

**Harvard Medical School
CURRICULUM VITAE**

Date Prepared: March 20, 2015

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Place of Birth: Worcester, Massachusetts

Education:

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| 1988 | BS, Cardiopulmonary Science, Sargent College, Boston University |
| 1989 | MPH, Epidemiology, Tulane University |
| 1996 | PhD, Epidemiology, Tulane University |
| | Thesis advisor: Steven S. Coughlin, PhD, MPH |

Faculty Academic Appointments:

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| 1997-2001 | Instructor in Medicine, Harvard Medical School |
| 2001-2009 | Assistant Professor of Medicine, Harvard Medical School |
| 2009- | Associate Professor of Medicine, Harvard Medical School |

Appointments at Hospitals/Affiliated Institutions:

Past:

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| 1990-1992 | Research Data Analyst, Section of General Internal Medicine Boston Medical Center |
| 1993-1994 | Research Assistant, Washington, DC Dilated Cardiomyopathy Study Tulane University School of Public Health & Tropical Medicine |
| 1994-1995 | Research Data Analyst, Section of General Internal Medicine Boston Medical Center |

Current:

1997- Faculty, Division of General Medicine and Primary Care
Beth Israel Deaconess Medical Center
2001- Member, Outcomes Research Program
Dana-Farber/Harvard Cancer Center
2002- Member, Palliative Care Program in Development
Dana-Farber/Harvard Cancer Center
2005-2011 Affiliate Member, Center for Psycho-oncology and
Palliative Care Research, Dana-Farber Cancer Institute

Other Professional Positions:

Past:

1989-1990 Research Assistant, Research and Evaluation Department
Spectrum Addiction Services, Inc.
1990-1992 Research Associate, Research and Evaluation Department
Spectrum Addiction Services, Inc.

Major Administrative Leadership Positions:

2003-2013 Associate Course Director, *Research with Large Databases (HPM299)*
Program in Clinical Effectiveness, Harvard School of Public Health
2014- Course Director, *Research with Large Databases (HPM299)*
2011- Director, Research Program on Palliative and End-of-Life Care, Division of
General Medicine and Primary Care, Beth Israel Deaconess Medical Center
Boston, MA
2012- Assistant Dean for Development and Diversity, Office for Diversity Inclusion
and Community Partnership, Harvard Medical School, Boston, MA
2012- Director, Dean's Postdoctoral Fellowship, Harvard Medical School
Boston, MA
2013- Co-Director, Faculty Development Course for Mentors, Consortium of
Harvard Affiliated Offices and Centers for Faculty Development and
Diversity (CHADD), Harvard Medical School, Boston, MA

Committee Service:

Local:

2002-2012 Steering Committee, Member, Palliative Care Program in Development
Dana-Farber/Harvard Cancer Center
2005- Research Faculty Search Committee, Member, Division of General
Medicine and Primary Care, Beth Israel Deaconess Medical Center
2008-2010 Executive Committee, Member, Cancer Disparities Program in
Development, Dana-Farber/Harvard Cancer Center
2011- Faculty Advisory Committee, Member, Health Disparities Research
Program, Harvard Clinical and Translational Science Center [CATALYST]
2011- Senior Faculty Council, Member, Research Section, Division of General
Medicine and Primary Care, Beth Israel Deaconess Medical Center
2012- Consortium of Harvard Affiliated Offices and Centers for Faculty
Development and Diversity (CHADD), member, Harvard Medical School

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| 2012- | Joint Committee on the Status of Women (JCSW), member, Harvard Medical School |
| 2012- | Dean's Representative |
| 2012- | Steering Committee, Member |
| 2012- | Council of Mentors, Co-Chair, Harvard Medical School |
| 2012- | Quad Diversity Committee, Co-Chair, Harvard Medical School |
| 2012- | Dean's Advisory Committee, Co-Chair, Excellence in Mentoring Awards, Harvard Medical School |
| 2012- | Dean's Advisory Committee, Co-Chair, Diversity Awards, Harvard Medical School |
| 2012- | Dean's Advisory Committee, Co-Chair, Community Service Awards, Harvard Medical School |
| 2013- | Dean's Advisory Committee, Co-Chair, Exceptional Institutional Service Awards, Harvard Medical School |
| 2013- | Search Committee for Director of Office for Diversity & Inclusion, Member, Beth Israel Deaconess Medical Center |
| 2014- | LGBT Advisory Committee to Dean Faculty of Medicine, Ex Officio, Harvard Medical School |

Professional Societies:

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| 1997-2009 | Society of General Internal Medicine |
| 2008 | Abstract Review Subcommittee, Co-Chair, Clinical Epidemiology and Healthcare Effectiveness |
| 2007, 2009 | Academy Health |
| 2009-2010 | American Academy of Hospice and Palliative Medicine |
| 2009- | American Society of Psychosocial Oncology |

Grant Review Activities:

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| 2006 | Scientific Review Committee, Ad hoc Reviewer, Ancillary Grant Proposals for CanCORS-Medicare Linkage, National Cancer Institute |
| 2008 | Scientific Review Committee, Ad hoc Reviewer National Palliative Care Research Center |
| 2009- | Scientific Reviewer, Pennsylvania Department of Health |
| 2009- | Scientific Review Committee, Palliative Care and Symptom Management, American Cancer Society |

Editorial Activities:

Ad hoc Reviewer:

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| 1997- | Medical Care |
| 1997- | Journal of the American Geriatrics Society |
| 1999- | Annals of Internal Medicine |
| 1999- | Preventive Medicine |
| 2002- | Journal of General Internal Medicine |
| 2002- | International Journal of Medical Informatics |
| 2003- | Cancer |
| 2003- | Journal of National Cancer Institute |
| 2003- | New England Journal of Medicine |
| 2008- | Disability and Rehabilitation |
| 2008- | Journal of Supportive Oncology |

Other Editorial Roles:

2004-2008-2012 Editorial Board, American Journal of Hospice and Palliative Medicine
 Editorial Board, Open Health Service and Policy Journal

Honors and Prizes:

1988-1989 Traineeship Award, Tulane University School of Public Health & Tropical Medicine
 1994 Academic Scholarship, Tulane University Graduate School
 2008 Young Mentor Award, Excellence in Mentoring, Harvard Medical School
 2012 A. Clifford Barger Award for Excellence in Mentoring, Harvard Medical School

REPORT OF FUNDED AND UNFUNDED PROJECTS

Funding Information:

Past Funding:

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| 1994-1995 | <p><i>Patterns of Mammography Use in Elderly Women</i> State of Massachusetts' Breast Cancer Scholar Research Grant Co-Investigator (PI: Risa Burns, MD, MPH)</p> <p>Determined variations in mammography use among Medicare beneficiaries residing in 10 states.</p> | |
| 1996 | <p><i>Prior Mammography Use: Does it Explain Black-White Differences in Breast Cancer Survival?</i> Health Care Financing Administration (HCFA) Dissertation Fellowship Grant, 30-P-90065/6-01 Principal Investigator</p> <p>Evaluated the extent to which disparities in screening contributed to differences in breast cancer survival between older Black and White women.</p> | \$30,000 |
| 1996-1997 | <p><i>Prior Mammography Use: Does it Explain Black-White Differences in Breast Cancer Outcomes?</i> US Army/Department of Defense Breast Cancer Research Program, DMAD17-96-1-6011 Principal Investigator</p> <p>Evaluated the extent to which disparities in screening contributed to differences in breast cancer stage at diagnosis and survival between older Black and White women.</p> | \$55,861 |

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| 1997-1999 | <p><i>Screening Quality of Care Using Administrative Data</i> Agency for Health Care Policy Research, R01 HS09099 Co-investigator (PI: Lisa Iezzoni, MD)</p> <p>Validated the <i>Complications Screening Program</i>, an algorithm developed by Dr. Iezzoni to screen administrative data for medical and surgical complications.</p> | |
| 1997-2000 | <p><i>Is Mammography Useful in Older Women?</i> US Army/Department of Defense Breast Cancer Research Program, DMAD17-97-1-7121 Co-Principal Investigator (PI: Karen Freund, MD)</p> <p>Evaluated the relationship between screening mammography and breast cancer outcomes in older women.</p> | \$299,840 |
| 1998-2004 | <p><i>Patterns of Care for Cancer Patients at the End of Life</i> National Cancer Institute, FIRST Award, R29 CA079052 Principal Investigator</p> <p>The major goal of this project was to describe the dying experience of patients with cancer.</p> | \$608,978 |
| 1999-2002 | <p><i>Quality of Care and Service Use for Persons with Disability</i> Agency for Healthcare Research and Quality (AHRQ) R01 HS010152 Co-investigator (PI: Lisa Iezzoni, MD)</p> <p>Examined access to care, use of primary care and preventive services, and the role of different types of physicians in meeting the needs of patients with various disabling conditions.</p> | |
| 2001-2003 | <p><i>Disparities in Care: Obesity and Cancer Screening</i> Agency for Healthcare Research and Quality (AHRQ) R03 HS011683 Co-Investigator (PI: Christina Wee, MD)</p> <p>Evaluate the role of obesity and illness burden in disparities in cancer screening.</p> | \$60,000 |
| 2001-2011 | <p><i>Research and Mentorship in Alternative Medicine</i> National Cancer Complementary and Alternative Medicine (NCCAM), K24 AT000589 Co-Investigator (PI: Russell Phillips, MD)</p> <p>Mid-Career Mentorship Grant to Russell Phillips, MD. The goal of this grant was to support the training of young investigators to perform patient-oriented research, and to prepare trainees for careers as independent investigators.</p> | |

