-investigator
Funding: \$1,980,000
- 08/01/09–08/31/10 “Heart Health in Appalachia Kentucky.” M.J. Novak (Co-PI), D.K. Moser, (Co-PI),
Health Resources and Services Administration
D1ARH16062
Co-investigator

Funding: \$941,490

Funded Research, Internal

- 07/01/20-06/30/21 “Management of Type 2 Diabetes during the COVID-19 Epidemic.”
Leigh Anne Koonmen (Doctoral student PI)
G. Mudd-Martin (Mentor)
Funding \$1000.00
- 08/01/18–12/30/20 “Experienced Ethnic Discrimination, Depressive Symptoms, and
Moderation by Val158Met Genotype in Hispanic Adults.”
Disparities Researchers Equalizing Access for Minorities (DREAM)
Scholars Grant
K. Voigts (Doctoral student PI)
G. Mudd-Martin (Mentor)
Funding \$5000.00
- 08/01/18–12/30/20 “Experienced Ethnic Discrimination, Depressive Symptoms, and
Moderation by Val158Met Genotype in Hispanic Adults.”
University of Kentucky College of Nursing Dissertation Scholarship
K. Voigts (Doctoral student PI)
G. Mudd-Martin (Mentor)
Funding \$5000.00
- 03/01/18–08/01/18 “Genetic Influences on Adherence to Dietary Sodium Reduction in Patients
with Heart Failure”
J. Smith (Doctoral student PI)
G. Mudd-Martin (Mentor)
UK CCTS Certificate Scholars Seed Grant
Funding \$3500.00
- 09/01/17–08/01/18 “Associations between TAS2R38 haplotypes and salt taste acuity and
dietary sodium intake in patients with heart failure.”
J. Smith (Doctoral student PI)
G. Mudd-Martin (Mentor)
Sigma Theta Tau International, Delta Psi Chapter Research Award Funding
\$5000.00
- 2010 – 2011 “Community-Based Education Model for Cardiovascular Risk Reduction
in Rural Appalachian Kentucky.”
D.K. Moser (Co-PI), M.J. Novak (Co-PI).
Commonwealth Collaborative Program
Co-investigator
Funding: \$10,000

Submitted Research Proposals, Pending

- 07/01/20-06/31/25 “Heart of the Family: A Cardiovascular Disease and Type 2 Diabetes Risk Reduction Intervention in High-Risk Rural Families
NIH, National Institutes of Nursing Research
Principal Investigator
- 12/01/20-11/30/24 Intervening in Diabetes Education to Promote Patient Activation (IDEA)
NIH, National Center for Advancing Translational Science
1U01TR003526-01
Site Principal Investigator
- 12/01/20-11/31/25 “Appalachian STRONG (STRategies to Optimize Nutrition and Good living)”
Dawn Brewer, PI
NIH, National Institute of Minority Health and Health Disparities
Co-investigator
- 08/01/20-07/31/24 The National Drug Abuse Treatment Clinical Trials Network
Subaward from Duke University Medical School
Co-investigator, Community Engagement Lead
- 06/01/20-05/31/25 University of Kentucky Center for Clinical and Translational Science
P. Kern (PI)
National Center for Advancing Translational Sciences (NCATS)
1UL1TR001998
Co-investigator, Director of the Community Engagement and Research Core
- 2020 – 2025 Peer-led Text Message Intervention to Improve Fruit, Vegetable, and Low-Calorie Beverage Intake
A. Gustafson (PI)
National Institute of Nursing Research
Co-investigator

Submitted Research Proposals, Not Funded

- 2020 Cognitive Behavioral Therapy for Depressive Symptoms in Rural Coronary Heart Disease Patients
NIH, National Institutes of Nursing Research
Co-Investigator (D. Moser, PI)
- 2019 American Heart Association Predoctoral Fellowship
Maddie Dunfee, MD/PhD student
Co-mentor
- 2019 “Living and Dying with Implantable Cardiovascular Defibrillator: Communication of End-of-life Decisions.”
Jennifer Miller, RN, PhD
NINR K-23 Mentored Career Development

Co-mentor

- 2019 “Home and Environment in the Appalachian Region: Trends in Health.”
D. Arnett (PI)
NHLBI U grant
Co-investigator, UK Field Site Director
Funding: \$20,000,000.00
- 2019 “Cultural home-visiting intervention to promote exclusive breastfeeding
in Hispanics.”
A. Linares (PI)
National Institutes of Nursing, National Institutes of Health
Co-investigator
Funding: \$2,085,526
- 2019 “Diabetes Associated Treatment Effectiveness (DATE) Study of the
Rural Health Research Network”
G. Mudd-Martin (PI)
Western States Consortium of the CCTS
Principal Investigator
Funding: \$25,000
- 2018 "Addressing Sleep in Diabetes Self-Management Education,"
CCTS Western States Consortium Collaborative grant
G. Mudd-Martin (UK PI), E. Matthews (UAMS PI)
Principal Investigator
- 2017 "Center for Health Disparities Transformation,"
CCTS Western States Consortium Collaborative grant
J. Hatcher (PI), N. Schoenberg (co-PI)
Core Director, Community Engagement
- 2015 "Kentucky Center for Disparities in CARdiovascular Disease
Interventions in Appalachian Community (CARDIAC) Health,"
American Heart Association
Co-investigator
- 2015 "Center for Excellence in Biobehavioral Research on Self-Management
Interventions to Promote Cardiovascular Health,"
National Institutes of Nursing, National Institutes of Health
Co-investigator
- 2015 “Inflammatory Genotype-Phenotype Influences on Success of Self-
Management of Coronary Artery Disease.”
National Institutes of Nursing, National Institutes of Health
P30 grant in the "Center for Excellence in Biobehavioral Research on
Self-Management Interventions to Promote Cardiovascular Health"

Principal investigator

- 2014 “Gene-Treatment Interactions and CVD Reduction Intervention Response in Appalachia KY.”
National Heart, Lung, and Blood Institute
Principal investigator
- 2013 “Sustainable CVD Risk Reduction in Economically Austere Rural Communities.” D.K. Moser, (PI)
National Institutes of Health
Co-investigator
- 2012 “Heart Health in Austere Environments.” D.K. Moser, (PI)
National Institute of Nursing Research
Co-investigator
- 2012 “Culturally Tailored Technology to Improve Caregiver and Dementia Patient Outcomes.” D.K. Moser, (PI)
National Institute of Nursing Research
Co-investigator
- 2011 “A Whole Health Approach to Heart Health in Rural Kentucky.”
Patient Centered Outcomes Research Institute
Principal Investigator
Status: **Scored**, not funded
- 2010 “Wireless Coaching or Self-Management: Efficacy of Risk Reduction Between Sexes.” (Subcontract with UCLA, D.K. Moser and J. Eastwood, Co-PI)
Co-investigator

Instructional Grants

- 2004 “Teaching Undergraduates Smoking Cessation in Pregnant Women.” C. Zambroski (PI), G. Mudd (co-investigator). University of Louisville Center for Cancer Nursing Education and Research, \$3000.

