

CURRICULUM VITAE

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Education and Training

Undergraduate

1961-1966 Loyola University Chicago, IL BSN
Nursing

Graduate

1976-1978 University of California Los Angeles, CA MN
Cardiovascular Nursing
Graduated "Thesis with Distinction"

1990-1997 University of Pittsburgh School of Nursing Pittsburgh, PA PhD
Nursing

1992-1998 University of Pittsburgh Graduate School of Public Health Pittsburgh, PA MPH
Epidemiology

Post-Graduate

1997-99 University of Pittsburgh School of Medicine, Department of Psychiatry Pittsburgh, PA Postdoctoral Fellow,
Cardiovascular Behavioral Medicine,
NIH T32 Fellowship Program

2000, June University of Pittsburgh Pittsburgh, PA Fellow, Chancellor's Diversity Seminar
(2 weeks)

Appointments and Positions

Academic

Primary appointments

2008-2009	Department of Health & Community Systems, University of Pittsburgh School of Nursing Pittsburgh, PA	Interim Vice Chairperson
2006-present	Department of Health & Community Systems, University of Pittsburgh School of Nursing Pittsburgh, PA	Full Tenured Professor
1999-2006	Department of Health & Community Systems, University of Pittsburgh School of Nursing Pittsburgh, PA	Associate Professor Graduate Faculty – taught master’s and doctoral level research courses
1993-1997	University of Pittsburgh School of Nursing Pittsburgh, PA	Graduate Student Researcher, Project Director NHLBI-funded trial
1990-1993	University of Pittsburgh School of Nursing Pittsburgh, PA	Graduate Student Researcher, Project and Data Manager NINR-funded trial
1976-1977	UCLA, Cardiology and School of Nursing Los Angeles, CA	Research Associate I AHA-funded trial (part-time)

Adjunct/Secondary Appointments

2018-present	Dept of Biobehavioral Nursing and Informatics, University of Washington Seattle, WA	Affiliate Professor
2009-present	Clinical & Translational Sciences Institute, University of Pittsburgh	Professor
2006-present	Department of Epidemiology University of Pittsburgh Graduate School of Public Health Pittsburgh, PA	Professor
2003-2006	Department of Epidemiology University of Pittsburgh Graduate School of Public Health Pittsburgh, PA	Associate Professor
1982-1990	University of California, LA School of Nursing	Assistant Clinical Professor (graduate student preceptor,

	Los Angeles, CA	lecturer)
1986-1988	University of Southern California, Dept of Nursing, Los Angeles, CA	Clinical Assistant Professor of Nursing
1983-1991	California Medical Center Los Angeles, CA	Staff Privileges
1984-1986	Southern California Center for Medical Fitness (Phase IV Cardiac Rehabilitation Program) Los Angeles, CA	Program Director (part-time)
1976-1980	YMCardiac Therapy Program Westside YMCA (Phase IV Cardiac Rehabilitation) Los Angeles, CA	Supervisor I (part-time)
Non-Academic		
1982-1990	Collaborative Practice in Cardiology, Los Angeles Associate: M. J. Wong, MD	Cardiovascular Clinical Specialist
1978-1982	St. Vincent Medical Center Los Angeles, CA	Department Manager, Program Director Cardiac Rehabilitation
1975-1978	UCLA Medical Center Los Angeles, CA	Clinical Nurse III CCU Charge Nurse
1974-1975	Emory University Hospital Atlanta, GA	Staff Nurse, Coronary Care Unit
1970-1974	University Hospital University of Washington Seattle, WA	Cardiovascular Staff Nurse Specialist
1969-1970	Kittitas Valley Community Hospital Ellensburg, WA	Staff Nurse, ICU, CCU, ER Med-Surg Pediatric Unit
1966-1968	Bureau of Health and Medical Services, Board of Education Chicago, IL	Teacher-Nurse

Licensure and Certification

1990-present Registered Nurse License #: 308009-L Pennsylvania

Membership in Professional and Scientific Societies

1970-present	American Heart Association (AHA)
1976-present	Scientific Council on Cardiovascular Nursing, AHA
1980	Assembly Delegate, Council on Cardiovascular Nursing, Miami
1981	Alternate Delegate, Council on Cardiovascular Nursing, Assembly, Dallas, TX
1981-1983	Member-At-Large, Executive Committee, Council on Cardiovascular Nursing
1983-1986	Member, Program Committee Council on Cardiovascular Nursing
1986-1988	Chair, Program Committee, Council on Cardiovascular Nursing
1986-1988	Member, Executive Committee, Council on Cardiovascular Nursing
1986-1988	Member, Committee on Scientific Sessions Program
1985-1988	Member, Subcommittee on Exhibits, Scientific Sessions Program
1987-1988	Membership Committee, Council on Cardiovascular Nursing
1987-1990	Affiliate Representative, Council on Cardiovascular Nursing
1989	Member, Task Force, National Cholesterol Education Program for Nurses, AHA & NHLBI
1989	Chair, Committee to Write Handbook, <i>Cholesterol Education Program for Nurses</i> , AHA and NHLBI
1989-1990	Member, Primary Faculty, Nurses Cholesterol Education Program
1992-1996	Member, Working Group & Advisory Panel, Cardiovascular Disease Risk Factor Education Program for Health Care Professionals
1994-1995	Member, Hyperlipidemia Counseling Task Force
1996-1997	Member, Planning Committee, Scientific Conference on Obesity and Cardiovascular Disease, Scientific Councils, AHA
1997-1999	Co-Chair, Planning Committee, AHA Sponsored Scientific Conference on Compliance in Healthcare and Research, Boston
1998-2001, 01-03	AHA Representative to the Board of Directors, National Council on Patient Information and Education (two terms)
1998-2003	Member, Pharmaceutical Roundtable of AHA
1998-2002, 02-04	Member, Prevention Subcommittee, Council on Cardiovascular Nursing (3 terms)
2006-2008	Member, Compliance Tools Task Force
1998	Member, Compliance Tools Task Force
2000-2002, 02-04	Member, Nominating & Awards Committee, Council on Cardiovascular Nursing (2 terms)
2001-2002	Member, Health Education System, Steering Committee Task Force
2001-2002	Chair, Committee to Plan Second Scientific Conference on Compliance in Healthcare & Research; Conference May 17-19, 2004, Washington, DC.

2003-2004	Member, Concurrent Session Planning Committee, 5th Annual Scientific Conference on Outcomes Research, May 15-17, 2004, Washington, DC
1990-present	Member, Scientific Council on Epidemiology & Prevention, AHA
2000-present	Member, Scientific Council on Nutrition, Physical Activity, and Metabolism, AHA; renamed Council on Lifestyle and Cardiometabolic Health in 2013
2003-2005	Member, Obesity Committee, Scientific Council on Nutrition, Physical Activity, and Metabolism (NPAM)
2004-2005	Chair-elect, Obesity Committee, NPAM Council
2003	Represented AHA at the USDHHS, Food and Drug Administration, FDA Public Meeting on Obesity, NIH, Bethesda, MD, October 23, 2003.
2004-2005	Member, Program Planning Committee, Scientific Conference on Food Intake, Obesity, and Heart Disease
2003	Member, Expert Panel on Strategic Plan for Obesity
2005-2007	Chair, Obesity Committee, NPAM
2005-present	Member, Leadership Committee, NPAM Council
2005-2007	Liaison to the Council on Cardiovascular Nursing, from the Obesity Committee, NPAM Council
2005-2007	Liaison, Evidence-based Behavioral Medicine Council of Society of Behavioral Medicine to the Council on Cardiovascular Nursing, AHA
2007-2011	Co-Chair, Steering Committee for Manuscript Writing Group for AHA Scientific Statement, <i>Interventions to Promote Physical Activity and Dietary Lifestyle Changes for Cardiovascular Risk Reduction in Adults</i> .
2007-2009	Immediate Past Chair, Obesity Committee, NPAM Council
2008-2010	Vice-Chair and Chair-Elect, NPAM Council
2008-2009	Member, Spring Conference Program Committee, NPAM Council, Chair, Behavioral Program Sub-Committee
2008-2010	Member, Leadership Committee, Council of Epidemiology and Prevention (Liaison from NPAM)
2008-2010, 2010-2012	Member, Manuscript Oversight Committee, AHA
2009-2010	Member, Manuscript Writing Group for AHA Statements: <i>Parents as Agents of Change (childhood obesity); New and Emerging Strategies for the Management of Adult Obesity in Ambulatory Settings; Value of Primordial and Primary Prevention</i>
2010-2012, 2013	Member, Council Operations Committee, AHA
2010-2012	Member, Scientific Advisory and Coordinating Committee
2010-2012	Chair, NPAM Council, renamed Council on Lifestyle & Cardiometabolic Health in 2013
2010-2014	Mentor/Sponsor, Early Career Committee –established committee
2011-2012	Chair, Young Investigator Award Review Committee
2012-2014	Immediate Past Chair, NPAM Council
2012-2014	Chair, NPAM Council Nominating Committee

2012-2014	Vice-Chair, Committee on the Science of Behavior Change, NPAM and EPI/Prevention Councils, Chair 2014-2016 (established committee while Council Vice-Chair)
2010-2013	Chair, Task Force to Change NPAM Council Name – mission accomplished after 2-yr extensive vetting process, approved by the Scientific Advisory and Coordinating Committee of AHA. New council name launched Oct 1, 2013; <i>Council on Lifestyle and Cardiometabolic Health</i> .
2011-present	Member, Manuscript Writing Groups for AHA Scientific Statements: <ul style="list-style-type: none"> - <i>Prevention of Cardiovascular Disease in People with Type 2 Diabetes in Light of New Evidence</i>, in progress - <i>Behavioral Change for CVD Risk Reduction: A Call to Action</i>, published September 2013, <i>Circulation</i> - <i>Better Population Health Through Behavior Change</i>, in progress, published 2013, <i>Circulation</i> - <i>Preventing and Experiencing Heart Disease as a Woman: State of the Science</i>, published in 2016, <i>Circulation</i> - <i>Obesity and Cardiovascular Disease, 2019-2020</i>
2013-2014	Chair of Writing Group, Scientific Statement on <i>Consumer Use of Technology for CVD Prevention</i> , EPI/Prevention Council, AHA, published 2015 in <i>Circulation</i>
2014-2016	Chair, Council Operations Committee, AHA
2014-2016	Member, Science Advisory and Coordinating Committee
2014-2016	Member, National Advocacy Committee
2014	Member, Program Planning Committee, Global Congress on Big Data, AHA Scientific Sessions, November 2014, Chicago
2014-2016	Chair, Science of Behavior Change Committee for Councils on Lifestyle & Cardiometabolic Health and EPI/Prevention
2016-2018, 2018-2020	Immediate Past Chair, Council Operations Committee, AHA, re-appointed to 2 nd term, 2018-2020
2016-2018	Immediate Past Chair, Science of Behavior Change Committee for Councils on Lifestyle & Cardiometabolic Health and EPI/Prevention, AHA
2016-2018, 2018-2020	Senior Advisor to National Early Career Committee, AHA
2018-2020	Senior Advisor, Lifestyle Council Early Career Committee, AHA
2017-2018, 2018-2022	Member, Center for Health Technology & Innovation, AHA
2016-2018, 2018-20	Member, Health Tech Advisory Group (HTAG)
2017-	Member, Program Committee, AHA Health Tech & Information for Annual Meeting, October 2017, Boston, MA Forum
2018-2020	Member, CarePlan/AHA Inside Initiative Committee (monthly meetings)
2019-2020	Invited member, Writing Group to revise Scientific Statement on “Obesity and Cardiovascular Disease”

1978-present	Gamma Tau Chapter, Sigma Theta Tau
1991-present	Eta Chapter, Sigma Theta Tau (National Honor Society of Nursing)
1990-present	Society of Behavioral Medicine (SBM)
1993-1997	Member, Student Membership Committee
2001-2002	Member, Program Planning Committee
2001-2003	Chair, Adherence in Chronic Disorders Track
2005	Chair-Elect, Membership Council
2004	Member, Board of Directors (appointed July 2005)
2001, 2004	Chair, Adherence Track for Abstract Reviews, Annual Meeting
2005-2007	Chair, Prevention Track for Abstract Reviews, Annual Meeting
2006-2009	Chair, Membership Council
2009-2012	Immediate Past Chair, Membership Council
2014-2015	ExOfficio member, Program Committee to facilitate joint programs for SBM and AHA at the 2015 meetings
1998-present	North American Society for the Study of Obesity, The Obesity Society
1999-2005	Preventive Cardiovascular Nurses Association (PCNA)
1975-1995	
2012-present	Invited member, Steering Committee for the Development of Healthy Lifestyle Toolkit
2003-present	American Nurses Association (ANA)
1978-1980	National Liaison Representative, American Nurses Association to the Council on Cardiovascular Nursing of the American Heart Association
1979-1980	Member, Program Committee, 1980 National Convention
2006-present	American Academy of Nursing
2007-2008	National Committee for Quality Assurance , Member of Cardiovascular and Obesity Risk Workgroups

Honors

1965	USPHS Nurses Traineeship
1966	Dean's Key for Outstanding Achievements in Leadership, Loyola Univ., Chicago
1976	Professional Nurse Traineeship
1977	Who's Who Among Students in American Universities and Colleges Program
1977	Reynolds Estate Scholarship
1978	Sigma Theta Tau, National Nursing Honor Society
1978	Award for Academic Distinction, UCLA, Los Angeles Alumni Association
1978	Outstanding Student Award, Graduate Students in Nursing, UCLA
1978	Graduate Student Speaker, UCLA, Nursing, Pre-Commencement Ceremony
1979	Honorable Mention for Master's Thesis Research National Competition for Outstanding Research in Services to the Handicapped, UCLA, Los Angeles, CA
1984	Excellence in Clinical Practice, Gamma Tau Chapter, Sigma Theta Tau
1986	Honorary Nursing Practice Award, American Nurses Association
1989	Award of Meritorious Achievement, American Heart Association

1990, 1991	California Nurses Association, Region 6, Gannon Nursing Education Scholarship
1990	Fellow, Council on Cardiovascular Nursing, American Heart Association (FAHA)
1995	Eta Chapter, Sigma Theta Tau, Ruth Perkins Kuehn Award
1998	New Investigator Award, Council on Cardiovascular Nursing, American Heart Association
1999	Second Place, Research Presentation, Eastern Nursing Research Society
2004	Leadership in Research Award, Sigma Theta Tau, Eta Chapter
2006	Nominated for Dean's Distinguished Teaching Award
2006	Fellow, American Academy of Nursing (FAAN)
2008	Recognized for Outstanding Achievements by Women Faculty in Medicine and Science, University of Pittsburgh Health Science Schools
2009	Fellow, Society of Behavior Medicine
2009	Recipient, Distinguished Service Award, Society of Behavior Medicine
2009	Recognized by UCLA SON as one of 60 Notable Graduates in 60 th Anniversary Program
2010	Appointed by Vice-Chancellor, Health Sciences Ambassadors Program
2010-2013	Appointed Member, Clinical and Integrative Diabetes and Obesity Study Section for Scientific Review, NIH
2010	Recipient, K. Lembright Award for recognition of contribution through cardiovascular research, American Heart Association, Scientific Council on Cardiovascular Nursing
2012	Recipient, Distinguished Alumni Award, University of Pittsburgh School of Nursing
2013-14	Nominated by SON for University of Pittsburgh Chancellor's Research Award
2015	Recipient, Pennsylvania Nightingale Research Award
2016	Recipient, Pioneer Award for Excellence in eHealth/mHealth Research, The Obesity Society mHealth Interest Group
2016	Recipient, Distinguished Achievement Award, AHA Scientific Council on Lifestyle and Cardiometabolic Health, American Heart Association
2019	Nominated for Healthcare Professional of the Year, American Heart Association National Award, re-nominated for 2020
2022	Recognized as Highly Cited Researcher, Expertscape PubMed-based algorithm, placed in the top 1% of scholars writing about Obesity over the past 10 years.

Publications

Refereed Articles (*=data based, §=senior author)

1. *Scalzi, C.C., **Burke, L.E.**, & Greenland, P. (1980). Evaluation of an inpatient educational program for coronary patients and families. *Heart and Lung*, 9, 846-853.
2. **Burke, L.E.** (1981). Learning and retention in the acute care setting. *Critical Care Quarterly*, 4, 67-73.
3. **Burke, L.E.** (1983). The clinical nurse specialist in collaborative practice. *Momentum*. American Nurses Association, Council of Clinical Nurse Specialists, 1(2).
4. **Burke, L.E.** (1984). Current concepts in cardiac rehabilitation. *Occupational Health Nursing Journal*, 29, 41-47.

5. **Burke, L.E.** (1987). Risk factor modification in the prevention of coronary heart disease. *Journal of Cardiovascular Nursing*, 1, 67-75.
6. **Burke, L.E.** (1990). The Nurses' Cholesterol Education Program. *Progress in Cardiovascular Nursing*, 5.
7. **Burke, L.E.** (1991). Dietary treatment of hyperlipidemia. *Journal of Cardiovascular Nursing*, 5, 23-33.
8. **Burke, L.E.**, & Dunbar-Jacob, J. (1995). Adherence to medication, diet, and activity recommendations: From assessment to maintenance. *Journal of Cardiovascular Nursing*, 9, 62-79. PMID: 9197995.
9. **Burke, L.E.**, Dunbar-Jacob, J., & Hill, M.N. (1997). Compliance with cardiovascular disease prevention strategies: A review of the research. *Annals of Behavioral Medicine*, 9(3), 239-263. PMID: 9603699; DOI: 10.1007/BF02892289.
10. ***Burke, L.E.** (1999). Achieving dietary adherence. *Weight Control Digest*, 9(5), 843, 850-851.
11. *Smith, C.F., **Burke, L.E.**, & Wing, R.R. (2000). Vegetarian and weight loss diets among young adults. *Obesity Research*, 8(2), 123-129. PMID: 10757198; DOI: 10.1038/oby.2000.13.
12. *Smith, C.F., Williamson, D.A., Womble, L.G., Johnson, J., & **Burke, L.E.** (2000). Psychometric development of a multidimensional measure of weight-related attitudes and behaviors. *Eating and Weight Disorders*, 5(2), 73-86. PMID: 10941605.
13. *Bohachick, P., **Burke, L.E.**, Sereika, S., Murali, S., & Dunbar-Jacob, J. (2002). Adherence to angiotensin converting enzyme inhibitor therapy for heart failure. *Progress in Cardiovascular Nursing*, 17, 160-166. PMID: 12417831.
14. ***Burke, L.E.**, Dunbar-Jacob, J., Sereika, S., & Ewart, C.K. (2003). Development and testing of the Cholesterol-Lowering Diet Self-Efficacy Scale. *European Journal of Cardiovascular Nursing*, 2(4), 265-273. PMID: 14667482; DOI: 10.1016/S1474-5151(03)00093-8.
15. **Burke, L.E.** (2003). Primary prevention in patients with a strong family history of coronary heart disease. *Journal of Cardiovascular Nursing*, 18(2), 139-143. PMID: 12680573.
16. **Burke, L.E.**, & Fair, J. (2003). Promoting prevention: Skill sets and attributes of health care providers who deliver behavioral interventions. *Journal of Cardiovascular Nursing*, 18(4), 256-266. PMID: 14518601.
17. *Dunbar-Jacob, J., Holmes, J.L., Sereika, S., Kwoh, C.K., **Burke, L.E.**, Starz, T.W., McCall, M., & Foley, S. (2004). Factors associated with attrition of Black Americans during the recruitment phase of a clinical trial examining adherence among individuals with rheumatoid arthritis. *Arthritis Care and Research*, 51(3), 422-428. PMID: 15188328; DOI: 10.1002/art.20411.
18. Klein, S., **Burke, L.E.**, Bray, G., Blair, S., Alison, D., Pi-Sunyer, X., Hong, Y., & Eckel, R.H. (2004). Clinical implications of obesity with specific focus on cardiovascular disease: A

Statement for Professionals from the American Heart Association Council on Nutrition, Physical Activity and Metabolism. *Circulation*, 110, 2952-2967. PMID: 15509809; DOI: 10.1161/01.CIR.0000145546.97738.1E.

19. ***Burke, L.E.**, Dunbar-Jacob, J., Orchard, T.J., & Sereika, S. (2005). Improving adherence to a cholesterol-lowering diet: A behavioral intervention. *Patient Education & Counseling*, 57, 134-142. PMID: 15797163; DOI: 10.1016/j.pec.2004.05.007.

NOTE: yellow highlights refer to papers related to my work on self-monitoring, aqua highlight refers to my work on using mobile technology to assess behavior or to deliver interventions.