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| 2002-2003 | <p><i>End of Life Care for the Old and Oldest Old: The Influence of Cause of Death and Co-morbid Illness</i> The Older Americans Independence Center Grant Pilot Project , Career Development Award, Harvard Medical School Principal Investigator</p> <p>Described variations in patterns of care in very elderly patients by cause of death and comorbid illnesses.</p> | \$30,000 |
| 2003-2007 | <p><i>Cancer Care and Outcomes for Disabled Medicare Patients</i> National Cancer Institute (NCI), R01 CA100029 Co-Investigator (PI: Lisa Iezzoni, MD)</p> <p>Describe cancer diagnoses, treatments, palliative care, longevity and costs to Medicare beneficiaries with disabilities.</p> | |
| 2004-2005 | <p><i>Hospice Use and Patterns of Care at the End of Life among Older Asian Americans Dying with Cancer</i> Asian American Network for Cancer Awareness, Research, and Training, U01 CA8632203 Site Principal Investigator</p> <p>Determined disparities in care at the end of life between Asian American and White patients dying of cancer.</p> | \$50,000 |
| 2004-2010 | <p><i>Tai Chi Mind-Body Therapy for Chronic Heart Failure</i> National Cancer Complementary and Alternative Medicine (NCCAM), R01 AT002454 Co-Investigator (PI: Russell Phillips, MD)</p> <p>This clinical trial investigated the role of Tai Chi in current heart failure management, and will further our understanding of the mechanism of action.</p> | \$1,927,006 |
| 2005-2006 | <p><i>Racial Differences in CAM Use for Common Medical Conditions</i> National Cancer Complementary and Alternative Medicine (NCCAM), R03 AT002236 Principal Investigator</p> <p>Determined national rates of CAM use by racial and ethnic minorities and economically disadvantaged individuals; examined how CAM is practiced with regard to common medical conditions and overall wellness; perceived benefits; and the relationship between CAM and conventional medical care.</p> | \$50,000 |

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| 2006-2012 | <p><i>Race and Health Outcomes Associated with Obesity</i> Co-investigator, National Institute of Diabetes, Digestive, and Kidney Disorders (NIDDK), R01 DK071083 Co-Investigator (PI: Christina Wee, MD)</p> | \$996,500 |
| | <p>The goal of this project was to understand the influence of race on obesity's impact on different health outcomes, which is vital to achieving the goals of Healthy People 2010.</p> | |
| 2008-2009 | <p><i>Effect of an Enhanced Primary Care Model on Healthcare Utilization, Costs, Quality, and Patient Perceptions of Care</i> MDVIP Inc. Planning Grant Co-Investigator (PI: Russell Phillips, MD)</p> | \$46,069 |
| | <p>The objective of this planning grant was to develop a project to evaluate the effect of an enhanced primary care model on health care utilizations, costs, quality and perceptions of care.</p> | |
| 2008-2010 | <p><i>Depressive Symptoms, Aging, Disability and Health Outcomes</i> National Institute on Aging (NIA), Minority Supplement 3R01 AG028481 Co-Mentor (PI: Alexander Smith, MD)</p> | \$199,200 |
| | <p>The goal of this project is to characterize racial/ethnic differences in illness trajectories over the last 2 years of life for common illness groups (e.g., Cancer, CHF).</p> | |
| 2008-2011 | <p><i>Primary Care and Cancer Outcomes Among Medicare Beneficiaries</i> American Cancer Society, RSGHP-08-141-01-CPHPS Site Principal Investigator (Overall PI: Richard Roetzheim, MD, University of South Florida and Moffitt Cancer Center)</p> | \$1,000,000 |
| | <p>The goal of this study was to assess the effects of primary medical care on cancer incidence, stage at diagnosis and mortality.</p> | |
| 2011-2012 | <p><i>End-of-Life Decision Making in Seriously Ill Patients: The Case of ESRD</i> National Institute of Nursing Research, F32 NR012872 Primary Sponsor</p> | \$63,182 |
| | <p>Mentored Training Grant for Dr. Melissa Wachterman, a palliative care physician and general medicine research fellow. The research goals are to assess the perspectives of hemodialysis patients, their physicians, and their caregivers around decisions to initiate, continue, and withdraw from dialysis.</p> | |