Honors and Awards

- 2019 American Heart Association Martha Hill Early Career Investigator Award to Jennifer L. Smith for presentation and paper: *TAS2R38 haplotype predicts vegetable consumption in community dwelling adults at risk for cardiovascular disease*. (Gia Mudd-Martin, mentor and senior scientist)
- 2019 Fellow, Bluegrass Consortium of Higher Education Academic Leadership Academy

- 2019 American Heart Association Louis B. Russell Award nominee
- 2019 Recognition for Excellence in Undergraduate Research Mentorship, University of Kentucky
- 2019 American Heart Association Undergraduate Summer Training in Cardiovascular Research, mentor
- 2019 Cardiovascular Stroke Nursing Best Abstract Award: Can adverse social determinants of health be overcome by cardiovascular risk reduction interventions designed specifically for rural socioeconomically distressed environments? Moser, D.K., Chung, M.L., Miller, J.L., Mudd-Martin, G., Rayens, M.K. and Lennie, L.A. (2019)
- 2018-present Mentor for Jonas Scholars Recipient, Leigh Anne Koonmen
- 2016-2020 University of Kentucky Wethington Award for research excellence and productivity
- 2017 Fellow, Cardiovascular and Stroke Nursing Council, American Heart Association
- 2017 Excellence in Research and Scholarship, University of Kentucky College of Nursing
- 2016 Top ten student abstracts at the 2016 Southern Nursing Research Society Annual Conference for peer-reviewed presentation by Adebola Adegboyega et al., *Psychometric testing of an instrument to measure cardiovascular disease fatalism* (Gia Mudd-Martin, mentor and senior scientist)
- 2016 Sigma Theta Tau International invited student presentation as a 2016 Rising Star for podium presentation by Jennifer Smith et al., *Dietary sodium intake is predicted by anti-hypertensive medication regimen in heart failure patients*. (Gia Mudd-Martin, mentor and senior scientist)
- 2015 Third place student presentation award at the 2015 Southern Nursing Research Society Annual Conference for peer-reviewed podium presentation by Alexandria Milam et al., *Tooth Loss is Associated with Increased Risk for Cardiovascular Disease*. (Gia Mudd-Martin, mentor and senior scientist)
- 2012-2013 University of Kentucky Wethington Award for research excellence and productivity
- 2012 Fellowship, Seminar in Epidemiology and Prevention of Cardiovascular Disease, American Heart Association
- 2012 Reviewer of the Year, Journal of Cardiovascular Nursing
- 2008 Faculty Research Award for Dissertation Excellence, University of Texas Health Science Center – Houston
- 2005 William Randolph Hearst Foundation Scholarship Award, University of Texas Health Science Center – Houston
- 2003 Fellowship, NIH Summer Genetics Institute, National Institute of Nursing

	Research, National Institutes of Health
2002	Who's Who Among Students in American Universities and Colleges
1999 – 2001	Nursing Traineeship, University of Texas Health Science Center – Houston
1988	Golden Key National Honor Society Recognition
1988	Florence Nightingale Award, University of Louisville, Louisville, KY

Publications (* indicates publications for which I am senior scientist)

- *Smith, J. S., Estus, S. A., Lennie, T. L., Moser, D. K., Chung, M. L., & **Mudd-Martin, G.** (*in press*). TAS2R38 PAV haplotype predicts vegetable consumption in Caucasian community dwelling adults at risk for cardiovascular disease. *Biological Research for Nursing*.
- *Adegboyega, A., Chung, M., Moser, D.K., & **Mudd-Martin, G.** (*in press*). Psychometric testing of a cardiovascular disease fatalism instrument (CVD-FI) among adults with CVD risks. *Journal of Nursing Measurement*.
- Koempel, A.M., Brewer, D., **Mudd-Martin, G.**, Stephenson, T.J. (*in press*). Mountains of abundance: A fruit and vegetable and walking program in Central Appalachia. *Journal of Appalachian Studies*.
- Hardin-Pierce, M., Hampton, D., Melander, S., Wheeler, K., Scott, L., Inman, D., Parrish, E., & **Mudd-Martin, G.** (2020). Faculty and student perspectives of a graduate online delivery model supported by on-campus immersion. *Clinical Nurse Specialist: J for Advanced Nursing Practice*, 34(1), 23-29. doi: 10.1097/NUR.0000000000000494.
- *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. *Journal of Cardiovascular Nursing*, 34(4), 313-318. doi: 10.1097/JCN.0000000000000570. PMID: 30855313; PMCID: PMC6557677
- Abraham, C., Kelly, S., Wantland, D., Chung, M. L., **Mudd-Martin, G.**, Biddle, M. J., & Moser, D. K. (2019). Factors influencing cardiovascular risk factors and health perception among Kentuckians living in Appalachia. *Journal of Cardiovascular Nursing*. doi: 10.1097/JCN.0000000000000594.
- Henderson, W.A. & **Mudd-Martin, G.** (2018). Genetics and Genomics in Nursing Science [Editorial]. *Biological Research for Nursing*, 20(2):17. doi.org/10.1177/1099800417754139. PMID: 29366332.
- Abshire, D.A., **Mudd-Martin, G.**, Moser, D.K., & Lennie, T.A. (2018). Comparing measures of general and abdominal adiposity as predictors of blood pressure in college students. *Journal of American College Health*, 66(1)51-60. PMID: 28820677.
- Abshire, D.A., Lennie, T.A., **Mudd-Martin, G.**, & Moser, D.K. (2017). Residing in economically distressed rural Appalachia is independently associated with excess body weight in college students. *Rural and Remote Health*, 17(1):3984. PMID: 28292190.

- Abshire, D.A., Lennie, T.A., Moser, D.K., & **Mudd-Martin, G.** (2016). Perceptions related to cardiovascular disease risk in Caucasian college males. *Am J Mens Health, 10*(6), NP136-NP144. PMID: 26130726.
- Moser, D.K., Arslanian-Engoren, C., Biddle, M.J., Chung, M.L., Dekker, R.L., Hammash, M.H., **Mudd-Martin, G.**, Alhurani, A., & Lennie, T.A. (2016). Psychological aspects of heart failure. *Current Cardiology Reports 18*(12), 119. PMID: 27796856.
- Chung, M. L., Lennie, T. A., **Mudd-Martin, 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. PMID: 24829295.
- 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. *The Journal of Rural Health, 31*(2), 206-216. PMID: 25252080.
- Alhurani, S .A., Dekker, R. L., Abed, M. A., Khalil, A., Al Zaghal, M. H., Lee, K. S., **Mudd-Martin, G.**, Biddle, M. J., Lennie, T. A., & Moser, D. K. (2015). The association of co-morbid symptoms of depression and anxiety with all-cause mortality and cardiac rehospitalization in patients with heart failure. *Psychosomatics, 56* (4), 371-380. PMCID: PMC4285580
- Saleh, Z. T., Lennie, T. A., **Mudd-Martin, G.**, Bailey, A. L., Novak, M. J., Biddle, M., Khalil, A. A., Darawad, M., & Moser, D.K. (2015). Decreasing sedentary behavior by 30 minutes per day reduces cardiovascular disease risk factors in rural Americans. *Heart & Lung, 44*, 382-386.
- Heo, S., Moser, D.K., Pressler, S.J., Dunbar, S.B., **Mudd-Martin, G.**, & Lennie, T.A. (2015). Psychometric properties of the Symptom Status Questionnaire-Heart Failure. *Journal of Cardiovascular Nursing, 30*(2), 136-144. PMCID: PMC4391745.
- Chung, M. L., Lennie, T. A., **Mudd-Martin, G.**, & Moser, D. K. (2015). Adherence to a low-sodium diet in patients with heart failure is best when family members also follow the diet: A multicenter observational study. *The Journal of Cardiovascular Nursing, 30*(1), 44-50. PMCID: PMC3999296
- Mudd-Martin, 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 contexts. *American Journal of Health Behavior, 38*(1), 134-143. PMID: 24034688.
- Moser, D.K., Lee, K.S., Wu, J-R., **Mudd-Martin, G.**, Jaarsma, T. Huang, T-Y, Fan, X-Z, Stromberg, A., Lennie, T.A., & Riegel, B. (2014). Identification of symptom clusters among patients with heart failure: An international observational study. *International Journal of Nursing Studies, 51*(10), 1366–1372. PMCID: PMC4148469
- Banerjee, T., Lee, K.S., Browning, S.R., Hopenhayn, C., Westneat, S., Biddle, M.J., Arslanian-Engoren, C., Eastwood, J.A., **Mudd, G.**, & Moser, D.K. (2014). Limited association

between perceived control and health-related quality of life in patients with heart failure. *Journal of Cardiovascular Nursing*, 29(3), 227-231. doi: 10.1097/JCN.0b013e31828b2b23. PMID: PMC3701030

