Date Prepared	September 22, 2026
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Education

PhD (Psychosocial Oncology), University of Pennsylvania, Philadelphia, PA Dissertation Title: Patterns of symptom distress in adults undergoing treatment for lung cancer Advisor Name: Ruth McCorkle PhD, RN, FAAN	1998
CRNP (Adult Primary Care), University of Pennsylvania, Philadelphia, PA	1992
MSN (Oncology Nursing), University of Pennsylvania, Philadelphia, PA	1986
BSN (Dean's List), Thomas Jefferson University, Philadelphia, PA	1982
RN (Diploma Nursing), Thomas Jefferson University, Philadelphia, PA	1979

Postdoctoral Training

Post-Doctoral Fellowship in Psychosocial Oncology, University of Pennsylvania, Philadelphia, PA	1998-2000

Academic Appointments

Professor of Nursing (Tenure) School of Nursing, Bouve College of Health Sciences, Northeastern University Boston, MA	2026-
Associate Professor of Nursing (Tenure) College of Nursing and Health Sciences, University of Massachusetts-Boston, Boston, MA	2014-2018
Tenure	2014

Assistant Professor of Nursing 2007-2014
College of Nursing and Health Sciences, University of Massachusetts-Boston, Boston, MA

Instructor 2003-2011
Department of Psychiatry, Harvard Medical School, Boston, MA

Clinical Instructor 1997-1998
Graduate Program in Oncology Nursing, University of Pennsylvania School of Nursing, Philadelphia, PA

Lecturer 1989
Undergraduate Nursing Program, University of Pennsylvania School of Nursing, Philadelphia, PA

Adjunct Faculty 1988-1994
Graduate Program in Oncology Nursing, University of Pennsylvania School of Nursing, Philadelphia, PA

Hospital or Affiliated Institution Appointments

Affiliate Professor 2025-2026
School of Nursing, Bouve College of Health Sciences
Northeastern University, Boston, MA

Associate Director, Intervention Development, and Implementation Core 2024-
Symptom Science Precision Health Program
Phyllis F. Canter Center, Research in Nursing and Patient Care

Scholar-in-Residence 2018-2021
Oncology Nursing Society, Pittsburgh, PA

Co-Director, Tobacco Treatment Program 2016-2019
Lung Program, Brigham and Women's Hospital, Boston, MA

Nurse Scientist 2002-present
Phyllis F. Cantor Center, Dana-Farber Cancer Institute, Boston, MA

Research Associate/Adult Nurse Practitioner 2000-2002
Smoking Cessation Research Program, Harvard Medical School/Harvard School of Dental Medicine, Boston, MA

Advanced Practice Nurse 1994-1997
Impact of Nursing on Quality of Life Outcomes in the Elderly, University of Pennsylvania School of Nursing, Philadelphia, PA

Adult Nurse Practitioner/Coordinator 1989-1994
Lung Tumor Clinic, Philadelphia Veterans Affairs Medical Center, Philadelphia, PA

Oncology Clinical Nurse Specialist 1986-1989
Medical Oncology Unit, Hospital of the University of Pennsylvania, Philadelphia, PA

Staff Nurse 1983-1986
Oncology Study Unit, Hospital of the University of Pennsylvania, Philadelphia, PA

Staff Nurse 1980-1983

Respiratory Intensive Care Unit, Thomas Jefferson University Hospital, Philadelphia, PA

Staff Nurse 1979-1980
Medical Oncology Unit, Thomas Jefferson University Hospital, Philadelphia, PA

Honors and Awards

Multi-level Intervention Research Training Program, NCI	2021
Training in Dissemination and Implementation Research in Cancer, NCI	2019
Mixed Methods Research Scholar, NIH	2016
Leadership Institute, Society of Behavioral Medicine	2015
Fellow, American Academy of Nursing	2012
Behavioral Scientist Travel Award to attend Frontiers in Cancer Prevention Conference, American Cancer Society/American Association for Cancer Research	2006
Behavioral Research Program, Advanced Training Institute on Health Behavior Theory, National Cancer Institute	2005
New Investigator Award, Oncology Nursing Society	2003
NIH Summer Training Institute for Randomized Clinical Trials Using Behavioral Interventions Fellowship, Office of Behavioral and Social Sciences Research	2002
University of Pittsburgh Center for Research in Chronic Disorders and NIH Quality of Life Research Training Course	1998
NCI Research Course, Oncology Nursing Society	1998
Doctoral Nursing Scholarship, Oncology Nursing Foundation	1997-1998
Doctoral Nursing Scholarship, American Cancer Society	1995-1998
Institutional National Research Service Award, NINR	1994-1998
Regional Nursing Award for Scholarship and Clinical Excellence, Veterans Affairs Medical Center	1992
Helen A Hodes Clinical Excellence Award, Thomas Jefferson University	1979

Professional Memberships and Activities

Professional Societies

American Society of Clinical Oncology	2013-present
American Psycho-Oncology Society	2004-present
Society for Behavioral Medicine	2003-present
Society for Nicotine and Tobacco Research	2000-present
American Thoracic Society	1998-2000
Eastern Nursing Research Society	1994-present
Sigma Theta Tau, Xi Chapter, International Honor Society in Nursing	1986-present
Oncology Nursing Society	1982-present
American Nurses Association	1982-present

National Committee Activities

National Cancer Institute Study Section: Health Services and Systems: Career Development Grant Review Meeting (2026/10 ZRG1 T29-M (25)	2026
National Cancer Institute Study Section: Scaling-up and Maintaining Evidence-based Interventions to Maximize Impact on Cancer Tobacco Use and Lung Cancer Screening	2025
National Cancer Institute SBIR/STTR Study Section ZRG1 CCHI-G (10) [Small Business: Clinical Care and Health Interventions]	2024
National Cancer Institute SBIR/STTR Study Section ZRG1 HSS- (J-10) March 15-16, 2023	2023
National Cancer Institute SBIR/STTR Study Section ZRG1 HSS- (J-11) June 29-30, 2022	2022
National Cancer Institute Program Project V Panel 2022/01 ZCA1 SRB-K (J1) P October 28 and 29, 2021	2021
National Cancer Institute Special Emphasis Review Panel ZCA1 SRB-X (M2) SEP-7: Research Answers to NCI Provocative Questions (PQ7)	2021
Oncology Nursing Society/National Institute of Nursing Research/National Cancer Institute Research Colloquium Planning Committee, Co-Leader	2020-2021
Oncology Nursing Society Translational Science: Accelerating Evidence-Based Practice into Cancer Care Settings Think Tank Co-Leader	2020
Personalized Medicine Coalition Advisory Board	2019-2021
NRG Cancer Care Delivery Research Chairperson	2019-present
National Cancer Institute Cancer Care Delivery Steering Committee	2019-present
Oncology Nursing Society Mentorship Task Force Co-Leader	2018-2019
Oncology Nursing Society Research Priorities Task Force Co-Leader	2018-2019
National Institute of Health Review Committee for RFA Accelerating Colorectal Cancer Screening and follow-up through Implementation Science	2018
Oncology Nursing Society Research Advisory Committee	2017
National Institutes of Health Review Committee for RFA Lung Cancer Screening	2016
National Institutes of Health Review Committee for Special Emphasis Panel ZRG1 OTC-55 PAR-15-276	2016
National Institutes of Health Review Committee for Nursing and Related Clinical Sciences	2015
American Psychosocial Oncology Education Committee	2014
Oncology Nursing Society Research Priorities Content Development Leader for Symptoms	2014
Oncology Nursing Society Research Priorities Think Tank	2013
Society of Behavioral Medicine Program Planning Committee	2013

