

## CURRICULUM VITAE

### **PART I: General Information**

**Date Prepared:** July 19, 2023

**Name:** **Russell S. Phillips, MD**

**Office Address:** Harvard Medical School Center for Primary Care  
635 Huntington Ave., 2<sup>nd</sup> Floor  
Boston, MA 02115

**Work E-Mail:** Russell\_Phillips@hms.harvard.edu      **Work Fax:** (617) 432-1680

**Place of Birth:** Boston, MA

### **Education:**

1975      BS, Massachusetts Institute of Technology  
1979      MD, Stanford Medical School

### **Postdoctoral Training:**

#### Internship and Residency:

1979-1981      Intern in Medicine, Beth Israel Hospital, Boston  
1981-1982      Junior Assistant Resident, Internal Medicine, Beth Israel Hospital, Boston  
1982-1983      Senior Assistant Resident, Internal Medicine, Beth Israel Hospital, Boston

#### Fellowship:

1983-1985      Fellow, Faculty Development and Fellowship Program in General Internal  
Medicine, Harvard Medical School

### **Licensure and Certification:**

1982-      Medical License, Commonwealth of Massachusetts, License number 49695  
1984-      Diplomate, American Board of Internal Medicine

### **Academic Appointments:**

1983-1985      Clinical Fellow in Medicine, Harvard Medical School

1985-1989 Instructor in Medicine, Harvard Medical School  
 1989-1998 Assistant Professor of Medicine, Harvard Medical School  
 1998-2004 Associate Professor of Medicine, Harvard Medical School  
 2004- Professor of Medicine, Harvard Medical School  
 2012- William Applebaum Professor of Medicine, Harvard Medical School  
 2013- Professor of Global Health and Social Medicine, Harvard Medical School

**Hospital or Affiliated Institution Appointments:**

1985-1989 Assistant in Medicine, Beth Israel Hospital, Boston  
 1989-1996 Associate in Medicine, Beth Israel Hospital, Boston  
 1996- Active Staff, Beth Israel Deaconess Medical Center, Boston

**Hospital and Health Care Organization Service Responsibilities:**

1985- Attending, Healthcare Associates, BIDMC

**Major Administrative Responsibilities:**

1988-1993 Director of Research, Sexually Transmitted Disease Program, Public Health Clinic, Beth Israel Hospital (BIH)  
 1990-1991 Co-Director, Faculty Development and Fellowship Program in General Internal Medicine, Beth Israel Hospital (BIH) and Harvard Medical School  
 1990-2000 Co-Director of Research, Div. of General Medicine and Primary Care, BIH  
 1991-1993 Associate Director, Faculty Development and Fellowship Program in General Internal Medicine, Beth Israel Hospital and Harvard Medical School  
 1993-1998 Co-Director, Faculty Development and Fellowship Program in General Internal Medicine, Beth Israel Hospital and Harvard Medical School  
 1998-2012 Director, Fellowship Training, Division of General Medicine and Primary Care, Beth Israel Deaconess Medical Center  
 1998-2012 Director, Faculty Development and Fellowship Program in General Internal Medicine, Harvard Medical School  
 1999-2001 Medical Director, Healthcare Associates Anticoagulation Management Service, Beth Israel Deaconess Medical Center  
 1999-2012 Director, Faculty Development and Fellowship Program in Complementary and Alternative Medicine, Harvard Medical School  
 2000-2002 Director of Research, Div. of General Medicine and Primary Care, BIDMC  
 2002-2012 Chief, Division of General Medicine and Primary Care, BIDMC  
 2006-2008 Board of Directors, Member, Harvard Medical Faculty Physicians  
 2010- 2012 Interim Co-Director, Center for Primary Care, Harvard Medical School  
 2012- Director, Center for Primary Care, Harvard Medical School

**Major Committee Assignments:**

Medical School:

- 1978-1979 Admissions Committee, Member, Stanford Medical School
- 2001 Minority Faculty Development Program Career Advisory Committee, Member, Harvard Medical School
- 2002 Steering Committee, Member, Palliative Care/Psychosocial Oncology Program-in-Development, Dana Farber/Harvard Cancer Consortium
- 2002 Faculty Fellowship Program Review Committee, Member, Center for Excellence in Minority Health and Health Disparities, Member, HMS
- 2003 Council of Distinguished Scholars, Member, Center of Excellence in Minority Health and Health Disparities, Member, Harvard Medical School
- 2004 Ad hoc Evaluation Committee for Faculty Promotion, Member, HMS
- 2004-2007 Standing Committee on Promotions, Reappointments, and Appointments, Member, Harvard Medical School
- 2005 Thesis Review Committee for Student Graduating with Honors in a Special Field, Member, Harvard Medical School
- 2006-2007 Ad hoc Search Committee for Chief of General Pediatrics, Member, HMS
- 2006-2012 Mentorship Awards Committee, Member, Harvard Medical School
- 2006 Primary Care Task Force, Member, Harvard Medical School
- 2006 Robert Wood Johnson Faculty Physician Scholar Program Selection Committee, Member, Harvard Medical School
- 2007-2008 Ad hoc Evaluation Committee to consider promotion of Dr. Leonard Rappaport, Member, Harvard Medical School
- 2007- Excellence in Mentoring Awards Selection Committee, Member, HMS
- 2007- Scholars in Clinical Science Program Mentoring Committee, Member, HMS
- 2008-2009 Ad hoc Evaluation Committee to consider promotion of Dr. Gary Fricchione, Member, Harvard Medical School
- 2008- Committee on Mentoring for the Scholars in Clinical Science Program, Member, Harvard Medical School
- 2008-2009 Ad hoc Search Committee for Chair of Psychiatry, Member, HMS
- 2009-2010 Ad hoc Evaluation Committee to consider promotion of Dr. Elizabeth Woods, Chair, Member, Harvard Medical School
- 2009-2011 Co-Chair, Primary Care Advisory Group, Harvard Medical School
- 2009- Council of Mentors, Office for Diversity and Community Partnership, Member, Harvard Medical School
- 2010-2011 Ad hoc Search Committee for Director of the Osher Research Center, Member, Harvard Medical School
- 2011-2012 Ad hoc Search Committee for Professor and Director of Center for Primary Care, Member, Harvard Medical School
- 2011-2012 Ad hoc Search Committee for Professor and Director of Division of Health Services Research, Department of Surgery, Member, BIDMC
- 2010-2012 Finance Committee, Department of Medicine, Member, BIDMC
- 2012-2013 Ad hoc Search Committee for Professor and Chief of the Division of General Medicine, Massachusetts General Hospital and Harvard Medical School
- 2012-2014 Ad hoc Search Committee for Professor of Population Medicine, Department

- of Population Medicine, Harvard Medical School
- 2012-2013 Ad hoc Search Committee for Professor and Chairperson of Department of Medicine, Mount Auburn Hospital, Member, Harvard Medical School
- 2013- 2014 Ad hoc Search Committee for Director of Healthcare Delivery Science, Beth Israel Deaconess Medical Center, Harvard Medical School
- 2013- Senior Faculty Committee, Department of Global Health and Social Medicine, Harvard Medical School
- 2015- Ad hoc Search Committee for Professor of Medicine and Medical Director for Stoeckle Center in the Department of Medicine at Massachusetts General Hospital
- 2017-2018 Task Force on Promotion Criteria, Member, Harvard Medical School
- 2019- 2020 Ad hoc Search Committee for Professor and Chairperson of Department of Medicine, Mount Auburn Hospital, Member, Harvard Medical School
- 2018-2019 Ad hoc Search Committee for Associate Director of Center for Primary Care, Chairperson, Harvard Medical School
- 2022- Ad hoc Search Committee for the Koplow-Tullis Chair and leader of a research program in health equity at BIDMC, Division of General Medicine

Affiliated Institution:

- 1985-1989 Well-Being Steering Committee, Member, Beth Israel Hospital
- 1988-1991 Quality Assurance Committee, Member, Healthcare Associates, Beth Israel Hospital
- 1989-1998 Advisory Committee, Member, Division of General Medicine and Primary Care, Beth Israel Hospital
- 1991-2001 Quality Assessment and Improvement Committee, Co-Director, Healthcare Associates, Beth Israel Deaconess Medical Center
- 1995-1997 Advisory Group for Clinician-Patient Communication on Death and Dying, Member, Risk Management Foundation, Harvard Medical Affiliated Institutions
- 1996-2001 Quality Improvement Committee, Department of Medicine, Member, BIDMC
- 1997-2002 Committee on Clinical Investigations, Member, Beth Israel Deaconess Medical Center (Institutional Review Board)
- 1999-2001 Clinical Research Committee, Member, Research Council, BIDMC
- 1999-2003 Steering Committee, Member, Division of General Medicine and Primary Care, Beth Israel Deaconess Medical Center
- 2003-2012 Executive Committee, Chairperson, Division of General Medicine and Primary Care, Beth Israel Deaconess Medical Center
- 2004-2005 Beth Israel Deaconess Physicians Organization Board of Managers, Member, Beth Israel Deaconess Medical Center
- 2005-2006 Committee on Resident Research, Member, BIDMC
- 2009-2010 Screening Committee for K12 Grant Applications, Member, BIDMC
- 2011-2015 Beth Israel Deaconess Physicians Organization Board of Managers, Member,

- Beth Israel Deaconess Medical Center
- 2011-2013 Beth Israel Deaconess Physicians Organization Audit and Finance Committee, Member, Beth Israel Deaconess Medical Center
- 2011-2012 Beth Israel Deaconess Physicians Organization Care Management Committee, Chairperson, BIDMC
- 2011- 2012 Center for Healthcare Delivery Science Advisory Board, Member, BIDMC

Regional:

- 1994 New England Regional Awards Committee, Member, Society of General Internal Medicine
- 1999 Guidelines Update Project, Member, Harvard/Risk Management Foundation Breast Care, Risk Management Foundation
- 2000 Publication/Education Advisory Board, Member, Risk Management Foundation
- 2006-2008 Patient Safety Research Review Board, Member, CRICO/Risk Management Foundation
- 2009-2013 Massachusetts Patient-Centered Medical Home Initiative Coordinating Council, Member, Commonwealth of Massachusetts Executive Office, Health and Human Services
- 2013-2018 Advisory Committee for University Health Services, Harvard University
- 2017-2019 Medical Management Board, Member, MIT Health Services
- 2019- Medical Management Board, Chair, MIT Health Services

National:

- 1989-2000 Eastern Region Councilor and Medical School Representative, American Federation for Clinical Research
- 1989-1996 Steering Committee Member, Study to Understand Prognosis and Preferences for Risks and Treatments (SUPPORT), Robert Wood Johnson Foundation
- 1991 Expert Panel, Rand Appropriateness Study of Indications for Cataract Surgery, Panelist, Rand Corporation
- 1991 Abstract Selection Committee, Member, Society of General Internal Medicine (SGIM) Annual Meeting
- 1998 Abstract Review Committee, Member, NRSA Trainees Meeting
- 1998 Abstract Review Committee, Member, SGIM Annual Meeting
- 2000 Abstract Review Subcommittee, Chairperson, SGIM Annual Meeting
- 2000 Scientific Review Committee, General Co-Chair, International Scientific Conference on Complementary, Alternative and Integrative Medicine Research
- 2001 Research Committee, Member, Society of General Internal Medicine
- 2001 John Eisenberg Award Selection Committee, Chairperson, SGIM
- 2001 Abstract Review Committee, Chairperson, International Scientific Conference

on Complementary, Alternative and Integrative Medicine Research, Health Services Research

2002-2004 Research Committee, Chairperson, Society of General Internal Medicine

2003 Abstract Review Committee, Member, SGIM Annual Meeting

2004 Mid-Career Research Mentorship Award Selection Committee, Chairperson, Society of General Internal Medicine

2004 Education/Training Special Emphasis Panel, Panelist, National Center for Complementary and Alternative Medicine, National Institutes of Health

2005 Education/Training Special Emphasis Panel, Panelist, National Center for Complementary and Alternative Medicine, National Institutes of Health

2006 Clinical Research Panel II, Panelist, National Center for Complementary and Alternative Medicine, National Institutes of Health

2006 Education/Training Panel, Panelist, National Center for Complementary and Alternative Medicine, National Institutes of Health

2009 Fellowship and Training Applications Review Committee, Chair, National Center for Complementary and Alternative Medicine, NIH

2010-2013 Executive Committee, Member, Association of Chiefs and Leaders of General Internal Medicine

2011-2012. President, Association of Chiefs and Leaders of General Internal Medicine

2011-2012 Executive Committee, Member, Society of General Internal Medicine

2011-2012 Council, Member, Society of General Internal Medicine

2014- Scientific Advisory Board, CareMessage

2015- Technical Committee, US Preventive Services Task Force

2015- Advisory Council, Nurse Practitioner-Dentist (NPD) Model for Primary Care

2016-2017 Vice-Chair, Advisory Committee on Training in Primary Care Medicine and Dentistry, Department of Health & Human Services

2017-2019 Chair, Advisory Committee on Training in Primary Care Medicine and Dentistry, Department of Health and Human Services

2017 Reviewer, Patient-Centered Medical Home (PCMH) Evidence Report, Patient-centered Primary Care Collaborative

2020 National Committee Member, Primary Care Collaborative, Advisory Group on Oral Health Integration

2020- Technical Expert Panel for Agency for Healthcare Research and Quality (AHRQ), “Study of State Actions to Improve the Delivery of Primary Care.” Abt Associates, Ariadne Labs and Kaiser Permanente Washington Health Research Institute (KPWHRI).

2022- Member, Primary Care Center Round Table (PCCRT) comprised by the leaders of Centers for Primary Care nationally

### **Professional Societies:**

- 1982-1989 Massachusetts Medical Society, Member
- 1982-1985 American College of Physicians, Associate
- 1983- Physicians for Social Responsibility, Member
- 1984- Society of General Internal Medicine, Member
- 1985-1991 American Venereal Disease Association, Member
- 1986-1989 American College of Physicians, Member
- 1987- American Federation for Clinical Research, Member
- 1990- American College of Physicians, Fellow
- 1992- Physicians for a National Health Program, Member
- 1997-1999 Massachusetts Health Decisions Bioethics Cooperative, Member
- 2010-2011 Association of Chiefs and Leaders of General Internal Medicine, President-Elect
- 2011-2012 Association of Chiefs and Leaders of General Internal Medicine, President
- 2012-2013 Association of Chiefs and Leaders of General Internal Medicine, Past President
- 2013- The Academy, Harvard Medical School, Member

### **Community Service Related to Professional Work:**

- 2002-2012 Board Member, Foundation for African Relief (FAR) Advisory Board

### **Editorial Boards:**

- 1996-2010 Member, Harvard Men's Health Watch Newsletter
- 1997- Member, American Journal of Medicine
- 2008- Member, International Journal of General Medicine
- 2008- Member, Risk Management & Healthcare Policy

### **Awards and Honors:**

- 1974 Phi Beta Kappa
- 1974 Phi Lambda Upsilon (Chemistry Honor Society)
- 1990 Elected Fellow, American College of Physicians
- 1999 A. Clifford Barger Award for Excellence in Mentoring, Harvard Medical School
- 1999 Beth Israel Deaconess Medical Center Team Award for Innovation (Healthcare Associates Anticoagulation Service)
- 2000 Who's Who in America, Who's Who in Medicine and Health Care
- 2003 Blue Cross Blue Shield of Massachusetts Excellence in Primary Care Award
- 2004 Who's Who in America, Who's Who in Medicine and Health Care

2005	Highly Cited Article, Essential Science Indicators (Thomson Publishers)
2005	HMO Blue Quality Award, Blue Cross Blue Shield
2006	Best Research Paper Honorable Mention Award, Society of Teachers of Family Medicine, presented to Robert Saper, MD, MPH; Stephanos Kales, MD, MPH; Janet Paquin, PhD; Michael Burns, MD; David Eisenberg, MD; Roger Davis, ScD; and <b>Russell Phillips, MD</b>
2008	Practice Attending of the Year, Healthcare Associates, Beth Israel Deaconess Medical Center
2010	Division Chief Recognition Award, Association of Chiefs and Leaders of General Internal Medicine
2013	William Silen Lifetime Achievement in Mentoring Award, Harvard Medical School
2013	Elected to Academy Membership, Program in Medical Education, Harvard
2022	<u>Brodie Medical Education Award Scholar, University of Virginia</u>
	<u>Medical School, Visiting Professor</u>
<hr/>	
Medical School	
2016	Student Leadership Committee Mentorship Award, Harvard Medical School Center for Primary Care
2017	Barbara McNeill Faculty Award for Exceptional Service to Harvard Medical School

## **Part II: Research, Teaching, and Clinical Contributions**

### **Narrative Report**

I am founding Director of the Center for Primary Care at Harvard Medical School. I was appointed to this position in February 2012 after serving as co-interim Director for 15 months. The Center was created based on recommendations by the Primary Care Advisory Group which I co-chaired. Charged by the HMS Dean to suggest ways to strengthen primary care education, clinical practice and innovation, the committee engaged the entire community through a series of town hall meetings and made recommendations for specific programs and resources. With support of 30 million dollars from a generous anonymous donor, the Dean initiated a new Center for Primary Care focused on leadership, community engagement, education and clinical innovation.

As Director, initially I lead our work that included new programming in leadership training, practice redesign across six HMS affiliated organizations (patient-centered medical home transformation), community building, training for clinician innovators, and new programming for students and residents. I also led our strategic planning process for our subsequent phase of work that focused on systems improvement, education transformation, and the study of new approaches to primary care and health, research on the financing of primary care, and entrepreneurship and innovation. In 2020, HMS moved up to the top 10 medical schools in primary care (from 17) as ranked by US News and World Report, in part due to the work of the Center for Primary Care. In another round of strategic planning, in 2021, the Center began to focus on creating a community at HMS that promoted equity, practice resilience and value in



primary care and completed a reorganization to better align our work with our mission. Our areas of work include practice transformation, entrepreneurship, education (in support of curricular design to strengthen primary care training for medical students, programs in support of students interested in family medicine, continuing medical education including leadership training, and supporting students serving as members and co-chairs of the Student Leadership Committee), research that has included highly cited manuscripts on the impact of primary care access on life expectancy, and a series of manuscripts on the financing of innovations in primary care, including value based care), and equity, access and advocacy. In recent years, we have offered the HealthTech Fellowship in entrepreneurship, modeled after the Stanford Biodesign Program, and partnered with MIT in offering the MIT/Harvard Bootcamp in Entrepreneurship, a number of leadership training programs, and system transformation efforts focused on COVID vaccination in primary care, and oral health integration into primary care. We have also won three HRSA grants. One, just completed, was a partnership with the Mass League of Community Health Centers to provide technical assistance to community health center efforts to integrate oral health, social determinant screening and navigation, and behavioral health integration through the deployment of learning collaboratives. The second was an Academic Unit focused on promoting education and training in oral health integration into primary care, and the third, which started recently, provides continuing primary care team education using a telemedicine case conference approach (Project ECHO) combined with efforts to improved population health efforts within participating efforts so as to operationalize the optimal treatment of patients with the condition of focus. In our first year, we are focusing on long COVID, as a pressing new issue in primary care. We have also won an AHRQ grant as part of the Patient Safety Learning Lab that is focused on the follow-up of symptoms, tests and referrals in primary care, and working to assure that recommended follow-up is completed using a systems engineering approach.