- Mudd-Martin, G.**, Martinez, M. C., Rayens, M. K., Gokun, Y., & Meininger, J. C. (2013). Sociocultural tailoring of a healthy lifestyle intervention to reduce cardiovascular disease and type 2 diabetes risk among Latinos. *Preventing Chronic Disease*, 10, E200-E200. doi:10.5888/pcd10.130137. PMID: PMC3843568
- Moser, D.K., Heo, S., Lee, K.S., Hammash, M., Riegel, B., Lennie, T., Arslanian-Engoren, C., **Mudd-Martin, G.**, Albert, N., & Watkins, J. (2013). "It could be worse ... lot's worse!" Why health-related quality of life is better in older compared with younger individuals with heart failure." *Age and Ageing*, 42(5), 626-632. PMID: PMC3745088
- Ashley E.A., Hershberger, R.E., Caleshu, C., Ellinor, P.T., Garcia, J.G.N., Herrington, D.M., Ho, C.Y., Johnson, J.A., Kittner, S.J., MacRae, C.A., **Mudd-Martin, G.**, Rader, D.J., Roden, D.M., Scholes, D., Sellke, F.W., Towbin, J.A., Van Eyk, J., Worrall, B.B.; on behalf of the American Heart Association Advocacy Coordinating Committee (2012). Genetics and cardiovascular disease: A policy statement from the American Heart Association. *Circulation*, 126(1), 142-157. PMID: PMC3721666
- Mudd, G.T.** and Martinez, M.C. (2011). Translation of family health history questions on cardiovascular disease and type 2 diabetes with implications for Latina health and nursing practice. *Nursing Clinics of North America*, 46(2), 207-218.
- Mudd, G.T.** (2011). The development of a Spanish language instrument to measure genetic knowledge of diabetes mellitus type 2. *Journal of Transcultural Nursing* 22(2), 148-156.
- Frazier, L., Calvin, A.O., **Mudd, G.T.**, and Cohen, M.Z. (2006). Understanding of genetics among older adults. *Journal of Nursing Scholarship*, 38(2), 126-132.
- Brackley, M., Davila, Y., Thornton, J., Leal, C., **Mudd, G.**, Shafer, J., Castillo, P., & Spears, W. (2003). Community readiness to prevent intimate partner violence in Bexar County, Texas. *Journal of Transcultural Nursing*, 14(3), 227-236.
- Perkins, J. L., Zavaleta, A. N., **Mudd, G.**, Bollinger, M., Muirhead, Y., & Cisneros, J. (2001) Lower Rio Grande Valley Community Health Assessment. Unpublished report, University of Texas Health Science Center-Houston. (Report for the Texas State Legislature)

Published Abstracts (* indicates published abstracts for which I am senior scientist)

- *Smith, J.L., Estus, S., Lennie, T.A., Moser, D.K., Chung, M.L., & **Mudd-Martin, G.** (2019). TAS2R38 Haplotype predicts vegetable consumption in community dwelling adults at risk for cardiovascular disease. *Circulation*, 140(1), Suppl 1, Abstract 13779.
- *Voigts, K. & **Mudd-Martin, G.** (2019). Ethnic discrimination is associated with depressive symptoms in Hispanic adults at risk for cardiovascular disease. *Circulation*, 140(1), Suppl 1, Abstract 10895.
- *Alreshidi, S., Voigts, K., Lennie, T.A., & **Mudd-Martin, G.** (2019). Family encouragement for a healthy diet predicts diet quality in Hispanic adults at risk for cardiovascular disease. *Circulation*, 140(1), Suppl 1, Abstract 11671.

- Moser, D.K., Chung, M.L., Miller, J.L., **Mudd-Martin, G.**, Rayens, M.K. & Lennie, L.A. (2019). Can adverse social determinants of health be overcome by cardiovascular risk reduction interventions designed specifically for rural socioeconomically distressed environments? Cardiovascular Stroke Nursing Best Abstract Award. *Circulation*, 140(1), Suppl 1, Abstract 12299.
- Koempel, A., Stephenson, T., Plasencia, J., **Mudd-Martin, G.**, McHugh, K., & Brewer, D. (2019). Produce to the people: Increasing food access and physical activity in Appalachian Kentucky. *Journal of the Academy of Nutrition and Dietetics*, 119(9), Suppl 1, A63.
- Morris, A.J., Mottaleb, M.A., Petriello, M., Smyth, S.S., **Mudd-Martin, G.**, & Moser, D.K. (August 2018). Circulating levels of per- and polyfluoroalkyl substances in subjects undergoing behavioral/lifestyle based interventions for cardiovascular disease risk reduction. Podium presentation at the International Symposium on Halogenated Persistent Organic Pollutants, Krakow, Poland.
- *Smith, J. L., Estus, S., Lennie, T. A., Moser, D. K., Chung, M. L., & **Mudd-Martin, G.** (2016). TASR genotype is associated with adherence to dietary sodium recommendations in adults with cardiovascular disease risk factors. [AHA 19630 abstract]. *Circulation*, 134(Suppl 1), A19630.
- 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(S1), S57.
- Vitori, T., Frazier, S. K., Biddle, M. J., **Mudd-Martin, G. T.**, Moser, D. K. (2014). Hostility does not predict recurrent acute coronary syndrome or mortality in patients with coronary heart disease. *Journal of Cardiovascular Nursing*, 29, 392.
- 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 heart failure had poor heart health diet. *European Journal of Cardiovascular Nursing*, 13(S1), P129.
- Moser, D.K., **Martin, G.M.**, Biddle, M.J., Chung, M.L, Rayens, M.K., Bailey, A., & Lennie, T.A. on behalf of HeartHealth (2014). The HeartHealth trial: Improving depressive symptoms and cardiovascular disease risk in the most physically and mentally unhealthy area in the United States. *European Heart Journal*, 35(Suppl 22), 905.DOI: 10.1093/eurheartj/ehu326
- Moser, D. K., Dracup, K., Pelter, M. M., Lennie, T. A., **Mudd-Martin, G.**, Biddle, M. J., & Watkins, J. (2013). Testing the life context model of self-care and outcomes in heart failure: The role of psychosocial and aging factors [AHA 11085 abstract]. *Circulation*, 128(Suppl 22), A11085.
- Chung, M. L., Lennie, T. A., Biddle, M. J., **Mudd-Martin, G.**, 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 [AHA A12343 abstract]. *Circulation*, 128(Suppl 22).

- Biddle, M. J., Lennie, T. A., **Mudd-Martin, G.**, Bailey, A., Novak, M. J., Casey, B., Chung, M., & Moser, D. (2013). A dietary intervention rich in antioxidants reduces inflammation and oxidative stress [AHA 15553 abstract]. *Circulation*, 128(Suppl 22), A15553.
- Moser, D. K., Biddle, M. J., **Mudd-Martin, G.**, Bailey, A. L., Casey, B., Novak, M. J., Chung, M. L., Rayens, M. K., Westneat, S., & Lennie, T. A. (2013). Cardiovascular disease risk reduction in socioeconomically austere rural environments: A randomized, controlled efficacy trial of a self-care intervention followed by an effectiveness study [AHA A16489 abstract]. *Circulation*, 128(Suppl 22).
- 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 area in the country [AHA A16947 abstract]. *Circulation*, 128(Suppl 22).
- Lennie, T. A., Biddle, M. J., Chung, M. L., **Mudd-Martin, G.**, Bailey, A. L., Casey, B., Susan Westneat, S., Rayens, M. K., Novak, M. J., & 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 [AHA A17858 abstract]. *Circulation*, 128(Suppl 22).
- Eastwood, J.-A., Doering, L. V., Lennie, T. A., **Mudd-Martin, G.**, Biddle, M. J., & Moser, D. K. (2013). Anxiety, depression and age: Implications for women with heart failure [AHA A16258 abstract]. *Circulation*, 128(Suppl 22).
- 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 [Japanese Heart Failure Society SL10 abstract]. *Journal of Cardiac Failure*, 19(Suppl 10), S107.
- 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 degree relative is associated with high risk profile, but not healthier life style [AHA A19316 abstract]. *Circulation*. 126 (Suppl 21).
- 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 [AHA A13046 abstract]. *Circulation*. 126 (Suppl 21).
- 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 [AHA A9860 abstract]. *Circulation*. 126 (Suppl 21).
- Lennie, T. A., Frazier, S. K., Biddle, M., Novak, M. J., Casey, B., **Mudd-Martin, G.**, & Moser, D.K. (2012). Fatalism does not decrease effectiveness of interventions to improve cardiovascular health [AHA A19680 abstract]. *Circulation*, 126 (Suppl 21).
- Moser, D. K., Lennie, T. A., Biddle, M. J., **Mudd-Martin, G.**, Bailey, A., Casey, B., Frazier, S. K., & Novak, M. J. (2012). Cardiovascular risk profile of Appalachians living in an austere environment [AHA A17267 abstract]. *Circulation*, 126 (Suppl 21).