20. ***Burke, L.E.**, Warziski, M., Starrett, T., Choo, J., Music, E., Sereika, S., Stark, S., & Sevick, M.A. (2005). **Self-monitoring dietary intake**: Current and future practices. Report of a pilot study using an electronic diary. *Journal of Renal Nutrition*, 15(3), 281-290. PMID: 16007557.
21. *§Sevick, M.A., Piraino, B., Sereika, S., Starrett, T.J., Bender, C., Bernardini, J., Stark, S., & **Burke, L.E.** (2005). A pilot study of **PDA-based dietary self-monitoring in hemodialysis patients**. *Journal of Renal Nutrition*, 15(3), 304-311. PMID: 16007560.
22. Fletcher, B., & Berra, K. (Eds.). Ades, P., Braun, L., **Burke, L.E.**, Durstine, L., Fair, J., Fletcher, G.F., Goff, D., Hayman, L.L., Hiatt, W., Houston Miller, N., Kraus, R., Kris-Etherton, P., Ridker, P., Stone, N., Wilterdink, J., & Winston, M. (2005). Management of abnormal blood lipids: A collaborative approach. AHA Scientific Statement. *Circulation*, 112, 3184-3209 and *Journal of Cardiovascular Nursing*. PMID: 16286609; DOI: 10.1161/CIRCULATIONAHA.105.169180.
23. *Senuzun Ergun, F., Fadiloglu, C., **Burke, L.E.**, & Payzin, S. (2006). Effects of home-based cardiac exercise program on the exercise tolerance, serum lipid values and self-efficacy of coronary patients. *European Journal of Cardiovascular Prevention and Rehabilitation*, 13, 640-645. PMID: 16874157; DOI: 10.1097/01.hjr.0000198445.41680.ec.
24. ***Burke, L.E.**, Choo, J., Music, E., Warziski, M., Styn, M.A., Kim, Y., & Sevick, M.A. (2006). PREFER Study: A randomized clinical trial testing treatment preference and two dietary options in behavioral weight management: Rationale, design and baseline characteristics. *Contemporary Clinical Trials*, 27, 34-48. PMID: 16233990; DOI: 10.1016/j.cct.2005.08.002.
25. ***Burke, L.E.**, Sereika, S., Choo, J., Warziski, M., Music, E., Novak, J., & Stone, A. (2006). **Ancillary Study to the PREFER Trial: A descriptive study of participants' patterns of self-monitoring: Rationale, design and preliminary experiences**. *Contemporary Clinical Trials*, 27, 23-33. PMID: 16311076; DOI: 10.1016/j.cct.2005.10.006.
26. **Burke, L.E.**, Schlenk, E., Sereika, S., Cohen, S., Happ, M.B., & Dorman, J. (2006). Developing research competence to support evidence-based practice. *Journal of Professional Nursing*, 21(6), 358-363. PMID: 16311231; DOI: 10.1016/j.profnurs.2005.10.011.
27. ***Burke, L.E.**, Kim, Y., Ergun, F.S., Choo, J., Sereika, S., Music, E., & Dunbar-Jacob, J. (2006). Evaluation of the Cholesterol-Lowering Diet Self-Efficacy Scale-Short Form.

European Journal of Cardiovascular Nursing, 5, 264-274. PMID: 16690358; DOI: 10.1016/j.ejcnurse.2006.03.005.

28. ***Burke, L.E.**, Styn, M.A., Music, E., Warziski, M., & Choo, J. (2006). PREFER study: a randomized clinical trial testing treatment preference and two dietary options in behavioral weight management – preliminary results of the impact of diet at six months. *Obesity*, 14, 2007-2017. PMID: 16233990; DOI: 10.1016/j.cct.2005.08.002.
29. *Choo, J. **Burke, L.E.**, & Hong, K.P. (2007). Improved quality of life with cardiac rehabilitation for post myocardial infarction patients in Korea. *European Journal of Cardiovascular Nursing*, 6, 166-171. PMID: 16931161; DOI: 10.1016/J.EJCNURSE.2006.07.004.
30. ***Burke, L.E.**, Hudson, A.G, Warziski M.T., Styn, M.A., Music, E., Elci, O.U., & Sereika, S.M. (2007). Effects of a vegetarian diet and treatment preference on biological and dietary variables in overweight and obese adults: a randomized clinical trial. *American Journal of Clinical Nutrition*, 86, 588-96. PMID: 17823421; DOI: 10.1093/ajcn/86.3.588.
31. ***Burke, L.E.**, Sereika, S.M., Music, E., Warziski, M., Styn, M.A., & Stone, A. (2008). Using Instrumented Paper Diaries to Document Self-Monitoring Patterns in Weight Loss, *Contemporary Clinical Trials*, 29, 182-193. PMID: 17702667; PMCID: PMC2435095; DOI: 10.1016/j.cct.2007.07.004.
32. ***Burke, L.E.**, Warziski, M., Styn, M.A., Music, E., Hudson, A.G., & Sereika, S.M. (2008). A Randomized Clinical Trial of a Standard versus Vegetarian Diet for Weight Loss: The Impact of Treatment Preference, *International Journal of Obesity*, 32, 166-176. PMID: 17700579; DOI: 10.1038/sj.ijo.0803706.
33. *§Sevick, M.A., Korytkowski, M., Piraino, B., Sereika, S., Mihalko, S., Zickmund, S., Snetselaar, L., Stumbo, P., Hausmann, L., Ren, D. Marsh, R., Sakraida, T. Gibson, J., Safaien, M., Starrett, T.J., & **Burke, L.E.** (2008). Design, feasibility, and acceptability of an intervention using personal digital assistant-based self-monitoring in managing type 2 diabetes. *Contemporary Clinical Trials*, 29, 396-409. PMID: 17997364; PMCID: PMC2701552; DOI: 10.1016/j.cct.2007.09.004.
34. ***Burke, L.E.**, Steenkiste, A., Music, E. & Styn, M. (2008). A descriptive study of individuals' past experience with weight loss treatment, *American Journal of the Dietetic Association*, 108, 640-647.
35. *§Warziski, M., Sereika, S.M., Styn, M.A., Music, E., & **Burke, L.E.** (2008). Changes in self-efficacy and dietary adherence: the impact on weight loss in the PREFER study. *Journal of Behavioral Medicine*, 31, 81-92. PMID: 17963038; DOI: 10.1007/s10865-007-9135-2.
36. *Cha, EunSeok., Kim, K.H., & **Burke, L.E.** (2008). Psychometric validation of a Condom Self-Efficacy Scale in Korean. *Nursing Research*, 57, 245-251. PMID: 18641493; DOI: 10.1097/01.NNR.0000313492.02530.d2.
37. *§Sevick, M.A., Stone, R., Novak, M., Piraino, B., Snetselaar, L. Marsh, R.M., Hall, B., Lash, H., Bernardini, J., & **Burke, L.E.** (2008). A PDA-based dietary self-monitoring intervention

- to reduce sodium intake in an in-center hemodialysis patient: A case study. *Journal of Patient Preference and Adherence*, 2, 177-184. PMID: 19920960; PMCID: PMC2770424.
38. §Warziski, M.T., Yang, K., Hravnak, M., Sereika, S.M., Ewing, L.J. & **Burke, L.E.** (2009). Randomized clinical trials of weight-loss maintenance: A review. *Journal of Cardiovascular Nursing*, 24 (1), 58-80. PMID: 19114803; PMCID: PMC2676575; DOI: 10.1097/01.JCN.0000317471.58048.32.
 39. ***Burke, L.E.**, Swigart, V., Derro, N., Warziski-Turk, M. & Ewing, L. (2009). Experiences of self-monitoring: Narratives of success and struggle during treatment for obesity. *Qualitative Health Research*, 19, 815-828.
 40. *§Chasens E.R., Sereika S.M., & **Burke L.E.** (2009). Daytime sleepiness and functional outcomes in older adults with diabetes. *The Diabetes Educator*, 35, 455-464. PMID: 19366861; DOI: 10.1177/0145721709333857.
 41. Lewis, C.E., McTigue, K.M., **Burke, L.E.**, Poirier, P., Eckel, R.H., Howard, B.V., Allison, D, Kumanyaka, S., & Pi-Sunyer, F.X. (2009). Mortality, Health outcomes, and body mass index in the overweight range: A Science Advisory from the American Heart Association. *Circulation*, 119, 3263-3271. PMID: 19506107; DOI: 10.1161/CIRCULATIONAHA.109.192574.
 42. Poirier, P., Alpert, M.A., Fleisher, L.A., Thompson, P.D., Sugerman, H., **Burke, L.E.**, Stitzel, K., Marceau, P., & Franklin, B. (2009). The cardiovascular evaluation and assessment of morbidly obese patients: Pre-operative consultation and post-operative management. *Circulation*, 120, 86-95.
 43. §Garand, L., Matthews, J., Courtney, K.L., Davies, M., Lingler, J.H., Schlenk, E.A., Yang, K., Bender, C.M., & **Burke, L.E.** (2010). Development and use of a tool to guide junior faculty in their progression toward promotion and tenure, *Journal of Professional Nursing*, 26(4), 207-213. PMID: 20637442; PMCID: PMC3085879; DOI: 10.1016/j.profnurs.2010.01.002.
 44. *§Yang, K., Chasens, E., Sereika, S.M., & **Burke, L.E.** (2009). Revisiting the association between cardiovascular risk factors and diabetes: Data from a large population-based study. *The Diabetes Educator*, 35(5), 770-777. PMID: 19541852; PMCID: PMC2894805; DOI: 10.1177/0145721709338528.
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119. **Burke, L.E.**, Ye, L., Zheng Y., Imes, C.C., Strollo, P., Loar, I., Danford, C.A., & Chasens, E. (2014). The Prevalence of OSA among Participants in a Weight Loss Study. T-2146-P. Poster session presented at the meeting of The Obesity Society, Boston, MA.
120. **Burke, L.E.**, Ye, L., Zheng Y., Imes, C.C., Danford, C.A., Hu, L., Goode, R.W., Mattos, M., & Ewing, L.J. (2014). How does Self-Monitoring with a Mobile Device Affect Weight Maintenance over the Holidays? The Obesity Society, T-2145-P. Poster session presented at the meeting of The Obesity Society, Boston, MA.
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122. Mancino, J., Ye, L., Zheng Y., Music, E., Hall, B., Loar, I., Klingensmith, K., Ewing, L.J., & **Burke, L.E.** (2014). How Does Frequency of Intervention Sessions Affect Weight Change over the Holidays? The Obesity Society, T-2103-P. Poster session presented at the meeting of The Obesity Society, Boston, MA.
123. Goode, R.W., Ye, L., Sereika, S.M., Zheng, Y., Mattos, M., Acharya, S.D., Ewing, L.J., Danford, C.A., Hu, L., Imes, C.C., Chasens, E. Osier, N., Mancino, J., & **Burke, L.E.** (2014). Baseline Socio-demographic, Anthropometric, and Psychosocial Predictors of Attrition across Behavioral Weight- Loss Trials. The Obesity Society, T-2082-P. Poster session presented at the meeting of The Obesity Society, Boston, MA.
<https://guidebook.com/guide/23140/poi/2325409/>
124. **Burke, L.E.**, Ewing, L.J., Shiffman, S., Siewiorek, D., Smailagic, A., Kriska, A., & Rathbun, S. (2015). Day to Day Variation in Self-Efficacy Associated with Weight Loss and Risk of Dietary Lapses. *Circulation* (Vol. 131, pp. AP117). Poster session presented at the meeting of American Heart Association’s Epidemiology and Lifestyle and Cardiometabolic Health Councils, Baltimore, MD.
125. Zheng, Y., Sereika, S.M., Ewing, L.J., Danford, C.A., Rockette-Wagner, B., Imes, C.C., Hu, L., Sun, R., **Burke, L.E.** (2015). Changes in Physical Activity by Self-Weighing Trajectory Groups. *Circulation*, 131(Suppl 1), AP118. Poster session presented at the meeting of American Heart Association’s Epidemiology and Lifestyle and Cardiometabolic Health Councils, Baltimore, MD.
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127. Imes, C.C., Ye, L., Zheng, Y., Mancino, J., Danford, C.A., Mattos, M., Music, E., Mendez, D.D., Lu, H., Ewing, L.J., Sereika, S.M., & **Burke, L.E.** (2015). Mean Daily Pedometer Step Count is Associated with Weight Loss. *Circulation*, 131(Suppl 1), AP110. Poster

session presented at the meeting of American Heart Association's Epidemiology and Lifestyle and Cardiometabolic Health Councils, Baltimore, MD.

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132. Zheng, Y., Sereika, S.M., Ewing, L.J., Danford, C.A., Terry, M.A., Imes, C., Goode, R.W., Mendez, D.D., Mattos, M., Lu, H., Ran, S., & **Burke, L.E.** (2016). Is Self-efficacy Associated with Patterns of Self-weighing Behavior? *Circulation*, 133(Suppl), AP245. Poster session presented at the meeting of American Heart Association's Epidemiology and Lifestyle and Cardiometabolic Health Councils, Phoenix, AZ.
133. Mendez, D.D., Rathbun, S.L., Ma, Q., Goode, R.W., Zheng, Y., Mattos, M., Imes, C., Danford, C.A., Sereika, S.M., Lu, H., & **Burke, L.E.** (2016). Neighborhood Grocery Store Density is Associated with Daily Self-efficacy Among Individuals Enrolled in a Behavioral Weight Loss Intervention Study. *Circulation*, 133(Suppl), A40. talk at the meeting of American Heart Association's Epidemiology and Lifestyle and Cardiometabolic Health Councils, Phoenix, AZ.
134. Rockette-Wagner, B., Kriska, A.M., Ma, Q., Sereika, S.M., Imes, C.C., Kline, C., & **Burke, L. E.** (2016). Objectively Measured Physical Activity and Sedentary Behavior Change During a Lifestyle Intervention in Overweight Adults: Does Season Matter?. *Circulation*, 133 (Suppl), AP248. Poster session presented at the meeting of American Heart Association's Epidemiology and Lifestyle and Cardiometabolic Health Councils, Phoenix, AZ.
135. **Burke, L.E.**, Shiffman, S., Siewiorek, D., Smailagic, A., Kriska, A., Ewing, L.I., Mancino, J.M., & Rathbun, S.L. (2016). Triggers of Temptations and Urges Do Not Change During a

- 12-Month Behavioral Intervention for Weight Loss. *Circulation*, 133(Suppl), AP251. Poster session presented at the meeting of American Heart Association's Epidemiology and Lifestyle and Cardiometabolic Health Councils, Phoenix, AZ. \
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 137. **Burke, L.E.**, Shiffman, S., Ewing, L., Zheng, Y., Mancino, J.M., & Rathbun, S. (2016). Patterns of weight change in a 12-month behavioral weight loss. *Annals of Behavioral Medicine*, 50(Suppl 1), S139. Paper presented at the 37th Annual Meeting & Scientific Sessions of the Society of Behavioral Medicine, Washington, DC.
 138. Goode, R., Ma, Q., Sereika, S.M., Hu, L., Mancino, J.M., Mattos, M.K., Mendez, D., Imes, C.C., Danford, C, Zheng, Y. & **Burke, L. E.** (2016). Black-white differences in self-efficacy and weight change in a 12-month behavioral weight loss program. *Annals of Behavioral Medicine*, 50(Suppl 1), S183, Paper session 27. Paper presented at the 37th Annual Meeting & Scientific Sessions of the Society of Behavioral Medicine, Washington, DC.
 139. Hu, L., Lingler, J., Sereika, S.M., **Burke, L.E.**, Malchano, D., Dabbs, A.D., & Dew, M.A. (2016). Nonadherence to the medical regimen after lung transplantation. *Annals of Behavioral Medicine*, 50(Suppl 1), S335. Paper presented at the 37th Annual Meeting & Scientific Sessions of the Society of Behavioral Medicine, Washington, DC.2016
 140. Hu, L., Ma, Q., Sereika, S.M., Imes, C.C., Zheng, Y., Mattos, M.K., & **Burke, L.E.** (2016). Using smartphone self-monitoring app improves weight loss in a 12-month behavioral weight loss trail. *Annals of Behavioral Medicine*, 50(Suppl 1), S24. Paper presented at the 37th Annual Meeting & Scientific Sessions of the Society of Behavioral Medicine, Washington, DC.
 141. Mattos, M.K., Ma, Q., Sereika, S.M., Imes, C.C., Hu, L., Mancino, J.M., & **Burke, L.E.** (2016). Change in health literacy in a 12-week mHealth weight loss treatment pilot feasibility study. *Annals of Behavioral Medicine*, 50(Suppl 1), S259. Paper presented at the 37th Annual Meeting & Scientific Sessions of the Society of Behavioral Medicine, Washington, DC.
 142. Mori, A., Mattos, M.K., & **Burke, L.E.** (2016). Cell phone use among adults participating in a study requiring extensive smartphone use. *Annals of Behavioral Medicine*, 50(Suppl 1), S259. Paper presented at the 37th Annual Meeting & Scientific Sessions of the Society of Behavioral Medicine, Washington, DC.
 143. Zheng, Y., Terry, M., Danford, C., Ewing, L., Sereika, S.M., Goode, R., & **Burke, L.E.** (2016). Experiences of daily weighing during a 12-month weight loss program. *Annals of Behavioral Medicine*, 50(Suppl 1), S261. Paper presented at the 37th Annual Meeting & Scientific Sessions of the Society of Behavioral Medicine, Washington, DC.

144. Ma, Q., Sereika, S.M., Marsh, G.M., & **Burke, L.E.** (2016). When is the Ideal Time to Boost Dietary Self-Monitoring in the Prevention of Weight Regain? Poster presented at the AHA Scientific Sessions, Nov 2016, New Orleans, LA, *Circulation*, 134(Suppl), A19852
145. Hu, L., Lingler, J.H., Sereika, S.M., **Burke, L.E.**, Malchano, D.K., DeVito Dabbs, A., Dew, M.A. (2016). Nonadherence to the Medical Regimen after Lung Transplantation. *Annals of Behavioral Medicine*, 50(Suppl 1), S335
146. Goode, R.W., Kalarchian, M.A., Conroy, M.B., Craighead, L., Sereika, S., Mattos, M., Zheng, Y., Mancino, J., & **Burke, L.E.** (2017). Feasibility of an Appetite Awareness Intervention to Reduce Cardiovascular Disease Risk Factors and Binge Eating in African-American Women with Obesity. *Circulation*, 135 (Suppl), AMP004. Moderated poster presented at meeting of American Health Association's Epidemiology and Lifestyle Cardiometabolic Health Councils, Portland, OR.
147. Imes, C.C., Kline, C.E., Rockette-Wagner, B., Baniak, L.M., Mendez, D.D., Chasens, E.R., Sereika, S.M., & **Burke, L.E.** (2017). Bi-directional relationship between sleep and sedentary behavior in adults who are overweight and obese. *Circulation*, 135(Suppl 1): AMP028.
148. **Burke, L.E.**, Sereika, S., Imes, C., Baniak, L., Mendez, D.D., Stollo, P., Ye, L., & Chasens, E. (2017). Sleep Apnea is Reduced Following a Behavioral Weight Loss Intervention but Impedes Weight Loss Outcomes. *Circulation*, 135 (Suppl), AMP089. American Heart Association Epi/Lifestyle Scientific Meeting. March 7-10, 2017. Portland, Oregon.
149. **Burke, L.E.**, Shiffman, S., Mendez, D.D., Chasens, E., Smailagic, A., Siewiorek, D., Ewing, L., Mancino, J., & Rathbun, S. (2017). Impact of Location and Social Context on the Probability of a Dietary Lapse Among Adults in Weight Loss Treatment. *Circulation*, 135 (Suppl), AP132. American Heart Association Epi/Lifestyle Scientific Meeting. March 7-10, 2017. Portland, Oregon.
150. Kline, C.E., **Burke, L.E.**, Sereika, S.M., Imes, C.C., Baniak, L.M., Mendez, D.D., Stollo, P.J., Ye, L., & Chasens, E.R. (2017). Sleep apnea is reduced following a behavioral weight loss intervention but impedes weight loss outcomes. *Circulation* 2017, 135(Suppl 1): AMP089.
151. Kline, C.E., Stollo, P.J., Chasens, E.R., Rockette-Wagner, B., Kriska, A.M., Imes, C.C., Sereika, S.M., & **Burke, L.E.** (2016) Associations between sleep and changes in activity and barriers to healthy eating following a 12-month behavioral weight loss intervention. *Med Sci Sports Exerc* 2016; 48(5S):S8.
152. Goode, R.W., Kalarchian, M.A., Conroy, M., Craighead, L., Wallace, J., Jackson F.L., & **Burke, L.E.** (2016). The Feasibility of a Binge Eating Intervention in Overweight and Obese African-American Women. Poster presented at the African-American Collaborative Obesity Research Network Biennial Meeting, Philadelphia, PA
153. **Burke, L.E.**, Chasens, E., Imes, C., Kline, C., Stollo, P., Baniak, L., Mendez, D., & Rathbun, S. (April 2017). Does Quality of Sleep Affect Self-Efficacy for Adhering to a