American Society for Behavioral Medicine Program Planning Committee	2013
American Psychosocial Oncology Society Program Planning Committee	2013
Patient Centered Outcomes Research Institute Research Reviewer	2012
United States Preventative Services Task Force Topic Group for Stakeholders Pilot for Screening for Lung Cancer (Representing Oncology Nursing Society)	2012
American College of Chest Physicians Lung Cancer Guidelines for Diagnosis and Management Initiative (Peer Reviewer)	2012
National Cancer Institute Review Subcommittee J for Population and Patient-Oriented Training	2007-2012
American College of Chest Physicians Lung Cancer Evidence-based Guidelines for Diagnosis and Management Revision Writing Committee (End-of-Life Committee)	2005-2007
Clinical Journal of Oncology Nursing Mentorship Writing Program	2001-2002
American College of Chest Physicians Lung Cancer Guidelines for Diagnosis and Management Initiative (Peer Reviewer for Guideline Development, Cancer Prevention and End of Life Care)	2001-2002
American Thoracic Society End of Life Task Force	1999-2000
Oncology Nursing Society Research Project Team (Abstract Reviewer)	1994-present
Oncology Nursing Society Clinical Practice Committee	1992-1994
Oncology Nursing Society Certification Committee	1988-1992

<u>Regional Committee Activities</u>

American Lung Association North East Summit for CT Screening for Early Lung Cancer Detection		2013
Tobacco Outcomes Committee, American Cancer Society, New England Region		2002-2005
Philadelphia Area Chapter Oncology Nursing Society		1986-1993
Chair, Nominations Committee	1992-1993	
President	1991-1992	
President-Elect	1990-1991	
Member, Program Planning Committee	1988	
Co-Chair, Program Planning Committee	1986-1988	

Editorial Responsibilities

Journal of Clinical Oncology, Editorial Board for Oncology Informatics Journal	2016-2020
Annals of Behavioral Medicine, Reviewer	2013-present
Cancer, Reviewer	2005-present
Chest, Reviewer	2004-present
Oncology Nursing Forum, Reviewer	2003-present
Critical Reviews in Oncology/Hematology, Ad Hoc Reviewer	2003-present
Cancer Nursing, Reviewer	2002-present
Quality of Life Research, Reviewer	2001-present
Journal of Clinical Oncology	2001-present

Cancer Practice, Ad Hoc Reviewer	1998-2002

Educational Activities

Educational Administration and Leadership

Tenure and Promotion Committee, Northeastern University	2026

Educational Administration and Leadership

Departmental Personal Committee, University of Massachusetts-Boston	2014-2018
Faculty Search Committee, University of Massachusetts-Boston	2014-2016
U54 Program Co-Director of Cancer Nursing and Health Disparities Post-doctoral Program. Dana-Farber Cancer Institute and University of Massachusetts-Boston	2011-2018
U56 Committee Member, Dana-Farber Cancer Institute and University of Massachusetts-Boston	2007-2010
U56 Coordinator of Mentorship Program, Dana-Farber Cancer Institute and University of Massachusetts-Boston	2005-2007
U56 Project Director, Dana-Farber Cancer Institute and University of Massachusetts-Boston	2005-2007

Teaching Activities

Integrating Theory and Research Dissertation Seminar	2017
Scientific Basis for Chronic Illness Prevention	2016
Mixed Methods Research, Faculty	2015-2017
Context of Cancer Nursing, Faculty	2008-2014
Basis for Cancer Nursing, Faculty	2008-2014

Clinical Teaching and Supervision

Instructor, Oncology advanced practice nursing graduate students, Yale University, School of Nursing	2006-2007
Instructor, Oncology advanced practice nursing graduate students, University of Pennsylvania, School of Nursing	1997-1998
Instructor, Undergraduate nursing students in chronic illness, University of Pennsylvania, School of Nursing	1989
Preceptor, Oncology advanced practice nursing graduate students, University of Pennsylvania, School of Nursing	1998-1994

Graduate Student Education

PhD Program Planning Committee Member, University of Massachusetts-Boston	2012-2018

Development of Curricula and Educational Materials

Symptom management course for advanced practice nurses, Yale University School of Nursing	2006-2007
PhD program planning for BS to PhD students, University of Massachusetts-Boston	2009-2010

Selected Local Contributions

Oncology Nursing Scholar Program, Northeastern University	2026
Population Science Outcomes Seminar, Dana-Farber/Harvard Cancer Center	2024
University of Massachusetts College of Nursing Research Day	2023
Nursing and Patient Care Services, Scholarship Day, Dana-Farber Cancer Institute	2019
Psychosocial Oncology and Palliative Care Seminar, Dana-Farber Cancer Institute	2017
Thoracic Oncology Seminar, Dana-Farber Cancer Institute	2013
Population Science Seminar, Dana-Farber Cancer Institute	2012
Population Science Seminar, Dana-Farber Cancer Institute	2011
Thoracic Oncology Seminar, Dana-Farber Cancer Institute	2010
Thoracic Oncology Seminar, Dana-Farber Cancer Institute	2009
Oncology graduate program, Yale University School of Nursing	2008
Doctoral dissertation seminar, Yale University School of Nursing	2008
Thoracic Oncology Seminar, Dana-Farber Cancer Institute	2007

Selected Regional Contributions

Ruth McCorkle Retirement Celebration, Invited podium presentation, Influence of science on symptoms and quality of life	2019
Art and Science of Palliative Care Nursing, Invited keynote address, A systematic approach for symptom assessment and management, Waltham, MA	2019

Selected National Contributions

Patient-Reported Tobacco Use Integrated With EHR Clinical Decision Support for Lung Cancer Screening in Primary Care, American Society for Clinical Oncology Quality Symposium, Boston, MA	2026
A Randomized Controlled Trial of a Digital Lung Health Intervention to facilitate Smoking cessation and lung cancer screening. Rescue Lung Society, Boston, MA	2025
Using the National Community Oncology Research Program Network to Scale and Spread Research, University of South Carolina, Cancer Survivorship Research Center, College of Nursing, Columbia, South Carolina	2024
Cancer Clinical Pathways Congress, Cancer symptom management: Focus on treating the individual, Boston, MA	2023
National Cancer Institute Connect Expert Panel on Survivorship in Neuro-oncology	2021
National Institute of Nursing Research/National Cancer Institute/Oncology Nursing Society Research Colloquium. NRG Oncology NCORP: Opportunities for multi-site, population-based symptom, cancer care delivery and health Disparities research, Virtual conference	2021
Oncology Nursing Society, Best of Research, Lessons from specifying requirements of a CDS system for cancer symptom management, Podium presentation, Oncology Nursing Society Annual Congress, San Antonio, TX	2020
Oncology Nursing Society, Panel Discussion, Research Priorities 2019-2022, Podium presentation, Oncology Nursing Society Annual Congress, San Antonio, TX	2020