Book, chapter contribution

Jones-Zchaebitz, E. and Lancaster, J. Genomics in public health nursing (2012). In M. Stanhope and J. Lancaster (Eds.) *Public Health Nursing: Population Centered Health Care in the Community*. Elsevier, Maryland Heights, MO, pp. 241-253.

- Two case studies contributed to chapter.

Presentations, Refereed (* indicates presentations for which I am senior scientist)

International

- *Smith, J.L., Estus, S., Lennie, T.A., Moser, D. K., Chung, M.L., & **Mudd-Martin, G.** (November 2019). *TAS2R38 haplotype predicts vegetable consumption in community dwelling adults at risk for cardiovascular disease*. Martha Hill Award finalist. Paper presentation at the American Heart Association Scientific Sessions, Philadelphia, PA.
- *Voigts, K. & **Mudd-Martin, G.** (November 2019). *Ethnic discrimination is associated with depressive symptoms in Hispanic adults at risk for cardiovascular disease*. Podium presentation at the American Heart Association Scientific Sessions, Philadelphia, PA.
- *Alreshidi, S, Voigts, K., Lennie, T., & **Mudd-Martin, G.** (November 2019). *Family encouragement for a healthy diet predicts diet quality in Hispanic adults at risk for cardiovascular disease*. Poster presentation at the American Heart Association Scientific Sessions, Philadelphia, PA.
- Morris, A.J., Mottaleb, M.A., Petriello, M., Smyth, S.S., **Mudd-Martin, G.**, & Moser, D.K. (August 2018). *Circulating levels of per- and polyfluoroalkyl substances in subjects undergoing behavioral/lifestyle based interventions for cardiovascular disease risk reduction*. Podium presentation at the International Symposium on Halogenated Persistent Organic Pollutants, Krakow, Poland.
- *Smith, J. L., Estus, S., Lennie, T. A., Chung, M. L., & **Mudd-Martin, G.** (November 2016). *TASR genotype is associated with adherence to dietary sodium recommendations in adults with cardiovascular disease risk factors*. 2016 American Heart Association Scientific Sessions, American Heart Association, New Orleans, LA.,
- Mudd-Martin, G.**, Rayens, M. K., Rayens, M.K., & Moser, D.K. (November 2014). *Characteristics associated with willingness to participate in genetic research*. Paper presentation at the International Society of Nurses in Genetics Conference, Scottsdale, AZ.
- Dekker, R. L., Ashford, K. B., Lennie, T. A., Chung, M. L., Biddle, M. J., **Mudd-Martin, G.**, Bailey, A. L., & Moser, D. K., (October 2014). *Elevated cardiovascular risk factors among Appalachian women with a history of pregnancy complications*. 2014 American Heart Association Scientific Sessions, American Heart Association, Chicago, IL.
- Moser, D. K., **Mudd-Martin, G.**, 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*. European Society of Cardiology Congress,
- Lee, K. S., Lennie, T. A., Novak, J., Casey, B., **Mudd-Martin, G.**, Bailey, A. & Moser, D. K. (July 2014). *The association of inflammation with obesity and depressive symptoms among*

people with multiple cardiovascular disease risk factors. Paper presentation at Sigma Theta Tau International's 25th International Nursing Research Congress, Hong Kong.

Lennie, T. A., Chung, M. L., Biddle, M. J., **Mudd-Martin, G.**, Bailey, A. L., 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.* EuroHeartCare 2014 Congress, European Society of Cardiology, Stavanger, Norway.

Chung, M. L., Moser, D. K., Biddle, M. J., **Mudd-Martin, G.**, Bailey, A. L., Bailey, A., Novak, M. J., Lennie, T. A., (April 2014). *Rural residents with heart failure had poor heart healthy diet.* EuroHeartCare 2014 Congress, European Society of Cardiology, Stavanger, Norway.

Moser, D. K., Dekker, R. L., **Mudd-Martin, G.**, Chung, M. L., Biddle, M. J., Bailey, A. L., Casey, B. R., Westneat, S., Rayens, M. K., Novak, M. J., & Lennie, T. A., (November 2013). *Improving depressive symptoms among rural patients at high risk for cardiovascular disease in the most mentally distressed area in the country.* 2013 American Heart Association Scientific Sessions, American Heart Association, Dallas, TX.

Biddle, M. J., Lennie, T. A., **Mudd-Martin, G.**, Bailey, A. L., Novak, M. J., Casey, B. R., Chung, M. L., Moser, D. K., (November 2013). *A dietary intervention rich in antioxidants reduces inflammation and oxidative stress.* 2013 Scientific Session of the American Heart Association, American Heart Association, Dallas, TX.

Moser, D. K., Biddle, M. J., **Mudd-Martin, G.**, Bailey, A. L., Casey, B. R., Novak, M. J., Lennie, T. A., & Chung, M. L., (November 2013). *Cardiovascular risk reduction in socioeconomically austere rural environments: A randomized controlled efficacy trial of a self-care intervention followed by an effectiveness study.* 2013 Scientific Session of the American Heart Association, American Heart Association, Dallas, TX.c

Lennie, T. A., Biddle, M. J., **Mudd-Martin, G.**, Bailey, A. L., Casey, B. R., Novak, M. J., Chung, M. L., & Moser, D. K., (November 2013). "An intervention to reduce sodium intake can lower blood pressure in adults with multiple cardiovascular risk factors living in a rural austere environment." 2013 Scientific Sessions of the American Heart Association, American Heart Association, Dallas, TX.

Chung, M. L., Lennie, T. A., Biddle, M. J., **Mudd-Martin, G.**, Bailey, A. L., Casey, B. R., Novak, M. J., & Moser, D. K., (November 2013). *Cardiovascular risk reduction in rural family caregivers: Evidence of effectiveness despite caregiver demands.* 2013 Scientific Session of the American Heart Association, American Heart Association, Dallas, TX.

Mudd-Martin, G., Martinez, M. Rayens, M.K., Gokun, Y., & Meininger, J. (October 2013). *Cardiovascular disease and type 2 diabetes risk reduction among Latinos: Integrating genomic and family history education into a healthy lifestyle intervention.* Poster presentation at the International Society of Nurses in Genetics Conference, Washington, DC.

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., (September 2013). *Depression is associated with high risk of poor diet quality in rural adults with multiple cardiovascular risk factors.* Ninth International Nursing Conference, Seoul, Korea.