- Healthy Lifestyle Plan? *Annals of Behavioral Medicine*, 51(Suppl 1). 38th Annual Society for Behavioral Medicine Scientific Meeting. March 29-April 1, 2017. San Diego, CA.
154. Zheng, Y., Sereika, S.M, Ma, Q., Imes, C.C., Yu, Y., Sun, R., Goode, R.W., Mancino, J.M., & **Burke, L.E.** (April 2017). Patterns of Total and Saturated Fat Consumption and their Associations With Weight Changes over a 12-month Weight Loss Study. *Annals of Behavioral Medicine*, 51(Suppl 1). Poster presented at the 38th Annual Meeting & Scientific Sessions of the Society of Behavioral Medicine, San Diego, CA.
 155. Sun, R., Rohay, J.M., Yu, Y., Sereika, S.M., Kariuki, J., & **Burke, L.E.** (April 2017). Psychometric Evaluation of the Barriers to Healthy Eating Scale in Four Weight Loss Studies. *Annals of Behavioral Medicine*, 51(Suppl 1). (Presented on April 1, 2017), Poster presentation at the 38th Annual Meeting & Scientific Sessions of the Society of Behavioral Medicine, San Diego, California.
 156. Yu, Y., Rohay, J.M., Sereika, S., Sun, R., Kariuki, J., & **Burke, L.E.** (2017). Psychometric Evaluation of the Abstinence Efficacy Scale among Obese Population. *Annals of Behavioral Medicine*, 51(Suppl 1). (March, 2017). Poster presentation at the 38th Annual Meeting & Scientific Sessions of the Society of Behavioral Medicine, San Diego, California.
 157. Kline, C.E., **Burke, L.E.**, Zheng, Y., Sereika, S.M., Imes, C.C., Mendez, D.D., Rockette-Wagner, B.J., Strollo, P.J., Rathbun, S.L., & Chasens, E.R. Adults with obstructive sleep apnea have lower adherence to weight loss behaviors in a behavioral weight loss intervention. *Circulation*, March 2018;137(Suppl 1):AP338. Presented as a poster at the American Heart Association Epidemiology & Prevention/Lifestyle & Cardiometabolic Health Scientific Sessions (New Orleans, LA), March 20-23, 2018.
 158. Imes, C.C., Kline, C.E., Mendez, D.D., Yu, Y., Sun, R., Chasens, E.R., **Burke, L.E.**, & Rathbun, S.L. Impaired nighttime sleep negatively affects next-day physical activity: results from an ecological momentary assessment study. *Circulation*, March 2018;137(Suppl 1):AP278. Presented as a poster at the American Heart Association Epidemiology & Prevention/Lifestyle & Cardiometabolic Health Scientific Sessions (New Orleans, LA).
 159. Kariuki, JK, Gibbs BB, Davis KK, Mecca LP, Hayman LL, **Burke LE.** (Sept 2018): Web-Based Exercise Programs: The African Americans' Needs. The State of the Science Congress on Precision Health organized by the Council for the Advancement of Nursing Science, Washington DC.
 160. Zheng, Y., Sereika, S. M., **Burke, L. E.**, Olgin, J. E., Marcus, G. M., Aschbacher, K., Tison, G. H. & Pletcher, M. J. (March 2018). Temporal Patterns of Self-Weighing Behavior and Weight Loss in the Health eHeart Study. *Circulation*, 2018, 138 (Suppl 1), A10962.
 161. Zheng, Y., Winger, K., Gregas, M.C., Greenberg, J., Li, Z., **Burke, L.E.**, Qi, C., Slyne, C., Greaves, T., & Munshi, M. (June 2018) Acceptability of a Self-Regulation Theory-Based mHealth Behavior Intervention for Older Adults with Type 2 Diabetes and Obesity. *Diabetes*, 67(Suppl 1). Poster presented at the 78th Annual Meeting & Scientific Sessions of the American Diabetes Association, Orlando, Florida.
 162. Imes, C.C., Kline, C.E., Mendez, D.D., Yu, Y., Sun, R., Chasens, E.R., Rathbun, S.L., & **Burke, L.E.** Subjective versus objective measures of sleep: results from an ecological

- momentary assessment study. *Circulation*, March 2019;139 (Suppl 1):AP276. Presented as a poster at the American Heart Association Epidemiology & Prevention/Lifestyle & Cardiometabolic Health Scientific Sessions (Houston, TX).
163. Zheng, Y., Imes, C.C., Sereika, S.M., Rathbun, S.L., & **Burke, L.E.** (March 2019). Temporal Associations between Lifestyle Self-efficacy and Adherence to Calorie Goal. Poster presented at the AHA EPI/LIFESTYLE 2019 Scientific Sessions, Houston, Texas.
 164. Kariuki, J., Rockette-Wagner, B, Cheng, J, **Burke, LE** Erickson, K, Mendez, D, Sereika, S M, & Barone Gibbs, B. (March 2020). Abstract MP18: Vicarious Experience Trumps Neighborhood Characteristics in Predicting Leisure-time Physical Activity in the Multi-ethnic Study of Atherosclerosis Dataset. Poster presented at the AHA EPI/LIFESTYLE 2019 Scientific Sessions, Phoenix, AZ. *Circulation*, 141(Suppl_1).
 165. Kline, CE, Bizhanova, ZH, Sereika, SM, Buysse, DJ, Imes, CS, Kariuki, JK, Mendez, DD, Chasens, ER, **Burke, LE.** (April 2020) Better Sleep Health is Associated with Greater Weight Loss during a 12-month Behavioral Weight Loss Intervention. Poster presented at the AHA EPI/LIFESTYLE 2019 Scientific Sessions, Phoenix, AZ *Circulation*, 141(Suppl_1) AMP21-AMP21. doi:doi:10.1161/circ.141.suppl_1.MP21.
 166. Kariuki, JK, Sereika, S. M., Kirk I. Erickson, Gibbs BB, **Burke LE.** (April 2020): The Active You: Technology Pilot Study Design. Presented at the NHLBI Programs to Increase Diversity among Individuals Engaged in Health-Related Research (PRIDE-CVD) webinar.
 167. Chasens, E. R., Sereika, S. M., Kortykowski, M., Stansbury, R., **Burke, L.E.**, Stollo, P. J., Bizhanova, Z., Atwood, C. W. (2020) Diabetes Sleep Treatment Trial: The effect Of treatment of OSA with CPAP on glycemic control in type 2 diabetes, *Sleep*, 43, Supplement_1, A261–A262, <https://doi.org/10.1093/sleep/zsaa056.682>. Virtual Sleep 2020 Conference.
 168. **Burke, LE**, Sereika, SM, Zhadyra, B, Parmanto, B, Kariuki, JK, Beatrice, B, Loar, I, Cheng, J, Pulantra, W, Wang, Y, Cedillo, M, Conroy, MB, (2021) Promoting Lifestyle Change via Real-Time Feedback: Short-Term Weight Loss in the SMARTER Trial. Poster presented at the AHA EPI/LIFESTYLE 2021 Virtual Scientific Session, May 20, 2021.
 169. Kariuki, J. K., **Bizhanova, Z.**, Rockette-Wagner, B., Gibbs, B. B., Sereika, S. M., Kline, C., Erickson, K., Mendez, D., Pulantara, I. W., Cheng, J., & Burke, L. E. (2021). 231-OR: Neighborhood Walkability Is Associated with Prediabetes in a Behavioral Weight Loss Study. *Diabetes*, 70(Supplement 1), 231-OR. <https://doi.org/10.2337/db21-231-or>
 170. Kariuki, J., Bizhanova, Z., Sereika, S., Conroy, M., Parmanto, B, Beatrice, B., Loar, I, Cheng, J., Pulantara, W., Wang, MSIS, Y., Cedillo, M., Singh, A., **Burke, LE.**, (2021) Neighborhood walkability is not associated with attaining recommended physical activity in a behavioral weight loss trial testing remotely delivered feedback messages. Poster presented at the AHA Scientific Sessions, Nov. 2021, Circ ...
 171. Bizhanova, Z, Sereika, S.M., Kariuki, J.K., Conroy, M.B., Brooks, M.B, Ronny Rockette-Wagner, B., Cheng, J., Beatrice, B., Loar, I., Wang, Y., Pulantara, I.W., Parmanto, B.,

Cedillo, M., **Burke, L.E.**, (2021) Initial Physical Activity Level Is a Strong Predictor of Adherence to the Physical Activity Goal: A Secondary Analysis of the SMARTER Trial, Poster presented at the AHA Scientific Sessions, Nov. 2021, Circ...

172. **Burke, L.E.**, Sereika, S.M., Bizhanova, Z., Kariuki, PhD, ^{J.K.}, Parmanto, B., Beatrice, B., I. Loar, I., Cheng, J., Pulantara, W., Wang, Y., Cedillo, M., Conroy, M.B., The SMARTER Trial: The Effect of Real-Time Feedback on Weight Loss at 12 Months, Poster presented at the AHA Scientific Sessions, Nov. 2021., Circ. 144(Suppl_1), A11441-A11441. doi: doi: 10.1161/circ.144.suppl_1.11441
173. Imes, C. C., Kline, C. E., Chasens, E .R., Bizhanova, Z, Wang, Y., Patel, S. R., Buysee, D. J., Sereika, S. M., & **Burke, L. E.** (2022). Better sleep health at baseline is associated with greater weight loss at 6 months in a technology-supported behavioral weight loss intervention trial. Podium presentation at the 2022 World Sleep Congress, Rome, Italy, March 2022. Will be published in Sleep Medicine.

Add Jess's abstracts, also rest for AHA Epi and SBM.

Group Authored Papers

1. Specialization in Nursing Practice Statement. (1984). Task Force on Specialization in Nursing Practice, California Nurses Association.
2. Nurses' Cholesterol Education Handbook. (1990). American Heart Association and National Heart, Lung & Blood Institute. (Chaired committee to write handbook.)
3. Allen, J.K., **Burke, L.E.**, McBride, P., et al. (1996). Cardiovascular Risk Factor Education Program for Health Care Professionals [lecture slide/text]. Volunteer Advisory and Working Group, American Heart Association, and National Heart, Lung, & Blood Institute.
4. Report of the 33rd Bethesda Consensus Conference. (2002, August). Preventive Cardiology: How Can We Do Better? American College of Cardiology, Bethesda, MD. Member of Panel on Compliance Issues and Behavior Changes: Achieving a Long-term Solution, 2001. (Reviewer and contributor to published manuscript). *Journal of the American College of Cardiology*, 40(4), 579-651.

Other Publications

1. **Burke, L.E.** (1984). Nursing's role in health promotion and CHD prevention. *California Nurse*, 79.
2. **Burke, L.E.** (1978). Master's Thesis: Anticipatory Grief in Spouses of the Critically Ill. University of California at Los Angeles (UCLA), Los Angeles, CA
3. **Burke, L.E.** (1997). Doctoral Dissertation: Randomized Clinical Trial of a Telephone Delivered Intervention to Improve Compliance to a Cholesterol-Lowering Diet, University of Pittsburgh, Pittsburgh, PA
4. **Burke, L.E.** (1998). MPH Thesis in Epidemiology: Factors Associated with Adherence to a Cholesterol- Lowering Diet

5. **Burke, L.E.** (1999). A report from the AHA Conference on Compliance in Healthcare and Research Conference. *The Lipid Nurse Task Force Bulletin*, 5(3), 6-7.
6. **Burke, L.E.** (2001). Report on the XXIII Congress of the European Society of Cardiology, Stockholm, Sweden. *Progress in Cardiovascular Nursing*, 16(4), 170-171.
7. Dunbar-Jacob, J., & **Burke, L.E.** (2002). A practical guide to improving adherence to lipid-lowering therapy. webn.net, Medical Education Broadcast Network, A Division of CEU-Online, Inc.
8. **Burke, L.E.**, & Turk, M.T. (2017). Addressing a major health problem from an array of perspectives. *Western Journal of Nursing Research*. Editorial, 1-5.

Book Chapters and Books

1. Scalzi, C.C., & **Burke, L.E.** (1982). Myocardial infarction: Behavioral responses of patient and spouse. In S. Underhill, S.L. Woods, E.S. Sivarajan, & C.L. Halpenny (Eds.), *Cardiac nursing* (pp.571-581). Philadelphia: Lippincott.
2. Scalzi, C.C., & **Burke, L.E.** (1982). Education of the patient and family. In S.Underhill, S.L. Woods, E.S. Sivarajan, & C.L. Halpenny (Eds.), *Cardiac nursing* (pp.582-590). Philadelphia: Lippincott.
3. **Burke, L.E.** (1982). Learning and retention in the acute care setting. In C.L. Pollack-Latham & M. Canobbio (Eds.), *Current concepts in cardiac care* (pp. 215-221). Rockville, MD: Aspen.
4. **Burke, L.E.** (1982). Nitrates. In S. Underhill, S.L. Woods, E.S. Sivarajan, & C.L. Halpenny (Eds.), *Cardiac nursing* (pp. 478- 483). Philadelphia: Lippincott.
5. **Burke, L.E.** (1982). Common noncardiac drugs used in the cardiac care unit. In S. Underhill, S.L. Woods, E.S. Sivarajan, & C.L. Halpenny (Eds.), *Cardiac nursing* (pp. 431-441). Philadelphia: Lippincott.
6. **Burke, L.E.** (1983). Education and rehabilitation of the client with CHF. In C. Michaelson (Ed.), *Care of the client with CHF* (pp. 360-377). St. Louis, MO: Mosby.
7. **Burke, L.E.**, & Frein, J. (1983). Oxygen therapy in CHF. In C. Michaelson (Ed.), *Care of the client with CHF* (pp. 299-325). St. Louis, MO: Mosby.
8. **Burke, L.E.** (1984). The clinical nurse specialist in private collaborative practice. In P. Sparacino & D. Cooper (Eds.), *Clinical nurse specialist: Impact and evaluation* (pp. 261-276). Englewood Cliffs, NJ: Prentice Hall.
9. Kadato, L.T., & **Burke, L.E.** (1989). The nitrates. In S. Underhill, S.L. Woods, E.S.S. Froelicher, C.J. Halpenny (Eds.), *Cardiac nursing* (2nd ed., pp.624). Philadelphia: Lippincott.
10. **Burke, L.E.**, & Scalzi, C.C. (1989). Behavioral response of the patient and family: Myocardial infarction and coronary artery bypass surgery. In S. Underhill, S.L. Woods, E.S.S. Froelicher, C.J. Halpenny (Eds.), *Cardiac nursing* (2nd ed., pp. 692-703). Philadelphia, PA: Lippincott.

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13. **Burke, L.E.** (1990). Cardiovascular disturbances and sexuality. In C.I. Fogel & D. Lauver (Eds.), *Sexual health promotion* (pp. 360-371). Philadelphia: Saunders.
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24. **Burke, L.E.** (1999). Adherence to cardiovascular treatment regimens. In S. Woods, E.S.S. Froelicher, & S. Underhill Motzer (Eds.), *Cardiac nursing* (4th ed., pp. 880-891). Philadelphia: Lippincott.
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27. Schlenk, E., **Burke, L.E.**, & Rand, C. (2001). Behavioral strategies to improve medication-taking compliance. In L.E. Burke & I. Ockene (Eds.), *Compliance in healthcare and research* (pp. 57-70). Armonk, NY: Futura.
28. **Burke, L.E.** (2003). Primary prevention of cardiovascular disease. In J. Trofton (Ed.), *Best practices of behavioral medicine in the management of chronic disease* (pp. 1-14). Palo Alto, CA: Institute for Disease Management.
29. **Burke, L. E.**, & Cartwright, M. A. (2004). Obesity. In S. Woods, E.S.S. Froelicher, & S. Underhill Motzer (Eds.), *Cardiac nursing* (5th ed., pp. 961-973). Philadelphia: Lippincott.
30. **Burke, L.E.**, Tschirpke, D., & Polakoski, T. (2004). Adherence to cardiovascular treatment regimens. In S. Woods, E.S.S. Froelicher, & S. Underhill Motzer (Eds.), *Cardiac nursing* (5th ed., pp. 937-947). Philadelphia: Lippincott.
31. Warziski, M., Yang, K., Choo, J., Novak, J., & **Burke, L.E.** (2007). Obesity. In D. Moser & B. Riegel (Eds.), *Cardiac nursing: A companion to Braunwald's heart disease*, St. Louis: Saunders, an imprint of Elsevier, Inc.; pp 446-462.
32. **Burke, L. E.**, Tuite, P Warziski Turk, M. (August 2009). Obesity. In S. Woods, E.S.S. Froelicher, S. Underhill Motzer and E.J. Bridges (Eds.), *Cardiac nursing* (6th Ed.) Philadelphia: Wolters Kluwer Health/Lippincott Williams & Wilkins, 861-875.
33. **Burke, L.E.**, Yang, K. and Acharya, S. (2009). Adherence to cardiovascular treatment regimens. In S. Woods, E.S.S. Froelicher, S. Underhill Motzer, and E.J. Bridges (Eds.), *Cardiac nursing* (6th ed.). Philadelphia: Wolters Kluwer Health/Lippincott Williams & Wilkins, 889-905.
34. Glanz, K., **Burke, L.E.**, & Rimer, B.K. (2012). Health Behavior Theories. In J.B. Butts and K.L. Rich (Eds), *Philosophies and Theories in Advanced Practice Nursing*.
35. **Burke, L.E.**, Froehlich, R., Zheng, Y, and Glanz, K. (2012). *Current Theoretical Basis for Nutrition Intervention and Their Uses*. In A.M. Coulson and C.J. Boushey, Eds. Nutrition in the Prevention and Treatment of Disease, 3rd edition. Elsevier, 141-155.

36. Acharya, S.D., Beatrice, B., and **Burke, L.E.** (2013) *Diet Quality and Use of a Personal Digital Assistant - Transitioning from the Standard Paper Diary to Electronic Diaries*. In V. R. Preedy, L-A Hunter and V.B. Patel (Eds.) Diet Quality-An Evidence Based Approach. Springer Vol. 2, p.353-363.
37. **Burke, L.E.** and Turk, M. W. (2013) *Obesity in S.A.* Shumaker, E. Schron, J. Ockene, & W.L. McBee (Eds.), Handbook of Health Behavior Change (4th Ed.). New York: Springer, 363-378.
38. Zheng, Y, Mancino, J, **Burke, LE**, and Glanz, K. (2017). *Current Theoretical Basis for Nutrition Intervention and Their Uses*. In A.M. Coulson and C.J. Boushey, Eds. Nutrition in the Prevention and Treatment of Disease, 4th edition. Elsevier, pp 185-201.
39. **Burke, L.E.**, Zheng, Y. and Wang, J. (2018) *Adherence* in Eds A. Christensen and E. Fisher. Principles and Concepts of Behavioral Medicine: A Global Handbook. New York: Springer, 565-593.
40. Goode, R, Yu, Yang, and **Burke, L.E.** (2018) *Obesity in S.A.* Shumaker, E. Schron, J. Ockene, & W.L. McBee (Eds.), Handbook of Health Behavior Change (5th Ed.). New York: Springer: 381-404.

Other Publications

1. **Burke, L.E.**, Scalzi, C, & et al. (1977). *As the beat goes on*. [Patient education] University of California, Los Angeles; published later by The American Heart Association, Dallas, TX.
2. **Burke, L.E.** (1980). Script writing and film editing of two pre-operative and post-operative cardiac surgery films for Stacey Keach Productions, Los Angeles, CA. Film titles: *Living Proof* and *Back in Action*.
3. **Burke, L.E.** (1983). *Collaborative Practice*. Filmed interview for continuing education series, Hospital Satellite Network, Los Angeles, CA.
4. **Burke, L.E.**, Wong, M.J., & Michaelson, E.L. (1984). *Collaborative Practice in Cardiology*. Audiocassettes for The American College of Cardiology Extended Learning (ACCEL).
5. Jasperson, L.W., & **Burke, L.E.** (1990). *Let's talk about your open heart surgery*. [Patient education book] Philadelphia: Lippincott.
6. **Burke, L.E.** (2004). *Strategies to Improve Patient Compliance*. Audiocassette for The American College of Cardiology, ACCEL tape program.
7. **Burke, L.E.** (2011). *Using Electronic Diaries to Improve Adherence to Self-Monitoring*. Audiocassette for The American College of Cardiology, ACCEL tape program.

RESEARCH

Research Traineeships Received

- 1992-1995 **Principal Investigator**, National Research Service Award, NIH, National Institute of Nursing Research, *Enhancing Self-Efficacy to Improve Dietary Adherence*. 5 F31 NR06793-03
- 1995-1997 **Principal Investigator**, Research Traineeship, American Heart Association, Pennsylvania Affiliate, *A Randomized Clinical Trial of an Intervention to Improve Adherence with a Cholesterol-Lowering Diet*.
- 1997-1999 **Recipient**, Postdoctoral Research Training Award in Cardiovascular Behavioral Medicine, University of Pittsburgh, Department of Psychiatry, NIH, NHLBI HL07560. Institutional Training Grant, PI: Karen Mathews, PhD

Grants

Principal Investigator

Eta Chapter, Sigma Theta Tau, Enid Goldberg Research Award (Intramural funding: small grant for a pilot study)

Title: *Assessing Dietary Adherence and Self-Efficacy among Patients with Hyperlipidemia*,

Period: 1992-1994

Amount: \$700

Principal Investigator

Gamma Tau Chapter, Sigma Theta Tau, University of California, Los Angeles (Small Research Grant Award)

Title: *A Randomized Trial of a Nursing Intervention to Improve Dietary Adherence*.