A panel discussion on the Oncology Nursing Society research priorities 2019-2022. Oncology Nursing Society Annual Congress, Virtual	2020
Lessons from specifying requitements of a clinical decision support system for cancer symptom management. National Institute for Nursing Research/National Cancer Institute and Oncology Nursing Society Research colloquium, Virtual	2020
Oncology Nursing Society, Research critique of personalized pain management strategies scoping review, Podium presentation, Oncology Nursing Society Annual Congress, Orlando, FL	2019
Oncology Nursing Society, Research priorities 2019-2022, Town Hall, Oncology Nursing Society Annual Congress, Orlando, FL	2019
Use of technology to enhance geriatric assessment: Algorithm-based clinical decision support, Symposium, Faculty presenter, Multinational Association for Supportive Care in Cancer Annual Conference, Washington, DC	2017
Tobacco treatment implementation into a lung program, Leadership program: Poster session, Society for Behavioral Medicine Annual Conference, Washington, DC	2016
Decision support for self-management of symptoms during cancer treatment, Podium presentation, Faculty presenter, Patient Centered Research Outcomes Institute Annual Conference, Arlington, VA	2015
Implementation of a lifestyle intervention for adults with lung cancer: A pilot study, Podium presentation, Society of Behavioral Medicine, San Antonio, TX	2015
Point-of-care clinical decision support for cancer symptom management: Results of a group randomized trial, Podium presentation, American Society for Clinical Oncology Palliative Care Conference, Chicago, IL	2014
Patient and caregiver perspectives of symptom and quality of life during cancer treatment: Implications for E-health, Podium presentation, Council of Advanced Nursing Research, Washington DC	2014
Evaluation of a web-based symptom management decision support system: Patient perspectives, Podium presentation, American Psychosocial Oncology Meeting, Tampa, FL	2014
Algorithm-based decision support for symptom management, Visiting Scholar, Grand Rounds, National Cancer Institute, Rockville, MD	2014
Evidence-based smoking cessation interventions, Visiting Scholar, National Cancer Institute, Rockville, MD	2014
Nursing interventions across the lifespan: Smoking cessation, Symposium presentation, Society of Behavioral Medicine, Philadelphia, PA	2014
Patient and caregiver perspectives of symptom and quality of life experiences during cancer therapies: Implications for E-health, Podium presentation, Oncology Nursing Society Cancer Care Connections Research Meeting, Dallas, TX	2013
Evaluation of a web-based clinical decision support system report using algorithms for symptom management, Poster Presentation, American Psychosocial Oncology Society, Huntington Beach, CA	2013
Decision support for symptom self-management, Patient-Centered Outcomes Research Institute Panel Presentation, Society for Behavioral Medicine, San Francisco, CA	2013

The relationship among stress, multiple health behaviors and health-related quality of lung in lung cancer patient-family member dyads., Podium presentation, Society for Behavioral Medicine, New Orleans, LA	2012
Development of multidisciplinary symptom management algorithms to enhance web-based clinical decision support in ambulatory thoracic oncology, Podium presentation, Oncology Nursing Society Annual Congress, Boston, MA	2011
Multi-National and multi-institutional clinical decision support using a common clinical decision support service, Invited panel presentation, American Medical Informatics Association, Washington, DC	2010
Factors associated with abstinence in smokers with lung and head and neck cancer, Poster presentation, Society for Behavioral Medicine, Seattle, WA	2010
Use of biochemical verification and abstinence measures to enhancing methodological rigor in smoking research, Poster presentation, Society for Research in Nicotine and Tobacco, Baltimore, MD	2010
Tobacco control in cancer care: Nurse, patient and policy perspectives, Invited symposium presentation, Oncology Nursing Society, San Antonio, TX	2009
Smoking history, drug toxicity and survival among lung cancer patients receiving epidermal growth factor receptor tyroisine kinase inhibitor, Poster presentation, American Society of Clinical Oncology, Chicago, IL	2008
Smoking cessation interventions in cancer care: Missed opportunities, Poster presentation, Oncology Nursing Society Research Conference, Las Vegas, NV	2007
Age-related differences in smoking relapse among women, Invited podium presentation, Oncology Nursing Society Research Conference, Las Vegas, NV	2007
Mentorship in nursing; Lessons learned, Invited plenary session, Oncology Nursing Society Research Conference, Las Vegas, NV	2007
Gender differences in smoking relapse, Invited podium presentation, Oncology Nursing Society, Boston, MA Selected as 1 of top 3 research papers	2006
Gender differences in smoking relapse, Poster presentation, Society for Behavioral Medicine, San Francisco, CA	2006
Patterns of smoking among women with lung cancer, Late-breaking research session, Society for Behavioral Medicine, Baltimore, MD	2004
Patterns of symptom distress in adults receiving treatment for lung cancer, Invited lecture, Oncology Nursing Society Research Conference, Denver, CO New Investigator Award	2003
Women's experience with lung cancer, Symposium, Oncology Nursing Society Annual Congress, Denver, CO	2003
Living with lung cancer: The women's perspective, Symposium, Oncology Nursing Society Annual Congress, Washington, DC	2002
Recruitment and retention of women with lung cancer into clinical research, Symposium, Oncology Nursing Society Research Conference, San Diego, CA	2001
Health related quality of life: Focus on symptom distress., Invited lecture, Distinguished Scholar Series, University of Massachusetts-Boston, Boston, MA	2000

Selected International Contributions

World conference for lung cancer Invited podium presentation, A randomized controlled trial of a digital lung health intervention to facilitate smoking cessation and lung cancer screening, San Diego, California	2024
Cancer symptom science expert meetings, Expert panel state-of-the science, Integrating algorithm-based clinical decision support into the electronic health record	2023
First international workshop on patient and public involvement in cancer research, Invited keynote, Agora Cancer Research Center, Lausanne, Switzerland	2022
Use of algorithm-based decision support for distress screening. Invited panel member, World Congress, International Psychosocial-oncology Society Meeting, Washington DC	2015
Point-of-care clinical decision support for assessment and management of psychosocial distress, Invited workshop, International Psycho-Oncology World Congress of Psycho-Oncology, Washington, DC	2015
Patient preferences for smoking cessation interventions, Poster presentation, Society for Behavioral Medicine, Montreal, Quebec, Canada	2009
Quality of life measurement and assessment of outcome, Invited podium presentation, Chest International Meeting, Montreal, Canada	2005
Symptom prevalence, distress, and change over time in adults receiving treatment for lung cancer, Invited podium presentation, American Thoracic Society International Meeting, Toronto, Canada	2000