- Mudd-Martin, G.**, Chung, M., Frazier, S. K., Lennie, T. A., Biddle, M. J., Bailey, A. L., Casey, & B., Novak, M. J., & Moser, D. K. (November 2012). *Family history of cardiovascular disease in a first degree relative is associated with high risk profile, but not healthier lifestyle*. Paper presented at Scientific Sessions 2012. American Heart Association, Los Angeles, CA.
- Chung, M. L., Lennie, T. A., **Mudd-Martin, G.**, Frazier, S. K., Biddle, M. J., Casey, B., Bailey, A. L., Novak, J. M., & Moser, D. K. (November 2012). *Family caregivers have greater risk of depression and cardiovascular disease than non-caregivers in rural Kentucky*. Paper presented at Scientific Sessions 2012. American Heart Association. Los Angeles, CA.
- Chung, M. L., Lennie, T. A., **Mudd-Martin, G.**, Biddle, M., & Moser, D. K. (November 2012). *Depressed rural residents are at high risk of cardiovascular disease*. Paper presented at Scientific Sessions 2012. American Heart Association. Los Angeles, CA.
- Lennie, T. A., Frazier, S. K., Biddle, M., Novak, M. J., Casey, B., **Mudd-Martin, G.**, & Moser, D. K. (November 2012). *Fatalism does not decrease effectiveness of interventions to improve cardiovascular health*. Poster presented at Scientific Sessions 2012. American Heart Association. Los Angeles, CA.
- Moser, D.K., Lennie, T.A., Biddle, M.J., **Mudd-Martin, G.**, Casey, B., Bailey, A., Frazier, S.K., & Novak, M.J. (November 2012). *The cardiovascular risk profile of Appalachians living in an austere environment*. Paper presented at Scientific Sessions, 2012. American Heart Association, Los Angeles, CA.
- Mudd, G.** (October 2009). *Spanish translation of the Family Healthware™ Tool to assess cardiovascular disease and type 2 diabetes risk among Latinas*. Podium presentation at the International Society of Nurses in Genetics Conference, San Diego, CA.

National

- *Adegboyega, A. & **Mudd-Martin, G.** *Social support and Pap test uptake among sub-Saharan African immigrant women* (September 2019). American Association for Cancer Researchers (AACR), San Francisco, CA.
- Rishel Brakey, H., Rhyne, R., Bilheimer, A.K., Greiner, A., Larson, R. & **Mudd-Martin, G.** *Expanding our reach through the Rural Health Research Network*. 2019 WONCA World Rural Health Conference, NM.
- Abraham, C., Kelly, S., Wantland, D., Chung, M. **Mudd-Martin, G.**, Biddle, M., & Moser, D.K. (June, 2019). *Factors influencing cardiovascular risk and health perception among Kentuckians living in Appalachia*. Academy Health Annual Research Meeting, Washington, D.C.
- Koempel, A., Plasencia, J., **Mudd-Martin, G.**, & Brewer, D. (2019). *Produce to the people: Increasing food access and physical activity in Appalachian Kentucky*. Food and Nutrition Conference and Expo. Philadelphia, PA.
- Mudd-Martin, G.**, Lennie, T., Chung, M.L., & Moser, D. (September 2018). *Genetic variants and cardiovascular disease risk in an Appalachian population*. Paper presented as part of a symposium titled Precision Health: Using Genetics to Guide Symptom Management. 2018 State of the Science Congress on Nursing Research: Precision Health, Washington, D.C.

- Mottaleb, M. A., Petriello, M., Moser, D. K., **Mudd-Martin, G.**, Hennig, B., & Morris, A. J. (December 2017). *Circulating levels of per-and polyfluoroalkyl substances in subjects undergoing behavioral/lifestyle based interventions for cardiovascular disease risk reduction*. Superfund Research Program, National Institute of Environmental Health Sciences, Bethesda, MD.
- Vitori, T., Frazier, S. K., Moser, D. K., Biddle, M. J., & **Mudd-Martin, G.** (July 2015). *The psychometric properties of the BSI anxiety and hostility scales in a prison population*. National Nurse Practitioner Symposium, Keystone, CO.
- *Milam, A., Ebersole, J. L., Moser, D. K., & **Mudd-Martin, G.** (April 2014). *Implications of tooth loss for increased cardiovascular disease risk*. Poster presented at the National Conference of Undergraduate Research, Lexington, KY.
- *Voigts, K., Moser, D. K., Lennie, T. A., & **Mudd-Martin, G.** (April 2014). *Family history of hypertension is associated with personal hypertension risk*. Poster presented at the National Conference of Undergraduate Research, Lexington, KY.
- Vitori, T., Frazier, S. K., Moser, D. K., Biddle, M. J., & **Mudd-Martin, G. T.** (April 2014). *Hostility does not predict recurrent acute coronary syndromes or mortality in patients with coronary heart disease*. Preventive Cardiovascular Nurses Association, Atlanta, GA.
- Mudd, G.** (September 2010). *Cardiovascular disease and type 2 diabetes prevention among Latinas*. Paper presented at the Council for the Advancement of Nursing Science 2010 State of the Science Congress on Nursing Research; Washington, DC.
- Mudd, G.** (October 2008). *Use of cognitive interviewing in the development of culturally and linguistically appropriate healthcare measurement instruments*. Paper presented at the American Public Health Association Annual Meeting and Exposition; San Diego, CA.
- Solomon, T. & **Mudd, G.** (June 2001). *Community assessment along the Texas-Mexico border*. Paper presented at the First National Conference on Community Health Workers; South Padre Island, TX.

Regional

- *Nguyen, M., Lennie, T.L., Chung, M.L., Moser, D.K., & **Mudd-Martin, G.** (October 2019). *The HeartHealth lifestyle intervention improves diet quality in Appalachian adults regardless of depressive symptoms*. Presentation at the 2019 Summit of the Appalachian Translational Research Network, Columbus, OH, peer-reviewed/refereed.
- *Smith, J. L., Estus, S., Lennie, T. A., Chung, M. L., & **Mudd-Martin, G. T.** (February 2019). *TAS2R38 haplotype predicts 24-hour urinary sodium excretion in patients with heart failure and their family caregivers*. Podium presentation at the 2019 Southern Nursing Research Society Annual Conference, Southern Nursing Research Society, Orlando, FL, peer-reviewed/refereed.
- Petriello, M.C., Mottaleb, A., Kraemer, M., **Mudd-Martin, G.**, Moser, D.K., & Morris, A.J. (October 2018). *Exposure to per- and poly-fluoroalkyl substances is positively associated with serum cholesterol in a population undergoing a heart healthy intervention trial and is dependent on effectiveness of treatment*. Poster presentation at the 2018 Summit of the Appalachian Translational Research Network, Lexington, KY, peer-reviewed/refereed.

- Petriello, M.C., Mottaleb, A., Kraemer, M., **Mudd-Martin, G.**, Moser, D.K., & Morris, A.J. (September 2018). *Effect of lifestyle based lipid-lowering interventions on the relationship between circulating levels of per- and poly-fluorinated chemicals and serum cholesterol*, 21st Cardiovascular Research Day, Lexington, KY, peer-reviewed/refereed.
- *Voigts, K. & **Mudd-Martin, G.** (October 2018). *The association of inflammation and genotype with depressive symptoms in adults at risk for cardiovascular disease*. Poster presentation at the 2018 Summit of the Appalachian Translational Research Network, Lexington, KY, peer-reviewed/refereed.
- *Koonmen, L.A., **Mudd-Martin, G.**, Voigts, K., & Chung, M.L., (October 2018). *A qualitative description of facilitators and barriers to diabetic low sodium dietary adherence in patients and caregiver dyads*. Poster presentation at the 2018 Summit of the Appalachian Translational Research Network, Lexington, KY, peer-reviewed/refereed.
- *Adegboyega, A.O, Chung, M.L., Lennie, T. A., Moser, D. K., & **Mudd-Martin, G.** (February 2016). *Psychometric testing of an instrument to measure cardiovascular disease fatalism*. Podium presentation at the 2016 Southern Nursing Research Society Annual Conference, Southern Nursing Research Society, Williamsburg, VA, peer-reviewed/refereed. (*Selected Top Ten Student Abstracts.*)
- *Smith, J., Lennie, T., Chung, M., & **Mudd-Martin, G.** (February 2016). *Dietary sodium intake is predicted by anti-hypertensive medication regimen in heart failure patients*. Poster presentation at the 2016 Southern Nursing Research Society Annual Conference, Southern Nursing Research Society, Williamsburg, VA, peer-reviewed/refereed.
- *Milam, A., Moser, D. K., Abshire, D., & **Mudd-Martin, G.** (February 2015). *Tooth loss is associated with increased risk for cardiovascular disease*. Podium presentation at the 2015 Southern Nursing Research Society Annual Conference, Southern Nursing Research Society, Tampa, FL, peer-reviewed/refereed. (*Awarded 3rd Place for Student Presentations.*)
- *Voigts, K., Moser, D. K., Lennie, T. A., & **Mudd-Martin, G.** (February 2015). *Parental history of hypertension increases personal risk of hypertension*. Poster presented at the 2015 Southern Nursing Research Society Annual Conference, Southern Nursing Research Society, Tampa, FL, peer-reviewed/refereed.
- Vitori, T., Frazier, S. K., Moser, D. K., Biddle, M. J., & **Mudd-Martin, G.** (February 2014). *Hostility does not predict recurrent acute coronary syndromes or mortality in patients with coronary heart disease*. 2014 Southern Nursing Research Society Annual Conference, Southern Nursing Research Society, San Antonio, TX, peer-reviewed/refereed.
- Mudd, G. T.**, Williams, P., Frazier, L., & Moser, D. K. (February 2012). *Stewardship methods for genetic biobanking in community based research*. Poster presented at the Southern Nursing Research Society conference; New Orleans, LA.
- *Malof, R. & **Mudd, G. T.**, and Moser, D. K. (February 2012). *Perceived barriers to communication with health providers and influences on health services in Appalachian communities*. Poster presented at the Southern Nursing Research Society conference; New Orleans, LA.