In 2021 at the request of Deans George Daley and Ed Hundert, we joined with the Program in Medical Education to start the Office for Community-Centered Education under the Center leadership of David Duong, MD. The Office supports investment in local community organizations in Mission Hill, Roxbury and Jamaica Plain and embeds faculty in those organizations to partner with students and community members to address the needs of the community as identified by community members.

We continue to support students' interest in primary care, and have increased our commitment to faculty engagement. In the area of philanthropy, I played a key role in raising more than 15 million dollars to support Center activities beyond the initial gift of \$30 million dollars. I have published 42 papers and chapters since moving to the Center for Primary Care, with a focus on innovations in care, practice transformation, and payment for primary care services. Additionally, the Center has hosted 2 Harkness Fellows funded by the Commonwealth Fund.

In the area of advocacy, I have been working with a Massachusetts Task Force, led by Wayne Altman, MD, that worked to provide support to practices in danger of closing due to the financial distress caused by the COVID-19 pandemic, and is currently working on extending both prospective global payment to all primary care practices, increasing primary care investment, and improving primary care access to all patients across the Commonwealth of Massachusetts.

Prior to moving to HMS in a full-time capacity, I served as Chief of the Division of General Medicine and Primary Care at Beth Israel Deaconess Medical Center for ten years. As Chief, I

doubled the size of the Division to more than 110 faculty members. With combined budgets of nearly 20 million dollars, the division transitioned from a drain on departmental finances to a major source of revenue to the department, paying both department taxes of 15 percent of revenue, and achieving positive year end variances. Under my leadership, the Division grew several signature programs; a hospital-based primary care practice, Healthcare Associates (HCA) which cared for more than 42,000 patients; a hospitalist service which cared for 80% of medical inpatients at BIDMC; a palliative care program; and a research program. In 2012, these were reorganized into four sections within the Division, each led by outstanding Section Chiefs. Our educational activities included residency, fellowship, and medical student training as well as continuing medical education. We changed the primary care residency track from a sub-program within the categorical residency to a program with its own match number and provided 6 months of primary care focused ambulatory training in both years 2 and 3 of residency within the new primary care track. In addition to my own work as a practicing internist, I led fellowship training and had an active research program. I also raised philanthropy totaling over 12 million dollars which supported integrative medicine, palliative medicine in primary care, mentorship, and leadership training for primary care innovators as well as support for innovative projects in primary care.

Prior to becoming Division Chief, I was the Director of Research for our Division, overseeing a research program that included 12 part- and full-time MD and PhD health services researchers and clinical epidemiologists studying chronic medical conditions, end-of-life care, functional impairments and disability, obesity and nutrition, patient safety and quality of care and racial disparities in care. The grants I led brought more than 50 million dollars in support of research activities and fellowship training at BIDMC. I have extensive experience in research fellowship training. I began mentoring fellows at BIDMC shortly after I joined the faculty and have mentored nearly 60 trainees including 50 general medicine or complementary and alternative medicine fellows, one underrepresented minority college student, one cardiologist, one epidemiologist, one medical resident and one chiropractor. Most of my trainees are now in academic medicine as clinician-investigators and several are editors of major medical journals. Three trainees won Mack Lipkin, Sr., Associate Awards for outstanding research abstracts presented by trainees at the national meeting of the Society of General Internal Medicine (Mary Beth Hamel, MD, MPH, Andrew Auerbach, MD, MPH, and Christina Wee, MD, MPH). Two trainees were honored with Osher Awards for best research presentations at the International Scientific Meeting on Complementary, Alternative and Integrative Medicine Research (Gloria Yeh, MD, MPH, and Peter Wolsko, MD, MPH). One of my trainees (Dr. Yeh) received the Jay Cohn New Investigator award (first place) at the Heart Failure Society of America 2003 annual meeting. I mentored two trainees on individual NRSA fellowship awards (Dr. Wee and Dr. Hamel), mentored one faculty trainee on a Medical Foundation Fellowship Award (Dr. Wee), and mentored nine faculty trainees on NIH K series career development awards (Dr. Hamel [K08], Rachel Murkofsky, MD, MPH [K12], Saul Weingart, MD, PhD [K08], Dr. Wee [K23], Dr. Yeh [K23], Robert Saper, MD, MPH [K07], Andrew Ahn, MD, MPH [K23]), Catherine Buettner, MD, MPH [K23] and Suzanne Bertisch, MD, MPH [K23]. I also mentored one faculty member (Dr. Hamel) on a Paul Beeson Physician Faculty Scholar Award in Aging.

In 1998, I assumed leadership of the Harvard Medical School Faculty Development and Fellowship Program in General Internal Medicine and served as Principal Investigator for an HRSA-funded institutional NRSA Primary Care Fellowship Training grant from 1998 until

2012. In 2009, Dr. John Ayanian joined the leadership team for the program. As leaders of the program, we were responsible for funding and overall administration of the program. I also founded and directed an NIH-funded research fellowship program in integrative medicine, the first fellowship of its kind funded by the National Center for Complementary and Alternative Medicine, serving as Principal Investigator on a T32 Fellowship Training grant for its first 13 years. The program was recently renewed by one of my former trainees (Gloria Yeh, MD, MPH) for an additional 5 years. I received the A. Clifford Barger Award for Excellence in Mentoring from Harvard Medical School in 1999 and the William Silen Career Award in Mentorship in 2013. In 2001, I won an NIH Mid-Career Investigator Award (K24) to support my training activities from the National Center for Complementary and Alternative Medicine at the NIH and successfully renewed the grant, receiving funding for a full 10 years as Principal Investigator. I stepped down from my leadership roles in fellowship training in 2012 to assume my new role as Director of the Center for Primary Care.

My major research interests over the course of my career have been broad and include: sexually transmitted infections, care for patients with serious illness, health equity, innovations in primary care, quality of care and patient safety, and integrative medicine, (with a focus on the use of exercise and meditation for patients with chronic medical conditions). My early research focused on primary care issues such as screening for sexually transmitted disease in office practice and was one of the first to evaluate the role of chlamydia as an important and common pathogen, eventually leading to screening recommendations in routine care. I won national prominence for my work on end-of-life care; I was one of the SUPPORT principal investigators and led studies on the economic impact of end-of-life care, patients' preferences for care and use of advance directives. I also completed studies on disparities in care and quality of care. I was Principal Investigator on a study funded by the Agency for Healthcare Research and Quality to develop a patient report quality measure for Asian-Americans seen in primary care practice who speak limited or no English. I was Principal Investigator on an R21 pilot grant awarded by the NCI to evaluate the feasibility and safety of massage for relief of pain and anxiety for hospitalized patients with metastatic cancer, and was Principal Investigator on a randomized controlled trial of exercise and meditation for patients with heart failure, funded by the National Center for Complementary and Alternative Medicine. I was also Co-Investigator on an R01 to study exercise and meditation for people with chronic lung disease (PI Gloria Yeh, MD, MPH), and on the use of bariatric surgery for patients with obesity (PI Christina Wee, MD, MPH). While at the Center for Primary Care, I have served as PI on a HRSA funded grant which supports the work of teams at community health centers focused on behavioral health integration, oral health integration, and the use of community health workers to address social determinants of health. I serve as PI on an AHRQ R18 focused on the follow-up and loop closure of diagnostic tests, referrals and symptoms, and I serve as PI on another HRSA grant that focuses in improving care for patients with complex chronic illness in rural states nationally using both the approach of Project ECHO and learning collaboratives. Grants on which I serve as Principal Investigator have totaled more than 6 million dollars in support at HMS.

Nationally, I chaired the Eisenberg Award Committee for Career Achievement in Research given by the Society of General Internal Medicine (SGIM) in 2002 and served as chairperson of the SGIM Research Committee between 2002 and 2004 with a primary focus on supporting career development opportunities for junior investigators. We created an annual mid-career research mentorship award that is presented to a deserving nominee at the annual meeting and also

created the John Eisenberg Career award in research, which has become of the most prestigious awards given by SGIM. In 2011-2012 I served as President of the Association of Chiefs and Leaders of General Internal Medicine. As President, I emphasized the development of young leaders, and how to promote innovation in general medicine.

Finally, I have also supported primary care outside of HMS through my involvement in advisory boards both at Harvard University Health Services and at MIT Health Services. At MIT, I have chaired the board since 2020. I also advise primary care start-ups both in the for-profit and non-profit space through the entrepreneurial work within the Center for Primary Care.

## **Funding Information**

### **Current**

CRICO 2022-23 Quality and Safety Grant PI: Talya Salant. 7/1/22-6/30/24  
Creating a Highly Reliable Sign and Symptom Tracking System to Prevent Delays in Cancer Diagnosis.

This grant is intended as a complement to the work being done in the AHRQ grant to close diagnostic loops with a focus specifically on creating a reliable safety-net in primary care for symptoms worrisome for cancer. The grant is directed towards the development of robust systems and technological innovations that allow PCPs to reduce burnout while improving quality of care and patient safety.

Role: Co-I

HRSA 1U3IRH43510-01-00 Duong(PI) 9/30/21-9/29/26

Telehealth Technology-Enabled Learning Program

Through this program, the Harvard Medical School (HMS) Center for Primary Care (CPC) is equipping primary care practitioners (PCPs) in rural areas of Arkansas, West Virginia and Oklahoma to provide high-quality care for complex patients with chronic illness using the Project ECHO model, and are working to develop systems that support the care of these patients through team-based primary care using a learning collaborative approach.