Period: 1995-1996

Amount: \$2,200

Principal Investigator

NIH, Agency for Health Care Policy and Research R03HS08891, Dissertation Award

Title: *Improving Adherence with a Cholesterol-Lowering Diet*

Period: 1995-1997

Amount: \$21,515

Principal Investigator

American Nurses Foundation Grant, Eastern Nursing Research Society Scholar, (Small extramural grant)

Title: *Enhancing Self-Efficacy to Improve Dietary Adherence*

Period: 1995-1996

Amount: \$2,700

Principal Investigator

Eta Chapter, Sigma Theta Tau, Enid Goldberg Research Award (Intramural grant)

Title: *A Behavioral Intervention to Improve Dietary Adherence*

Period: 1997

Amount: \$1350

Principal Investigator

University of Pittsburgh Obesity/Nutrition Research Center (NIH, NIDDK funded center, DK46204) Pilot/Feasibility Funding Program

Title: *Behavioral Strategies for Reducing Caloric and Fat Intake: Comparison of Three Approaches*

Period: 1998-1999

Amount: \$15,000

Principal Investigator

University of Pittsburgh Office of Research, Central Research Development Fund (Intramural funding)

Title: *Treatment Preference and Adherence in Weight Loss Programs*

Period: 2000-2002

Amount: \$16,000

Principal Investigator

NIH, NIDDK 1R01 DK58631

Title: *Preference and Vegetarian Diet in Weight Loss Treatment (PREFER trial)*

Period: 2001-2006 (50% effort 2001-2004, effort reduced in subsequent years)

Amount: \$1,125,000 (Direct costs only)

Principal Investigator

NIH, NINR CRCR P30 NR03924

Type: Center for Research in Chronic Disorders Small Grant Funding

Title: *Pilot Study to Determine Feasibility of Using Instrumented Paper Diary in a Weight Loss Treatment Study*

Period: 2004-2005

Amount: \$9500

Principal Investigator

NIH, NIDDK R01-DK058631-04S1

Type: Competitive Administrative Supplement, Innovative Methodology in Behavior Research

Title: *Descriptive Study of Patterns of Self-Monitoring among Weight Loss Study Participants, Ancillary study to Treatment Preference and Vegetarian Diet in Weight Loss (PREFER)*

Period: 2004-2006, Effort concurrent with PREFER

Amount: \$100,000 (Direct costs only)

Principal Investigator

Ruth E. Perkins Kuehn Award, School of Nursing, University of Pittsburgh (Intramural Grant)

Title: *Weight Cycling and Inflammation: Effect on Insulin Resistance and Atherosclerosis*

Period: 2005-2006

Amount: \$16,500

Principal Investigator

NIH, NIDDK 1 R01 DK071817

Title: *Improving Self-Monitoring in Weight Loss with Technology (SMART trial),*

Period: 2005–2010 (45% effort 2005-2007, 35% effort 2007- present)

Amount: \$1,747,319 (Direct costs only)

Administrative Supplement to grant R01 DK071817-04

Recovery Act Funds for Administrative Supplements Providing Summer Research Experience for Students and Science Educators

Amount: \$8250

Period: June-August 2009 (students continuing work and presenting findings in fall 2009)

Administrative Supplement to grant R01 DK071817-04

Recovery Act Funds requested to support Postdoctoral Fellow in Biostatistics

Amount: \$50,798

Period: Jan – Dec 2010

Principal Investigator

NIH, NINR K24 NR010742-02

Title: *Long-Term Changes in Weight and Adipokines and the Associations with Genetic Variants*

Period: 2008–2011, 50% effort

Amount: \$363,660 (Direct costs only)

Principal Investigator

NIH, NINR R01 P01 NR010949-01

Title: *Self-Efficacy Based Treatment for Long-Term Weight Loss (SELF trial)*

Period: 2008-2013, 20% effort

Principal Investigator of P01: J. Dunbar-Jacob, University of Pittsburgh School of Nursing

P01 title: *Adherence and HRQoL: Translation of Interventions*

Amount: \$468,299 (Direct costs only)

Principal Investigator: L.E. Burke, Co-PI: S. Rathbun, U of Georgia

NIH, NHLBI R01HL107370

Title: *Advancing real-time data collection with adaptive sampling and innovative technologies*

Period: 2011-2015

Amount: \$1,962,537 (Direct costs only)

ApneaLink Plus Equipment grant for assessing sleep apnea in 150 participants in the above R01 study (EMPOWER) at 3 time points, ResMed Foundation, 2012-2015.

Type: R01 HL107370-01 Research Supplements to Promote Diversity in Health-Related Research

Title: *Advancing real-time data collection with adaptive sampling and innovative technologies (EMPOWER study)*

Period: 2013-2015

Role: Primary mentor: L.E. Burke; H. Karimi, PhD is a co-mentor (Information Sciences)

Mentee and PI of Supplement: Dara Mendez, PhD, Assistant Professor, Dept of Epidemiology

Type: Claude B Pepper Center for Aging, University of Pittsburgh

Title: *Pilot Feasibility Study of Using eButton to Measure Gait and Falls among Older Adults.*

PI's: Mingui Sun, PhD, Lora E. Burke, PhD, Janice C. Zgibor, PhD

Agency: NIH P30 AG024827 Claude B Pepper Center for Aging, University of Pittsburgh

NIH P30 AG024827

September 2013. Funded Oct 2013 – Oct 2014. \$25,000.

Type: Internally funded Hub to promote development of core researchers for eventual center status

Title: *Hub for Excellence in eHealth Research*

PI: Lora E. Burke, Director

Agency: School of Nursing Dean's Fund

Period: July 2013- 2016

Principal Investigator

NIH, R01 HL131583-01A1

Title: *Promoting Lifestyle Change via Tailored mHealth to Improve Health (SMARTER Trial)*

Period: 2017-2021, 25% effort

Type: R01 HL131583-01A1S Research Supplements to Promote Diversity in Health-Related Research

Title: *Promoting Lifestyle Change via Tailored mHealth to Improve Health (SMARTER Trial)*

Period: 2019-2021

Role: Primary mentor: L.E. Burke, **Mentee and PI** of Supplement: J Kariuki, PhD, Assistant Professor, Dept of Health & Community Systems, School of Nursing

Co-Principal Investigators: Jeff Inman, PhD, Katz Graduate School of Business, Lora E. Burke PhD, MPH, School of Nursing, Micheal Spring, PhD School of Information Sciences and Bruce Rollman, MD, School of Medicine

Provost Integrative Social Science Initiative: *A Novel Interdisciplinary Initiative to Promote the Innovative Uses of Social Media and Mobile Technologies for Health at the University of Pittsburgh*

Period: 2015-2016

Amount: \$44,000

Co-Investigator:

Principal Investigator: Mary Ann Sevick, ScD, RN, University of Pittsburgh School of Medicine
NIH, NINR R01-NR008792

Title: *Enhancing Adherence in Type 2 Diabetes*

Period: 2005-2010

Principal Investigator: Mary Ann Sevick, ScD, RN, University of Pittsburgh School of Medicine
NIH, NIDDK R21-DK067181

Title: *Dietary Adherence Enhancement in Peritoneal Dialysis*

Period: 2006-2009, 5% effort

Amount: \$200,000 (Direct costs only)

Principal Investigator: Mary Ann Sevick, ScD, RN, University of Pittsburgh School of Medicine
Dialysis Clinics, Inc. (Teschun Award)

Title: *Impact of PDA-based Dietary Adherence Intervention on Interdialytic Weight Gain and Blood Pressure*

Period: 2006-2008, Contributed effort

Amount: \$150,000

Principal Investigator: C. Smith, University of Pittsburgh School of Medicine
University of Pittsburgh Obesity/Nutrition Research Center (NIH, NIDDK funded center, DK46204) Pilot/Feasibility Funding Program

Title: *Physical Appearance and Health-Related Motivations for Weight Loss: Can Enhancement of Motivations Improve Treatment Outcomes*

Period: 1998-2000, Contributed effort

Amount: \$15,000

Principal Investigator: M.L. Klem, University of Pittsburgh School of Medicine
NIH, NIDDK 1R01DK58387

Title: *Weight Loss Motivations and Long-Term Weight Loss*

Period: 2000-2005, 10% effort

Amount: \$575,000 (Direct costs only)

Principal Investigator: J. Kaufman, University of Pittsburgh School of Nursing
University of Pittsburgh Office of Research, Central Research Development Fund (Intramural funding)

Title: *Developmental Differences in Adherence to the ABCD Program for Pediatric Weight Management*

Period: 2005-2007, Contributed effort.

Amount: \$16,000

Principal Investigator: S. Sereika, University of Pittsburgh School of Nursing
University of Pittsburgh School of Nursing Center for Research and Evaluation; Department of Health Community Systems (Intramural funding)

Title: *Managing Medications with an Electronic Diary*

Period: 2005-2006, Contributed effort.

Amount: \$9013

Principal Investigator: Julie Cha EunSeok, Chung-Ang University, Seoul, Korea
Korean Government Grant (KRF), Korean equivalent of NIH R21

Title: *A Theory Based Intervention on Calorie-Reduced Diet and Exercise Among Overweight and Obese Students Attending Universities in Korea: A One-Year Longitudinal Study (HEAL-C Project)*

Duration: 2007-2009, Contributed effort.

Principal Investigator: K. Yang, University of Pittsburgh School of Nursing
University of Pittsburgh Office of Research, Central Research Development Fund (Intramural funding)

Principal Investigator: E. Chasens, University of Pittsburgh School of Nursing
NIH R21

Title: *Obstructive Sleep Apnea Severity, Daytime Sleepiness, and Physical Activity in Adults with Type 2 Diabetes*

Period: 04/01/2009-3/31/2011, 2.5%

Title: *Effects of Yoga Intervention for Adults at High Risk for Type 2 Diabetes: A Pilot Study*

Period: 2006-2008, Contributed effort.

Amount: \$15,243

Principal Investigator: K. Yang, University of Pittsburgh School of Nursing
University of Pittsburgh, Center for Research and Evaluation (Intramural grant)

Title: *Utilization of Yoga among People with Type 2 Diabetes: A Pilot Study*

Period: 2006-2008, Contributed effort.

Amount: \$ 4,412.00

Principal Investigator: E. Chasens, University of Pittsburgh School of Nursing
NIH R21

Title: *Obstructive Sleep Apnea Severity, Daytime Sleepiness, and Physical Activity in Adults with Type 2 Diabetes*

Period: 04/01/2009-3/31/2011, 2.5%

Principal Investigator: Mingui Sun, PhD, U. of Pittsburgh, School of Medicine
NCI R01 CA165255

Title: *Wearable eButton for Evaluation of Energy Balance with Environmental Context and Behavior*

Period: 2012-2015, 2.5% effort

Principal Investigator: Jennifer Steel, PhD, U. of Pittsburgh, School of Medicine
NIH, R01 CA176809-01

Title: *Biobehavioral Pathways Linking Stress and Cancer Progression*

Period: 2012-2015; 5% effort

Principal Investigator: Anne Newman, PhD, GSPH, Dept. of Epidemiology
U48 DP005001-01 Centers for Disease Control and Prevention

Title: *Health Promotion and Disease Prevention Research Center*

The purpose of this center is to continue the Center for Healthy Aging, a CDC Prevention Research Center. This renewal grant will translate the Look AHEAD intervention to older, overweight adults in the community.

Period: 09/01/14- 08/28/19, 5% effort, annual direct costs \$750,000.

Principal Investigator: E. Chasens, University of Pittsburgh School of Nursing
NIH NHLBI R01

Title: *Obstructive Sleep Apnea Severity and Self-management in Adults with Type 2 DM: RCT*

Period: 2013-2018, 2%

Principal Investigator: D.D. Mendez, University of Pittsburgh School of Public Health
NIH R01

Title: *Postpartum weight retention and cardiometabolic disparities: The effects of contextual, psychosocial, and behavioral factors*

Period: 2016-2021, 5% (\$2,957,570)

Principal Investigator: Eileen Chasens, U of Pittsburgh School of Nursing
NIH R01

Title: *The Effect of Treatment of OSA on Diabetes Self-Management and Glycemia Control*

Period: 2013-2018, 5% (\$2,907,336), 2019 in NCE

Principal Investigator: A Dabbs, U of Pittsburgh School of Nursing
NIH, NINR, R01 NR017196-01

Title: *Lung Transplant Go (LTGO): Improving Self-Management of Exercise after Lung Transplantation*

Period: 2018-2022, Co-I changed to consultant

Principal Investigator: Mingui Sun, U of Pittsburgh School of Medicine
NIH Grant R56 DK113819-01A1

Title: *Automatic Recognition of Diet, Physical Activity and Sedentary Behavior Using a Smart Wearable Device*

Period: 7/1/2018-12/31/2020

This application aims to develop human activity recognition algorithms and implement these algorithms using electronic hardware within a wearable device for the assessment of diet, physical activity and sedentary behavior.

Principal Investigator: LaPrincess Brewer, MD, Assistant Professor of Medicine, Mayo School of Graduate Medical Education, Rochester, MN

Title : *Cardiovascular health promotion by FAITH! (Fostering African-American Improvement in Total Health): Engaging the community through mobile technology-assisted education*, NIH R21 1R21MD013490-01. Co-Investigator: 5% effort

Period: 2019-2021

Principal Investigator: Janna Stephens, PhD, Assistant Professor, Ohio State University College of Nursing

NIH R01 NR016710-01A1

Title: ADAPT for Late Adolescents: A Randomized Controlled Trial

Period: 2020-2024, **Effort:** 6.5%

Principal Investigator: Mingui Sun, PhD, School of Medicine, University of Pittsburgh

NIH Grant 1R01DK127310-01

Title: A Human-Mimetic AI System for Automatic, Passive and Objective Dietary Assessment

Period: 1/1/2021-12/31/2024, **Effort:** 5%

Consultant

Principal Investigator: Chao Hsing, Hopkins University School of Nursing

NIH R01 NIA 1 R01 AG056587-01A1.

Title: *Management of Chronic Low Back Pain in Older Adults Using Auricular Point Acupressure.*

Period: 2017-2021, Consultant on EMA, **Role:** Consultant

Consultant and Mentor to Jacob Kariuki:

CTSI's Research Initiative for Special Populations (CRISP) Pilot Program, Kariuki (PI)

Title: The feasibility and acceptability of a web-based physical activity for the heart (PATH) intervention designed to reduce the risk of heart disease among inactive African Americans

Funding Agency: University of Pittsburgh Clinical and Translational Science Institute

Period: Jan 1, 2020 – Dec 31, 2020, Award: \$25,000

Ruth Perkins Kuhn Grant, Kariuki (PI)

Title: Feasibility and preliminary efficacy of a novel YouTube based physical activity intervention in overweight and obese adults with prediabetes

Funding Agency: University of Pittsburgh Center for Research and Evaluation

Period: Nov 1, 2019 – Nov 30, 2020, Award: \$33,286

NHLBI Small Research Projects, Kariuki (PI)

Title: Pilot testing the functionality and usability of a web-based Physical Activity for the Heart (PATH) intervention

Funding Agency: NHLBI Programs to Increase Diversity among Individuals Engaged in Health-Related Research (PRIDE) Small Research Grants Program

Period: Nov 1, 2019 – August 30, 2020, Award: \$11,125

Consultant/mentor to Yaguang Zheng
Principal Investigator: Yaguang Zheng, Boston College
NIH R21 NHLBI

Title: *Patterns of Technology-Based Self-monitoring Behaviors related to Cardiovascular Health.*

Status: Submitted Feb 2017, not funded

Period: 2018-2020, Consultant/mentor

This application was first submitted to AHA in Oct 2016 and was within 1 point of receiving grant; revised for R21 2017, not funded

Principal Investigator: Yaguang Zheng, Boston College
NIH R15 DK112207-01

Title: *Promoting Lifestyle Changes with Mobile Health Technologies for Overweight or Obese Older Adults with Type 2 Diabetes*

Status: Submitted October 2016, Resubmitted Feb 2017, not funded

Period: 2018-2020, Consultant/mentor

Principal Investigator: Yaguang Zheng, University of Pittsburgh

Project title: Detecting Behavioral Phenotypes of Home Blood Pressure Monitoring that Predict Cardiovascular Health

Agency: AHA **Type of Grant:** Transformational Project Award **Period:** 07/2020-07/2023

Amount: \$300,000

Pending review June 2020

Mentor

Principal Investigator: P. Tuitte, University of Pittsburgh School of Nursing
Eta Chapter, Sigma Theta Tau (Intramural grant)

Title: *The Relationship between Exercise and Inflammatory Markers in Sedentary Overweight Women*

Period: 2007-2012, Contributed effort.

Amount: \$2500

Mentor

Principal Investigator: Y. Yang, University of Pittsburgh School of Nursing
Eta Chapter, Sigma Theta Tau

Title: *Associations between Post-operative Psychosocial and Behavior Factors on Weight Change among Patients who have Undergone Sleeve Gastrectomy in China*

Period: 2018-2019, Contributed effort.

Amount: \$2500

Mentor

Principal Investigator: S. Acharya, Doctoral student, University of Pittsburgh Graduate School of Public Health

Type: Dept. of Epidemiology Small Grants Program

Title: *The Effects of a Standard Weight-Reducing Diet vs. a Lacto-Ovo-Vegetarian Diet on Adiponectin*

Period: 2007-2008, Contributed effort.

Faculty Sponsor

Principal Investigator: M. Warziski Turk, Doctoral student, University of Pittsburgh School of Nursing

NIH, NINR F31 NR009750, National Research Service Award (NRSA)

Title: *Weight Loss Maintenance: Exploring Racial Differences*

Period: 2006-2008

Faculty Sponsor

Principal Investigator: S. Acharya, Doctoral Student in Epidemiology, Graduate School of Public Health

American Heart Association Pre-doctoral Fellowship

Title: *Effects of Dietary Factors on Adiponectin among Overweight/Obese Adults*

Period: 2009-2010

Amount: \$23,000

Faculty Sponsor/Mentor

Principal Investigator: M. Warziski Turk, Assistant Professor, School of Nursing, Duquesne University

Faculty Development Award (\$5000)

Title: *Weight Loss Maintenance: Exploring Racial Differences (replication of dissertation)*

Period: 2010-2011

Faculty Sponsor/Mentor

Principal Investigator: Meghan Mattos, PhD student in nursing

NRSA: F31 NINR

Title: *Mild Cognitive Impairment in Older Rural Dwelling Adults*

Period: 2014-2017

Faculty Sponsor/Mentor

Principal Investigator: Rachel Goode, MSW; PhD student in Social Work Program

NRSA Diversity Program: F31 DK100055

Title: *A Feasibility Study to Reduce Binge Eating in Overweight AA Women*

Awarded Period: 2015-2018;

Also awarded Amy Roberts Health Promotion Research Award, Magee Women's Research Institute, May 2015

Faculty Sponsored F31 Diversity NRSA, Mentor

PI: Jessica Cheng, *Do Changes in Diet Quality in a Weight Loss Trial Affect Cardiometabolic Risk?* (PhD student in Epidemiology, 2018-present)

Period: April 2021 - 2024.

Member, Core Faculty

Principal Investigators: J. Erlen and L. Hoffman, University of Pittsburgh School of Nursing
NIH, NINR T31 Pre-Doctoral Training Program

Title: *Technology: Research in Chronic and Critical Illness*,

Period: 2005-2010, 2011-2016, 2017-2022

Primary mentor to two postdoctoral scholars: M Cajita 2018-2019; Y Zheng 2018-2020

Member, Core Faculty

Principal Investigators: J. Dorman and Y. Conley, University of Pittsburgh School of Nursing
 NIH, NINR T32 Pre-Post-Doctoral Training Program
 Title: *Targeted Research and Academic Training for Nurses in Genomics*
 Period: 2006-present, ongoing with renewal

Member, Core Faculty

Principal Investigators: Cathy Bender, University of Pittsburgh School of Nursing
 NIH, NINR T32 Pre-Post-Doctoral Training Program
 Title: Cancer Survivorship
 Period: 2006-2011

Member, Core Faculty

Principal Investigators: Anne Newman, University of Pittsburgh Graduate School of Public Health
 Epidemiology of Aging Training Program (T32 AG000181), continuously funded since 1989
 Joined faculty of this T32 in 2015

Member, Core Faculty

Principal Investigator: Dan Buysse, Psychiatry
 Translational Research Training in Sleep Medicine Training Grant, T32
 NIH 2016-2021, renewed 2021-2026

Faculty Sponsor/Mentor

Member, Common Core Committee for the Clinical Translational Science Award,
 Educational and Career Development Component Faculty for the University of Pittsburgh
 Principal Investigator: W. Kapoor, University of Pittsburgh School of Medicine
 NIH *Interdisciplinary Pre-Doctoral Clinical Research Training Program*, Health Science Schools

Consultant on behavioral treatment for weight loss

Principal Investigator: E. Nagle, PhD, Assistant Professor and Assistant Director of the Center for Health and Fitness Research in the Department of Health and Physical Education
 University of Pittsburgh Obesity/Nutrition Research Center (NIH, NIDDK funded center, DK46204) Pilot/Feasibility Funding Program
 Title: *The Effects of a Combined Aquatic Exercise and Walking Program on Selected Variables in a Sedentary Obese Female Sample Undergoing a Standard Behavioral Wt Loss Intervention.*
 Period: 2001-2002
 Amount: \$16,000

Consultant for assessment of dietary compliance and behavioral dietary management.

Principal Investigator: W. Riley, PhD, Director of Research, PICS, Inc. (PICS, Inc is a health behavior & research company that designs, develops, evaluates, and markets computer-assisted assessment and intervention programs for smoking cessation, dietary management, exercise adherence, and other health behavior issues.)
 NIH, Small Business Innovative Research, (Phase I)
 Title: *Dietary Research Management System – Development of Palm to PC Dietary Intake Research Software*
 Period: 2001-2002

Consultant for dietary adherence intervention and measurement

Principal Investigator: M. A. Sevick, PhD, U. of Pittsburgh School of Nursing and Wake Forest University School of Medicine

University of Pittsburgh Obesity/Nutrition Research Center (NIH, NIDDK funded center, DK46204) Pilot/Feasibility Funding Program

Title: *Dietary Adherence Enhancement Program*

Period: 2002-2003

Amount: \$16,000

Consultant for final phase of dietary software (DietMate Pro) development for Palm pilot, beta testing of software on Palm pilot and web sit

Principal Investigator: Bill Riley, PhD, Director of Research, PICS, Inc.