- *Martha, S. & **Mudd, G. T.** (February 2012). *Methodologies for the use of saliva in genetic and genomic nursing research: A state of the science review*. Poster presented at the Southern Nursing Research Society conference; New Orleans, LA.
- Mudd, G.** (February 2010). *Depression, stress, tobacco dependence, and cessation*. Poster presented at the Southern Nursing Research Society conference; Austin, TX.
- Mudd, G.** (February 2008). *Development of a Spanish-language genetic knowledge instrument*. Poster presentation at the Southern Nursing Research Society conference; Birmingham, AL.
- Mudd, G.** (February 2007). *Barriers to US Hispanic utilization of genetic testing*. Poster presented at the Southern Nursing Research Society conference; Galveston, TX.

Local

- *Voigts, K., & **Mudd-Martin, G.** (March 2019). *A Systematic Review of Instruments to Measure Ethnic discrimination in Hispanic adults*. Podium presentation at the Center for Clinical and Translational Science Annual Conference.
- *Nguyen, M. N., Voigts, K., & **Mudd-Martin, G.** (April 2019). *Factors associated with the Life's Simple 7 diet score: Results from a study of cardiovascular health in U.S. Hispanics*. Podium presentation at the University of Kentucky Showcase of Undergraduate Scholars; Lexington, KY.
- *Nguyen, M. N., Voigts, K., & **Mudd-Martin, G.** (March 2019). *The effects of acculturation and length of stay in the U.S on Life's Simple 7 score: Results from a study of cardiovascular health in Hispanics*. Poster presentation at the Center for Clinical and Translational Science Annual Conference.
- Koonmen, L.A., & **Mudd-Martin, G.**, Voigts, K., & Chung, M. L. (March 2019). *Preliminary results of a qualitative study to examine the barriers, facilitators, motivators, and strategies to dual low sodium-diabetic diet adherence in patient-caregiver dyads*. Poster presentation at the Center for Clinical and Translational Science Annual Conference.
- *Smith, J., Lennie, T., Chung, M., & **Mudd-Martin, G.** (April 2016). *Dietary sodium intake is predicted by anti-hypertensive medication regimen in heart failure patients*. Podium presentation at the University of Kentucky College of Nursing Scholarship Showcase; Lexington, KY. (Awarded 1st Place for PhD Student Posters.)
- *Milam, A., Ebersole, J. L., Moser, D. K., & **Mudd-Martin, G.** (April 2014). *Implications of tooth loss for increased cardiovascular disease risk*. Paper presented at the University of Kentucky College of Nursing Scholarship Showcase; Lexington, KY.
- *Voigts, K., Moser, D. K., Lennie, T. A., & **Mudd-Martin, G.** (April 2014). *Family history of hypertension is associated with personal hypertension risk*. Poster presented at the University of Kentucky College of Nursing Scholarship Showcase; Lexington, KY.
- Vitori, T., Frazier, S. K., Moser, D. K., Biddle, M. J., & **Mudd-Martin, G.**, (February 2013). 22nd Annual Nursing Research Papers Day, "Hostility does not predict recurrent acute coronary syndromes or mortality in patients with coronary heart disease."

- *Malof, R., **Mudd, G. T.**, & Moser, D. K. (January 2012). *Perceived barriers to communication with health providers and influences on health services in Appalachian communities*. Poster presented at Posters-at-the-Capitol; Frankfort, KY.
- Sutherland, C.T., Morford, L. A., & **Mudd, G.**, Moser, D.K., Novak, M.J. & Hartsfield, J.K. (April 2011). *Analysis of single nucleotide polymorphisms in the JNK and IKK β genes and implications in the development of the metabolic syndrome*. Poster presented at the University of Kentucky 6th Annual CCTS Spring Conference 2011: Appalachian Health Summit, Lexington, KY.
- *Martha, S.R., **Mudd, G.T.**, & Moser, D.K. (March 2011). *Influences on dietary behaviors among rural southeastern Kentucky community members*. Poster presented at the University of Kentucky College of Nursing Scholarship Showcase; Lexington, KY.
- *Malof, R., **Mudd, G.T.**, & Moser, D.K. (March 2011). *Perceptions of barriers to communication with health providers and influences on health outcomes in rural southeastern Kentucky*. Poster presented at the University of Kentucky College of Nursing Scholarship Showcase; Lexington, KY.
- *Moore, A., & **Mudd, G.T.** (March 2010). *Effects of community health worker programs on reducing cardiovascular disease among U.S. Latinos: A review of the literature*. Poster presented at the University of Kentucky College of Nursing Scholarship Showcase; Lexington, KY.

Presentations, Invited

International

- Mudd-Martin, G.** (November 2019). *Corazón de la Familia (Heart of the Family): A family dyad intervention guided by the Life's Simple 7*. Invited presentation at the 2019 American Heart Association Scientific Sessions; Philadelphia, PA.
- Mudd-Martin, G.** (November 2018). *Reducing cardiovascular disease and type 2 diabetes health inequities through community-based participatory research with the Latino community*. Invited presentation at the 2018 American Heart Association Scientific Sessions; Chicago, IL.
- Mudd-Martin, G.** (August 2018). *Gender/race disparities in the context of precision medicine*. Invited presentation at the American Heart Association's 2018 Research Leaders Academy; Salt Lake City, UT.
- Mudd-Martin, G.** (November 2017). *Precision medicine: Insights into opportunities and challenge of research and practice*. Invited presentation at the Cardiovascular and Stroke Nursing Early Career sessions, 2017 American Heart Association Scientific Sessions; Anaheim CA.

National

- Mudd-Martin, G.** (September 2019). *Establishing and sustaining rural health research networks*. Invited presentation for the Leaders meeting of the Center for Translational Science Association, Washington, D.C.

Mudd-Martin, G., Kitzman, P., and Kern, P. (September 2019). *The Appalachian Translational Research Network: Catalyzing translational research to improve health across the region.* Invited presentation for the Leaders meeting of the Center for Translational Science Association, Washington, D.C.

Mudd-Martin, G. (March 2018). *Building research collaborations to address health disparities across Appalachia: The Appalachian Translational Research Network.* Invited presentation for the Partners for the Advancement of Community Engaged Research (PACER); PACER meeting presentation.

Mudd, G. (September 2012). *Facing the front line: Use of community health workers.* Presentation at the Heart Failure Society of America; Seattle, WA.

Mudd, G. (October 1998). *Developing a network of care: Health and colonia residents along the Texas-Mexico border.* Presentation at the National Border Health Conference of Catholic Health Care Administrators; McAllen, TX.

Local

Mudd-Martin, G. (August 2019). *Community health workers: Transforming health care and health delivery systems.* Invited presentation, Center for Health Services Research; Lexington, KY.