Role: Co-PI

AHRQ-R18 Patient Safety Learning Laboratory. Closing the loop on test results, referrals and symptoms Phillips (PI) 10/1/19-9/30/23

The Center for Primary Care is working with Brigham and Women's Hospital (Gordon Schiff, MD Co-PI), Northeastern (James Benneyan Co-PI) to apply systems engineering to the problem of failure to follow up on test results, referrals and worrisome symptoms in primary care practice. Clinical sites include Healthcare Associates and Bowdoin Street Health Center (Mark Aronson, MD, project lead) at BIDMC, and Teladoc (project lead Mark Bonaca, MD)

Role PI

HRSA-16-041 (UHIHP29962) Riedy (PD/PI) 7/1/16-6/30/22

#### Academic Units for Primary Care Training and Enhancement

The Harvard University School of Medicine (HMS) participates in a collaborative, multi-disciplinary Center of Excellence for Oral Health Integration into Primary Care Training (“The Center of Excellence”) that will focus on addressing the oral health competency gap in primary care training. The Center of Excellence serves as a national resource for systems-level research on oral health integration into primary care training with special emphasis on training enhancements that will recruit, train, and retain primary care providers who deliver high quality, cost-effective, patient-centered care that promotes oral health wellness, addresses oral health disparities and meets the unique needs of all communities.

Role: Co-PI

HRSA-16-042

Phillips (PI)

7/1/16-6/30/21

Primary Care Training and Enhancement Program

Forming partnerships to create a strong and sustainable foundation for the medical home model of care in Community Health Centers (CHCs) in Massachusetts’ medically underserved communities (MUCs) that leverages team-based care, supportive leadership teams, community input and a robust improvement infrastructure to advance care coordination, enhance patient outcomes, and increase provider, staff, and trainee satisfaction.

Role: PI

AHRQ U19 HS024067-01

Damberg/Singer (PI)

6/1/15-5/31/20

Understanding the role of physician group organizational capabilities and integration in PCOR implementation and outcomes

The goal of the project is to associate organizational and clinical integration with cost and quality outcomes.

Role: Co-PI

AHRQ P30

Singer (PI)

9/30/15-9/29/21

HS024453

Engineering Highly Reliable Communication and Coordination Systems for High Risk Patients, Referrals, and Tests

The goal of this project is to establish an Engineering High Reliability Learning Lab to enhance capacity for innovation and develop highly reliable systems that address communication and coordination challenges that pose patient safety risks at the intersection of primary and specialty care.

Role: Co-PI

#### Past Funding:

1984-1988

Centers for Disease Control, Co-Principal Investigator

Defining a cost-effective strategy for detection of Neisseria gonorrhoea and Chlamydia trachomatis in women receiving routine gynecologic care

- 1987-1988 Family Health International, Principal Investigator  
The relation between prior chlamydial infection and ectopic pregnancy
- 1989-1993 John A. Hartford Foundation, Co-Principal Investigator  
Using a computer-based patient information system for quality assurance
- 1989-1994 Robert Wood Johnson Foundation, Co-Principal Investigator  
Study to understand prognoses and preferences for outcomes and risks of treatments (SUPPORT)
- 1991-2000 HRSA, Co-Investigator  
Faculty Development and Fellowship Program
- 1992-1994 Robert Wood Johnson Foundation, Principal Investigator  
Hospitalized elderly longitudinal project
- 1994-1998 AHCPR, Co-Investigator  
Complications screening program-outpatient
- 1994-1998 HCFA, Co-Investigator  
Validate the complications screening program
- 1995-1996 Robert Wood Johnson Foundation, Principal Investigator  
Decision-making and resource use in seriously ill elderly patients
- 1995-1999 Risk Management Foundation, Principal Investigator,  
Ambulatory medicine quality improvement project
- 1996-1998 Robert Wood Johnson Foundation, Principal Investigator  
Effect of age on resource use, clinical decisions and cost-effectiveness of treatments
- 1998-2004 NIH, National Cancer Institute, Co-Investigator  
Patterns of care for cancer patients at end of life
- 1999-2001 Robert Wood Johnson Foundation, Principal Investigator  
Concluding study on end-of-life care using SUPPORT data
- 1999-2002 NIH, Agency for Health Care Policy and Research, Co-Investigator  
Usual care vs. choice of alternative care for low back pain
- 1999-2003 NIH, Agency for Health Care Policy and Research, Principal Investigator  
A patient-centered quality measure for Asian Americans

- 2000-2005 NIH, National Center for Complementary and Alternative Medicine Co-Investigator, Model of integrative care in an academic health center
- 2002-2005 HRSA, Co-Investigator, Faculty Development in Primary Care
- 2003-2005 Risk Management Foundation, Co-Investigator  
Improving medication safety in primary care
- 2004-2006 NIH, National Cancer Institute, Principal Investigator  
R21 Pilot Project, Massage for hospitalized patients with metastatic cancer
- 2004-2006 Risk Management Foundation, Co-Investigator  
Designing a computerized system for follow-up of abnormal cancer screening tests
- 2004-2010 NIH, National Center for Complementary and Alternative Medicine, Principal Investigator, R01, Tai Chi mind-body therapy for chronic heart failure
- 1998-2012 NIH, National Center for Complementary and Alternative Medicine, Principal Investigator, T32 Training Grant, Institutional NRSA
- 1999-2012 DHHS/HRSA, Principal Investigator, National Research Service Award
- 2001-2011 NIH, National Center for Complementary and Alternative Medicine, Principal Investigator, K24 Mid-Career Investigator Award; Research and Mentorship in Alternative Medicine
- 2007-2011 NIH, National Institute of Diabetes and Digestive and Kidney Diseases  
Co-Investigator, R01, Understanding how patients value bariatric surgery
- 2009-2011 American Cancer Society, Co-Investigator, Asian Americans with advanced cancer: preferences and care experiences
- 2010-2012 NIH, National Center for Complementary and Alternative Medicine, Co-Investigator, R01, Clinical and autonomic effects of mind-body exercise in COPD

## **Report of Teaching**

### **Local Contributions:**

**Harvard Medical School:**

- 1983-2001      Medical Student Ambulatory Care Clerkship  
Attending Physician  
1 medical student  
88 hours per year
- 1985-            Core Clinical Clerkship and Advanced Medical Clerkship  
Attending Physician  
3-4 medical students  
96 hours per year
- 1996            Critical Reading of the Medical Literature  
Tutor  
8 medical students  
80 hours per year

**Graduate Medical Courses:**

- 1997-2012      Introduction to Clinical Epidemiology, Clinical Effectiveness  
Program, Harvard School of Public Health  
Instructor  
100 physicians  
40 hours per year

**Local Invited Teaching Presentations:**

- 1991            Critical Care Conference, Beth Israel Hospital, The SUPPORT Project  
Lecturer  
20 residents and medical students  
5 hours per year
- 1992            Medical Grand Rounds, Beth Israel Hospital, Preferences and  
Decision-Making in Seriously Ill Patients  
Lecturer  
60 residents, faculty and medical students  
7 hours per year
- 1992            Clinical Epidemiology Conference, Beth Israel and Brigham and  
Women's Hospitals, The Support Project  
Lecturer  
60 physicians  
5 hours per year



- 1993            Geriatrics Grand Rounds, Beth Israel Hospital  
 Lessons from the SUPPORT Study  
 Lecturer  
 30 nurses, physicians and physicians-in-training  
 5 hours per year
- 1996            Primary Care Seminar, Beth Israel Hospital  
 Lessons from the SUPPORT Project  
 Lecturer  
 30 nurses, physicians and physicians-in-training  
 5 hours per year
- 1999            Beth Israel Deaconess Medical Center Research Day, Plenary Session/  
 Race, Resource Use and Decisions to Withhold or Withdraw Care in  
 Seriously Ill Hospitalized Adults  
 Lecturer  
 200 faculty  
 7 hours per year
- 2003            Beth Israel Deaconess Medical Center, Shapiro Institute for Education  
 and Research, Program on Mentoring  
 Lecturer  
 20 physicians  
 5 hours per year
- 2003            Harvard Medical School Faculty Development and Fellowship  
 Program in General Internal Medicine, Serving the Underserved  
 Retreat, Leadership Panel Discussion  
 Panelist  
 5 physicians  
 5 hours per year
- 2003            Beth Israel Deaconess Medical Center, Division of General Medicine  
 and Primary Care, Conference-Clinical ethics on the front lines:  
 patient-centered care, provider morale and institutional supports.  
 When is medical care “futile” and who decides?  
 Panelist  
 80 physicians and nurses  
 6 hours per year
- 2004            Center for Faculty Development, Harvard Medical School-Beth Israel  
 Deaconess Medical Center. Course-How to become an effective  
 mentor. Talk entitled “Mentoring: Lessons Learned”  
 Lecturer

- 30 physicians  
5 hours per year
- 2004 Center for Faculty Development, Harvard Medical School/Beth Israel Deaconess Medical Center. Course-How to be become an effective mentor. Talk entitled “Case Studies in Effective Mentoring”  
Lecturer  
30 physicians  
5 hours per year
- 2005- Research for Residents, Department of Medicine, Beth Israel Deaconess Medical Center  
Lecturer  
Medical residents  
10 hours per year
- 2006 Harvard Medical School Faculty Development and Fellowship Program in Complementary and Alternative Medicine, Weekly Lecture Series  
Lecturer on applying for K awards  
10 faculty and fellows  
3 hours per year
- 2010 General Medicine Grand Rounds, Division of General Medicine and Primary Care, Beth Israel Deaconess Medical Center, Weekly Lecture Series. Talk entitled “The value of general medicine: strengths and opportunities”  
Lecturer  
50 physicians, nurses, residents and other attendees  
1 hour per year
- 2011 General Medicine Grand Rounds, Division of General Medicine and Primary Care, Beth Israel Deaconess Medical Center, Weekly Lecture Series. Talk entitled “The primary care crisis: an opportunity for leadership in innovation”  
50 physicians, nurses, residents and other attendees  
1 hour per year
- 2014 Integrative Medicine Research Fellows Talk, “The Intersection of Integrative Medicine and Primary Care” Beth Israel Deaconess Medical Center, Boston, MA  
12 physicians and fellows