NIH, Small Business Innovative Research, (Phase I)

Title: *Dietary Research Monitoring System – Development of Palm to PC Dietary Intake Research Software*

Period: 2003-2004

Consultant on SBIR grant funded by NHLBI, 2012-2013, SBIR Phase I Contract

Title: *Computer Generated Diet and Exercise Reminders Promoting Cardiovascular Health.*

ISA Associates, Inc., Alexandria, VA. PI: Diane Deitz, PhD

Chair, Advisory and Data Safety Monitoring Committee, R01 study to test innovative solutions to problems with medication access and adherence for low-income Johns Hopkins and Bayview patients discharged with coronary heart disease.

Principal Investigator: D. Becker, Johns Hopkins School of Medicine, 2007-2012.

Invited Member, Steering Committee for Healthy Lifestyles Toolkit

Preventive Cardiovascular Nurses Association, 2012-13

Grants pending (January 2021):

Co-Principal Investigator (PI: C Imes)

NIH, NHLBI R66R33 (5 years)

Title: *Improving Sleep Health to Optimize Weight Loss: A Randomized Controlled Trial*

Period: Submitted February 2021-not scored, 20% effort, being revised and will resubmit July 2022.

Co-I: LE Burke, PI: J Kariuki

Title: *Efficacy of a novel web-based physical activity intervention designed to promote adherence to physical activity guidelines in adults with obesity*

NIH NHLBI, submitted Oct 2021, 5% effort, being reviewed March 2022

Consultant R01, PI: Elizabeth Mack, Wellbeing and Aging in the Digital Era: Smartphone Use and Indicators of Strain in Midlife Adults. Michigan State University, Submitted May 2020, not funded. Withdrew from project, 2021.

Other Scholarly Activities

Grant Reviewer

2000	Organization: Katholieke Universteit Leuven, Leuven, Belgium
1996, 2000, & 2003	Eta Chapter, Sigma Theta Tau Eta Chapter, Sigma Theta Tau
2000	Member, NIH Special Emphasis Panel – Adherence/chronic disorders
2002, 2004	Grant Reviewer, Center for Research in Chronic Disorders, U. of Pittsburgh
2004	Grant Reviewer, The Netherlands Organization for Health Research and Development, The Netherlands
2004	Grant Reviewer: Health Research Board of Ireland, Health Services Research Fellowships 2004
2005	Reviewer and judge: New Investigator Award, American Heart Association Scientific Council on Cardiovascular Nursing
2006, 07, 08	Reviewer and judge: Young Investigator Award, American Heart Association Scientific Council on Nutrition, Physical Activity and Metabolism
2007	Ad hoc member, Clinical Integration of Diabetes and Obesity (CIDO) Study Section
2007	Ad hoc reviewer for NHLBI multi-site grant on behavioral treatment for weight loss
2008, May	Ad hoc reviewer for NIDDK, Clinical Research Grants in Diabetes, Endocrine and Metabolic Disease
2008, Oct.	Ad hoc reviewer for NIDDK, Clinical Research Grants in Diabetes, Endocrine and Metabolic Disease
2009	ZonMw Subsidieaanvraagformulier, Netherlands
2009	Ad hoc reviewer for NHLBI multi-site grant on behavioral treatment for weight loss
2009, July	Ad hoc reviewer, Diabetes, Obesity and Endocrine Disorders
2009	Internal grant reviewer, Center for Research on Health Care, R18 application, SOM
2009	Internal grant reviewer and member of mock review panel, Center for Research on Health Care, K01 application, GSPH
2009-present	Internal grant reviewer, SON, SOM, GSPH
2009	Reviewer for Psychosocial Risk & Disease Prevention Study Section for Challenge grants (RC1)
2010, June	Special Emphasis Panel, Science of Behavior Change
2010-2013	Appointed standing member, Clinical and Integrative Diabetes and Obesity (CIDO) Study Section, 3-year term
2015	Ad hoc member, Board of Scientific Counselors, NHLBI, Cardiovascular and Pulmonary Branch
2016	Guest Editor, Western Journal of Nursing Research, special issue on obesity.
2018	Grant reviewer, PI at University of Indiana
2019, June	Member, Mock Review Group, Ohio State University School of Nursing
2020	American Heart Association, Pre-doctoral Fellowship, Member, Study Section

Editorial Boards and Reviews

1986-present	Progress in Cardiovascular Nursing	Editorial Board
1989-1996	Journal of Cardiovascular Nursing	Editorial Board
2007-present	Journal of Cardiovascular Nursing	Editorial Board
2001	Sage Publication	

	Book proposal (compliance)	Reviewer
2002	Sage Publications Book manuscript (focus on compliance)	Reviewer
2011-2013	Circulation	Regional Guest Editor
2020-present	Contemporary Clinical Trials	Editorial Board

Ad hoc Reviewer

Heart & Lung
 Journal of Cardiopulmonary Rehabilitation
 Journal of Cardiovascular Nursing,
 Annals of Behavioral Medicine
 Medicine & Science in Sports & Exercise
 American Journal of Critical Care
 Genetics in Medicine
 Patient Education and Counseling
 Preventive Medicine
 Circulation
 Health Education Research Theory and Practice
 Health Psychology
 Journal of Consulting and Clinical Psychology
 International Journal of Cardiology
 International Journal of Obesity
 Social Behavior and Personality – An International Journal
 Nutrition, Metabolism & Cardiovascular Diseases
 Journal of Psychosomatic Research
 Clinical Cardiology
 Journal of Behavioral Medicine
 Perspectives in Agriculture, Veterinary Science, Nutrition and Natural Resources
 Journal of Managed Care
 Appetite
 Social Behavior and Personality – An International Journal
 JAMA
 Obesity
 Contemporary Clinical Trials
 Translational Behavior Medicine
 British Medical Journal
 Nutrients
 Nutrition and Diabetes
 American Journal of Preventive Medicine
 Journal of Medical Internet and Research
 Contemporary Clinical Trials

Abstract Reviewer

1986-1989 American Heart Association Scientific Sessions
 1999, 2004
 2006-2014

- 2001, 2004 Society of Behavioral Medicine Annual Meeting, *Adherence Track*
 2005- 2007 Society of Behavioral Medicine Annual Meeting *Prevention Track*
 2008-2009 Society of Behavioral Medicine Annual Meeting *Prevention Track*
 2009-2010 Society of Behavioral Medicine Annual Meeting, Translation Track
 2010-2014 Society of Behavioral Medicine Annual Meeting, Translation Track
- 2006 eHealth Conference, National Cancer Institute, NIH
- 2005 Reviewer, New Investigator Award, Council on Cardiovascular Nursing, American Heart Association
- 2006, 2007,
 2008, 2011-13 Reviewer, Young Investigator Award, Council on Nutrition, Physical Activity, and Metabolism, American Heart Association
- 2008-2019 Reviewer, AHA, Councils of Physical Activity, Nutrition & Metabolism and Epidemiology and Prevention, Fall review for Spring Meeting
- 2012, 2013 The Obesity Society
 2012-2021 American Heart Association, Lifestyle & EPI Councils Annual Meeting

Consultation

- 1979-1980 Consultant, Professional Standards and Review Organization (P.S.R.O.) for Review of Cardiac Rehabilitation Program, Los Angeles, CA
- 1984 Consultant to Stacey Keach Productions regarding development of cassette tape program, *Approved Exercises for the Heart Patient*, Los Angeles
- 1985 Clinical Study Tour Leader & Lecturer, Kenya, Africa
 Professional Seminar Consultants, Inc., co-sponsored by the California Nurses Association.
- 2000 Volunteer advisor to development of layperson book, To Your Health, New York: Clarkson Potter/Publishers, 2001.
- 2001-2002 Content and editorial reviewer of online health education modules being developed by Nexcura, Inc for the American Heart Association. (Topics: coronary artery disease and heart failure)
- 2001 National Coalition for Stroke and Heart Disease Prevention, projects focused on improving treatment adherence. Consultant for adherence enhancing projects
- 2004 Universitae of Basel in Basel, Switzerland, served as consultant regarding adherence to treatment regimens and to research study protocols, cardiologist and graduate students
- 2006 Personal Computer Improvement, Inc., review of Pictorial Diet History Questionnaire and portion size educational program

- 2009, 2010 Consultant on behavioral interventions for treatment of obesity, speaker at Advisory Board meeting, Novo Nordisk
- 2012-2013 SBIR Phase I Contract Application to the National Health Lung and Blood Institute - Topic #065 Computer Generated Diet and Exercise Reminders Promoting Cardiovascular Health, ISA Associates, Inc
- 2019 Grant reviewer, Pre- and post-doctoral fellowship grants, American Heart Association, Sept 2019
- 2020-present AHA Tech Group to provide consultation to Fitbit working group at Google, ongoing.

Unpublished Presentations (invited talks)

International

1. **Burke, L.E.** (1979, Nov.). *How to Organize a Cardiac Rehabilitation Program*. Invited presentation at the 49th Annual Scientific Session, American Heart Association, Anaheim, CA.
2. **Burke, L.E.** (1983, Nov.). *Establishing Collaborative Practice*. Invited presentation at the 56th Annual Scientific Sessions, American Heart Association, Anaheim, CA.
3. **Burke, L.E.** (1985, June). *Patient management by the cardiovascular clinical nurse specialist in a collaborative cardiology practice*. Paper presented at the InterAmerican Congress of Cardiology Scientific Sessions, Vancouver, BC.
4. **Burke, L.E.** (1989, Nov.). *Dietary Treatment of Hypercholesterolemia*, Invited presentation at the 62nd Annual Scientific Sessions, American Heart Association, New Orleans, LA.
5. **Burke, L.E.** (1992, May). *Enhanced self-efficacy to improve dietary compliance*. Poster presented at the Sigma Theta Tau International Nursing Research Conference, Columbus, OH.
6. Dunbar-Jacob, J., Sereika, S., Dwyer, K., Kwoh, K., **Burke, L.E.**, McCall, M., Glaister, C., & Starz, T.W. (1992, May). *Psychometric evaluation of the self-administered Jette Functional Status Inventory*. Poster presented at the Sigma Theta Tau International Nursing Research Conference, Columbus, OH.
7. **Burke, L.E.**, Dunbar-Jacob, J., Glaister, C., McCall, M., Sereika, S., Dwyer, K., Kwoh, C.K., & Starz, T.W. (1992, May). *Influence of question type on self-reported medication compliance in Rheumatoid Arthritis patients*. Paper presented at the Sigma Theta Tau International Nursing Research Conference, Columbus, OH.
8. Dwyer, K. Dunbar-Jacob, J., Kwoh, C.K., Sereika, S., **Burke, L.E.**, Glaister, C., McCall, M., & Starz, T.W. (1992, May). *Depression in Rheumatoid Arthritis*. Paper presented at the Sigma Theta Tau International Nursing Research Conference, Columbus, OH.

9. Sereika, S., Dwyer, K., **Burke, L.E.**, Dunbar-Jacob, J., McCall, M., Glaister, C., Kwoh, C.K., & Starz, T.W. (1992, May). *Data management in longitudinal research*. Paper presented at the Sigma Theta Tau International Nursing Research Conference, Columbus, OH.
10. Dunbar-Jacob, J., Kwoh, C.K., Starz, T.W., Sereika, S., McCall, M., Glaister, C., **Burke, L.E.**, Dwyer, K., Rosella, J., & Holmes, J. (1992, July). *Adherence to arthritis medication*. Poster presented at the International Congress of Behavioral Medicine, Hamburg, Germany.
11. **Burke, L.E.** (1994, Nov.). *How to Implement & Promote Adherence to a Cholesterol-Lowering Diet*. Invited presentation at the 67th Annual Scientific Sessions, American Heart Association, Dallas, TX.
12. Dunbar-Jacob, J., Sereika, S., **Burke, L.E.**, & Kwoh, C.K. (1997, June). *The relationship of depression and adherence to functional status in patients with Rheumatoid Arthritis*. Paper presented at the International Research Conference for Sigma Theta Tau, Vancouver, B.C.
13. Dunbar-Jacob, J., Sereika, S., **Burke, L.E.**, & Kwoh, C.K. (1997, June). *The relationship of depression and adherence to functional status in patients with Rheumatoid Arthritis*. Paper presented at the International Research Conference for Sigma Theta Tau, Vancouver, B.C.
14. **Burke, L.E.** (1997, Nov.). *Pharmacological and Non-Pharmacological Treatment of Obesity*. Invited presentation at the 70th Scientific Sessions of the American Heart Association, Orlando, FL.
15. Dunbar-Jacob, J., Sereika, S., & **Burke, L.E.** (1998, Aug.). *Use of daily diaries in assessing compliance*. Paper presented in symposium: Enhancing Self-Report Assessment of Adherence in Immunologic Conditions. Fifth International Congress of Behavioral Medicine, Copenhagen, Denmark.
16. **Burke, L.E.** (1998, Nov.). *Psychological Barriers and Strategies to Improve Exercise Adherence*, Invited presentation at the 71st Scientific Sessions, American Heart Association, Dallas, TX
17. **Burke, L.E.** (1999, Nov.). *Dietary Modifications: Theory-Based Interventions*. Invited presentation at the 72nd Scientific Sessions, American Heart Association, Atlanta, GA
18. **Burke, L.E.** (2000, Feb). *Adherence to a Heart Healthy Lifestyle: What Makes the Difference?* Invited presentation at the 7th World Congress of Cardiac Rehabilitation and Secondary Prevention, Manilla, Philippines.
19. **Burke, L.E.** (2000, Feb). *Is Compliance to a Proper Exercise Regimen Realistic?* Invited presentation at the 7th World Congress of Cardiac Rehabilitation and Secondary Prevention, Manilla, Philippines.

20. **Burke, L.E.** (2000, Feb). *Long-Term Compliance Issues in the Treatment of Obesity*. Invited presentation at the 7th World Congress of Cardiac Rehabilitation and Secondary Prevention, Manilla, Philippines.
21. **Burke, L.E.** (2000, Feb). *Methods of Delivering Education*. Invited presentation at the 7th World Congress of Cardiac Rehabilitation and Secondary Prevention, Manilla, Philippines.
22. **Burke, L.E.** (2000, March). *Behavioral Strategies to Improve Treatment Adherence*. Invited presentation at the University of Thailand, School of Nursing, Chaing Mai, Thailand.
23. **Burke, L.E.** (2000, March). *Behavioral Strategies to Improve Treatment Adherence*. Invited presentation at the University of Thailand, School of Nursing, Bangkok, Thailand.
24. **Burke, L.E.** (2000, June). *Behavioral Intervention to Improve Dietary Compliance*. Invited presentation at the Doctoral Student Seminar, Catholic University of Leuvin, Belgium.
25. **Burke, L.E.** (2000, Oct.). *Adherence Issues in Cardiac Rehabilitation: What Can We Do?* Invited presentation at the Annual Meeting of the Irish Association of Cardiac Rehabilitation, Dublin, Ireland.
26. **Burke, L.E.** (2001, Sept.). *The Role of Specialist Nurses in Prevention*. Invited presentation at the European Society of Cardiology, Stockholm, Sweden.
27. **Burke, L.E.** (2001, Sept.). Moderator: *Patient Education*: Invited presentation at the From paper to CD-ROM's Symposium, The European Society of Cardiology, XXIII Congress, (Sept., 2001) Stockholm, Sweden.
28. **Burke, L.E.** (2003, Oct.). *Adherence to Medications: How to Improve It*. Invited presentation at the 2nd International Conference of the Royal Jordanian Medical Services, Amman, Jordan
29. **Burke, L.E.** (2003, Oct.). *Obesity: Medical Management*. Invited presentation at the 2nd International Conference of the Royal Jordanian Medical Services, Amman, Jordan
30. **Burke, L.E.** (2003, Oct.). *Application of Behavioral Theories to Clinical Interventions*. Invited presentation at the 2nd International Conference of the Royal Jordanian Medical Services, Amman, Jordan
31. Starrett, T.J., Sevick, M.A., **Burke, L.E.**, Piraino, B., Bernardini, J., Sereika, S., Stilley, C., & Bender, C. (2003, Nov.). *Dietary Adherence Enhancement Intervention. The BalanceWise Study: Design and baseline results*. Poster presented at the Sigma Theta Tau 37th Biennial Conference. Toronto, Canada.
32. **Burke, L.E.** (2004, May.). *Strategies to Improve Treatment Adherence*. Invited presentation at the 8th World Congress of Cardiac Rehabilitation and Secondary Prevention, Dublin, Ireland.

33. **Burke, L.E.** (2004, Nov.). *Social and Behavioral Barriers to Physical Activity*. Invited presentation at the Scientific Sessions of the American Heart Association, New Orleans, LA.
34. **Burke, L.E.** (2005, Sept.). *Application Procedures for International Projects*. Invited presentation at the the Third International and Tenth National Nursing Congress, Izmir, Turkey (affiliated with Ege University)
35. **Burke, L.E.** (2005, Sept.). *Obesity Management*. Invited presentation at the Third International and Tenth National Nursing Congress, Izmir, Turkey (affiliated with Ege University)
36. **Burke, L.E., & Sereika, S.** (2005, Sept.). *Research Methods and Statistics*. Co-taught 4-hour mini-course at the Third International and Tenth National Nursing Congress, Izmir, Turkey (affiliated with Ege University)
37. Dunbar-Jacob, J., **Burke, L.E.**, Schlenk, E.A., & Sereika, S. (2006, July). *The Perceived Therapeutic Efficacy Scale*. Paper presented at Sigma Theta Tau International Honor Society of Nursing 17th International Nursing Research Congress, Montreal, Quebec, Canada.
38. Erlen, J.A., Caruthers, D., & **Burke, L.E.** (2006, July). *Development and Testing of an Appropriate Behavior-Specific Self-Efficacy Instrument*. Paper presented at Sigma Theta Tau International Honor Society of Nursing 17th International Nursing Research Congress, Montreal, Quebec, Canada.
39. **Burke, L.E.** (2006, Sept.). *Measurement of Adherence*. Invited presentation at the European Society of Cardiology, Barcelona, Spain
40. **Burke, L.E.** (2006, Nov.). *Strategies for Enhancing Adherence*. Invited presentation at the American Heart Association Scientific Sessions, Chicago, IL.
41. **Burke, L.E.** (2008, Nov). *Behavioral Modification for Improvement of Insulin Resistance*. Invited presentation at the American Heart Association Scientific Sessions, New Orleans
42. **Burke, L.E.** (2008, Nov). *How to Encourage Compliance to Physical Activity and Dietary Regimens*. Invited presentation at the American Heart Association Scientific Sessions, New Orleans
43. **Burke, L.E.** (2009, Nov). *Lifestyle Risk Factors for CVD: State of the Science – Interventions Targeting Diet Modification*. Presentation at the American Heart Association 2009 Scientific Sessions, Orlando, Fl
44. **Burke, L.E.** (2009, Nov). *How to Manage the Obese Patient*, Presentation at the American Heart Association 2009 Scientific Sessions, Orlando, Fl.
45. **Burke, L.E.** (2010). *Building a Diverse Research Team – Team Science*. Early Career Day Program, American Heart Association Scientific Sessions, Chicago, IL.

46. **Burke, L.E.** (2010). *Behavioral Interventions for Cardiovascular Risk Reduction – A Focus on Adherence*. The Kay Lembright Lecture, American Heart Association Scientific Sessions, Chicago, IL.
47. **Burke, L.E.** (2010). *Strategies for Enhancing Adherence*, Cardiovascular Seminar, American Heart Association Scientific Sessions, Chicago, IL.
48. **Burke, L.E.** (2011). *Adherence to Lifestyle Guidelines: Barriers to Reaching the 2020 Goals*. Chairman’s Opening Address, AHA EPID/Prevention and NPAM Councils Spring Meeting, Atlanta, GA.
49. **Burke, L.E.** (2011). *Nutrition in Management of Health and Chronic Disorders*, Lecture delivered to graduate students at Nursing Institute, Basel Switzerland.
50. **Burke, L.E.** (April 2012). *Essentials of Behavior Change: Making it Happen and Making it Last*, World Congress of Cardiology, Dubai, UAE.
51. **Burke, L.E.** (August, 2012). *Management of Obesity with Diet, Exercise, Behavior Change for Adults*, and *A New Concept of Health: The American Heart Association’s 2020 Strategic Goals*; Invited presentation for the China Heart Congress 2012, Beijing, China.
52. **Burke, L.E.** (March 2013). *Reaching the AHA’s 2020 Goals: Barriers and Opportunities – Opening Session Panel*, AHA Epidemiology and Prevention and NPAM Councils Spring Meeting. New Orleans, LA.
53. **Burke, L.E.** (June 2013). *Using Mobile Health to Prevent Diabetes and Cardiovascular Disease*, American Diabetes Association Scientific Sessions, Chicago, IL.
54. **Burke, L.E.** (September 2013). *Self-Monitoring: Is Technology Improving Behavior?* European Society of Cardiology Congress, Amsterdam, Netherlands.
55. **Burke, L.E.** (Nov 2013). *Promoting Adherence to Dietary Guidelines*, American Heart Association Scientific Sessions, Dallas TX.
56. **Burke, L.E.** (May, 2014). *Role of Nurse Case Management: From Individual to Population*, World Congress of Cardiology & the World Heart Federation, Melbourne, AU.
57. **Burke, L.E.** (June 2014). *Using Mobile Health to Prevent Diabetes and Cardiovascular Disease*, American Diabetes Association, Chicago, IL.
58. **Burke, L.E.** (2015, Nov). *Real Time Data Collection with Adaptive Sampling and Innovative Technologies*. Invited presentation at the American Heart Association Scientific Sessions, Orlando, FL.
59. **Burke, L.E.** (2015, Nov). *mHealth in Practice: Reality or Pipe Dream*. American Heart Association. Invited presentation at the American Heart Association Scientific Sessions, Orlando, FL.