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| 2007-2009 | <i>Benefits and Burdens of Screening Oldest-old Women:</i> | \$726,250 |
| 2009-2013 | <i>The Case of Mammography</i> National Institute on Aging (NIA), K23 AG028584/Paul B. Beeson Career Development Award in Aging, K23 AG030964 Co-Sponsor (PI: Mara Schonberg, MD) | \$600,000 |

Mentored Training Grant for Dr. Mara Schonberg. The research goals are to determine the benefits and burdens of mammography use in very elderly women.

Current Funding:

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| 2009-2015 | <i>Asian Americans with Advanced Cancer: Preferences and Care Experiences</i> American Cancer Society, RSGT-09-158-CPPB Principal Investigator | \$1,039,458 |
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The goal of this project is to address major gaps in our understanding of how to better meet the healthcare needs of Asian Americans with advanced cancer, a historically understudied population.

*Requesting a no-cost extension to make up for the DF/HCC-BIDMC suspension of cancer research (unrelated to this protocol). BIDMC will replenish funds used to support staff during the suspension. Waiting to hear how HMFP will replenish faculty support.

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| 2010-2015 | <i>Breast Cancer Screening in Older Women: Comorbidity and Competing Risks</i> American Cancer Society, RSGT-10-080-CPHPS Principal Investigator | \$799,940 |
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The goal of this project is to assess the impact of advanced age and illness burden on breast cancer mortality using methods that account for competing mortality risks, and to construct a clinical prediction tool that will guide clinical discussions about the appropriateness of breast cancer screening for individual women, particularly those aged 75 and older.

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| 2012-2015 | <p><i>The Relationship Between Obesity and Falling in Older Adults</i> National Institutes of Health (NIH)/National Institute on Aging (NIA), R21 AG040848 Co-Investigator (PI: Angela Fowler-Brown, MD)</p> <p>The goal of this project is to prospectively examine the relationship between obesity and risk of falls in older adults and determine clinical factors and health care costs related to fall injuries in older adults.</p> | \$275,000 |
| 2013-2016 | <p><i>Breast Cancer Risk Factors among Women Aged 75 and Older</i> National Institutes of Health (NIH)/National Institute on Aging (NIA) R01 AG041869 Co-Investigator (PI: Mara Schonberg, MD)</p> <p>The goal of this newly funded project is to identify risk factors for late-life breast cancer to develop and validate a clinical prediction tool for women aged 75+ to be used by older women and their doctors to make more informed decisions about breast cancer screening, thereby improving both their quality of care and quality of life.</p> | \$492,360 |
| 2014-2016 | <p><i>Integrating Competing Risks into the CISNET DFCI Breast Cancer Model</i> National Institutes of Health (NIH)/National Institute on Cancer (NCI) R21 CA180793 Principal Investigator</p> <p>The aim of this grant is to integrate competing mortality risks into a stochastic model that is used to inform national breast cancer screening guidelines and explore the benefits and harms of breast cancer screening under different scenarios (e.g., stopping ages, screening intervals).</p> | \$275,000 |

Past Unfunded Projects:

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| 2004-2010 | <p>Principal Investigator, <i>Community Elders' End-of-Life Choices: The Framingham Study</i></p> <p>This study examined advance care planning and preferences for care among community-dwelling elders in their eighties and nineties using the original cohort of the Framingham Heart Study and assessed whether care was consistent with patients' preferences.</p> |
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REPORT OF LOCAL TEACHING AND TRAINING**Teaching of Students:**

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| 1989 | Introductory Biostatistics Course (Teaching Assistant) 40 public health students, master's level Tulane University Eight hours per week for 16 weeks |
| 2001-2002 | Introduction to Clinical Epidemiology, Program in Clinical Effectiveness Using Publicly Available Databases for Health Care Research (Lecturer) 100 masters level students Harvard School of Public Health One hour lecture |
| 2003-2013; 2014 | Research with Large Databases, Program in Clinical Effectiveness (Course Director) 50 students, 1 st and 2 nd year medical, pediatric and surgical fellows/faculty Harvard School of Public Health Five hours per day for 3 weeks |

Teaching of Residents, Clinical Fellows and Research Fellows:

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| 1998-1999 | Surveillance, Epidemiology, and End Results Cancer Registry (Lecturer) Faculty Development and Fellowship Program in General Internal Medicine 15 general medicine fellows Harvard Medical School One hour lecture |
| 2003-2004 | Public Use Databases for Health Care Research (Lecturer) Faculty Development and Fellowship Program in General Internal Medicine 15 general medicine fellows Harvard Medical School One hour lecture |
| 2005- | Research for Residents Course (Instructor) Using Secondary Databases for Research 35 2 nd year medical residents Beth Israel Deaconess Medical Center Two 1-hour lectures |
| 2013 | Large Database Resources for Research in Health Disparities, Health Policy & Health Services, Data Strengths and Limitations (Lecturer) Leadership and Faculty Development Programs Conference, Minority Health Policy Annual Meeting 50 fellows Harvard Medical School One hour lecture |
| 2014- | Large Database Resources for Research in Epidemiology, Health Services & Health Policy: Data Strengths and Limitations (Lecturer) Surgical Outcomes Analysis & Research (SOAR), Department of Surgery 25 surgical residents and fellows |

Beth Israel Deaconess Medical Center
One hour lecture

Formally Supervised Trainees:

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| 1998-2000 | Nathaniel Hupert, MD, MPH | Inaugural Director, Preparedness Modeling Unit, Centers for Disease Control and Prevention Associate Professor of Medicine Cornell Medical College Numerous oral presentations at national meetings |
| 1998-2000 | Joan Neuner, MD, MPH | Associate Professor of Medicine Medical College of Wisconsin Publication |
| 1999-2000 | Rachel Murkofsky, MD, MPH | Assistant Clinical Professor of Geriatric Medicine, John A. Burns Medical School, University of Hawaii Publication in JAMA |
| 2000-2002 | Roberto Vargas, MD, MPH | Assistant Professor of Medicine University of California, Los Angeles Publication |
| 2001-2003 | Quyen Ngo-Metzger, MD | Data Branch Chief, Bureau of Primary Health Care, HRSA Two publications, 1 NCI pilot grant |
| 2001-2004 | Mita Sanghavi Goel, MD, MPH | Assistant Professor of Medicine Northwestern University Feinberg School of Medicine Three publications including JAMA |
| 2002-2004 | Susan Sabatino, MD, MPH | Medical Officer, Centers for Disease Control and Prevention Three publications |
| 2002-2011 | Mara Schonberg, MD, MPH | Assistant Professor of Medicine Harvard Medical School Three publications, F32 Individual NRSA, NIA K23 Award, Beeson Scholar, NCI R01 |
| 2005-2008 | Suzanne Bertisch, MD, MPH | Instructor in Medicine Harvard Medical School Three publications |
| 2005-2008 | Darshan Mehta, MD, MPH | Medical Director, Benson-Henry Institute for Mind Body Medicine, Mass General Hospital |

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| | | Instructor in Medicine Harvard Medical School Two publications, book chapter |
| 2006-2008 | Stacey DaCosta Byfield, PhD, MPH | Associate Director of Research, OptumInsight (formerly Ingenix) Publication, AACR Minority Scholar Award |
| 2006-2010 | Alexander Smith, MD, MPH | Assistant Professor of Medicine University of California, San Francisco Medical School Four+ publications, NIA Minority Supplement Award, NHPARC Career Development Award |
| 2008-2009 | Karen Hoffman, MD, MHSc, MPH | Assistant Professor M.D. Anderson Cancer Center University of Texas Two Publications |
| 2008-2012 | Rebecca Wells, MD, MPH | Assistant Professor Neurology, Wake Forest Baptist Medical Center Two Publications |
| 2009-2012 | Melissa Wachterman, MD, MPH | Instructor in Medicine, Harvard Medical School Publication in JAMA; F32 Individual NRSA (impact score of 10); Mack Lipkin Sr. Award at Annual SGIM Meeting. |
| 2010-2012 | Jessica Zerillo, MD | Fellow, Division of Hematology and Oncology, Beth Israel Deaconess Medical Center, Harvard Medical School Resident AOC Research Project, Manuscript in Preparation |
| 2013- | John Mafi, MD | Fellow, Division of General Medicine and Primary Care, Beth Israel Deaconess Medical Center, Harvard Medical School Two Publications |
| 2013- | Mary Linton Peters, MD | Fellow, Division of Hematology and Oncology, Beth Israel Deaconess Medical Center, Harvard Medical School Resident AOC Research Project |

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| 2015- | Lily Huang, MD | Resident, Department of Medicine, Beth Israel Deaconess Medical Center, Harvard Medical School Resident AOC Research Project |
| 2015- | Douglas Hsu, MD | Fellow, Pulmonary and Critical Care Medicine, Beth Israel Deaconess Medical Center, Harvard Medical School Fellowship Research Project |