- 1 hour
- 2017 Didactic Speaker, “The Future of Primary Care: Do We Need a Revolution?”  
Fellowships in General Medicine and Primary Care and Integrative Medicine Therapies Harvard-wide Fellowship Conference  
Harvard Medical School, Boston, MA  
15 physicians and fellows  
1 hour
- 2017 Keynote Speaker, “The Coming Revolution in Primary Care”  
Harvard-wide Pediatric Health Services Research Fellowship  
Boston Children’s Hospital, Boston, MA  
10 fellows  
1 hour
- 2020 Medical Grand Rounds Mount Auburn Hospital, The Future of Primary Care, 60 physicians, 1 hour
- 2020 Lecturer, “The Impact of COVID-19 on Primary Care”  
Atrius Health 2<sup>nd</sup> Annual Leadership in Primary Care Forum  
100 physicians  
15 minutes
- 2020 Lecturer, The impact of COVID on primary care and oral health  
Webinar, audience of 500 people, 1 hour
- 2021 Lecturer, Harvard Medical School and Harvard School of Dental Medicine, 2021 Virtual Leadership Development Course for Physicians and Scientists, 4 attendees, 2 hours
- 2022 Lecturer, Cambridge Health Alliance Pediatrics Grand Rounds  
How can we make primary care work(for ourselves and for our patients)?  
Virtual presentation co-presented with Katherine Gergen-Barnett  
30 attendees, 1hour

**Continuing Medical Education:**

Harvard Medical School:

1986-1987 Chlamydia trachomatis Infection: Diagnosis and Management

- Primary Care Internal Medicine, Principles and Practice  
Lecturer  
5 hours per year
- 1988-1989 Detection and Treatment of Chlamydial Infection  
Primary Care of Women, Principles and Practice  
Lecturer  
5 hours per year
- 2019 Prevention  
The role of Primary Care  
Lecturer  
5 hours per year

**Advisory and Supervisory Responsibilities:**

- 1983-1994 Faculty Preceptor, General Medicine Residency Program, Beth Israel Hospital  
50 hours per year
- 1985-2012 Attending Physician, Medical Service, Beth Israel Deaconess Medical Center  
80 hours per year
- 1986-2012 Faculty Preceptor, Harvard Faculty Development and Fellowship Program in General Medicine  
45 hours per year
- 1999-2012 Faculty Preceptor, Harvard Fellowship Program in Complementary and Alternative Medicine  
40 hours per year
- 2000-2002 Faculty Advisor, Health Policy Summer Program, Minority Faculty Development Program, Harvard Medical School  
10 hours per year

**Teaching Leadership Roles:**

- 1987-1990 Co-Director  
Journal Club for Primary Care Residents, Beth Israel Hospital  
Primary responsibility: led discussion
- 1990-1995 Director  
Journal Club for Primary Care Residents, Beth Israel Hospital

Primary responsibility: led discussion  
 Special accomplishment: developed curriculum for Journal Club in 1991

1998-2012      Director  
 Faculty Development and Fellowship Program in General Internal Medicine, Harvard Medical School  
 Primary responsibility: direct Fellowship Program across five Harvard sites, 20 fellows/year, responsible for recruitment and selection of fellows, mentoring, and evaluation of Program  
 Special accomplishments: increased number of underrepresented Minority fellows, obtained continued NIH funding for Program

1999-2012      Director  
 Faculty Development and Fellowship Program in Complementary and Alternative Medicine, Harvard Medical School  
 Primary responsibility: direct Fellowship Program, 6 fellows per year  
 Special accomplishments: awarded first fellowship program funded by the National Center for Complementary and Alternative Medicine

**Names of Advisees or Trainees:**

1985-1987	Michelle Holmes, MD	Associate Professor of Epidemiology, Harvard School of Public Health; Associate Professor, Dept. of Medicine, Harvard Medical School
1986-1988	Gail Greendale, MD	Professor of Medicine and Obstetrics and Gynecology, UCLA
1989-1991	Carol Mangione, MD, MPH	Chief, Division of General Internal Medicine and Health Services Research; Professor of Medicine, UCLA; Professor of Public Health, UCLA Fielding School of Public Health
1990-1992	Harlan Krumholz, MD, SM	Professor of Medicine (Cardiology) and Professor in the Institute for Social and Policy Studies, of Investigative Medicine and of Public Health (Health Policy); Director, Center for Outcomes Research and Evaluation (CORE), Yale Univ.
1990-1992	Michael Green, MD	Professor of Medicine, Yale School of Medicine
1990-1992	Ira Wilson, MD, MSc	Chair and Professor, Department of Health Services, Policy and Practice, Brown University School of Public Health; Professor of Medicine, Alpert Medical School of Brown University
1991-1993	Judith Pinsker, MD	Assistant Professor of Medicine, Tufts Medical Center, and Clinical Associate Professor of Medicine, Tufts Medical Center

1992-1994	Mary Beth Hamel, MD, MPH	Executive Editor, The New England Journal of Medicine Associate Professor of Medicine, Harvard Medical School
1992-1994	Ken Covinsky, MD, MPH	Edmund G. Brown, Sr., Professor in Geriatrics, Professor of Medicine, UCSF
1993-1995	Christopher Shanahan, MD	Assistant Professor of Medicine, Boston University School of Medicine
1993-1996	Keith vom Eigen, MD, PhD, MPH	Assistant Professor of Medicine, UCONN Health
1993-1996	Paul Haidet, MD, MPH	Professor of Medicine, Penn. State College of Medicine; Professor of Public Health Sciences, Penn State College of Medicine; Professor of Humanities, Penn State College of Medicine
1994-1997	Todd Seto, MD	Associate Professor of Medicine, University of Hawaii
1994-1997	Jan Hofmann, MD	Clinical Faculty Volunteer, Dept of Laboratory Medicine, UCSF
1995-1997	Carol Ronk-Regueiro, MD	Director, Patient-Centered Complex Care Transformation, Allegheny Health Network
1995-1998	Adina Schneider, MD	Endocrinologist, Northwell Health, NY
1996-1998	Kathleen Fairfield, MD, MPH, DrPH	Vice Chair for Research and Quality Improvement, Dept. of Medicine, Maine Medical Center; Associate Professor of Medicine, Public Health & Community Medicine, Tufts University School of Medicine
1996-1998	Andrew Auerbach, MD, MPH	Professor of Medicine, UCSF
1997-1998	Saul Weingart, MD, MPP, PhD	President, Rhode Island Hospital
1997-1999	Christina Wee, MD, MPH	Associate Professor of Medicine, Harvard Medical School, Deputy Editor, Annals of Internal Medicine
1997-2000	James Levenson, MD, MPH	Assistant Professor of Medicine, Harvard Medical School
1998-2000	James Barassi, DC	Chiropractor, Gateway Chiropractic & Occupational Health Center, Leominster, MA
1998-2000	Ellen McCarthy, PhD, MPH	Associate Professor of Medicine, Harvard Medical School, Associate Professor, Epidemiology, Harvard T.H. Chan School Of Public Health
1998-2000	Joan Neuner, MD, MPH	Professor of Medicine, Medical College of Wisconsin
1998-2000	David Foster, MD	Staff writer and producer for television show "House"
1999-2003	Quyen Ngo-Metzger, MD, MPH	Professor, Health Systems Science Dept, Kaiser Permanente Tyson School of Medicine
1999-2001	Rachel Murkofsky, MD, MPH	Assistant Clinical Professor, Department of Geriatrics, University of Hawaii

1999-2001	Radhika Ramanan, MD, MPH	Professor of Medicine, UCSF;
1999-2002	Peter Wolsko, MD, MPH	General Internist, Kaiser Permanente, Lafayette, Colorado
2000-2003	Gloria Yeh, MD, MPH	Associate Professor of Medicine, Director of the HMS Research Fellowship in Integrative Medicine, Harvard Medical School, Director of Clinical Research, Osher Center for Integrative Medicine, Harvard Medical School and Brigham and Women's Hospital
2001-2004	Mita Goel, MD, MPH	Associate Professor of Medicine, Northwestern University
2001-2003	Anne McCaffrey, MD, MPH	Clinical Instructor in Medicine, Harvard Medical School; Medical Director, Marino Center for Progressive Health, Cambridge, MA
2001-2004	Robert Saper, MD, MPH	Chair of Integrative Medicine, Cleveland Clinic, Professor, Cleveland Clinic
2001-2003	Alexie Cintron, MD, MPH	Assistant Professor, Baylor College of Medicine
2002-2004	Mara Schonberg, MD, MPH	Associate Professor of Medicine, Harvard Medical School
2002-2004	Susan Sabatino, MD, MPH	Medical Officer, Div. of Cancer Prevention and Control's Epidemiology and Applied Research Branch, CDC
2002-2005	Andrew Ahn, MD, MPH	Assistant Professor, Medicine, Harvard Medical School
2002-2005	Hilary Tindle, MD, MPH	Assistant Professor, Radiology, Harvard Medical School Associate Professor of Medicine Vanderbilt University Founding Director of ViTAL, the Vanderbilt Center for Tobacco, Addiction and Lifestyle William Anderson Spickard Jr., M.D., Chair in Medicine
2003-2005	Alexander Green, MD, MPH	Associate Professor of Medicine, Harvard Medical School
2003-2006	Robert Graham, MD, MPH	Chef and Co-Founder, FRESH Med Integrative Medicine, New York
2003-2006	Catherine Buettner, MD, MPH	Assistant Professor of Medicine, Harvard Medical School
2003-2006	Raegan Durant, MD, MPH	Associate Professor of Preventive Medicine, University of Alabama-Birmingham
2004-2006	Samuel Myers, MD, MPH	Principal Research Scientist, Planetary Health, Exposure, Epidemiology, and Risk Program, Department of Environmental Health (HSPH); Director, Planetary Health Alliance
2004-2006	Paula Gardiner, MD, MPH	Associate Professor of Family Medicine, Boston University School of Medicine
2005-2008	Suzanne Bertisch, MD, MPH	Assistant Professor of Medicine, Harvard Medical School, Associate Physician and Clinical Director of Behavioral Sleep Medicine, Brigham and Women's