60. **Burke, L.E.** (2015, Nov). *Overview of Effective Traditional Strategies and Mobile Technologies to Promote Heart Health*. American Heart Association. Invited presentation at the American Heart Association Scientific Sessions, Orlando, FL.
61. **Burke, L.E.** (2015, Nov). *Role of Technology in Tracking Engagement and Outcomes*. American Heart Association. Invited presentation at the American Heart Association Scientific Sessions, Orlando, FL.
62. **Burke, L.E.,** Zheng, Y., Ma, Q., Ye, L., Ewing, L.J., Imes, C., Danford, C.A., Juliet M Mancino, Ran, S., & Sereika, S.M. (2015, Nov) *Dietary Self-Monitoring Adherence is Greater with Smartphone-Based Diaries vs. PDA-Based and Paper Diaries*. Poster presented at the American Heart Association Scientific Sessions, Orlando, FL.
63. **Burke, L.E.** (2016). *Self-Monitoring and Dietary Adherence in Treatment and Management of Obesity*. Invited presentation at the Cardiovascular Outcomes Research Workshop/Retreat, Departments of Epidemiology and Medicine, University of Pittsburgh. Pittsburgh, PA.
64. Sun, R., Imes, C., Yu, Y., Danford, C.A., Goode, R., Hu, L., Ma, Q., Loar, I., Mendez, D. D., Sereika, S.M., Zheng, Y., & **Burke, L.E.** (2016, April). *Is there an Association between Comorbid Conditions and Self-Efficacy for Weight Loss among Participants in Weight Loss Intervention Study?* Poster presented at the Eastern Nursing Research Society 28th Annual Scientific Sessions, Pittsburgh, PA.
65. **Burke, L.E.** (2016). *Do We Know Enough about Mobile Health: The State of the Evidence?* Invited presentation, Scientific Sessions of the American Heart Association, New Orleans, LA. November 14, 2016.
66. **Burke, L.E.** (2016). *Why is Adherence so Difficult for Convalescing CVD Patients?* Invited presentation, Scientific Sessions of the American Heart Association, New Orleans, LA. November 14, 2016.
67. **Burke, L.E.** (2016). *Engaging Patients to Self-manage: Can Technology Help?* Invited presentation, European Society of Cardiology, Rome, Italy. August 28, 2016.
68. **Burke, L.E.** (2017). *EMPOWERing Population Changes: Improving Cardiovascular Health*, AHA Scientific Sessions, Anaheim, California. November 12, 2017.
69. **Burke, L.E.** (2017). *Mobile Applications (Apps) for Nutrition and Weight Loss*, AHA Scientific Sessions, Anaheim, California. November 12, 2017.
70. **Burke, LE** (2019) *Health Literacy in Digital Health*, AHA Scientific Sessions, Chicago, IL November 12, 2018.
71. **Burke, LE** (2019) *Use of Digital Health in Cardiovascular Risk Reduction*, Consumer Electronics Show, Medical Component, Las Vegas, NV, January 10, 2019
72. **Burke, LE** (2019) *Healthcare without Walls: Nutrition and weight loss - An app a day keeps the doctor away*. Electronic dietary assessment apps, websites and patient outcomes.

European Society of Cardiology and the World Health Federation – Joint Scientific Session, Paris, France, August 31, 2019

73. **Burke, L.E.** (2019) *Best Practices for mHealth Research Targeting Behavior Change*, American Heart Association Scientific Sessions, Philadelphia, PA, Nov 10, 2019

National

1. **Burke, L.E.** (1978, Oct.). *Cardiovascular Education*. Invited presentation for the National Symposium on Patient Education, University of California, San Francisco, CA.
2. **Burke, L.E.** (1979, Jan.). *How to Teach, and How to Set Up an Educational Program*. Invited presentation at the Annual Nurses' Symposium, American Heart Association, Minnesota Affiliate, Minneapolis, MN.
3. **Burke, L.E.** (1980, June). *Rehabilitation of the Client with Chronic Cardiac or Pulmonary Disorder*. Invited presentation at the Biennial Meeting and Clinical Conference, American Nurses' Association, Houston, TX.).
4. **Burke, L.E.** (1981, April). *The Emotional Response of the Patient and Family to CAD and Treatment Modalities, and Cardiac Rehabilitation Program Planning and Implementation*. Invited presentation at the Conference on Cardiac Rehabilitation, University of CA, San Diego, CA.
5. **Burke, L.E.** (1982, March). *Counseling for the Spouse of the Critically-Ill, and Evaluation of In-Hospital Patients and Family Education*. Workshop leader: Future Directions for Rehabilitation, Planning and Implementing a Cardiac Rehabilitation Program, 2nd Annual Cardiac Rehabilitation Symposium, University of California, San Diego, CA.
6. **Burke, L.E.** (1984, Feb.). *Exploring Issues in Role Development*. Workshop leader at the Clinical Nurse Specialists-Economic Realities Conference, University of California, San Francisco, San Francisco, CA.
7. **Burke, L.E.** (1986, April). *Joint Practice*. Invited presentation at the Clinical Nurse Specialist: Process, Promise & Controversy II Conference, Tucson, AZ.
8. **Burke, L.E.** (1986, Feb). *Collaborative Practice: Economic and Professional Considerations*. Invited presentation at the First Annual Nursing Symposium, Cedars Sinai Medical Center, Los Angeles, CA.
9. **Burke, L.E.** (1989, Feb). *Collaboration Model*. Invited presentation at the Annual Clinical Nurse Specialist Conference, University of California, San Francisco, San Francisco, CA.
10. **Burke, L.E.** (1990, June). *Dietary Treatment of Hyperlipidemia*. Invited presentation at the Annual Meeting, American Association of Occupational Health Nurses, Houston, TX.
11. **Burke, L.E.** (1990, Sept.). *Dietary Treatment of Hyperlipidemia*. Invited presentation at the National Nurses' Cholesterol Education Program, American Heart Association & National Heart, Lung & Blood Institute, Kansas City, KA.

12. Dunbar-Jacob, J., Dunning, J., Dwyer, K., **Burke, L.E.**, & Snetselaar, L. (1991, March). *Influence of question type on self-reported compliance with dietary regimen*. Paper presented at the Society of Behavioral Medicine Annual Conference, Washington, DC.
13. **Burke, L.E.** (1991, April). Symposium: Promoting Adherence in the Clinical Setting, *Educational Strategies to Improve Patient Adherence*, National Conference on Cholesterol and High Blood Pressure Control, Washington, DC.
14. Dunbar-Jacob, J., Kwoh, C. K., Sereika, S., Dwyer, K., **Burke, L.E.**, McCall, M., Glaister, C., Rosella, J., & Starz, T.W. (1992, March). *Recruitment of minorities in clinical research*. Poster presented at the Society of Behavioral Medicine 13th Annual Meeting, New York, NY.
15. Dunbar-Jacob, J., Sereika, S., **Burke, L.E.**, Kwoh, C.K., Rosella, J., McCall, M., Locke, C., Holmes, J. Bondi, K. Canty, T., Starz, T. (1993, March). *Perceived treatment efficacy: assessment in Rheumatoid Arthritis*. Poster presented at the Society of Behavioral Medicine 14th Annual Scientific Sessions, San Francisco, CA.
16. Dunbar-Jacob, J., Sereika, S., **Burke, L.E.**, Kwoh, C.K. (1993, Nov.). *Do Patients Do What They Say They Do?* Invited presentation at the Friends of the National Institute of Nursing Research Conference, Washington, DC.
17. Holmes, J.L., Rosella, J., Dunbar-Jacob, J., Sereika, S., **Burke, L.E.**, Kwoh, C.K. (1994, Oct.). *Factors associated with attrition of blacks during recruitment for a study examining adherence among RA subjects*. Poster presented at the 29th National Scientific Meeting of the Association of Rheumatology Health Professionals and American College of Rheumatology, Minneapolis, MN.
18. Hill, M.N., **Burke, L.E.**, & Dunbar-Jacob, J. (1994, Dec.). *Advancing the Nurse's Contribution to Enhancing Prescription Medicine Compliance*. Invited presentation at the National Council on Patient Information and Education Conference on Advancing Prescription Medication Compliance: New Paradigms, New Practice, Washington, DC.
19. **Burke, L.E.** (1995, Sept.). *Improving Adherence with Cardiovascular Risk Modification*. Invited presentation at the National Conference on Cardiovascular Disease Management, Workshop on Risk Factor Modification Counseling, American Heart Association, Houston, TX.
20. **Burke, L.E.** (1995, Oct.). *Update: Management of the Patient with Hyperlipidemia*. Invited presentation at the American Association of Office Nurses, Reston, VA.
21. Dunbar-Jacob, J., **Burke, L.E.** (1996, Sept.). *Readiness for Change: Putting the Adherence Research into Clinical Practice*. Invited presentation at the American Association of Cardiovascular and Pulmonary Rehabilitation Annual Meeting, Baltimore, MD.
22. Dunbar-Jacob, J., Muldoon, M., **Burke, L.E.** (presenter), Schlenk, E., Rohay, J., & Sereika, S. (1996, Nov.). *Sociodemographic factors and quality of life in a healthy adult population*. Paper presented at the 4th National Nursing Research Conference, Greenbrier, WV.

23. **Burke, L.E.** (1998, May). *Strategies to Improve Compliance to Weight Loss Treatment*. Invited presentation at the Futura/AHA Sponsored Scientific Conference, Obesity: Impact on Cardiovascular Disease, Amelia Island Plantation, FL.
24. **Burke, L.E.** (1999, April). *Electronic Measurement*. Invited presentation at the American Heart Association sponsored Scientific Conference on Compliance in Healthcare and Research, Boston, MA.
25. **Burke, L.E.** (2001, May). *Getting to the Heart of Compliance: Cardiovascular Medicine Compliance*. Invited presentation at the National Council on Patient Education & Information Bi-Annual Conference, Washington, DC.
26. **Burke, L.E.** (2002, April). *Application of Technology in the Contextual Measurement, Prediction and Improvement of Adherence*. Invited presentation at the Innovative Adherence Research Priorities Meeting, Sponsored by the NIH Network for Adherence Research, Bethesda, MD
27. **Burke, L.E.** (2003, March). *The Prevention Clinic Model: Adherence Issues for Prevention*. Invited presentation at the American College of Cardiology 52nd Annual Scientific Session, Chicago, IL.
28. **Burke, L.E.** (2003, March). *A Prevention Primer: The Ideal Solution – Can We Do It?* Invited presentation at the American College of Cardiology 52nd Annual Scientific Session, Chicago, IL.
29. **Burke, L.E.** (2003, Sept.). *Modifying Harmful Behavior Patterns: Affecting Long-term Change*. Invited presentation at the Medical Management Track, Annual Conference for Cardiovascular Invasive Professionals, The Cardiovascular Research Institute, Washington, DC.
30. **Burke, L.E.** (2004, March). *Strategies to Improve Long-Term Adherence to Treatment*. Invited presentation at the American College of Cardiology 53rd Annual Scientific Session, New Orleans, LA
31. **Burke, L.E.** (2004, April). *Adherence in Clinical Trials: Strategies for Improvement*. Invited presentation at the National Meeting of the Clinical Trial Coordinators for the international trial, BARI 2D, Pittsburgh, PA.
32. **Burke, L.E.** (2006, Aug.). *The Use of Technology in Studying Patterns of Self-Monitoring Among Participants in a Weight Loss Study*. Invited presentation at the NIH Roadmap Interdisciplinary Methodology and Technology Summit, Bethesda, MD.
33. **Burke, L.E.,** Kim, Y., Ergun, F.S., Choo, J., Sereika, S., Music, E. & Dunbar-Jacob, J. (2004, Oct.). *Measurement of self-efficacy for adherence to a cholesterol-lowering diet in patients with hypercholesterolemia*. National Congress on the State of the Science in Nursing Research. Washington, DC
34. **Burke, L.E.,** Sereika, S., Choo, J., Warziski, M., Novak, J., Music, E. & Cartwright, M. (2004, Oct.). *Using technology to document actual patterns of self-monitoring among*

subjects in a weight loss study. National Congress on the State of the Science in Nursing Research. Washington, DC

35. Sevick, M.A., **Burke, L.E.**, Starrett, T., Korytkowski, M., Paraine, B., Sereika, S., Gold, B., Sakraida, T., Waszak, L., & Mihalko, S. (2005, June). *Use of a PDA-based Balance Log™ for self-monitoring dietary intake among individuals with type 2 diabetes: The experience of the ENHANCE Study.* Poster presented at the Critical Issues in eHealth Research Conference, Bethesda, MD.
36. Sereika, S., Erlen, J. A., **Burke, L.E.**, Colbert, A.M., & Caruthers, D. (2005, June). *Feasibility of an electronic diary for medication monitoring in HIV/AIDS patients.* Poster presented at the Critical Issues in eHealth Research Conference, Bethesda, MD.
37. **Burke, L.E.** (2006, Sept.). *Strategies to Improve Adherence to a Sodium Restricted Diet.* Invited presentation at the American College of Nutrition Annual Scientific Sessions, Reno, NV.
38. Warziski, M., Styn, M., Choo, J., Music, E., Steenkiste, A.R., & **Burke, L.E.** (2006, Oct.). *Self-efficacy and weight loss in a behavioral intervention study.* Poster presented at the Congress for the Advancement of Nursing Science, State of the Science in Nursing Research, Washington, D.C.
39. **Burke, L.E.**, Swigart, V., Warziski, M., Derro, N., & Styn, M. (2006, Oct.). *Weight loss study participants' perceptions about self-monitoring dietary intake and physical activity.* Paper presented at the Congress for the Advancement of Nursing Science, State of the Science in Nursing Research, Washington, D.C.
40. **Burke, L.E.**, Styn, M., Music, E., Warziski, M., Choo, J., & Sereika, S. (2006, Oct.). *Electronically documented patterns of self-monitoring in a weight loss trial.* Paper presented at the Congress for the Advancement of Nursing Science, State of the Science in Nursing Research, Washington, D.C.
41. **Burke, L.E.**, Styn, M., Steenkiste, A.R., Music, E., Warziski, M., & Choo, J. (2006, Oct.). *A preliminary report of the impact of adding a lacto-ovo-vegetarian diet to standard behavioral treatment for weight loss.* Paper presented at the Congress for the Advancement of Nursing Science, State of the Science in Nursing Research, Washington, D.C.
42. Sereika, S., Colbert, A., Erlen, J., **Burke, L.E.**, & Caruthers, D. (2006, Oct.). *The feasibility of a PDA-based electronic diary for monitoring medication-taking behavior in HIV patients.* Paper presented at the National State of the Science Congress in Nursing Research. Washington, DC, USA.
43. Yang, K., Bernardo, L., M., Conroy, M.B., Sereika, S.M., Balk, J., & **Burke, L.E.** (2008, March). *Effects of yoga program for sedentary adults with a family history of diabetes.* Poster presented at the Society of Behavioral Medicine, Annual Meeting and Scientific Session, San Diego, CA, March 26 – 29, 2008
44. Warziski, M., Sereika, S.M., Styn, M.A., Elci, O.U., & **Burke, L.E.** (2008, Oct.). *Does weight loss maintenance differ for minorities compared to non-minorities?* Poster presented

at the Congress for the Advancement of Nursing Science, State of the Science in Nursing Research, Washington, D.C.

45. Imes, C.C., Dougherty, C., Austin, M.A., **Burke, L.E.**, & Lewis, F.M. (2013). *Three-generation pedigrees increase perceived risk in young adults with a family history of coronary heart disease or associated risk factors*. Rapid communication poster presentation. 34th Annual Meeting & Scientific Session of the Society of Behavior Medicine.
46. **Burke, L.E.**, Zheng, Y., Mattos, M., Sereika, S.M., & Styn, M.A. (2013, Nov.). *The relationship of comorbidities and self-efficacy in regimen management*. Poster presentation at 42nd Biannual Sigma Theta Tau Convention, Cincinnati, OH.
47. Zheng, Y., Sereika, S.M., Danford, C., Ewing, L.J., & **Burke, L.E.** (2014). *Mediating Effects of Adherence to Energy Intake and Expenditure Goals on the Association between Self-Weighing and Percent Weight Change in a Behavioral Weight Loss Trial*. Paper presented at Council for the Advancement of Nursing, Washington, DC.
48. Imes, C.C., Zheng, Y., Mattos, M., Ye, L., Danford, C., Sereika, S.M., & **Burke, L.E.** (September, 2014). *Healthy eating and exercise self-efficacy among overweight and obese adults: Does a family history of coronary heart disease make a difference*. Podium presentation presented at the meeting of the Council for the Advancement of Nursing, Washington, DC.
49. Taraban, M., Haney, A., Shaffer, J., Reese, M., Mancino, J., Zheng, Y., Music, E., Loar, I., & **Burke, L.E.** (2015). *The Role of Self-Efficacy in a Behavioral Weight Loss Intervention*. Poster presented at NCUR.
50. Haney, A., Shaffer, E., Taraban, M., Reese, M., Mancino, J., Ye, L., Music, E., Loar, I., & **Burke, L.E.** (2015). *Barriers to Healthy Eating in a Behavioral Weight Loss Intervention Study*. Poster presented at NCUR.
51. **Burke, L.E.**, Mancino, J.M., Zheng, Y., Morris, J., Ran, S., Danford, C., Ma, Q., Ewing, L.J., Goode, R., Imes, C., & Sereika, S.M. (2015). *A Pilot Study of Tailored Feedback Messages Delivered Daily to Enhance Weight Loss*. [Poster presented at the Obesity Society's Annual Scientific Meeting, Los Angeles, CA, November 4, 2015.
52. **Burke, L.E.**: Invited Professorship, Arnold School of Public Health, University of South Carolina, *The Evolution of the Use of Technology for Self-Monitoring in the Treatment of Overweight and Obesity*. April 27, 2021

Regional

1. **Burke, L.E.** (1976, Oct.). *The Physiologic and Hemodynamic Principles Key to Understanding the Intra-Aortic Balloon Pump*. Invited presentation at the Critical Care Grand Rounds, Los Angeles, CA.
2. **Burke, L.E.**, & Vredevoe, D. (1978, Oct.). *Anticipatory grief in spouses of the critically-ill*. Paper presented at the VA Regional Nursing Research Conference, Los Angeles, CA.

3. **Burke, L.E., & Vredevoe, D.** (1978, Sept.). *An investigation of anticipatory grief in spouse of the critically-ill*. Paper presented at the University of Arizona 6th Annual Nursing Research Conference, Tucson, AZ.
4. **Burke, L.E.** (1979, April). *Rehabilitation Toward Prudent Heart Living*. Invited presentation at the American Association of Critical Care Nurses Spring Symposium, San Fernando Valley Chapter, Van Nuys, CA.
5. **Burke, L.E.** (1979, July). *Cardiac Rehabilitation in the Acute Hospital*. Invited presentation at the Professional Standards and Review Organization Conference, Los Angeles, CA.
6. **Burke, L.E.** (1980, Oct.). *Rehabilitation of the Cardiac Surgical Patient*. Invited presentation at the Los Angeles Heart Institute First Annual Cardiovascular Nursing Symposium, Los Angeles, CA.
7. **Burke, L.E.** (1981, Feb). *Risk Factors for Coronary Heart Disease and Ways of Reducing the Risks*. Invited presentation at the Adult Education Association, Los Angeles, CA.
8. **Burke, L.E.** (1981, June). *Behavior Modification*. Invited presentation at the Annual American Heart Association, Cardiac Rehabilitation Symposium, Los Angeles, CA.
9. **Burke, L.E.** (1981, Aug.). *Sexual Concerns of the Cardiac Patient*. Invited presentation at the Human Sexuality Symposium, Valley Presbyterian Hospital, Van Nuys, CA.
10. **Burke, L.E.** (1981, Oct.). *Rehabilitation of the Complicated Post-Operative Patient: A Team Approach*. Invited presentation at the Annual Cardiovascular Nursing Symposium, Los Angeles Heart Institute, Los Angeles, CA.
11. **Burke, L.E.** (1981, Nov.). *Sexual Concerns of the Individual with Heart Disease, Heart to Heart Program for Cardiac Patients*. Invited presentation at the Valley Presbyterian Hospital, Van Nuys, CA.
12. **Burke, L.E.** (1981, Dec.). *Sexual Counseling of the Cardiac Patient*. Invited presentation at a Medical Staff Conference, Valley Presbyterian Hospital, Van Nuys, CA.
13. **Burke, L.E.** (1982, June). *Sexual Counseling of the Cardiac Patient*. Invited presentation at the Cardiac Rehabilitation Seminar, Valley Presbyterian Hospital, Van Nuys, CA.
14. **Burke, L.E.** (1982, June). *Education/Counseling of Cardiac Patients and Families, and Cardiac Rehabilitation Programs for Post Bypass Patients*. Presentations and workshop leader, Annual Cardiac Rehabilitation Symposium, American Heart Association, Los Angeles Affiliate, Los Angeles, CA.
15. **Burke, L.E.** (1983, Feb.). *Sex and the Damaged Ventricle*. Invited presentation at the Cedars-Sinai Medical Center Cardiac Rehabilitation Conference, Los Angeles, CA.
16. **Burke, L.E.** (1983, Feb.). *Non-Invasive Diagnostic Approaches to Ischemic Heart Disease*. Invited presentation at the 7th Annual Cardiovascular Nursing Symposium, American Heart Association, Great Los Angeles Affiliate, Los Angeles, CA.