Mudd-Martin, G. (July 2019). *Improving health through health equities research.* Invited talk for the Area Health Education Centers Health Researchers Youth Academy

Mudd-Martin, G. (October 2019). *Community-academic partnerships to reduce cardiovascular disease and type 2 diabetes risk in Latinx communities.* SCORE! Seminars for Collaborative Opportunities for Research; Lexington, KY

Mudd-Martin, G. (October 2018). *Engaging with communities to reduce health disparities.* Invited presentation for the 2018 5th Annual St. Claire Research Day; Morehead, KY.

Mudd-Martin, G., & Psychogios, Apostolos (April 2018). *Cardiovascular genetics in the era of precision medicine.* Saha Cardiovascular Research Center Seminar Series; Lexington, KY

Mudd-Martin, G. (February 2018). *Engaging communities in translational research to enhance health equity.* SCORE! Seminars for Collaborative Opportunities for Research; Lexington, KY

Mudd-Martin, G., & Li, Edwin (September 2017). *Exploring STEM career paths and their related skills.* Preparing Science Professionals Symposium; Lexington, KY

Mudd-Martin, G., Martin, Rosa, & Sarah Hesler (September 2017). *Recruitment of Latino/Hispanic research participants: Community collaborations.* Center for Clinical and Translational Science, Clinical Research Update Presentation; Lexington, KY

Mudd-Martin, G. (March 2017). *Reducing health disparities among Latinos/Hispanics through community-based participatory research.* Center for Clinical and Translational Science 12th Annual Spring Conference; Lexington, KY

- Mudd-Martin, G.,** Milam, A., & Voigts, K. (October 2015). *Novel approaches to the reduction of cardiovascular disease risk: Genomics, family history, and oral health.* Faculty/Undergraduate Research Intern Presentation; Lexington, KY.
- Mudd-Martin, G.** (March 2014). *Gene-environment interactions regulate cardiovascular disease inflammation.* Center for the Biologic Basis of Oral/Systemic Diseases Scientific Advisory Committee; Lexington, KY.
- Mudd-Martin, G.** (May 2012). *Integration of genetics across the curriculum.* University of Kentucky College of Nursing Eighth Annual Faculty Development Workshop, Lexington, KY.
- Mudd-Martin, G.** (March 2011). *Challenges and opportunities in community-based biobehavioral research.* Invited presentation for the University of Kentucky College of Nursing Brown Bag Series, Lexington, KY.
- Mudd, G.** (April 2008). Speaker for induction ceremony for the Delta Psi chapter of Sigma Theta Tau.
- Mudd, G.** (March 2006). *The role of genetics in psychiatric nursing.* Presentation at the Tenth Annual Advanced Psychiatric Nursing Practice Conference; Louisville, KY.
- Mudd, G.** (June 2005). *Cancer genetics.* Presentation at the Center for Cancer Nursing Education and Research. Cancer Nursing Fellowship Program; Louisville, KY.
- Mudd, G.,** & Solomon, T. (February 2001). *A qualitative assessment of promotora programs in the Texas Lower Rio Grande Valley.* Presentation at the Lower Rio Grande Valley Community Health Assessment Conference; Harlingen, TX.

Professional Service

American Heart Association

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|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2019-2020 | AHA Genomics and Precision Medicine Council, lead on workgroup on Disparities in Genomics and Genetic Research |
| 2019-2021 | AHA Genomics and Precision Medicine Council, member of the Awards and Recognition Committee |
| 2019-2021 | AHA Genomics and Precision Medicine Council, member of the Professional Education and Publications Committee, reappointment |
| 2019-2021 | AHA Cardiovascular and Stroke Nursing Leadership Council, member of the Scientific & Clinical Education Lifelong Learning Committee (SCILL) , reappointment |
| 2020 | AHA Career Development grants, primary reviewer |
| 2019 | The AHA Institute for Precision Cardiovascular Medicine grants, primary reviewer |
| 2017-2019 | AHA Genomics and Precision Medicine Council, member of the Professional Education and Publications Committee, reappointment |
| 2017-2019 | AHA Cardiovascular and Stroke Nursing Leadership Council, |

	member of the Scientific & Clinical Education Lifelong Learning Committee (SCILL)
2015-2017 & 2017-2019	AHA Cardiovascular and Stroke Nursing Leadership Council, Liaison to the AHA Genomics and Precision Medicine Council
2016-2018 & 2018-2020	AHA Functional and Translational Genetics and Biology Council, member of the Professional Education and Publications Committee
2010 – 2014	Workgroup on policy development for genetics and cardiovascular disease

Appalachian Translational Research Network (2016-present)

2017-2020	Appalachian Translational Research Network Chair-elect, chair, immediate past chair Lead for the University of Kentucky
2019	Appalachian Translational Research Network Annual Summit Planning committee member & lead for the University of Kentucky
2017-2018	Appalachian Translational Research Network, chair elect & lead for the University of Kentucky
2018	Appalachian Translational Research Network Annual Summit planning committee, chair
2017	Appalachian Translational Research Network Annual Summit planning committee, member & lead for the University of Kentucky
2017	Appalachian Translational Research Network Annual Summit Session lead planner and moderator: Community Engaged Research Strategies Across Appalachia

International Society of Nurses in Genetics (ISONG) (2004-present)

2009 – present	Research committee, member (co-chair, 2009 – 2012)
2015 – 2017	Board of Directors, Member-At-Large
2011 – 2012	ISONG 2012 Conference co-chair
2009 – present	ISONG annual grant awards, primary reviewer
2004 – 2006	Education committee, member
2004 – 2007	International relations committee, member

International Society of Nurses in Genetics/American Nurses Association Workgroup (2011-2014)

2011 – 2014	Workgroup for redevelopment of the Genetics/Genomics Nursing Scope and Standards of Practice
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Nurse Scientist Translational Research Interest Group (NS-TRIG)

- 2014 – 2015 Workgroup on Nursing Biobanking
2010 – 2012 Workgroup on Nursing Biobanking, co-lead

Southern Nursing Research Society (2007-present)

- 2011 – 2012 Southern Nursing Research Society Biobehavioral-Salimetrics
Distinguished Student Scholar Award, primary reviewer
2009 Southern Nursing Research Society Conference research abstracts, primary
Reviewer

National Conference of Undergraduate Research

- 2014 Conference session moderator

Genetic Nursing Credentialing Commission (2005-2011)

- 2005 – 2011 Committee on non-clinical genetic nurse credentialing/fellowship

American Public Health Association (2008-2010)

- 2008 – 2010 Genomics Forum, member
2008 – 2009 Genomics Forum, Special projects committee, member
2008 – 2009 Genomics Forum, Health Policy Working Group, member

University of Louisville Center for Genetics in Molecular Medicine

- 2003 – 2004 Education and community outreach committee, member

Professional Service - Editorial

Guest Editor

- 2017 – 2018 Issue Editor. Genetics and Genomics in Nursing Science. *Biological
Research in Nursing.*

Manuscript Reviewer

- 2018 – present Biological Research of Nursing
2018 – present Journal of Transcultural Nursing
2018 – present Journal of Racial and Ethnic Health Disparities
2016 – present Western Journal of Nursing Research
2015 – present Journal of Community Genetics
2012 – present Journal of Cardiovascular Nursing
2014 International Journal of Environmental Health Research

2012 Journal of Genetic Counseling
2011 Patient Preference and Adherence
2009 – 2010 Field Methods

Book Reviewer

Jones-Zchaebitz, E. and Lancaster, J. Genomics in public health nursing (2012). In M. Stanhope & J. Lancaster (Eds.) Public Health Nursing: Population Centered Health Care in the Community. Elsevier, Maryland Heights, MO, pp. 241-253.
Kenner, C. & Lewis, J. A. (Eds.) (2012). Genetics and Genomics for Nursing. Upper Saddle River, NJ: Prentice Hall.