2005-2008	Darshan Mehta, MD, MPH	Hospital Medical Director, Benson-Henry Institute for Mind Body Medicine, Assistant Professor of Medicine, Harvard Medical School, Education Director, Osher Center for Integrative Medicine
2006-2009	Gurjeet Birdee, MD, MPH	Assistant Professor, Internal Medicine and Integrative Health, Assistant Professor of Pediatrics, Division of General Internal Medicine and Public Health, Vanderbilt University, Nashville, TN
2006-2010	Anup Kanodia, MD, MPH	Functional Medicine Doctor, Kanodia MD, Westerville, OH
2007-2010	Asghar Naqvi, MD, MPH, MNS	Hospitalist, Our Lady of the Lake Regional Medical Center, Baton Rouge, LA
2008-2012	Jacinda Nicklas, MD, MPH/MSPH	Associate Professor, Medicine-Internal Medicine, University Internal Medicine at Anschutz, University of Colorado Hospital
2008-2012	Rebecca Erwin Wells, MD, MPH	Associate Professor of Neurology, Wake Forest University School of Medicine
2009-2012	Aditi Nerurkar, MD, MPH	Co-Director of the HMS Clinical Clerkship in Community Engagement, Lecturer on Global Health and Social Medicine, Integrative Medicine Physician & Health Communicator
2009-2012	Melissa Wachterman, MD, MPH	Adjunct Assistant Professor, Boston University School of Medicine in General Internal Medicine, Assistant Professor of Medicine, Harvard Medical School
2010-2012	Bradley Crotty, MD, MPH	Chief Digital Engagement Officer, The Froedtert & Medical College of Wisconsin Health System, Assistant Professor of Medicine, Medical College of Wisconsin
2010-2012	Maulik Purohit, MD, MPH	Associate Chief Medical Information Officer, University Hospitals, Clinical Assistant Professor, CWRU School of Medicine
2016-2017	Helen Jack, MD	Assistant Professor of Medicine, Division of General Medicine, University of Washington, Seattle, WA
2016-2017	Andreas Mitchell, MD	Internal Medicine Resident at University of California, San Francisco
2016-2017	Alexander Kazberouk, MD, MBA	Resident Physician, Medicine, UCSF

### **Trainees Sponsored on Individual Fellowship and Career Development Awards:**

<b>Duration of Award</b>	<b>Name</b>	<b>Grant Number</b>	<b>Title of Project</b>
1995 – 1996	Mary Beth Hamel, MD, MPH	NIH/NIA 1 F32 HS00082-01	Outcomes and resource use for severely ill adults
1999 – 2000	Christina Wee, MD, MPH	NIH/NIDDK	Obesity, weight loss and access to



1996 – 2001	Mary Beth Hamel, MD, MPH	1 F32 HS000173 NIH/NIA	preventive care Outcomes and costs of invasive care for the elderly
2000 – 2005	Mary Beth Hamel, MD, MPH	1 K08 AG00755-01 NIH/NIA Paul Beeson Career Development Award in Aging Research	Morbidity and mortality of major surgery in very elderly patients
2001 – 2006	Christina Wee, MD, MPH	NIH/NIDDK 1 K23 DK002962	Managing obesity-cost, quality of life and interventions
2001 – 2006	Saul Weingart, MD, PhD	AHRQ 1 K08 HS011644	Partnering with patients to find adverse events
2005 – 2010	Andrew Ahn, MD, MPH	NIH/NCCAM 1 K23 AT003238	Acupuncture biophysics-electrical properties of connective tissue
2005 – 2010	Gloria Yeh, MD, MPH	NIH/NCCAM 1 K23 AT002624	Mind-body exercise in the management of cardiac disease
2005 – 2010	Robert Saper, MD, MPH	NIH/NCCAM 1 K07 AT002915	Academic career development in CAM research and education
2009 – 2014	Catherine Buettner, MD, MPH	NIH/NCCAM 1 K23 AT005664	Effect of CoQ10 on mild-to-moderate muscle symptoms of statin users
2009 – 2014	Suzanne Bertisch, MD, MPH	NIH/NCCAM 1 K23 AT005104	Physiology of mind-body therapies: meditative breathing and autonomic adaptations

## Regional, National or International Contributions

### Invited Presentations:

- 1987      Lecturer  
Postgraduate Medical Series, Primary Care Sessions, Boston, MA  
*Screening for chlamydia*
- 1987      Lecturer  
Residents' Conference, Boston City Hospital, Boston, MA  
*Chlamydia screening, diagnosis and treatment*
- 1988      Lecturer  
Internal Medicine Conference, Harvard Community Health Plan, Boston, MA  
*Chlamydial infections*
- 1989      Instructor  
American College of Physicians, Boston, MA  
*MKSAP VIII Review Course*

- 1992      Lecturer  
East Boston Health Center Medicine Conference, Boston, MA  
*Preferences and decision-making in seriously ill adults*
- 1992      Lecturer  
Dana-Farber Cancer Institute, Boston, MA  
*The SUPPORT Project*
- 1993      Workshop Faculty  
SGIM New England Regional Meeting, Boston, MA  
*Sexually transmitted diseases-diagnostic and therapeutic dilemmas*
- 1995      Faculty Mentor  
SGIM New England Regional Meeting, Dartmouth, NH  
*Mentorship*
- 1996      Lecturer  
Division of Medical Ethics, Harvard Medical School, Boston, MA  
*Care near the end of life, The SUPPORT Project: What have we learned?*
- 1997      Lecturer  
Regional Meeting, Massachusetts Health Decisions Bioethics  
Cooperative, Boston, MA  
*Lessons from the SUPPORT Project*
- 1997      Lecturer  
Professor's Rounds, Framingham Hospital, Framingham, MA  
*Caring for patients near the end of life*
- 1997      Lecturer  
Division of General Medicine Research Conference, Brown University  
School of Medicine, Providence, RI  
*Patient race, resource use and treatment decisions*
- 2000      Lecturer  
6<sup>th</sup> Annual Symposium, The Picker Institute, Boston, MA  
*Patient-centered quality of care for Asian Americans*
- 2000      Distinguished Cashdollar Visiting Professor  
University of Tennessee, College of Nursing, Knoxville, TN  
*Difficulties families experience near the end of life*

- 2001      Testifier  
White House Commission on Complementary and Alternative Medicine  
Policy, Washington, DC  
*Training Programs in Complementary and Alternative Medicine*
- 2003      Faculty mentor  
Society of General Internal Medicine National Annual Meeting  
*One-on-one mentoring program*
- 2003-05   Faculty workshop leader  
Society of General Internal Medicine National Annual Meeting  
*Becoming an effective clinician-investigator mentor*
- 2006      Faculty workshop leader  
Society of General Internal Medicine National Annual Meeting  
*What chiefs of general internal medicine want when recruiting a  
clinician educator*
- 2006      Faculty workshop co-leader  
Society of General Internal Medicine National Annual Meeting  
*Getting the most out of your mentor: a guide to becoming a successful  
mentee*
- 2007      Lecturer  
Leventhal-Sidman Jewish Community Center, Boston, MA  
*Demystifying complementary and alternative therapies*
- 2007      Participant, ACGIM-SGIM-SHM Academic Hospitalist Summit
- 2008      Faculty workshop member  
NIH/NCCAM Grantsmanship Workshop  
*Hints from seasoned researchers*
- 2009      Lecturer  
Annual Harvard CME Course in Geriatric Medicine, Boston, MA  
*Use of complementary and alternative therapies among older patients:  
epidemiology and evidence for use*
- 2010      Lecturer  
TRICARE Fourth Generation (T\$) Core Working Group  
Massachusetts Institute of Technology, Cambridge, MA  
Speaking about primary care issues and challenges

- 2011      Lecturer  
Society of General Internal Medicine New England Regional Annual Meeting. Plenary Session.  
*The value of general medicine: strengths and opportunities*
- 2011      General Medicine Grand Rounds, Division of General Medicine and Primary Care, Beth Israel Deaconess Medical Center, Weekly Lecture Series. Talk entitled “The primary care crisis: an opportunity for leadership in innovation”  
50 physicians, nurses, residents and other attendees  
1 hour per year
- 2012      Fifth Annual James S. Winshall Lectureship in General Internal Medicine, Department of Medicine, Brigham and Women’s Hospital, Talk entitled “Who Will Care For Us and Our Patients? Addressing the Crisis in Primary Care”  
*150 physicians, nurses, residents and other attendees*  
1 hour
- 2012      General Medicine Grand Rounds, Division of General Medicine and Primary Care, Beth Israel Deaconess Medical Center, Weekly Lecture Series. “The Harvard Medical School Center for Primary Care”  
50 physicians, nurses, residents and other attendees  
1 hour per year
- 2013      Primary Care Consortium Retreat, Johns Hopkins School of Medicine  
Primary Care Consortium Retreat: The Harvard Experience  
Members of the medical community at Johns Hopkins in attendance  
1 hour
- 2013      Society of General Internal Medicine, NE Regional Meeting, Yale University. Panel entitled “How to be promoted for Pursuing your Passion”  
Various members of ACLGIM in attendance  
1 hour
- 2013      Grandberg Visiting Professor Medical Grand Rounds, Division of General Medicine and Beth Israel Deaconess Medical Center, Weekly Lecture Series. Talk entitled “Who Will Care For Us and Our Patients? Addressing the Crisis in Primary Care”  
100 physicians, nurses, residents and other attendees  
1 hour