17. **Burke, L.E.** (1983, Nov.). *Nontraditional Roles for Nurses*. Invited presentation at the Adult Medical-Surgical Practice UCLA Extension, First Annual Symposium on Nursing in the 80's, Los Angeles, CA.
18. **Burke, L.E.** (1986, Sept.). *Non-Invasive Diagnostic Approaches to Ischemic Heart Disease*. Invited presentation at the Future Trends in Cardiovascular Nursing, St. John's Heart Institute, Santa Monica, CA.
19. **Burke, L.E.** (1987, Feb). *Nurse Entrepreneur*. Invited presentation at the Sigma Theta Tau California State University, Long Beach, CA.
20. **Burke, L.E.** (1987, March). *Nurse Entrepreneurship*. Invited presentation at the Distinguished Lecture Series at the University of South California, Department of Nursing, Los Angeles, CA.
21. **Burke, L.E.** (1987, Sept.). *Health Care at the Worksite*. Invited presentation at the Volunteer Leadership Conference, American Heart Association, Los Angeles Affiliate, Los Angeles, CA.
22. **Burke, L.E.** (1988, Feb). *Hyperlipidemia: Detection and Treatment*. Invited presentation at the California Coalition of Nurse Practitioners, Los Angeles, CA
23. **Burke, L.E.** (1990, Feb). *Sexual Counseling of the Cardiac Patient*. Invited presentation at the Annual Nursing Symposium, American Heart Association, Central Coast Chapter, San Luis Obispo, CA.
24. **Burke, L.E.** (1990, Sept.). *Cardiac Care Update, Women & Heart Disease, Detection and Treatment of Hyperlipidemia*. Invited presentation at the Annual Meeting, Holston Valley Medical Center, Kingsport, TN
25. **Burke, L.E.** (1991, March). *Dietary Recommendations for Managing Hypercholesterolemia, Compliance to Treatment: How to Get the Patients To Do Their Part*. Invited presentation at the Cholesterol Education Program for Nurses at Cedars-Sinai Medical Center and the American Heart Association, Los Angeles, CA.
26. **Burke, L.E.** (1992, Sept.). Dunbar-Jacob, J., **Burke, L.E.** *Facilitating Adherence to Risk Factor Intervention*. Invited presentation at the Stanford University School of Medicine, Center for Research in Disease Prevention, in association with the California Society for Cardiac Rehabilitation, Palo Alto, CA.
27. **Burke, L.E.** (1992, Sept.). Dunbar-Jacob, J., & **Burke, L.E.** *Compliance With Antihypertensive Regimen: A Review of the Research in the 1980s*. Invited presentation at the Stanford Center for Research in Disease Prevention and California Society for Cardiac Rehabilitation Conference on Aggressive Management of Risk Factors in Coronary Population. Burlingame, CA.
28. Locke, C., McCall, M., Dunbar-Jacob, J., Sereika, S., **Burke, L.E.**, Rosella, J., Canty, T., & Kwoh, C.K. (1992, Oct.). *Perspectives concerning social support from Rheumatoid Arthritic*

- subjects*. Poster presented at the Fourth Annual Research Conference at the Veterans Administration Medical Center, Pittsburgh, PA.
29. **Burke, L.E.** (1994, Feb.). *The Role of Behavioral and Psychosocial Factors in Lifelong Health, Women and Heart Disease Conference*. Invited presentation at the Western PA District, American Heart Association, Pittsburgh, PA.
 30. **Burke, L.E.**, Dunbar-Jacob, J., Sereika, S., Rosella, J., & Kwoh, C.K. (1994, April). *Dietary patterns of adults with a chronic illness: a descriptive study*. Poster presented at the Eastern Nursing Research Society Sixth Annual Scientific Sessions, Binghamton, NY.
 31. Dunbar-Jacob, J., **Burke, L.E.**, Sereika, S., & Kwoh, C.K. (1995, April). *The association of symptoms and medication adherence among patients with Rheumatoid Arthritis*. Poster presented at the Eastern Nursing Research Society 7th Annual Scientific Sessions, Portland, ME.
 32. **Burke, L.E.**, Ewart, C.K., Thompson, P.D., Rohay, J.M., Matthews, J.T., Sereika, S., & Dunbar-Jacob, J. (1996, April). *Psychometric evaluation of the cholesterol-lowering diet self-efficacy scale*. Poster presentation at the 8th Annual Eastern Nursing Research Society conference, Pittsburgh, PA. Recipient of the Outstanding Graduate Student Poster Award.
 33. Dunbar-Jacob, J., Sereika, S., Rohay, J.M., **Burke, L.E.** (presenter), & Kwoh, C.K. (1996, April). *Predictors of adherence: differences by measurement method*. Paper presented for the Symposium "Issues in Patient Adherence in Nursing Care" at the 8th Annual Eastern Nursing Research Society Conference, Pittsburgh, PA.
 34. **Burke, L.E.**, Dunbar-Jacob, J., Orchard, T.J., & Sereika, S. (1999, April). *A behavioral intervention to improve adherence to a low fat diet*. Paper presented at the 11th Annual Eastern Nursing Research Society Conference, New York, NY.
 35. **Burke, L.E.** (1999, April). *The Role of Funding in Establishing a Research Program*. Invited presentation at the Symposium on Research Funding, 11th Annual Eastern Nursing Research Society Conference, New York, NY.
 36. **Burke, L.E.** (1999, Oct.). *Adherence to a Heart Healthy Lifestyle: What Makes the Difference*. Invited presentation at the 18th Annual Postgraduate Update for Outpatient Cardiac Rehabilitation Nurses, Nursing Enrichment Consultants, Inc., Pittsburgh, PA
 37. **Burke, L.E.** (2001, June). *Compliance to Cardiovascular Therapies*. Invited presentation at the Vermont Society of Cardiovascular and Pulmonary Rehabilitation, 7th Annual Conference, Burlington, VT.
 38. **Burke, L. E.** (2001, June). *Strategies to Improve Compliance to Exercise*. Invited presentation at the Vermont Society of Cardiovascular and Pulmonary Rehabilitation, 7th Annual Conference, Burlington, VT.
 39. **Burke, L.E.** (2007, April). *A Research Program of Behavioral and Nutritional Interventions for Weight Loss*. Invited presentation at the Center for Health Enhancement Research, VA and RAND Groups' Weekly Research Seminar.

40. Ye, L., Youk, A.O., Sereika, S.M., & **Burke, L.E.** (2013). *A Nonparametric Model for Unevenly Sampled Longitudinal Data*. [Poster presentation]. Pittsburgh Chapter of the American Statistics Association.
41. Zheng, Y., Klem, M.L., Sereika, S.M., Ewing, L.J., Danford, C.A., & **Burke, L.E.** (2014). *Self-weighing in Weight Management: A Systematic Literature Review*. Presented at 26th ENRS Annual Scientific Sessions, April 9 - 11, 2014, Philadelphia, PA.
42. Imes, C.C., Ye, L., Conley, Y., & **Burke, L.E.** (2013). *Leptin, leptin receptor, and ghrelin genes and their association with protein levels and body mass index in a sample of weight cyclers*. Poster presented at the meeting of the International Society of Nurses in Genetics, Bethesda, MD, October 4-6, 2013.
43. Ye, L, Youk, AO, Sereika, SM, & **Burke, LE** (2014). *Three-step estimation via local polynomial smoothing for Unevenly Sampled Longitudinal Data*. Oral presentation at ENAR; March 17, 2014, Baltimore, MD.
44. Shaffer, J., Mancino, J.M., Music, E., & **Burke, L.E.** (2015). *Experience of weight loss study participants using mHealth technology for weight loss*. Poster presentation, Pennsylvania Academy of Nutrition & Dietetics Annual Meeting, State College, PA.
45. **Burke, LE** (Feb 24, 2020) *Self-Monitoring of Diet and Exercise in Behavioral Weight Loss Interventions: From Paper to mHealth Devices, Lean In Speaker* Martha S. Pitzer Center for Women, Children, and Youth, Ohio State University, College of Nursing, Columbus, OH

Local

1. **Burke, L.E.**, Sereika, S., Choo, J., Warziski, M., Novak, J., Music, E. & Cartwright, M. (2004, Dec.). *Using technology to document actual patterns of self-monitoring among subjects in a weight loss study*. University of Pittsburgh School of Nursing, Visiting Scholars Program, Pittsburgh, PA.
2. Sevick, M.A., Piraino, B, Bernardini, J., Bender, C., **Burke, L.E.**, Sereika, S. & Starrett, T.J. (2003, April). *Dietary Adherence Enhancement Intervention-BalanceWise Study*, Nursing Horizons Conference-University of Pittsburgh School of Nursing, Pittsburgh, PA
3. **Burke, L.E.**, Styn, M.A., Elci, O.U., Music, E., & Warziski, M. (2007, Oct.). *How do barriers to healthy eating impact weight loss?* Poster presented at the University of Pittsburgh Science 2007 Conference, Pittsburgh, PA.
4. Acharya, S., Elci, O.U., Music, E., Warziski, M., Styn, M.A., & **Burke, L.E.** (2007, Oct.). *Patterns of adherence to standard behavioral weight loss treatment*. Poster presented at the University of Pittsburgh Science 2007 Conference, Pittsburgh, PA.
5. Warziski, M., Sereika, S.M., Styn, M.A., Music, E., & **Burke, L.E.** (2007, Oct.). *Is weight loss self-efficacy different for study participants randomized to a vegetarian diet?* Poster presented at the University of Pittsburgh Science 2007 Conference, Pittsburgh, PA.

6. **Burke, L.E.** Invited participant, *NIH Career Development Award Workshops, Mock Study Section*, Office of Academic Career Development, University of Pittsburgh, February 2009
7. **Burke, L.E.** *Ethical Issues in Obesity Research*, 18th Annual Medical Ethics Update, University of Pittsburgh, Center for Bioethics and Health Law, April 2009.
8. Beatrice, B.N., McGhee, L.M., Barna, M.M., Styn, M.A., Wang, J., & **Burke, L.E.** (2009, October). *Effect of fiber consumption in weight loss study participants*. Poster presented at University of Pittsburgh Science 2009 Conference, Pittsburgh, PA.
9. Barna, M.M., McGhee, L.M., Beatrice, B.N., Burke, L., Styn, M.A., Wang, J., **Burke, L.E.** (2009, October). *Carbohydrate intake in relation to BMI and waist circumference in weight loss trial participants*. Poster presented at University of Pittsburgh Science 2009 Conference, Pittsburgh, PA.
10. McGhee, L.M., Barna, M.M., Beatrice, B.N., Wang, J., Styn, M.A., **Burke, L.E.** (2009, October). *Behavioral weight loss study participants' adherence to energy and fat gram goals at 6 months*. Poster presented at University of Pittsburgh Science 2009 Conference, Pittsburgh, PA.
11. **Burke, L. E.** (2014). *Using Mobile Technology to Improve Behavioral Weight Loss Treatment*, Obesity, Energetics and Cancer Half Day Retreat on Thursday, March 27, 2014
12. **Burke, L.E.** (2016). *Using EMA to Study the Predictors of Relapse*, Invited speaker, Integrative Conference on Technology, Social Media, and Behavioral Health, University of Pittsburgh, May 2nd, 2016.
13. **Burke, L.E.** (2016). *Using Smartphones and Mobile Devices to Collect Real-time Data: Self-Monitoring and Ecological Momentary Assessment (EMA)*. Invited speaker, NYU HealthTech 2016 – Apps, Gadgets & Gizmos, New York University, May 7, 2016.
14. **Burke, L.E.** (2018). Conducted Seminar for T32 Trainees *on Research Program focused on Digital Health*, Dept. of Biobehavioral Nursing and Informatics, University of Washington, October 18, 2018.
15. **Burke, LE** (Jan 21, 2020) *Promoting Lifestyle Change via Tailored mHealth Strategies to Improve Healthy: RCT*, Panel presentation for MoSHE Seminar, University of Pittsburgh.

Workshops or Scientific Conferences

Date: 1999, April

Title: **1st Scientific Conference on Compliance in Healthcare and Research** (2 days)

Organization: **American Heart Association**

Location: Boston, MA

Role: Wrote the scientific conference proposal that was approved by the AHA Education Committee and selected as one of four conferences that would receive AHA support in the planning and execution of the conference. Served as the primary Chair of the Program Planning Committee 1997-1999, chaired a multidisciplinary team of volunteers in finalizing the program, selecting the site, inviting speakers; worked with AHA staff in raising funds to support the conference (approximately \$200,000); over saw the conference. Afterwards, served as primary

editor of the monograph of papers that were presented at the conference, the papers were published in a hardbound book by Future Publishers in 2001. Dr. Ira Ockene served as Co-Chair of the conference and Co-Editor on these projects. Attendance: ~150 with representation from three countries.

Date: 2004, June

Title: **2nd Scientific Conference on Compliance in Healthcare and Research** (2 ½ days)

Organization: **American Heart Association**

Location: Washington, DC

Role: Wrote the scientific conference proposal, which was approved in 2002 by the AHA Education Committee and selected for support by AHA. Was primary Chair of a large multidisciplinary team of volunteers to plan the conference, select topics, select and invite speakers, select the site and hotel, planned a poster session and a call for abstracts, worked with AHA staff in developing and finalizing the logistics of site arrangement and with Development staff in raising approximately \$275,000. Chaired the Abstract Review process. Oversaw the entire process with the Co-Chair, Dr. Ira Ockene and the AHA Conference Staff. Attendance: approximately 230 with representation from 8 countries; approximately 100 abstracts were included in the poster session, abstracts were published in Circulation.

Teaching

Primary Teacher

Term/ Years	Course Number & Title	No. of Students	Level	Didactic or Clinical
Spring 2017	NUR2000 Research for Evidence-Based Practice	20	BSN	Didactic
Spring 2017	NUR 3020: Quantitative Research Methods	3	PhD	Didactic
Summer 2017	NUR 3041 Research Emphasis in Chronic Disorders	5	PhD	Didactic
Fall 2015	NUR3049, Doctoral Research Seminar	8	PhD	Didactic
Summer 2015	NUR3042, Seminar in Chronic Disorders	6	PhD	Didactic
Spring 2016	NUR 3020: Quantitative Research Methods	9	PhD	Didactic
Spring 2016	NUR2000 Research for Evidence-Based Practice	20	BSN	Didactic
Spring 2015	NUR 3020: Quantitative Research Methods	5	PhD	Didactic
Spring 2014	NUR 3020: Quantitative Research Methods	4	PhD	Didactic
Summer 2013	NUR 3041 Research Emphasis in Chronic Disorders	7	PhD	Didactic
Spring 2013	NUR 3020: Quantitative Research Methods	13	PhD	Didactic
Summer 2013	NUR3042, Seminar in Chronic Disorders	8	PhD	Didactic
Spring 2008	NUR 3020: Quantitative Research Methods	5	PhD	Didactic

Spring 2007	NUR 3020: Quantitative Research Methods	7	PhD	Didactic
Spring 2006	NUR 3020: Quantitative Research Methods	9	PhD	Didactic
Spring 2005	NUR 3020: Quantitative Research Methods	14	PhD	Didactic
Fall 2004	NUR 2002: Research Practicum	22	Masters	Didactic
Spring 2004	NUR 2002: Research Practicum	38	Masters	Didactic
Fall 2003	NUR 3020: Quantitative Research Methods	9	PhD	Didactic

Due to high percent effort funded, not responsible for a course during academic years 2007-2011

Guest Lectures

Term/ Years	Course Number & Title	No. of Students	Level	Topic
Summer 2009-14	NUR 3110, Research Instrumentation	5	PhD	<i>Development of a New Instrument</i>
Spring 2009, 2011	EPID 2151, Physical Activity Epidemiology	12	PhD, MPH	<i>Compliance Technology in Lifestyle Intervention Studies</i>
Fall 2009, 2011	EPID 2525 Nutritional Assessment	4	MPH/PhD	<i>Assessment of Food Intake, Lecture and Lab (3 classes)</i>
Fall 2009	NUR 3049 Doctoral Seminar	6	PhD	<i>Doctoral Research Seminar</i>
Summer 2008, 11	NUR 3042, Seminar in Chronic Disorders	6	PhD	<i>Weight and Dietary Behaviors in Chronic Disorders</i>
Summer 2008	NUR 3110, Research Instrumentation	5	PhD	<i>Development of a New Instrument</i>
Spring 2008	NUR 3049 Doctoral Seminar	5	PhD	<i>Doctoral Research Seminar</i>
Spring 2008	NUR0067 Research	20	BSN	<i>EBP – An Example of Evidence for Practice</i>
Spring 2008	NUR Student Enrichment Series, NSA & Alumni Society	25	BSN	Member of panel presentation on <i>Undergraduate Research Opportunities in SON</i>
Fall 2007	NUR 3016, Nursing Theory,	8	PhD	<i>Theory Underlying, Intervention Research</i>
Summer 2007	NUR 1128, Community Health	50	BSN	<i>Nutrition and Weight Control</i>
Summer 2007	NUR 3110, Research Instrumentation	8	PhD	<i>Development of a New Instrument</i>
Summer 2006	EPID 2295, Biochemical and Nutritional Factors in Epidemiology	5	MPH/PhD	<i>Electrolytes and Cardiovascular Health</i>
Fall 2005	NUR 3016, Nursing Theory,	10	PhD	<i>Theory Underlying, Intervention Research</i>
Fall 2005 and	NUR 1128, Community Health	50	BSN	<i>Nutrition and Weight Control</i>

Spring 2006				
Fall 2008	EPID 2295 Biochemical and Nutritional Factors in Epidemiology	4	PH/PhD	<i>Dietary intake assessment and Nutrition Data System-Research</i>
Spring 2009	NUR 1900 Global Health Course	26	BSN/MS	<i>Impact of Global Obesity</i>
Summer 2009	NUR 3110, Research Instrumentation	6	PhD	<i>Development of a New Instrument</i>
Fall 2009	EPID , Epidemiology of Physical Activity	12	MPH/PhD	<i>Compliance to Electronic Monitoring</i>
Spring 2010	EPID , Behavioral Interventions to Improve Lifestyle	15	MPH/PhD	<i>Self-monitoring: Theory and Review of Research</i>
Spring 2010	Chronic Disorders course, Nursing Science Institute, University of Basel, Switzerland	15	MS	<i>Nutrition in Chronic Disorders – Assessment, Treatment & Adherence</i>
Spring 2010	NUR 3049 Doctoral Research Seminar	6	PhD	<i>Presentation of research focused on behavioral interventions</i>
Fall 2018	Merged T32 trainee seminar	14	PhD	<i>Program of Research using mHealth</i>
Fall 2018	Epidemiology Seminar	50+	MPH, PhD	<i>mHealth: Its use in weight management and DVD risk reduction</i>
Spring 2020	Behavioral Medicine Interventions, Psy 2252	7	MS, PhD	<i>Mobile health interventions & the promotion of health behavior change</i>

PhD Dissertations

Student	Dissertation Title	Faculty Role	Training Period	Present professional status
Mary Wojnakowski	<i>Risk Factors Affecting the Occurrence of Postoperative Pulmonary Complications – A Nested Case Control Study</i>	Dissertation Committee Member	1994-2004	Director and Assistant Professor, Midwest U. Nurse Anesthesia Program

Student	Dissertation Title	Faculty Role	Training Period	Present professional status
Melissa Taylor	<i>Social Support, Personal Control, and Psychological Functioning Among Individuals with Heart Failure.</i>	Dissertation Committee Chair	1989-2005	Nursing Research Program Leader, VA Pittsburgh Healthcare System and Core Faculty – Center for Health Equity Research and Practice.
Melanie Warziski Turk	<i>Weight Loss Maintenance: Exploring Racial Differences</i>	Dissertation Committee Chair	2004 - 2008	Assistant Professor, Duquesne University, Pittsburgh, PA
Lorraine Resiner	<i>Health Beliefs and Behaviors of College-Women</i>	Dissertation Committee Member	2002 - 2007	Associate Professor, Carlow University
Alison Colbert	<i>Health Literacy, Self-Efficacy and HIV Medications</i>	Member, Dissertation Committee	2005-2007	Assistant Professor, Duquesne University, Pittsburgh, PA
Kaye Kramer	<i>Diabetes Prevention and Cardiovascular Risk Reduction in Primary Care Practice</i>	Member, Dissertation Committee	2004-2007	Director, Diabetes Prevention Support Center University of Pittsburgh Diabetes Institute
Sushama Acharya, MS	<i>Relationships between diet, weight loss and insulin resistance with adiponectin levels among overweight/obese adults</i>	Dissertation Chair, Epidemiology Program	2006-2010	ORISE Fellow, Office of Surveillance, Epidemiology and Laboratory Services Epidemiology and Analysis Program Office, Centers for Disease Control and Prevention, Atlanta, GA; currently Sodium Research Analyst, Cardiovascular Division, CDC