Advising and Mentoring

Faculty

Anupama Singh MD, Jack Mitchell Thoracic Surgery Oncology Research Fellow, Thoracic Surgery, Brigham and Women's Hospital, Data analysis, writing abstracts and manuscripts for dissemination of research findings	2023-2025
Maryum Zaidi PhD, RN, Assistant Professor, Solomot School of Nursing, University of Massachusetts-Lowell. Grant writing and submission of grant proposals	2023-present
Manan Nayak PhD, Research Scientist, Phyllis F. Cantor Center, Research in Nursing and Patient Care Services, Dana-Farber Cancer Institute, Writing manuscripts for publication, writing and submission of grants	2021-present
Andrea Enzinger MD, Assistant Professor, Medical Oncology, Dana Farber Cancer Institute. Collaborator on R21, Development and testing of pain management app	2019-2021
Hermine Poghosyan PhD, RN, Assistant Professor, Northeastern University; Grant writing and submission of grant proposals	2014-2021
Hermine Poghosyan PhD, RN, Associate Professor, Yale University, Grant writing and submission of grant proposals	2021-present
Meghan Underhill-Blazey, Assistant Professor, University of Rochester, School of Nursing, Collaborator on research team, co-lead mixed methods aspect of the Digital enhanced smoking cessation intervention for high-risk smokers	2019-2024

Doctoral Students

Hayley Dunnack, University of Connecticut, School of Nursing	2020-2024

Anyad Prasad, University of Massachusetts-Boston, Gerontology 2020-2024

Hua Chu, University of Massachusetts-Boston, Gerontology 2020-2024

Emily Gesner, University of Massachusetts-Boston, College of Nursing 2017-2019

Katherine Valorie, University of Massachusetts-Boston, College of Nursing 2017-2019

Student Doctoral Committees

Yao Zhang, University of Massachusetts-Boston, College of Nursing 2023
Dissertation Committee

The relationship between information health-seeking behaviors and health status in cancer survivors in the US

Sabreen Darwish, University of Massachusetts-Boston, College of Nursing; 2020
Dissertation Defense Chairperson

Influence of the social network on tobacco use behaviors in Arab Americans

AbdulMuhsen M AbuFannouneh, University of Massachusetts-Boston, College of Nursing; Dissertation Defense Committee 2017

System-level factors affecting breast cancer screening in Palestine women

Joyce Johnson, University of Massachusetts-Boston, College of Nursing; Preliminary Exams Chairperson 2017

Surrogate decision-making in ICU

Andrew Wolanksi, University of Massachusetts-Boston, College of Nursing, Doctor of Nursing Practice Program; Capstone Committee Chair 2015

Facilitating end-of-life discussions in clinical trials

Lorraine Drapek, University of Massachusetts-Boston, College of Nursing, Doctor of Nursing Practice Program; Capstone Committee Chair 2015

Promoting sexual health in women after pelvic radiation treatment

Joyce Johnson, University of Massachusetts-Boston, College of Nursing, Independent study, Population Health Track; Faculty Supervisor 2015, 2016

Joyce Johnson, University of Massachusetts-Boston, College of Nursing, Independent study, Population Health Internship, Faculty Supervisor 2015

Fatma Zohra Mataoui, University of Massachusetts-Boston, College of Nursing; 2014
Reader, Preliminary Exam Committee

Validity and Reliability of self-report measures for knowledge and attitude in genetic screening for breast cancer

Min Jun Kim University of Massachusetts-Boston, College of Nursing; Chair, 2014
Preliminary Exam Committee

Attitude toward HPV vaccination behavior among adolescents and young adults: Methodological issues in measuring attitude

Laurie Stevens, University of Massachusetts-Boston, College of Nursing; Reader, Preliminary Exams Committee 2013

Conscientious objection by health care personnel: A methods assessment

Gretchen Kilbourne, University of Massachusetts-Boston, College of Nursing; 2013
Reader, Preliminary Exams Committee

Massachusetts Policy on concussions in youth sports: An analysis; Concussions in youth sports: A methods assessment of concussion evaluation testing

Maryuum Kasmi, University of Massachusetts-Boston, College of Nursing; Qualifying Exam Committee 2012

Patient engagement

Dany Hilaire, University of Massachusetts-Boston, College of Nursing; Qualifying Exam Committee 2011

Acculturation

Kristin Roper, University of Massachusetts-Boston, College of Nursing; Dissertation Proposal Defense Committee 2010

Factors associated with return to work among colorectal cancer survivors

Shan Liu, Yale University, School of Nursing; Dissertation Committee 2007

Patterns of symptom distress after treatment for ovarian cancer

Janet Van Cleave, Yale University, School of Nursing; Dissertation Committee 2007

Patterns of function during treatment among elders with cancer

Post-doctoral Fellows

Joosun Shin, Mittelman Family Fund post-doctoral fellowship in integrative therapeutics, Phyllis F. Cantor Center, Dana-Farber Cancer Institute 2023-2025

Rishi Seker, University of Michigan, post-doctoral fellowship in cancer care delivery research, Rogel Cancer Center and School of Nursing, NRG Oncology Research Fellow 2022-2023

Megan Mullins, University of Michigan, post-doctoral fellowship in cancer care delivery research, Rogel Cancer Center and School of Nursing, NRG Oncology Research Fellow 2020-2022

Amanda Green-Blok, University of Massachusetts-Worcester, School of Medicine, Dissemination and Implementation 2015-2017

Daryl Somayaji, UMB/DFHCC post-doctoral fellowship in cancer nursing and health disparities, University of Massachusetts-Boston, College of Nursing 2012-2015

Research Activities

Grants

Current

National Cancer Institute R01 Site PI 2021-2026

Longitudinal Mixed Method Investigation of Social Networks and Affective States as Determinants of Smoking Behavior among Cancer Patients

The proposed study seeks to examine the dynamics of smoking behaviors within the social network of patents with tobacco-related cancers. Smoking behaviors tend to cluster within the family and friends of smokers and continued smoking within the social network of patients with cancer makes it very difficult to quit and stay quit. Thus, this study will be the first to examine how smoking behaviors change within social networks after the diagnosis of cancer. The findings from

this study have the potential to develop and test innovative relationship-based interventions to enhance the uptake of smoking cessation interventions among an important target population.

Cancer Nutrition Consortium	Foundation Grant	Co-PI	2022-2026

Development and Usability Testing of Nutrition Algorithms for Cancer Health Outcomes (NACHO) and Quality of Life during Cancer Treatment

The aims for this project are to develop and evaluate the usability and acceptability of algorithms to promote optimal nutrition during treatment for cancer and to determine the effectiveness on optimizing nutritional status and quality of life among patients with breast, gastrointestinal, lung, gynecological or hematological malignancies.

National Comprehensive Cancer Network/Astra Zeneca	Improving patient care and outcomes for patients with early-stage NSCLC	Co-PI	2022-2026

Optimizing the Process and Uptake of Lung Cancer Screening among Patients, Providers, and Across the Health Care System

This project will develop and pilot-test a system-level clinical decision support (CDS) tool that engages patients and providers in improving the process of tobacco use data collection, delivery of tobacco treatment, shared decision-making, tracking eligible patients, and providing best practice advisory alerts to promote uptake of lung cancer screening. The primary outcomes for the pilot implementation study will be: acceptability and feasibility of implementing the CDS tools among providers and patients. The secondary outcomes will be adoption rates among the targeted providers/patients, appropriateness (providers'/patients' perception of fit), and penetration (provider) of the intervention. The outcomes from this study will position us for broader implementation across the entire health care system.