University of Kentucky Service

09/01/19 – present Health Care Colleges Code Appeals Board, University of Kentucky
07/01/17 – 06/30/20 University of Kentucky Faculty Senate
07/01/17 – 06/30/20 Research and Graduate Education Committee of the UK Faculty Senate
08/01/17 – 07/30/19 University of Kentucky Markey Cancer Center Community Advisory Board, Lexington, KY.
06/15/18– 07/30/19 University of Kentucky Health Disparities Research Building Steering Committee
09/01/2017–07/30/19 University of Kentucky Superfund Center. Advisor to the Community Engagement Core, Lexington, KY.
09/01/17 – 08/15/18 University of Kentucky Cardiovascular Research workgroup, Precision Medicine lead
09/01/12 – 08/31/17 Senate Advisory Committee on Faculty Code
09/01/12 – 08/31/16 University Undergraduate Education Council
09/01/10 – 08/31/12 Health Care Colleges Committee
Fall 2011 University of Kentucky Area Health Education Center Annual Cultural Competence Conference, panel member
Fall 2009 – Spring 2010 Center for Clinical and Translational Research Grant Review Panel Member, University of Kentucky, primary reviewer

College of Nursing Service

07/01/19-present PhD Program Committee, chair
07/01/18-06/30/19 PhD Program Committee, chair elect
07/01/17-06/30/18 PhD Program Committee, member

04/01/18-present	Faculty Search Committee, member
04/01/17-present	RICH Writing Institute, faculty
08/01/16-07/31/17	Undergraduate Program Committee, chair elect
08/01/09-08/01/16	Undergraduate Program Committee, member
2010	Podium presentation reviewer, UK CON Student Scholarship Showcase
2010	Ecuadoran nursing exchange program assistance
2009 – 2011	Undergraduate Program Curriculum Taskforce, member
2008 – 2010	Undergraduate Student Admission and Progression Committee, member
2008 – 2011	Review Committee for Student Background and Admissions, member
2008 – present	Graduate faculty
2008	Poster presentation reviewer, UK CON Student Scholarship Showcase
2007 – present	Undergraduate student advising
2007 – 2009	Student Orientation Task Force, member
2007 – 2009	Undergraduate Nursing Honors Committee, member

Public Service

2019	Unmeeting on Rural Health and Health Equity, steering committee. NIH National Center for Advancing Translational Science Awards. Hosted by University of Florida Clinical and Translational Science Institute and the Institute of Food and Agricultural Sciences.
2019-2020	Appalachian Translational Research Network, Immediate past-chair
2018-2019	Appalachian Translational Research Network, Chair
2017-2018	Appalachian Translational Research Network, Chair-elect
2006 – 2010	La Casita Center Board of Directors, Louisville, KY.
2010	Presentation on cardiovascular disease prevention among Latinos. Community Health Worker training program, North Central Area Health Centers, Lexington, KY.
2010	Presentation on cardiovascular health and blood pressure measurement. Community Health Worker training program. North Central Area Health Centers, Lexington, KY.
2009	English-as-a-Second-Language services, UK-CON representative, Lexington, KY.
2009	Presentation on cardiovascular disease prevention among Latinos. Community Health Worker training program. North Central Area Health Centers, Lexington, KY.

2008 Presentation on cardiovascular disease prevention among Latinos. Community Health Worker training program. North Central Area Health Centers, Lexington, KY.

Teaching

Years	Course Name	Level of Students	Role
2018 –	Research Design & Methods: Qualitative, Quantitative and Mixed Methods (NUR 765 [previously 792])	PhD students	Didactic
2017 –	Measurement of Nursing Phenomena (NUR 793)	PhD students	Didactic
2007 – 2018	Public Health Nursing (NUR 883/NUR 403)	Baccalaureate students	Coordinator, didactic
2008 – 2012	Special Topics in Nursing (NUR 882)	Baccalaureate students	Research intern mentor
2009	Synthesis of Clinical Knowledge for Nursing Practice (NUR 886)	Baccalaureate students	Preceptor
2007 – 2008	Clinical Reasoning: Quantitative, Qualitative and Epidemiological Approaches (NUR 872)	RN-BSN students	Coordinator, didactic
2007 – 2008	Psychiatric Mental Health Nursing (NUR 881)	Baccalaureate students	Didactic

Doctoral Student Advising

Student	Degree Awarded	Dissertation
<i>Chair</i>		
Natalie Hawes	In progress (began fall 2019)	Effectiveness of a family-based healthy lifestyle intervention for pediatric oncology patients
Salman Alreshidi	In progress (began spring 2017)	Organ donation: Understanding nurses communication needs when working with potential donors
Leigh Anne Koonmen	In progress	Effective approaches to improve prevention and management of type 2 diabetes

Kaitlin Voigts	Spring 2020, University of Kentucky, PhD	Interactions between experiences of discrimination and genes and impact on chronic disease risk
Arica Brandford	Spring 2019, University of Kentucky, PhD	Influence of perceived racism on depression in African American nurses
Jennifer Smith	Spring 2018, University of Kentucky, PhD	Influences of polymorphisms of the PAV haplotype on adherence to low sodium diet among heart failure patients

Member

Chin-Yen Lin	In progress	
Fatema Alsada	In progress	Type 2 diabetes prevention in Saudi Arabia
Witt, Cheryl	2019, University of Kentucky, PhD	Depressive symptoms among farmwomen age 50 years and older.
Majdi Rababa	2018, University of Kentucky, PhD	Social support, relationship quality, and self-care behaviors in patients with heart failure
Quentin Moore	2017, University of Kentucky, PhD	Developing a predictive model for prostate cancer screening intent
Adebola Adegboyega	2017, University of Kentucky, PhD	Determinants of Pap screening among Sub-Saharan African Immigrant women
Demetrius Abshire	2014, University of Kentucky, PhD	Cardiovascular disease risk factors among emerging adults in college

External examiner

Yuriko Katsumata	2017, University of Kentucky, PhD	Genetic association with dementia
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Undergraduate Research Internships, Primary Mentor

Allison Rupp	Spring 2019 – Spring 2020	Research Intern, College of Nursing	<i>Family support for physical activity enhances time spent in activity</i>
Mai N. Nguyen	Spring 2018 – Spring 2019	Research Intern, College of Arts and Sciences	<i>Life's Simple 7 and Cardiovascular Health in U.S. Hispanics</i>
Sarah Schmitke	Fall 2016 – Spring 2017	Research Intern, College of Nursing	<i>Healthy Eating Patterns Reduce Cardiovascular Disease Risk</i>
Alexandra	Fall 2013 –	Research Intern,	<i>Associations between Oral Health</i>

Milam	Spring 2015	College of Nursing	<i>Status and Cardiovascular Disease Risk</i>
Kaitlin Voigt	Fall 2013 – Spring 2015	Research Intern, College of Nursing	<i>Associations between Family History of Hypertension and Personal Risk of Hypertension</i>
Hillary Nolan	Fall 2013 – Spring 2015	Research Intern, College of Nursing	<i>Depression, Inflammation, and Cardiovascular Disease Risk</i>
Jessica Sorrel	Fall 2013 – Spring 2014	Scholars Intern, College of Nursing	<i>Utilization of Interpreter Resources at University of Kentucky HealthCare</i>
Julie Smith	Fall 2013 – Spring 2014	Scholars Intern, College of Nursing	<i>Utilization of Interpreter Resources at University of Kentucky HealthCare</i>
Jennifer Mesaros	Fall 2011 – Spring 2012	Research Intern, College of Nursing	<i>Client Education on Cardiovascular Disease and Family History</i>
Sarah Martha	Fall 2010 – Spring 2012	Research Intern, College of Nursing	<i>Genetic and Environmental Contributions to Cardiovascular Disease Risk</i>
Rachel Malof	Fall 2010 – Spring 2012	Research Intern, College of Nursing	<i>Health Provider Communication Influences on Health Outcomes in an Underserved Rural Community</i>
Melita Kurahovic	Fall 2010 – Spring 2011	Research Intern, College of Nursing	<i>Supporting Heart Health in Underserved Rural Communities</i>
Moore, Amanda	Spring 2009 – Spring 2011	Research Intern, College of Nursing	<i>Efficacy of Community Health Workers on Reducing Cardiovascular Disease Risk among U.S. Latinos</i>

CV Revised June 2020