- 2013 Long Island Jewish Medical Center Grand Rounds, New Hyde Park,  
“Building a Foundation in High-Value Health-Systems”  
50 physicians, nurses, residents and other attendees  
1 hour
- 2014 University of Connecticut School of Medicine Lecturer,  
National Primary Care Week, Farmington, CT “Building a Foundation  
in High-Value Health Systems”  
50 physicians, nurses, residents and other attendees  
1 hour
- 2013 Fellowship Orientation Event, Commonwealth Fund, New York, NY.  
“A New Approach to Primary Care at HMS”
- 2014 Participant  
Family Medicine for America’s Health  
(Future of Family Medicine 2.0) Strategy Retreat, CFAR,  
San Diego, CA
- 2014 Panelist, Serving the Underserved Retreat, “The Affordable Care Act:  
The Effects of Healthcare Reform on Vulnerable Populations,  
Department of Health Care Policy Harvard Medical School, Boston, MA
- 2014 Workshop Leader, “Research Careers in General Medicine: How to Get  
Started and Be Successful”. Society of General Internal Medicine New  
England Regional Meeting, Harvard Medical School, Boston, MA
- 2014 Mark A. Moskowitz, MD, Visiting Professorship. Boston Medical Center  
Medical Grand Rounds, Boston MA “Strengthening our Primary Care  
Community: Sharing Stories”  
50 physicians, nurses, residents and other attendees  
1 hour
- 2014 Mark A. Moskowitz, MD, Visiting Professorship. Boston Medical  
Center, General Medicine Grand Rounds, Boston MA “Transforming  
Practice and Education in the Academic Health Center.”  
50 physicians, nurses, residents and other attendees  
2 hours
- 2014 Keynote Speaker, Southcentral Foundation’s Nuka Conference,  
Anchorage, Alaska  
150 physicians, nurses, administrators, and other attendees  
1 hour

- 2014 Seminar Speaker, “Transforming Primary Care Practice.”  
Institute for Public Health and Medicine, Northwestern University  
Feinberg School of Medicine, Chicago, IL  
150 students, researchers, and faculty  
1 hour
- 2014 Speaker, “HMS Center for Primary Care.”  
Division of Primary Care, Feinberg School of Medicine, Chicago, IL  
40 physicians  
1 hour
- 2015 Speaker, “Primary Care and Oral Health.”  
Initiative to Integrate Oral Health and Primary Care  
Harvard School of Dental Medicine, Boston, MA  
12 Council members  
1 hour
- 2015 Presenter, “Planning for Primary Care Workforce and Financing  
Changes”  
Center for Medicare & Medicaid Innovation, Baltimore, MD  
25 CMMI staff  
2 hours
- 2016 Presenter, “Planning for Primary Care Workforce  
and Financing Changes”  
Agency for Healthcare Research and Quality, Rockville, MD  
20 AHRQ staff  
2 hours
- 2015 Panelist, “The State of Primary Care in the US.”  
InciteHealth Launch Event, Cambridge, MA  
40 fellows, faculty, and staff  
1 hour
- 2015 Keynote Speaker, “Uniting Oral Health and Primary Care.”  
Henry Schein Gala, Boston, MA  
60 oral health physicians, Advisory Board members  
1 hour
- 2015-2017 Panelist, “Non-Traditional Sources of Funding for Meeting your  
Leadership Goals.”  
HMS Leadership Development for Physicians and Scientists  
Harvard Medical School, Boston, MA  
60 HMS faculty

- 1 hour
- 2014-2022 Session Leader, “Personal Action Plan.”  
HMS Leadership Development for Physicians and Scientists  
Harvard Medical School, Boston, MA  
6 HMS faculty  
1 hour
- 2015 Presenter, “HMS Center for Primary Care”  
Shaanxi Health Delegation from China  
Harvard Medical School, Boston, MA  
8 international health delegates  
1 hour
- 2016 Reactor, “Preparing for a new age of Measurement in Primary Care:  
Lessons from the U.K. Quality Outcomes Framework”  
Starfield Summit  
Washington, DC  
100 physicians, nurses, administrators, and other attendees  
1.5 hours
- 2016 Plenary Speaker, “The Role of Primary Care Systems in  
Cancer Detection and Management”  
9th Annual Ca-PRI Conference  
Boston, MA  
100 physicians, nurses, administrators, and other attendees  
1 hour
- 2017 Medicine Grand Rounds, “The Future of Primary Care: Do We Need a  
Revolution?”  
Dartmouth-Hitchcock Medical Center  
Lebanon, NH  
100 physicians, administrators, students, and other attendees  
1 hour
- 2017 Medicine Grand Rounds, “The Coming Revolution in Primary Care”  
Henry Ford Hospital  
Detroit, MI  
180 physicians  
1 hour
- 2017 Webinar, “The Center for Primary Care: Practice Transformation”  
Patient-Centered Primary Care Collaborative  
Washington, D.C.

- 40 participants  
1 hour
- 2021 Invited Presenter, National Academies of Sciences, Engineering and Medicine, Integrating Serious Illness Care into Primary Care Delivery  
“The role of interdisciplinary teams in caring for people with serious illness in primary care settings”  
Virtual Workshop June 10, 2021  
200 Participants  
1 hour
- 2022 Lecturer, University of Virginia, Medical Grand Rounds, Brody award presentation  
“Improving Health through Primary Care Investment and Value-Based Payment”  
100 participants, 1 hour
- 2022 Lecturer, University of Virginia, Medical Education Grand Rounds, Brody Award Presentation  
“Medical Education: Students Leading and Co-Creating Change”  
100 participants, 1 hour

**Professional Leadership Roles Related to Teaching:**

- 1986-2000 Hale Hospital, Haverhill, MA  
Course Director, Continuing Medical Education Series
- 1990-1993 Amesbury Hospital, Amesbury, MA  
Course Director, Continuing Medical Education Series

**Description of Teaching Award(s):**

- 1998 A. Clifford Barger Award for Excellence in Mentoring, Harvard Medical School
- 2013 William Silen Lifetime Achievement in Mentoring Award, Harvard Medical School

**Description of Major Curriculum Offerings:**

I was Director of the Harvard Medical School Faculty Development and Fellowship



Program in General Internal Medicine for 12 years, during which the program graduated nearly 120 fellows. This research-training program is designed to provide skills in primary care research methods as well as extensive practical research experience under the direction of highly qualified preceptors to postdoctoral fellows who have already demonstrated outstanding clinical skills in primary care internal medicine. The academic program begins with The Clinical Effectiveness Program each July 1 with an eight-week summer curriculum at the Harvard School of Public Health in which there are 4.5 hours of classes per day taught exclusively to physicians in a small group seminar format. Classes include biostatistics, clinical epidemiology, health services research and decision sciences. Subsequent to the summer, fellows continue studies at the HSPH and obtain a master's degree. Although the program emphasizes research, fellows receive training in all elements of academic careers including research, teaching, patient care and leadership. Since 1979, the program has trained more than 350 fellows, more than 90% of whom continue as primary care generalists in academic medicine. When I directed the Program between 1998 and 2012, I was responsible for funding, administrative support, evaluation and mentoring of fellows and was PI on one of the HRSA grants which supported the program. Graduates of our fellowship program are among the leaders in general medicine nationally, and many have gone on to become professors, division chiefs, department chairs, and systems leaders, with much of their credibility as leaders derived from their research accomplishments.

In 1999, I received a T32 training grant from the National Center for Complementary and Alternative Medicine (NCCAM) for the first fellowship training grant awarded by NCCAM, which was an innovative program to teach research methods to board-certified or eligible general internists and other physicians who wanted to be prepared for an academic career evaluating and creating an evidence-base for complementary and integrative medicine. I was the founding director of the program. Modeled after our successful general medicine fellowship program, fellows complete a master's level degree program at the Harvard School of Public Health, complete mentored research projects, and gain clinical experience in complementary and integrative medicine. In 2001, in recognition of my mentoring role, I received a K24 mid-career investigator award from the NIH to support my training activities. For the competitive continuation of our NCCAM fellowship program, we received a priority score of 133, and our grant was renewed for an additional 5 years. I received a score of 120 on the competitive renewal of my K24 Mid-Career Investigator Award, and my mentorship activities related to this grant continued until 2012. The program has continued since I stepped away in 2012 under the leadership of one of my former fellows, Dr. Gloria Yeh. Trainees from our program have gone on to leadership roles in the field of integrative medicine research, and are now serving as professors, division chiefs, and departmental leaders. The program has trained more than 80 fellows.

I have also served as a mentor for most of my academic life and have trained nearly 60 trainees, most of whom have remained in academic medicine as researchers and leaders. I have been recognized by mentoring awards at HMS including the Silen Career Award,

and have won mentoring support through an NIH mid-career mentorship award. I have published on mentorship, and continue to provide mentorship to numerous HMS students in my role as Founding Director for the Center for Primary Care.