2UG1CA189867-06 (Bruner)	UG1	Committee Chair	2020-2026

NRG Oncology National Community Oncology Research Program

The objective of this proposal is to establish and maintain the NCORP (National Community Oncology Research Program) for the NRG Oncology research base. The NRG NCORP is the result of aligning the legacy CCOPs (Community Clinical Oncology Programs) from three NCI Cancer Cooperative Groups: NSABP, RTOG and GOG. NRG NCORP will engage fully with NCI-designated NCORP community physicians and patient advocates as well as the NCI and other NCI-sponsored entities (cooperative groups, cancer centers, SPOREs) to collaborate across the NCTN to improve cancer prevention and control, cancer care and outcomes, and quality of life for patients affected by cancer.

U54 National Cancer Institute		Co-PI	2024-2026

Efficacy of an Asian Culture-tailored Lung Health (ACT) Intervention on Lung Cancer Screening and Smoking Cessation in Asian Americans

Profound health disparities exist in lung cancer prevention, diagnosis, and treatment among Asian Americans (AAs). Our study aims to examine the efficacy of an Asian culture-tailored (ACT) lung health intervention facilitating lung cancer screening (LCS) and smoking cessation (SC) in Chinese and Korean Americans who are at high risk for lung cancer. The ACT lung health intervention is built on our prior studies, which yielded significant treatment effects on LCS completion and smoking abstinence. The intervention comprises four components: individual counseling, family coaching, nicotine replacement therapy (NRT) and written educational materials about low dose computed tomography for LCS, and NRT. All counseling sessions will be delivered over Zoom for extensive reach and easy scalability. The intervention will be compared with a multi-component control condition: brief advice for quitting, referral to Asian Smokers' Quitline (ASQ), NRT, and the same educational materials. The study has two specific aims to: (1) test the efficacy of the ACT intervention

in AAs' LCS completion compared to the control condition at 6 months after baseline assessment, and (2) test the efficacy of the ACT intervention in AAs' smoking abstinence compared with the control condition at 6 months after baseline assessment.

Under Review
R34 National Cancer Institute PI 2026-2029

Determining the feasibility of a lifestyle and symptom management intervention in non-small cell lung cancer survivors

Aim 1: Determine the feasibility and acceptability of the Healthy Directions intervention vs. a Health Education attention control among NSCLC survivors' post-treatment in preparation for a future phase II RCT. Success will be defined as enrolling at least three patients/month, 80% completing intervention and attention control arms and 80% endorsing high acceptability.

Aim 2: Pilot test and refine data collection procedures by evaluating completion and missing data rates. Adequate data collection will be ≥80% completion of the lifestyle adherence score, ≥80% completion of HRQOL and dyspnea measures, ≥75% completion of pulmonary function and physical performance testing at each time point, and < 10% missing data to inform protocol refinements.

Aim 3: Estimate the preliminary effects of Healthy Directions vs. Health Education on improving lifestyle adherence as the primary outcome and HRQOL, dyspnea, pulmonary function, and physical performance as secondary outcomes at baseline, 3, and 6 months in 60 NSCLC survivors. The data will identify optimal measures and estimate parameters needed for planning a full-scale trial.

R01 National Cancer Institute Site PI 2026-2030
Where You Live, How You Decide: Understanding Low Uptake of Lung Cancer Screenings

Major Goals: Our proposed novel study will fill these critical gaps in evidence by conducting the first population-based sequential explanatory mixed-methods study to achieve the following 3 aims: Aim 1. Describe LCS uptake, DMS, and neighborhood factors (e.g., percent with college education, median household income, age distribution, public transportation use, etc.) among high-risk adults eligible for LCS. Aim 2. Quantify the impact of neighborhood factors on LCS uptake and assess whether this effect is moderated by individuals' DMS. Aim3. Explore how neighborhoods and DMS shape perceived barriers and facilitators to LCS use among eligible adults.

R01 National Cancer Institute PI 2027-2032
Efficacy of a digital intervention to promote smoking cessation and lung cancer screening among adults at high risk for lung cancer.

The objective of this study is to determine whether a digitally enhanced lung health intervention improves smoking abstinence and lung cancer screening completion compared with brief standard care and to examine the underlying mechanism of action among the digitally enhanced intervention group. Our central hypothesis is that the digitally enhanced intervention will yield higher biochemically verified abstinence and greater LCS completion as compared with the standard care group.

National Cancer Institute SBIR Co-PI 2027-2030
Developing and evaluating an agentic AI-enables clinical decision support for evidence-based cancer symptom management

Goal: This Fast-Track proposal aligns with NCI's focus on "developing digital health tools" and helping "realize the promise of AI in cancer research and care." Elimu Informatics developed CDS-Sx, an electronic health record (EHR)-integrated *rule-based* clinical decision support (CDS) system that facilitates evidence-based cancer symptom management for nine symptoms in adults with cancer.

In Phase I, we will convert our rule-based CDS engine into an *agentic AI-based* CDS system for cancer symptom management and validate its performance. In Phase II, we will implement AI-based CDS-Sx in a commercial EHR and evaluate it in a clinical trial to demonstrate it functions effectively in the clinical environment and positions CDS-Sx for commercialization.

Completed

National Institutes of Health	SBIR	Site PI	2020-2023

Enabling Clinical Decision Support for Guideline-Based Cancer Symptom Management

The objective of this proposal is to develop an electronic, rule-based clinical decision support system (CDS-Sx) that leverages national clinical practice guidelines (CPGs) to improve cancer symptom management. The specific tasks that will be performed include: 1) create software ready computable algorithms for six cancer-related symptoms that have been vetted with diverse cancer care providers, 2) iteratively refine and usability test user interfaces for patients and clinicians to use the tool, and 3) build the software and conduct a technical integration pilot test in multiple institutional settings.

American Association for Cancer Research	Lung Cancer Innovation Science Grant	PI	2019-2023

A Digitally-enhanced Smoking Cessation Intervention for Individuals who are High-risk Smokers

The primary goal of this study is to introduce LDCT screening to high-risk smokers eligible for lung cancer screening. We will leverage digital technology to deliver a video-call smoking cessation intervention using personal stories and a decision-aide that introduces lung cancer screening as an option to further enhance lung health compared to standard care. Efforts are underway to identify high-risk individuals through use of more precise methods such as polygenic risk scores (PRS) that quantify the overall genetic predisposition to specific risks or behaviors to tailor and optimize interventions. Little is known, however, about the best way to present this type of information in the context of high-risk smokers undergoing LDCT screening. The specific aims for the proposed study are: 1) Determine the efficacy of an Enhanced Smoking Cessation Approach to Promote Empowerment (ESCAPE) as compared to standard care (brief advice and referral to Quitline) on 7-day point prevalence abstinence, number of cigarettes smoked/day, and lung cancer screening behaviors at 1, 3-and 6-month follow-up. 2) Calculate a smoking behavior PRS and examine the relationship between the PRS and cessation outcomes at 6 months and 3) Describe participant perceptions and experiences related to obtaining a smoking behavior PRS and identify recommendations for incorporating the information into clinical care. The results from this study will provide information needed to refine the intervention and facilitate integration of precision health into future lung health interventions.