Local Invited Presentations:

Those presentations below sponsored by outside entities are so noted and the sponsors are identified

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| 2003 | Patterns of Care at the End of Life for Patients Dying with Cancer Invited Lecture Dana-Farber/Harvard Cancer Center Outcomes Research Seminar Dana-Farber Cancer Institute |
| 2003 | Patterns of Care at the End of Life for the Old and Oldest Old: A Pilot Study of Cancer Patients Invited Lecture Division on Aging, Harvard Older Americans Independence Center, External Advisory Board Meeting, Harvard Medical School |
| 2003 | Patterns of Care at the End of Life for Patients Dying with Lung and Colorectal Cancer Grand Rounds MGH Palliative Care Service, Department of Medicine Massachusetts General Hospital |
| 2007 | Breast Cancer in the Old and Oldest-old: Analyses of Competing Mortality Risks Faculty Presentation Division of General Medicine and Primary Care, Beth Israel Deaconess Medical Center |
| 2009 | Competing Mortality Risks in Older Women with Breast Cancer Faculty Presentation Division of General Medicine and Primary Care, Beth Israel Deaconess Medical Center |
| 2011 | Member of Career Panel Discussing Research Career Opportunities for Underrepresented Minority Students, Summer CURE (Continuing Umbrella of Research Experiences) Program, Dana-Farber Harvard Cancer Center |

REPORT OF REGIONAL, NATIONAL, AND INTERNATIONAL INVITED TEACHING AND PRESENTATIONS

Those presentations below sponsored by outside entities are so noted and the sponsors are identified

Regional:

2005 Advance Care Planning and Health Care Preferences among
Community Dwelling Elders: The Framingham Heart Study
Invited Speaker
NHLBI Framingham Heart Study, Framingham, MA

National:

1992 Development and Implementation of an Interorganizational Case
Management Model for Substance Users
Invited Speaker
National Institute on Drug Abuse Technical Review on Progress and
Issues in Case Management, National Institute on Drug Abuse
Bethesda, MD

1996 Does Prior Mammography Use Explain Black-White Differences in
Breast Cancer Outcomes?
Invited Speaker
National Cancer Institute, Bethesda, MD

1997 Does Regular Mammography Use Explain Black-White Differences in
Stage at Diagnosis among Older Women?
Invited Speaker
United States Army Medical Research and Materiel Command
(USAMRMC) Breast Cancer Program, Department of Defense
Washington, DC
Grantee/No compensation

1998 Identification of Mammography Use Using Claims Data
Invited Speaker
National Cancer Institute, SEER-Medicare Workshop, Bethesda, MD

2004 Research with Large Databases
Invited Workshop Faculty
Society of General Internal Medicine, Annual National Meeting
Chicago, IL

2007 Methodological and Practical Statistical Aspects of Research Using
Populations Based Surveys
Invited Speaker
American College of Clinical Pharmacy, Spring Practice and Research
Forum, Memphis, TN
Honorarium received

2009 Breast Cancer in Elderly and Vulnerable Populations
Breast Cancer Research Seminar Series
Invited Speaker
Alvin J. Siteman Cancer Center, Washington University School of Medicine
St. Louis, MO
Honorarium received

2012 Availability of Publicly Use Databases for Epidemiology and
Health Services Research in Aging
American Geriatrics Society Workshop
Invited Speaker
American Geriatric Society, Annual National Meeting
Seattle, WA

REPORT OF SCHOLARSHIP

Publications

Peer-Reviewed Publications:

Research Investigations:

1. McCusker J, Stoddard AM, **McCarthy E**. The validity of self-reported HIV test results. *Am J Public Health* 1992;82:567-69.
2. Rosen AK, Ash AS, Geraci JM, **McCarthy EP**, Moskowitz MA. Postoperative adverse events of cholecystectomy in the Medicare population. *Am J Med Qual* 1995;10:29-37.
3. Rosen AK, **McCarthy EP**, Moskowitz MA. Effect of a hospital nonsmoking policy on patients' knowledge, attitudes and smoking behavior. *Am J Health Prom* 1995;9:361-370.
4. Coughlin SS, Metayer C, **McCarthy EP**, Mather FJ, Waldhorn RE, Gersh BJ, DuPraw S, Baughman KL. Respiratory illness, B-agonists, and risk of idiopathic dilated cardiomyopathy: The Washington, DC Dilated Cardiomyopathy Study. *Am J Epid* 1995;142:395-403.
5. Burns RB, **McCarthy EP**, Freund KM, Ash A, Shwartz M, Marwill SL, Moskowitz M. Black women receive less mammography even with similar use of primary care. *Ann Intern Med* 1996;125:173-182.
6. Burns RB, **McCarthy EP**, Freund KM, Ash A, Shwartz M, Marwill SL, Moskowitz M. Variability in mammography use among older women. *J Am Geriatr Soc* 1996;44:922-926.
7. Metayer C, Coughlin SS, **McCarthy EP**. Marital status as a predictor of survival of idiopathic dilated cardiomyopathy: The Washington, DC Dilated Cardiomyopathy Study. *Europ J Epid* 1996;12:573-582.
8. Burns RB, Moskowitz MA, Ash A, Kane RL, Finch MD, **McCarthy EP**. Variations in the performance of hip fracture procedures. *Med Care* 1997;35:196-203.
9. Burns RB, **McCarthy EP**, Moskowitz MA, Ash A, Kane RL, Finch MD. Outcomes for older men and women with congestive heart failure. *J Am Geriatr Soc* 1997;45:276-280.
10. McKenzie KC, Burns RB, **McCarthy EP**, Freund KM. Prevalence of domestic violence in an inpatient female population. *J Gen Intern Med* 1998;13:277-279.
11. **McCarthy EP**, Burns RB, Coughlin SS, Freund KM, Rice J, Marwill SL, Ash A, Shwartz M, Moskowitz MA. Mammography use helps to explain differences in breast cancer stage at diagnosis between older Black and White women. *Ann Intern Med* 1998;128:729-736.

12. Burns RB, Moskowitz MA, Ash A, Kane RL, Finch MD, **McCarthy EP**. Do hip replacements improve outcomes for hip fracture patients? *Med Care* 1999;37:285-294.
13. Mesler DE, **McCarthy EP**, Byrne-Logan S, Ash AS, Moskowitz MA. Does the survival advantage of non-White dialysis patients persist after case mix adjustment? *Am J Med* 1999;106:300-306.
14. Mesler DE, Byrne-Logan S, **McCarthy EP**, Ash AS, Moskowitz MA. How much better can we predict dialysis patient survival using clinical data. *Health Serv Res* 1999 ;34:365-375.
15. Wee CC, **McCarthy EP**, Davis RB, Phillips RS. Physician counseling about exercise in the United States. *JAMA* 1999;282:1583-1588.
16. Wee CC, **McCarthy EP**, Davis RB, Phillips RS. Screening for cervical and breast cancer: Is obesity an unrecognized barrier to preventive care? *Ann Intern Med* 2000;132:697-704.
17. **McCarthy EP**, Phillips RS, Zhong Z, Drews RE, Lynn J. Dying with cancer: patients' function, symptoms, and care preferences as death approaches. *J Am Geriatr Soc* 2000;48 (suppl 5): S110-S121.
18. Levenson JW, **McCarthy EP**, Zhong Z, Lynn J, Phillips RS. The last six months of life for patients with congestive heart failure. *J Am Geriatr Soc* 2000;48 (suppl 5): S101-S109.
19. Lynn J, Ely EW, Zhong Z, McNiff KL, Dawson N, Connors A, Desbiens N, Claessens M, **McCarthy EP**. Living and dying with chronic obstructive pulmonary disease. *J Am Geriatr Soc* 2000;48 (suppl 5): S91-S100.
20. Iezzoni LI, **McCarthy EP**, Davis RB, Siebens H. Mobility impairments and use of screening and preventive services. *Am J Public Health* 2000;90:955-961.
21. Lawthers AG, **McCarthy EP**, Davis RB, Peterson LE, Palmer RH, Iezzoni LI. Identification in-hospital complications from claims data: is it valid? *Med Care* 2000;38:785-795.
22. **McCarthy EP**, Iezzoni LI, Davis RB, Palmer RH, Cahalane M, Hamel MB, Mukamal K, Phillips RS, Davies DT. Does clinical evidence support ICD-9-CM diagnosis coding? *Med Care* 2000;38:868-876.
23. Tishler J, **McCarthy EP**, Rind DM, Hamel MB. Breast cancer screening for elderly women in a primary care practice. *J Am Geriatr Soc* 2000;48:961-966.
24. Iezzoni LI, **McCarthy EP**, Davis RB, Siebens H. Mobility problems and perceptions of disability by self- and proxy-respondents. *Med Care* 2000;38:1051-1057.
25. **McCarthy EP**, Burns RB, Freund KM, Ash A, Shwartz M, Marwill SL, Moskowitz MA. Mammography use, breast cancer stage at diagnosis, and survival among older women. *J Am Geriatr Soc* 2000;48:1226-1233.
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NARRATIVE REPORT

As the Assistant Dean for Development and Diversity and Associate Professor of Medicine, I am dedicated to reducing disparities in healthcare and developing a diverse workforce in academic medicine and biomedical research. As a faculty member of Harvard Medical School, my primary roles include 1) providing senior leadership in the Office for Diversity Inclusion and Community Partnership, 2) conducting scientific investigations related to improving health care for vulnerable populations, 3) teaching and 4) mentoring medical students, residents, fellows and junior faculty. I believe that by increasing diversity in medicine we will create a downstream effect of reducing health disparities.