Student	Dissertation Title	Faculty Role	Training Period	Present professional status
Jing Wang	<i>Predictors of Health-Related Quality of Life among Overweight and Obese Adults Seeking Behavioral Weight Loss Treatment</i>	Dissertation Committee Chair, Nursing	2008-2010	Graduate Student Researcher on Dr. Burke's K24 Award; Post-doctoral Fellow 2010-2011 Assistant Professor, University of Texas, Houston, 2012-present
Susan Simms	<i>Age, Gender, Social Support, Medication Adherence, and Health-Related Quality of Life of Adults with Heart Failure</i>	Member, Dissertation Committee	2009-2011	PhD student, Nursing
Tricia Tuite	<i>The Influence of Exercise Dose, Exercise Intensity, and Weight Loss And Change In C-Reactive Protein in Sedentary Overweight Women</i>	Member, Dissertation Committee	2008-2012	PhD student, Exercise Physiology Assistant Professor, School of Nursing
Renee J. Rogers	<i>The Comparison of a Technology-Based System And In-Person Behavioral Weight Loss Intervention in the Severely Obese</i>	Member, Dissertation Committee	2011-2012	PhD student, Exercise Physiology Assistant Professor, School of Education
Maya Clark	<i>Experience of Managing ESRD Dietary Modifications</i>	Member, Dissertation Committee	2010-2012	PhD student, Nursing Postdoctoral Fellow, University of Pennsylvania

Student	Dissertation Title	Faculty Role	Training Period	Present professional status
David Garcia	<i>Feasibility of a Campaign Intervention Compared to a Standard Behavioral Weight Loss Intervention in Overweight and Obese Adults</i>	Member, Dissertation Committee	2012-2013	PhD student, Exercise Physiology Postdoctoral Fellow, Arizona State University
Erica Ambeba	<i>Associations Between Weight Loss and Regain, Cytokine Concentration, and Insulin Resistance among Overweight/Obese Adults</i>	Chair, Dissertation Committee	2010-2013	PhD student, Epidemiology Research Scientist Coordinator, Nationwide Children's Hospital. Cleveland, OH
Yaguang Zheng	<i>Experiences of Daily Weighing during a 12-month Weight Loss Program</i>	Chair, Dissertation Committee Supervisor of GSR	2010-2015 2020-	Completed PhD Assistant Professor, Boston College. Assistant Professor, NYU Meyers College of Nursing, New York
Rachel Goode	<i>A Feasibility Study to Reduce Binge Eating in Overweight African American Women</i>	Co-Chair, Dissertation Committee, Primary Sponsor of F31	2011-2017	Completed PhD Assistant Professor, University of North Carolina, School of Social Work
Meghan Mattos	<i>Mild Cognitive Impairment in Older Rural Dwelling Adults</i>	Co-Chair, Dissertation Committee, Primary Sponsor of F31, Supervisor of GSR 2012-2014	2012-2016	Completed PhD, Assistant Professor, University of Virginia, School of Nursing

Student	Dissertation Title	Faculty Role	Training Period	Present professional status		
Lei Ye	<i>Three-Step Estimation Procedure and Semiparametric Mixed Effects Model Using Local Polynomial Smoothing for Unevenly Sampled Longitudinal Data</i>	Member, Dissertation Committee, Supervisor of GSR 2011-2014	2011-2014	PhD Candidate, Biostatistics Completed PhD Dec, 2014 Biostatistician in Pharma industry, San Francisco, CA		
Ran Sun	<i>Patient Use and the Association of the Patient Portal with Clinical Outcomes in Individuals with Type 2 Diabetes</i>	Research Advisor	2014-2020 2021	Completed PhD. Postdoctoral Fellow in Informatics, Stanford University School of Medicine Scientist, Johnson & Johnson		
Yang Yu	<i>Patients' Experiences, Post-operative Psychosocial and Behavioral Factors Related to Weight Change among Patients who have Undergone Sleeve Gastrectomy in China</i>	Research Advisor	2015-2020 2020-	Completed PhD (2020), Postdoctoral Fellow, University of Rochester School of Nursing Assistant Professor, U of Rochester School of Nursing		
Jess Cheng	<i>Do Changes in Diet Quality in a Weight Loss Trial Affect Cardiometabolic Risk?</i>	Research Advisor, Chair Dissertation Committee	2019- Overview Feb 2022	Epidemiology student, F31 recipient, NIH predoctoral fellowship 2021, 1 F31 HL156278-01		
Zhadyra Bizhanova	<i>Adherence to the Physical Activity Goal in Adults with Overweight or Obesity</i>	Research Advisor, Chair Dissertation Committee	2020-	Epidemiology student, 3 rd year, advisor role transferred as she became GSR on Dr. Burke's R01. Advanced to candidacy 12/2020		
Pre-doctoral Training Grantee (NIH or AHA)	Pre-doctoral in Training	Pre-doctoral Graduated	Pre-doctoral cont'd. in research	Post-doctoral in Training	Post-doctoral completed training	Post-doctoral cont'd in research
6 of 12	2	11	11	0	5	5

Other Mentoring Activities

Preceptor for Internships

- 2002 Undergraduate student in Information Science, Carlow College – developed web site for NUR 2002 Research Practicum course.
- 2003 Undergraduate student in Information Science, University of Pittsburgh – developed web site for PREFER clinical trial; initiated analysis of data from clinical trial (with a Master’s student in NUR2002 Research Practicum) that resulted in poster presentation at AHA Scientific Council on Compliance
- 2004 Masters student in Exercise Physiology, University of Pittsburgh – mentored on design and delivery of behavioral interventions
- 2009 Mentored three dietetic students (2 undergrad & 1 grad) as part of the Summer Research Experience for Students; each conducted statistical analysis of food recall data to answer a research question related to baseline food intake and biological markers or anthropometric indicators
- 2010 Mentored 2 PhD students in biostatistics as part of a NIH funded postdoc (stimulus funds) Okan Elci; since 2011 Lei We – Le used the SMART Trial data for her dissertation. Completed Dec 2014. Published findings.
- 2014-2016 Quianheng Ma - Master’s level biostat student, used EMPOWER data for thesis. Worked on project as student worker. Defended thesis June 2016, presented findings at AHA Scientific Sessions, Nov 2016, *When is the Ideal Time to Boost Dietary Self-Monitoring in the Prevention of Weight Regain?*
- 2015-present Jonathan Duval, PhD student in rehabilitation science, University of Pittsburgh (co-sponsor F31, not funded)
- 2019- Jessica Cheng, PhD student in epidemiology, Do Changes in Diet Quality in a Weight Loss Trial Affect Cardiometabolic Risk? , recipient F31 predoctoral fellowship 2021, NIH 1 F31 HL156278-01
- 2020- Zhadyra Bizhanova, PhD student in epidemiology, transferred from M Brooks as advisor as she is GSR on my grant, advanced to candidacy Dec 2020

Preceptor for Research Practicum Courses

5 master’s level students

6 doctoral students (nursing), 1 doctoral student (exercise physiology), 1 doctoral level student (epidemiology)

Doctoral and Post-Doctoral Mentorships

- 2004-2010 M. Warziski Turk, received NRSA as doctoral student; completed PhD in 2008. See publications for her work. She continues to participate in co-authoring data-based papers and currently has a 1st author paper under review; in 2010 received Faculty Development Award at Duquesne University where is Assistant Professor.
- 2003-2004 C. Huston-Shikh, doctoral student, practicum for grant writing, submitted application to Sigma Theta Tau in May 2005.

- 2003-2004 Fisun S. Ergun, International Post-Doctoral Scholar, (part time) mentored on advanced psychometric analysis of self-efficacy scale; development of poster presentations and manuscript (see refereed articles and published abstracts).
- 2003-2010 Jina Choo, International Post-Doctoral Scholar, submitted four grants that were not funded. A grant submitted to Sigma Theta Tau in May 2005, funded – *Psychometric Evaluation of the Cholesterol-Lowering Diet Self-Efficacy Scale Short-Form*. Supervised Dr. Choo in the conduct of this study at the Shadyside Hospital Cardiac Rehabilitation Program. Mentored her on development of manuscripts from her dissertation, and papers (see publications) and presentations (see published abstracts) from my funded studies. Dr. Choo completed her International Scholar Program in August 2005 and her DrPH in epidemiology at the Graduate School of Public Health in July 2008. She is an assistant professor in a school of nursing at Seoul University. I continuing to work with her in development of manuscripts; she is co-author on two current papers.
- 2006 Claudia Kregg-Byers, Doctoral student, Research Practicum for the course, Clinical Trials, mentored on how to close a clinical trial and how to set up, recruit, screen and implement a new clinical trial; also on the delivery of behavioral interventions with a focus on nutrition.
- 2005-present Mentored Sushama Acharya, doctoral student in epidemiology. Obtained grant from Dept. of Epidemiology for first phase of dissertation using data from PREFER study; obtained pre-doctoral grant from AHA for the second phase of dissertation using data from SMART trial. Has first authored 4 papers from PREFER and SMART data. She continues to participate in co-authoring data based papers and currently has a paper under review.
- 2005-present Mentored Mindi Styn in post PhD development. Submitted grant to AHA-not funded; submitted K Award to NIDDK-scored but not funded. Submitted grant to KL2, CTSI program, scored but not funded. Obtained grant to cover cost of PET imaging from the UPMC Imaging Dept., studying participants from SMART study post completion of trial. Also designated mentee of K24 for genetics study of SMART participants.
- 2008-2010 Jing Wang, doctoral student, independent study to co-author manuscript, several under review currently. Part time GSR on K24 grant since August 2008. Ms. Wang will do dissertation from data of my ongoing clinical trial. Being mentored in grant writing and secondary analyses.
- 2010-2015 Yaguang Zheng, PhD student in nursing advisee, focus on self-weighting in wt. loss Tx (still mentor her remotely, consultant on R15 grant submitted Jan 2016)
- 2011-2013 Erica Ambeba, PhD in epidemiology student, dissertation chair
- 2011-2017 Rachel Goode, PhD student in social work, advisor; Primary Sponsor F31
- 2012-2016 Meghan Mattos, PhD student in nursing, advisor/mentor for F31
- 2014-2020 Ran Sun, PhD student in nursing, advisor, dissertation chair
- 2015-2020 Yang Yu, PhD student in nursing, advisor, dissertation chair
- 2019- Jess Cheng, PhD student in epidemiology, Sponsor NHLBI F31 application March 2020, awarded April 2021
- 2020- Zhadyra Bizhanova, PhD student in epidemiology, PhD Candidate 2020

Primary Mentorship of T32 trainees:

- 2012-2014 Chris Imes, T32 Genomics Postdoctoral Fellow, primary mentor; continue mentorship since he joined faculty at University of Pittsburgh, ATC Dept.
- 2017-2019 Mia Cajita, T32 Use of technology in the management of chronic disorders, submitted K99R00 grant application October 2018, not funded. August 2019 appointed Assistant Professor, University of Illinois, Chicago, School of Nursing.
- 2018-2020 Yaguang Zheng, postdoctoral fellow, T32 Use of technology in the management of chronic disorders. Submitted AHA Transformational Grant Jan 2020, *Detecting Behavioral Phenotypes of Home Blood Pressure Monitoring that Predict Cardiovascular Health*. Appointed Assistant Professor at NYU June 1, 2020.

Mentorship of Junior Faculty

- 2004-2005 Judy Kaufman, DrPH. Recently completed doctoral program. Grant writing assisted in the process of developing 1 extramural and 2 intramural grants.
- 2005 Eileen Chasens, PhD. Mentored in full process of developing and submitting a K23 Award application; revised for an R21, awarded and completed 2010; R01 award rec'd 2013. Using data from the SMART trial; had poster presentation at Obesity Society, Oct. 2008; working on manuscript development.
- 2002-2005 Participated in weekly and monthly mentoring forums in the School of Nursing for grant writing and manuscript preparation and review. Co-chair the Scholarship Group,
- 2005-2008 Co-Chair of the Scholarship Group, a department mentoring forum that meets monthly; developed Faculty Progression Timeline Grid, HCS Dept. In summer 2008 co-lead a group of faculty to develop a manuscript reporting on the Faculty Grid.
- 2005-2005 Served as mentor to three faculty participants in the Grant Writing Workshop, sponsored by the Center for Research in Chronic Disorders (two U. of Pittsburgh faculty and one visiting from West Virginia University)
- 2005-2012 Serve as mentor to junior faculty member, Kyeongra Yang and have assisted her in development and successful funding of internally funded grants (CRDF and CRCD) and in the development and submission of an R01 February 2010 (pending review). Also have co-authored 2 papers; beginning to work on Dr. Burke's data and have co-authored two papers.
- 2006-2010 Julie Cha, Korea (junior faculty, advising on grant development and manuscripts – has received one grant and published two papers; preparing K Award and accepted tenured faculty position as Assistant Professor at Emory U.
- 2006-2008 Carol Condon, Ireland (doctoral student, using the self-efficacy and outcome-efficacy instruments I developed in my dissertation research)

- 2003-2007 Fisun Senutzen, Izmir, Turkey (faculty member, advising on manuscript, collaborating on further testing of self-efficacy scale)
- 2006 Spoke to Pitt Partners Mentoring Program group regarding progression to tenure.
- 2008 Served as mentor to participant in SON Grant Writing Workshop
- 2008-2012 Founded *Obesity Researchers Journal Club*, attended by graduate students and faculty from across the health science schools. Each month one person presents a limited review of literature on a topic; serve as facilitator; this forum has spawned several collaborations.
- 2012-present Primary sponsor/mentor, Dara Mendez, Assistant Professor, Epidemiology, Graduate School of Public Health, had minority supplement on my R01. Advanced to tenure stream faculty appointment, 2019; PI of R01, under tenure review Nov 2021
- 2015-present Primary research mentor, Chris Imes, Assistant Professor, Dept of Acute Care, SON, attended all data meetings, shared extensive data from previous and present studies for his use in publications/presentations. Mentor and Co-PI (25% effort) on NIH, HLBI R66R33 (5 years) grant submitted Feb 2021, to be revised and resubmitted Feb 2022.
- 2016-present Primary research mentor, Jacob Kariuki, Assistant Professor, School of Nursing. Primary sponsor, Diversity supplement to current R01 funded January 2019. Mentored development/submission of R01 NHLBI in Oct 2021.

Epidemiology Master's Thesis:

- Chairman – one
- Member – five

Doctoral Preliminary Examination Committee, Epidemiology: Member – one (also serving on Comprehensive Examination and Dissertation Committee for same student)

Reviewer/grader – Epidemiology Preliminary Examination, 2007, Master thesis 2019
School of Social Work, Comprehensive Exam 2014

Consultant on Dissertations at Other Universities

- 2001-present Consultant, assisting with selection of instrumentation to measure nutrition knowledge and self-efficacy for low fat diet; student using the Cholesterol-Lowering Diet Self-Efficacy Scale developed by me. Claire Parise, Rutgers University; in data collection phase.
- 2003-2004 Consultant to dissertation re: medication adherence, Wen-Wen Li, *Cultural Factors of Chinese Immigrants as Predictors of Hypertensive Medication Compliance*, University of California at San Francisco, Defended dissertation May 2004.
- 2007-2009 Consultant on dissertation re: use of PDAs for self-monitoring in weight loss intervention study. Laura Shea at Uniformed Services University; defended dissertation March 2009.

2009-2010 External member, Julie Houle, Department of Nursing, Laval University, Quebec, Canada. Optimisation of Physical Activity Behaviour and Cardiovascular Risk Factors Following an Acute Coronary Syndrome through a Home-Based Cardiac Rehabilitation Program: A Randomized Clinical Trial.

Service

University of Pittsburgh

1992-1993 Chancellor Appointee, Search Committee, Vice-Chancellor for the Health Sciences

2003-2007 Member, General Clinical Research Center Advisory Committee, GCRC Protocol reviewer

2004-present Member, Health Sciences Clinical Research Task Force

2006 Member, Clinical Translation Science Award Task Force for Training/Education

2006-present Member, Committee to Develop Investigative Science PhD Program

2007-2008 Member, Health Action Committee to plan yearly conference

2007-2008 Member, Healthy Workforce Task Force, University of Pittsburgh Medical Center

2018-2019 Member: Faculty promotion review: Pitt School of Nursing, School of Rehab Sciences; UCLA School of Nursing

School of Nursing

1999-2000 Member, Dean's Task Force for Revision of Master's Research Courses

2000-2001 Member, Planning and Budget Committee

2000-2001 Chair, Task Force to Develop Guidelines for Dissertations in Publication Format

2001-2002 Chair, Planning and Budget Committee

2002-2003 Chair, Planning and Budget Committee

2002-present Member, Financial Advisory Committee, Dept. of Health & Community Systems

2003-2004 Member, Planning and Budget Committee

2001-present Member, MSN Council

2002-present Member, PhD Council

2002-2003 Member, Search Committee, UPMS Health System Chair in Nursing Science

2002-2003 Member, PhD Curriculum Committee

2003-2004 Chair, PhD Curriculum Committee

2004-2006 Member, PhD Curriculum Committee (conducting review of entire curriculum)

2004-2008 Co-Chair, Scholarship Forum, Department of Health & Community Systems

2004-2005 Chair (appointed by Dean), Research Curriculum Committee (develop recommendations for implementation of Evidence-Based Practice Curriculum)

2005-present Member, Research Task Force for School of Nursing

2005-2006 Chair (appointed by Dean) Task Force to Develop Critical Appraisal Forms for Evidence-based Curriculum

2007-2011 Member, Appointment, Reappointment, Promotion and Tenure Committee

2006 Member, Task Force on Alignment of Student-Faculty Research Interests, PhD Program

2007-2013 Chair, Mentorship Task Force, SON

2007 Member, Task Force for Guidelines for Writing a Dissertation in Manuscript Format

2008-2013 Co-Chair, Faculty Development Seminar Series, sponsored by Mentorship TF and CRE

2008-2009 Member, International Education Program for Global Health and Nursing

2010-2011	Member, PhD Curriculum Committee
2011-2011	Chair, PhD Curriculum Committee
2011-2013	Chair, PhD Curriculum Committee
2011-2013	Chair, PhD Program Director Search Committee
2013-2014	Member, Task Force for Development of PhD Program Student Progression and Faculty Mentor Evaluation
2015-2016	Member, Planning and Budget Committee
2015-2016	Member, Planning and Budget Committee
2015-2016	Member, Task Force on Communication
2016-2017	Member, PhD Curriculum Committee

National Committees and Working Groups

National Council on Patient Information and Education Board of Directors (NCPIE):

1998-2000	AHA Representative, Board of Directors
2001-2002	AHA Representative, Board of Directors
2002-2004	AHA Representative, Board of Directors
1999-2001	Member, Public Relations Committee
2000-2001	Member, Conference Committee
2000-2001	Chair, Council of Consumer Affairs

Regional Committees and Working Groups

1983-1985	Chairperson, Clinical Nurse Specialist Interest Group, California Nurses Association (CNA), Region 6
1983-1984	Member, Risk Stratification Task Force, Greater Los Angeles Affiliate, American Heart Association (AHA)
1984-1985	Member, Coordinating Committee, Strategic Planning Task Force, Greater Los Angeles Affiliate, AHA
1984-1985	Chair, Cardiovascular Rehabilitation Task Force for Strategic Planning, Greater Los Angeles Affiliate, AHA
1985-1986	Chair, Primary Prevention at the Healthsite Task Force, Greater Los Angeles Affiliate, AHA
1986-1987	Chairperson, Healthsite and Worksite Task Force, Greater Los Angeles Affiliate, AHA
1985-1990	Member, Board of Directors, Greater Los Angeles Affiliate, AHA
1979-1983	Instructor, Cardiopulmonary Resuscitation, AHA
1978-1979	Member, Committee to Establish Criteria for Cardiac Rehabilitation Programs, Professional Standards and Review Organization (PSRO)
1978-1982	Member, Technical Review Committee for Professional Education Programs, Greater Los Angeles Affiliate, AHA
1979-1982	Member, Program Committee, Greater Los Angeles Affiliate, AHA
1987-1990	AHA
1980-1983	Co-Chair, Cardiovascular Nursing Committee, Greater Los Angeles Affiliate, AHA
1980-1984	Member, Public Education Forum Committee, Greater Los Angeles Affiliate, Western Division, AHA
1980-1984	Chair, Subcommittee on Exercise, Lifestyle Management Project, Greater Los Angeles Affiliate, Western Division, AHA
1980-1983	Member, Heart Information Service Committee, Greater Los Angeles Affiliate, AHA

1982-1983 Member, Annual Fund Raising Committee, UCLA, School of Nursing Alumni Association

1980-1983 Member, Educational Materials Committee, Greater Los Angeles Affiliate, AHA

1983-1984 Member, Governing Board, Greater Los Angeles Affiliate, Western Division, AHA

1983-1984 Member, Task Force on Advanced Nursing Practice, CNA

1983-1985 Member, Board of Directors, CNA, Region 6

1983-1984 Chairperson, Lifestyle Management Committee, Greater Los Angeles Affiliate, Western Division, AHA

1983-1985 Commissioner (Region 6) (State) Nursing Practice Commission, CNA

1985-1989 Alternate Commissioner, Nursing Practice Commission, CNA

1984-1985 Co-Chairperson, County-wide Coordinating Committee, Lifestyle Management Project, Greater Los Angeles Affiliate, Western Division, AHA

1989-1990 Member, Nominating Committee, Greater Los Angeles Affiliate, AHA Community

1984 Volunteer, Handicapped Services, Los Angeles Olympic Committee, Los Angeles Summer Games

2010-2012 Volunteer, Ten Thousand Villages –fair trade retail store