National Institutes of Health	UM1	Steering Committee	2018-2023

PROSPR II – Center for Research to Optimize Precision Lung Cancer Screening in Diverse Populations

The primary goal of this project is to optimize the effectiveness, precision, and delivery of lung **multilevel** data from five diverse health systems to fill crucial knowledge gaps by systematically examining the lung cancer screening process from prevention (smoking cessation) and risk-stratification to treatment outcomes for abnormal findings, with four interrelated research projects.

National Institutes of Health	R21	Co-I	2018-2020

Strengthening Patient and Caregiver Supports in Ovarian Cancer with Palliative Care: Pilot RCT of BOLSTER

Ovarian cancer is a rare disease that causes tremendous suffering. Patients are at high risk for experiencing frequent and distressing hospitalizations – over 1/3 are re-admitted within 30 days of discharge, and 70% are hospitalized in the last month of life – but few researchers have tested palliative care interventions in advanced cancer patients undergoing transitions in care. The long-term goal of this R21 proposal is to develop an effective and scalable palliative care intervention to improve the quality of life of patients with advanced ovarian cancer, decrease patient and caregiver distress, and reduce burdensome, hospital-based care by improving symptom monitoring and skills training for in-home care.

National Institutes of Health/National Cancer Institute	P30	Co-Project Leader	2017-2020

Building Tobacco Treatment into Patient Care at Dana Farber/Harvard Cancer Center

Continued smoking after the diagnosis of cancer is associated with decreased effectiveness of cancer treatments, recurrent cancer and lower survival rates. It is essential to incorporate evidence-based tobacco identification and treatment into the routine delivery of cancer care to improve clinical outcomes for our patients. This project seeks to build, implement and evaluate a system that increases the ability of Dana-Farber/Harvard Cancer Center to deliver "best practices" for tobacco treatment.

National Institutes of Health	SBIR	Site PI	2018-2019

Enabling Clinical Decision Support for Guideline-Based Cancer Symptom Management

The objective of this proposal is to develop an electronic, rule-based clinical decision support system (CDS-Sx) that leverages national clinical practice guidelines (CPGs) to improve cancer symptom management. The specific tasks that will be performed include: 1) create software ready computable algorithms for the cancer-related fatigue and constipation that have been vetted with diverse cancer care providers, 2) specify the design of the CDS-Sx to deliver the algorithms at the point-of-care, and 3) conduct iterative cycles of usability testing with clinicians and patients using screen prototypes.

National Institutes of Health	R01	Co-I	2017-2021

PediQUEST Response randomized controlled trial: Coupling e-PROMs with palliative care to improve quality of life in children

The aims for this project are to conduct a multisite RCT of the PediQUEST Response (intervention) vs. usual care (control) in 134 children with advanced cancer (N=67/arm) in 4 pediatric cancer centers. Families will meet the PediQUEST Response Team within 3 weeks of randomization (intervention arm). The primary trial outcome will be the cumulative Pediatric Quality of Life Inventory 4.0 (PedsQL) total score over the 16-week intervention period. Cumulative PediQUEST-Memorial Symptom Assessment Scale (PQ-MSAS) score will be a secondary outcome. Aim 2 ascertain parental outcomes and compare results between arms over the 16-week period, we will measure parent activation at baseline and at study exit (using a modified version of the Parent-Patient Activation Measure), and monthly psychological distress (Spielberger's State Trait Anxiety and Center for Epidemiologic Studies–Depression Scales) and HRQOL (SF-12).

National Institute of Nursing Research	R01	Co-I	2017-2021

Brief behavioral intervention for dyspnea in advanced lung cancer

This project will demonstrate the efficacy of a brief behavioral intervention in patients with advanced lung cancer for the following: 1) improving self-reported dyspnea; 2) improving patient-

reported quality of life, mood, and activity level; 3) exploring mediators and moderators of the effect of the intervention on patient-reported outcomes.

National Cancer Institute U54 Co-PI 2017-2019

Storytelling Narrative Communication Intervention for Smoking Cessation in Women Living with HIV

The purposes of the study are to 1) Identify SNC intervention components that are rated high in transport and identification for use as an enhancement to an HIV-tailored smoking cessation intervention; 2) Determine the feasibility and acceptability of the SNC intervention for WLHIV by assessing the rate of recruitment and retention for feasibility and the degree of transport and identification for acceptability; and 3) Establish an effect size of HIV-tailored and SNC interventions for smoking cessation in comparison with the HIV-tailored smoking cessation intervention only for WLHIV, for subsequent grant applications.

National Cancer Institute R01 Co-I 2015-2017

Integration of Tobacco Treatment into Cancer Care

The purpose of this study is to conduct a randomized controlled comparative effectiveness trial of two strategies to promote smoking cessation in suspected or newly diagnosed cancer patients. We will compare an Intensive Treatment to a Standard Treatment.

National Cancer Institute P30 PI Project 2015-2018
Dana-Farber Harvard Cancer Center Nodal Award

Implementation of a Systems-level Tobacco Treatment Intervention into a Thoracic Oncology Program

This research initiative creates opportunities for investigators from various disciplines to collaborate across disease programs with the Dana-Farber Harvard Cancer Center. The aims for this project are to adapt and implement a systems-level tobacco treatment intervention, compare the effectiveness of the systems-level tobacco treatment intervention with usual care, and create a population-based tobacco use data base that can be integrated with a biological data-base for future studies.

Patient Centered Outcomes Research Institute Co-I 2015-2016
Dissemination

Implementation of Decision Aides into the Clinical Practice Setting

This project will conduct interviews with experts in dissemination of decision aides to identify barriers and facilitators to implementation and then hold meetings with stakeholder to discuss strategies for implementation within the context of primary care, chronic illness and cancer care.

Patient Centered Outcomes Research Institute PI 2015-2016
Dissemination

Decision Support for Symptom and Quality of Life

This project will allow our team to disseminate the results of the recently completed decision support program developed for self-management of common symptoms experienced during cancer treatment through publication and presentation and plan for the next steps to further develop and test this system. We will partner with other stakeholders (i.e. Patients like me) to make this program available more broadly for patients and their caregivers.

Patient Centered Outcomes Research Institute PI 2015-2016

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treatment through publication and presentation and plan for the next steps to further develop and test this system. We will partner with other stakeholders (i.e. Patients like me) to make this program available more broadly for patients and their caregivers.

Lung Cancer Research Foundation PI 2012-2014

Healthy Directions after Lung Cancer: Feasibility and Acceptability of a Lifestyle Coaching Intervention for Patients with Lung Cancer

Promoting healthy lifestyle behaviors after the diagnosis of cancer is associated with enhanced quality of life, decreased cancer recurrence and enhanced survival. Although comprehensive lifestyle programs have been widely tested and shown to be effective in improving health outcomes after cardiac surgery, these types of programs have not been integrated into the clinical setting. The primary aims of the study were to: 1) determine rates of enrollment, attrition, and completion of 6 nurse-patient contact sessions 2) collect information about the time needed to recruit 36 patients, and 3) determine patient choice and use of intervention materials (print or study specific web site or both) and completion of self-monitoring logs for diet and physical activity. The secondary aims were to: 1) assess change in lifestyle risk factors between baseline, one and four months after study entry, 2) assess change in health-related quality of life (HR-QOL) between baseline, one and four months after study entry, and 3) determine an effect size to establish sample size calculations for a future randomized controlled trial. The results of this study will enable our research team to apply for competitive external funds for a larger more definitive effectiveness-implementation randomized controlled trial.