In my role as Assistant Dean for Development and Diversity, I have administrative and leadership responsibility for three primary and interrelated areas within the Office for Diversity Inclusion and Community Partnership (DICP) focused on recruitment, retention and advancement of diverse students, trainees and faculty. I lead the development of new programs and initiatives focused on mentorship, career development and leadership. I also oversee and lead the establishment of the Dean's Postdoctoral Fellowship Program in an effort to develop, advance and retain a diverse workforce in basic and biomedical sciences. This program offers a range of opportunities including postdoctoral research fellowships, professional development, mentorship, and networking opportunities to enhance the training and experience of postdoctoral fellows, particularly individuals from backgrounds underrepresented in science. I also oversee the Dean's recognition awards program that includes awards that recognize and celebrate excellence in mentoring, diversity inclusion, community service, and exceptional institutional service to Harvard Medical School and Harvard School of Dental Medicine. I also serve on standing DICP and HMS committees and, when needed, I represent the Dean for Diversity and Community Partnership in collaboration with offices at HMS-affiliated hospitals.

As a trained epidemiologist and health services researcher, I also lead the Research Program on Palliative and End-of-Life (EOL) care in the Division of General Medicine and Primary Care at Beth Israel Deaconess Medical Center. The overarching goal of my research program is to investigate disparities in cancer across the continuum of care from secondary prevention to diagnosis, treatment and EOL care. I have devoted much of my career investigating disparities in cancer treatment and EOL care in vulnerable populations. My work has advanced our understanding of disparities in cancer screening and cancer treatment in diverse vulnerable populations including persons with disabilities, the very elderly, racial and ethnic minorities, immigrants, and the economically disadvantaged. My current work, funded by research scholar grants from the American Cancer Society, seeks to improve quality of care for patients by advancing our knowledge of 1) cultural influences of clinical decision-making around advanced cancer treatment and EOL care for Asian patients dying of cancer and their loved ones, and 2) the impact of competing mortality risks on breast cancer mortality, particularly for women age 75 and older. In addition to my own research, I have collaborated widely providing methodological and analytical expertise in analyses of large administrative databases and national surveys to address a variety of important health care issues. Over my career, I have greatly enjoyed collaborating with other faculty to provide critical methodological expertise on studies examining health service utilization among persons on Medicare, variations in physician practice patterns, appropriateness of elective surgical procedures, and developing and validating risk-adjusted models for various populations of interest.

I value the privilege of teaching the next generation. Since joining the faculty at Harvard Medical School in 1997, I have been engaged in teaching research methods to fellows, residents and medical students and providing research and career mentorship. I am the Course Director for a popular course in the Clinical Effectiveness Program at Harvard School of Public Health entitled Research with Large Databases (HPM299). Since 2003, this course has attracted annually an average of 50-60 first and second year medical, pediatric and surgical fellows and early-career faculty and is consistently rated highly. I also lecture in the annual research course for medicine residents, Resident Research Elective, at Beth Israel Deaconess Medical Center and the annual Leadership and Faculty Development Programs Conference and Minority Health Policy Annual Meeting at Harvard Medical School. I also

lecture frequently on national surveys and administrative databases available for epidemiological and health services research.

Finally, I have had the privilege of mentoring students, residents, fellows, and junior faculty in work that has led to many publications and valuable collaborations. As faculty in the Harvard Faculty Development and Fellowship Program in General Medicine and in Integrative Medicine Fellowships, and the head of the Dean's Postdoctoral Fellowship at Harvard Medical School, I have the opportunity to mentor a diverse pool of talented and creative individuals from various clinical and scientific disciplines to promote their professional development. I believe I learn as much from them as they do from me, and feel I have succeeded when my mentees achieved their own success. I believe we should foster a culture where this metric is the norm. Perhaps my most gratifying achievements were to be recognized by Harvard Medical School for excellence in mentoring with the 2008 Young Mentor Award and the 2012 A. Clifford Barger Award for Excellence in Mentoring (mid-career award) and to now lead this important recognition award program.