National Cancer Institute U56 Co-PI 2009-2010

Current Health Behaviors and Motivational Readiness to Pursue Behavioral Change among African American and European American Lung Cancer Patients and their Families

National Cancer Institute R01 PI 2008-2012

Lung Cancer Symptom Assessment and Management Intervention

This study was a two-phase study that developed a coordinated symptom assessment and management intervention (SAMI) system in phase I and then evaluate the feasibility of the intervention in phase II. During phase I, computer-processable algorithms for managing fatigue, pain, depression, and dyspnea in lung cancer patients were derived from national clinical practice guidelines by a multidisciplinary team. These care management algorithms were successfully implemented on a standards-based clinical decision support system to generate patient-specific care recommendations based on data collected through a computerized symptom assessment tool. A feasibility study, using a group randomized trial (GRT) design, was conducted during phase II. We provided health care providers (HCPs) with a summary of patient-reported symptoms and patient-specific symptom management recommendations based on established clinical guidelines. Fatigue, pain, depression, and dyspnea were chosen as the target symptoms in this study because they are common in adults with lung cancer and national guidelines are available for their management. The primary outcome for phase I was the usability of the SAMI system and the primary outcome for phase II was establishing feasibility of the intervention regarding completion rate of the computerized symptom assessment tool and adherence to the algorithms. Secondary outcomes included HR-QOL, patient-HCP communication and clinical management of symptoms. The study was conducted at 2 clinical sites; one with a racially and socioeconomically diverse population. The intervention, if found feasible, will be tested in a larger GRT in the future. Results from the feasibility study showed that the intervention group had a 6 point increase in HR-QOL at 4 months as compared to the usual care group and patients in the intervention group received three

times more consults for pain and 1.7 fold increase in interventions directed toward depression, anxiety and fatigue. A follow-up efficacy trial will be submitted for funding consideration.

National Institute of Nursing Research R01 Co-I 2005-2010

Mindfulness Meditation

Examine the efficacy of mindfulness meditation versus nurse educator and usual care on symptom burden and psychological distress among patients undergoing autologous bone marrow transplant.

Oncology Nursing Society Co-I 2004-2006

Quality of Life after Treatment for Hodgkin's Disease

Examine quality of life among young adults who have recently completed treatment for 19odgkin's disease and examine patient preferences for supportive care services to enhance the transition to survivorship.

National Cancer Institute K07 PI 2003-2008

Behavioral Oncology Career Development

Examine factors associated with smoking abstinence among patients with lung and head and neck cancers.

Oncology Nursing Society Co-I 2004-2006

Symptoms in Post-Surgical Lung Cancer Patients

Examine the frequency and severity of symptoms among patients who have undergone surgical treatment for lung cancer

American Cancer Society PI 1999-2002

The Use of Health Status Questionnaires as Predictors For Unscheduled Health Care Visits in Ambulatory Oncology

Examine patient preferences for generic versus disease specific health status questionnaires in ambulatory cancer patients and examine the relationship between symptom severity and unscheduled health care visits.

Oncology Nursing Society Co-I 1999-2002

Living with Lung Cancer: The Women's Perspective

Describe the quality of life and meaning of illness among women after the diagnosis of lung cancer and examine factors related to decreased quality of life.

Clinical Practice

Certifications and Licensure

Advanced Oncology Certified Nurse, Oncology Nursing Society	1999-2009
Advanced Practice Registered Nurse, State of Massachusetts	2000-present
Certified Adult Nurse Practitioner, American Nurses Association	1999-2012
Advanced Oncology Certified Nurse, Oncology Nursing Society	1994-2001
Certified Registered Nurse Practitioner, State of Pennsylvania	1992-2000
Registered Nurse	1979-present

Clinical Activities

Tobacco Treatment Specialist, Brigham and Women's Hospital Provide smoking cessation group sessions for lung program. Work with staff to implement evidence-based practice for tobacco treatment.	2016-2019
Epic Super User, Dana-Farber Cancer Institute Trained to help with electronic medical record roll-out.	2015
Adult Nurse Practitioner, Tobacco dependence treatment for thoracic oncology program, Dana-Farber Cancer Institute	2008-2014
Adult Nurse Practitioner, Clinical research team, Community based care, Harvard School of Dental Medicine NIH-funded study examining the efficacy of individualized nicotine replacement treatment in addicted smokers.	2000-2002
Post-doctoral Research Fellow, Psychosocial oncology, University of PA	1998-2000
Advanced Practice Nurse, Clinical research team, Home care, University of PA NIH funded study examining impact of advanced practice nursing on clinical outcomes in older adults with cancer	1994-1997
Advanced practice nurse, Coordinator of Lung cancer program, teaching hospital, Philadelphia VA Medical Center	1989-1994
Oncology Clinical Nurse Specialist, Oncology inpatient care, NCI Comprehensive Cancer Center	1989-1994
Nurse Clinician and Staff RN, Medical Oncology and Intensive Care, Acute, inpatient care at teaching hospital and NCI Comprehensive Cancer Center	1979-1986

Clinical Contributions and Innovations

Program leader for developing smoking cessation program for patients across the Lung Center at Brigham and Women's Hospital	2016-2019
Implemented evidenced-based tobacco treatment in thoracic oncology setting	2008-2019
Developed and implemented a clinical research project with staff nurses at Dana-Farber Cancer Institute addressing health-related quality of health after treatment for Hodgkin's Disease in young adults.	2002-2007
Developed clinical research guidelines for monitoring and treatment of potential side effects related to high dose nicotine replacement treatment.	2000-2002
Developed new collaborative practice model in Thoracic Oncology at Philadelphia Veterans Affairs Medical Center, developed educational resources for thoracic oncology patients undergoing cancer treatment, developed bereavement program for families, developed mentorship program for student nurses interested in oncology, coordinated oncology nursing certification program.	1989-1994
Developed unit standards and policies for clinical practice, developed orientation program for new staff and graduate nurses, coordinated patient education activities, facilitated development of patient and family library, and provided consultation services to staff for complex patients.	1986-1989

Clinical Awards and Honors

Selected as a Fellow of the American Academy of Nursing for scientific contributions to enhancing the clinical care of patients with lung cancer and their family members.	2012
Selected by the Oncology Nursing Society to be an expert representative and participate in discussion about CT screening for early detection of lung cancer as part of the United States Preventative Services Task Force.	2012
Selected by the Oncology Nursing Society to be an expert representative and participate in the development of evidenced-based guidelines for the care of lung cancer patients sponsored by the American College of Chest Physicians.	2012
Selected by the Oncology Nursing Society to be an expert representative and participate in the development of evidenced-based guidelines for the care of lung cancer patients sponsored by the American College of Chest Physicians.	2002
Received Veterans Affairs Medical Center Regional Nursing Award for Excellence and Scholarship in Clinical Practice	1992
Received Helen A. Hodes Award for Clinical Excellence in Nursing Care from Thomas Jefferson University School of Nursing	1979

Publications

Peer-reviewed Research Publications

1. Larsen E, McGinnley J, Leyden J, **Cooley M**, Markowitz S & Talbot G. (1986). Carriage of antibiotic resistant (JK Group) and sensitive lipophilic diptheroids on skin of hospitalized and normal adults. *J Infect Dis* 1986; 153: 701 05.
2. **Cooley ME**, Moriarty H, Berger M, Selm D, Coyle B & Short T. Patient literacy and the readability of written educational materials for patients with cancer. *Oncol Nurs Forum* 1995; 22: 1345-51.
3. Short TH, Moriarty H & **Cooley ME**. Readability of materials for patients with cancer. *J Statist Educ* 1995; 3:2.
4. Samarel N, Leddy S, Greco K, **Cooley ME**, Torres SC, Tulman L & Fawcett, J. Development and testing of the symptom experience scale. *J Pain Symptom Manage* 1996; 12: 221-228.
5. Robinson L, Nuamah I, **Cooley ME** & McCorkle R.A test of the fit between the Corbin and Strauss trajectory model and the care provided to older patients after cancer surgery. *Holist Nurs Pract* 1997; 12: 36-47.
6. Nuamah I, **Cooley ME**, Fawcett J & McCorkle R. Testing a theory of health-related quality of life: A structural equation model approach. *Res Nurs Health* 1999; 22: 231-242.
7. McCorkle R, Strumpf NE, Nuamah IF, Adler DC, **Cooley ME**, Jepson C, Lusk EJ & Torosian M. A specialized home care intervention improves survival among older post-surgical cancer patients. *J Am Geriatr Soc* 2000; 48: 1707-1713.
8. Hughes LC, Robinson LA, **Cooley ME**, Nuamah I, Grobe SJ & McCorkle R. Describing an episode of home nursing care for elderly post surgical cancer patients. *Nurs Res* 2002; 51: 110-118.
9. **Cooley ME**, Short T & Moriarty H. Patterns of symptom distress in adults receiving treatment for lung cancer. *J Palliat Care* 2002; 18: 150-159.
10. **Cooley ME**, Short T & Moriarty H. Symptom prevalence, distress, and change over time in adults receiving treatment for lung cancer. *Psycho-Oncology* 2003; 12: 694-708
11. **Cooley ME**, Sarna L, Brown J, Williams R, Chernecky C, Padilla G & Danao L. Challenges of recruitment and retention in multi-site clinical research, *Cancer N*urs 2003; 26: 376-84
12. Sarna L, Brown JK, **Cooley ME**, Williams RD, Chernecky C, Padilla G & Danao L. Quality of life and meaning of illness of women with lung cancer. *Oncol Nurs Forum* 2005; 32: E9-19.
13. **Cooley ME**, McCorkle R, Knafl G, Rimar J, Barbieri M, Davies M & Murren J. Comparison of health-related quality of life questionnaires in ambulatory oncology. *Qual Life Res* 2005; 14: 1239-49.

14. Sarna L, **Cooley ME**, Brown JK, Williams RD, Chernecky C, Padilla G & Danao L. Quality of life and health status of dyads of women with lung cancer and family members. *Oncol Nurs Forum* 2006; 27: 1109-16
15. Wells M, Sarna L, **Cooley ME**, Brown JE, Chernecky C, Williams RD, Padilla G & Dana L. Use of complementary and alternative medicine therapies to control symptoms in women with lung cancer. *Cancer Nurs* 2007; 30: 45-55.
16. **Cooley, ME**, Sarna, L, Brown, JE, Chernecky, C., Padilla, G, Danao, L & Elashoff D. Tobacco use in women with lung cancer. *Ann Behav Med*, 2007; 33: 242-50.
17. Sarna, L, **Cooley ME**, Chernecky C, Brown JK, Elashoff D & Kotlerman J. Symptom severity 1 to 4 months after thoracotomy for lung cancer. *Am J Critical Care*; 2008; 17: 455-67
18. Sarna. L. Bialous S, **Cooley ME**, Jun HJ & Feskanich D. The impact of smoking and smoking cessation on health related quality of life in women from the Nurse's Health Study. *Qual Life Res*; 2008; 17: 1217-27.
19. Sarna L, Bialous S, Jun HJ, Wewers ME, **Cooley ME** & Feskanich D. Smoking trends in the Nurse's Health Study (1976-2003). *Nurs Res* 2008; 57: 374-82.
20. **Cooley ME**, Sarna, L, Kotlerman J, Lukanich JM, Jacklitsch M, Green SB & Bueno R. Smoking cessation is challenging even in those receiving curative treatment for lung cancer. *Lung Ca*; 2009: 66:218-25
21. Sarna L, **Cooley ME**, Brown JK, Chernecky C, Padilla G, Danao L, Chakravarty D., Elashoff D. Women with lung cancer: Quality of life after thoracotomy- A 6 month prospective study. *Ca Nurs*; 2010: 33: 85-92.
22. **Cooley, ME**, Emmons, KM, Haddad, R, Wang, Q, Posner, M, Bueno, R, Cohen, TJ & Johnson, BE. Patient-reported receipt of and interest in smoking cessation interventions after a diagnosis of cancer. *Cancer*; 2011: 117: 2961-9.
23. Brown, JK, **Cooley ME**, Chernecky, C & Sarna L. A symptom cluster and sentinel symptom experienced with women with lung cancer. *Oncol Nurs Forum*: 2011: 38: E425-35.
24. **Cooley, ME**, Wang, Q, Johnson BE, Catalano, P, Haddad, RI, Bueno, R & Emmons, KM. Factors associated with smoking abstinence among smokers and recent quitters with lung and head and neck cancer. *Lung Cancer*: 2012: 76: 144-9
25. Poghosyan, H, Sheldon, LK & **Cooley, ME**. The impact of computed tomography screening for lung cancer on smoking behaviors: A teachable moment? *Cancer Nurs:* 35: 446-75.
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31. Poghosyan H, Bell, JF, Joseph JJ, & **Cooley ME**. The association between having first-degree family history of cancer and smoking status. *Prev Med*. 2014, 66, 12-16.
32. **Cooley ME**, Blonquist, TM, Catalano PJ, Lobach DF, Halpenny B, McCorkle R, Johns EB, Braun IM, Rabin MS, Braun IM, Rabin MS, Mataoui FZ, Finn K, Berry DL, & Abraham JL. Feasibility of using algorithm-based clinical decision support for symptom assessment and management in lung cancer. *J Pain Symptom Manage*. 2015 49(1), 13-26.

33. Green A, Hayman JJ & **Cooley ME**. Multiple health behavior change in adults with or at risk for cancer: A systematic review. *Amer J Health Behav*. 2015, 39(3), 380-394.
34. Reid-Ponte P, Hayman LL, Berry DL & **Cooley ME**. A new model for post-doctoral training: The nursing post-doctoral in cancer and health disparities. *Nurs Outlook*. 2015, 63(2), 189-203.
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