## Report of Clinical Activities

### Description of Clinical Practice:

Hospital-based primary care practice, Staff internist since 1985  
Division of General Medicine,  
Beth Israel Deaconess Medical Center

### Patient Load:

Mixed panel of approximately 225 patients, 8-10 patients seen weekly

## Part III: Bibliography

**Original Articles (273 Original Publications. According to Google Scholar H index of 116; 45,594 citations as of 03/10/23)**

1. **Phillips RS**, Aronson MD, Taylor WC, Safran C. Should tests for Chlamydia trachomatis cervical infection be done during routine gynecological visits? An analysis of the cost of alternative strategies. *Ann Intern Med* 1987;107:188-194.
2. **Phillips RS**, Hanff PA, Kaufman RS, Aronson MD. Use of a direct fluorescent antibody test for detecting Chlamydia trachomatis cervical infection in women seeking routine gynecological care. *J Infect Dis* 1987;156:575-581.
3. **Phillips RS**, Safran C, Cleary PD, Delbanco TL. Predicting emergency readmissions for patients discharged from the medical service of a teaching hospital. *J Gen Intern Med* 1987;2:400-405.
4. **Phillips RS**, Hanff PA, Wertheimer A, Aronson MD. Gonorrhea in women seen for routine gynecologic care: criteria for testing. *Am J Med* 1988;85:177-182.
5. Levkoff SE, Safran C, Cleary PD, Gallop J, **Phillips RS**. Identification of factors associated with the diagnosis of delirium in elderly hospitalized patients. *J Am Geriatr Soc* 1988;36:1099-1104.
6. Safran C, **Phillips RS**. Interventions to prevent readmission: the constraints of cost and efficacy. *Med Care* 1989;27:204-211.
7. **Phillips RS**, Safran C, Aronson MD, Taylor WC. Should women be tested for gonococcal infection of the cervix during routine gynecologic visits? An economic appraisal. *Am J Med* 1989;86:297-302.
8. **Phillips RS**, Hanff PA, Holmes MD, Wertheimer A, Aronson MD. Chlamydia trachomatis cervical infection in women seeking routine gynecologic care: criteria for selective testing. *Am J Med* 1989;86:515-520.
9. Udvarhelyi IS, Jennison K, **Phillips RS**, Epstein AM. Comparison of the quality of

- ambulatory care for fee-for-service and prepaid patients. *Ann Intern Med* 1991;115:394-400.
10. Rosenberg MJ, **Phillips RS**, Holmes MD. Vaginal douching: who and why? *J Reprod Med* 1991;36:753-758.
  11. **Phillips RS**, Tuomala RE, Feldblum PJ, Schachter J, Rosenberg MJ, Aronson MD. The effect of cigarette smoking, Chlamydia trachomatis infection, and vaginal douching on ectopic pregnancy. *Obstet Gynecol* 1992;79:85-90.
  12. Freund KM, Buttlar CA, Giampaolo C, **Phillips RS**, Aronson MD, Moskowitz MA. The use of cervical cytology to identify women at risk for chlamydial infection. *Am J Prev Med* 1992;8:292-297.
  13. Mangione CM, **Phillips RS**, Seddon JM, Lawrence MG, Cook EF, Dailey R, Goldman L. Development of the "Activities of Daily Vision Scale": a measure of visual functional status. *Med Care* 1992;30:1111-1126.
  14. Holmes MD, Safyer SM, Bickell NA, Vermund SM, Hanff P, Braslow C, **Phillips RS**. Chlamydial cervical infection in jailed women. *Am J Public Health* 1993;83:551-555.

15. Greendale GA, Hass ST, Holbrook K, Walsh B, Schachter J, **Phillips RS**. The relationship of Chlamydia trachomatis infection and male infertility. *Am J Public Health* 1993;83:996-1001.
16. Teno J, Lynn J, **Phillips RS**, Youngner S, Connors AF, Jr., Oye R, Desbiens N, Fulkerson W, Knaus W for the SUPPORT Investigators. Do formal advance directives affect resuscitation decisions and the use of resources for seriously ill patients? *J Clin Ethics* 1994;5:23-30.
17. Rind DM, Safran C, **Phillips RS**, Wang Q, Calkins DR, Delbanco T, Bleich H, Slack W. Effect of computer-based alerts on the treatment and outcomes of hospitalized patients. *Arch Intern Med* 1994;154:1511-1517.
18. Wenger NS, Oye RK, Bellamy PE, Lynn J, **Phillips RS**, Desbiens NA, Kussin P, Youngner SJ. Prior capacity of patients lacking decision-making ability early in hospitalization: implications for advance directive administration. *J Gen Intern Med* 1994;9:539-543.
19. Teno JM, Murphy D, Lynn J, Tosteson A, Desbiens N, Connors AF, Jr., Hamel MB, Wu A, **Phillips RS**, Wenger N, Harrell FE, Jr., Knaus WA. Prognosis-based futility guidelines: does anyone win? *J Am Geriatr Soc* 1994;42:1202-1207.
20. Covinsky KE, Goldman L, Cook EF, Oye R, Desbiens N, Reding D, Fulkerson W, Connors AF, Jr., Lynn J, **Phillips RS**. The impact of serious illness on patients' families. *JAMA* 1994;272:1839-1844.
21. Mangione CM, **Phillips RS**, Lawrence MG, Orav JO, Seddon JM, Goldman L. Improved visual function and attenuation of declines in health-related quality of life after cataract extraction. *Arch Ophthalmol* 1994;112:1419-1425.
22. Tsevat J, Cook EF, Green ML, Matchar DB, Dawson NV, Broste SK, Wu AW, **Phillips RS**, Oye RK, Goldman L. Health values of the seriously ill. *Ann Intern Med* 1994;122:514-520.
23. Knaus WA, Harrell FE, Jr., Lynn J, Goldman L, **Phillips RS**, Connors AF, Jr., Dawson NV, Fulkerson WJ, Califf RM, Desbiens N, Layde P, Oye RK, Bellamy PE, Hakim R, Wagner D. The SUPPORT Prognostic Model: objective estimates of survival for seriously ill hospitalized adults. *Ann Intern Med* 1995;122:191-203.
24. Teno JM, Hakim RB, Knaus WA, Wenger NS, **Phillips RS**, Wu AW, Layde P, Connors AF, Jr., Dawson NV, Lynn J. Preferences for cardiopulmonary resuscitation: physician-patient agreement and hospital resource use. *J Gen Intern Med* 1995;10:179-186.
25. Arkes HR, Dawson NV, Speroff T, Harrell FE, Jr., Alzola C, **Phillips RS**, Desbiens N, Oye RK, Knaus W, Connors AF, Jr. The covariance decomposition of the probability score and its use in evaluating prognostic estimates. *Med Decis Making* 1995;15:120-131.
26. Pinsker J, **Phillips RS**, Davis RB, Iezzoni LI. Use of follow-up services by patients referred from a walk-in unit: how can patient compliance be improved? *Am J Med Qual* 1995;10:81-87.
27. Hamel MB, Goldman L, Teno J, Lynn J, Davis RB, Harrell FE, Jr., Connors AF, Jr., Califf R, Kussin P, Bellamy P, Vidaillet H, **Phillips RS**. Identification of comatose patients at high risk for death or severe disability. *JAMA* 1995;273:1842-1848.

28. Davis RB, Iezzoni LI, **Phillips RS**, Reiley P, Coffman GA, Safran C. Predicting in-hospital mortality: the importance of functional status information. *Med Care* 1995;33:906-921.
29. Layde PM, Beam CA, Broste SK, Connors AF, Jr., Desbiens N, Lynn J, **Phillips RS**, Reding D, Teno J, Vidaillet H, Wenger N. Surrogates' predictions of seriously ill patients' resuscitation preferences. *Arch Fam Med* 1995;4:518-523.
30. Mangione CM, Orav EJ, Lawrence MG, **Phillips RS**, Seddon JM, Goldman L. Prediction of visual function after cataract surgery: a prospectively validated model. *Arch Ophthalmol* 1995; 113:1305-1311.
31. Hiltunen EF, Puopolo AL, Marks GK, Marsden C, Kennard MJ, Follen MA, **Phillips RS**. The nurse's role in end-of-life treatment discussions: preliminary report from the SUPPORT project. *J Cardiovasc Nurs* 1995;9:68-77.
32. **Phillips RS**, Wenger N, Teno J, Oye RK, Youngner S, Califf R, Layde P, Desbiens N, Connors AF, Jr., Lynn J. Choices of seriously ill patients about cardiopulmonary resuscitation: correlates and outcomes. *Am J Med* 1996;100:128-137.
33. Seto TB, Taira DA, Davis RB, Safran C, **Phillips RS**. Effect of physician gender on the prescription of estrogen replacement therapy. *J Gen Intern Med* 1996;11:197-203.
34. Wenger NS, Oye RK, Desbiens NA, **Phillips RS**, Teno J, Connors AF, Jr., Liu HH, Zemsky MF, Kussin P. The stability of DNR orders on hospital readmission. *J Clin Ethics* 1996;7:48-54.
35. Reiley P, Iezzoni LI, **Phillips R**, Davis RB, Tuchin LI, Calkins D. Discharge planning: comparison of patients' and nurses' perceptions of patients following hospital discharge. *Image J Nurs Sch* 1996;28:143-147.
36. Kennard MJ, Speroff T, Puopolo AL, Follen MA, Mallatratt L, **Phillips R**, Desbiens N, Califf RM, Connors AF, Jr. Participation of nurses in decision-making for seriously ill adults. *Clin Nurs Res* 1996;5:199-219.
37. Rosenfeld KE, Wenger NS, **Phillips RS**, Connors AF, Jr., Dawson NV, Layde P, Califf RM, Liu H, Lynn J, Oye RK. Factors associated with change in resuscitation preference of seriously ill patients. *Arch Intern Med* 1996;156:1558-1564.
38. Covinsky KE, Landefeld CS, Teno J, Connors AF, Jr., Dawson N, Youngner S, Desbiens N, Lynn J, Fulkerson W, Reding D, Oye R, **Phillips RS**. Is economic hardship on the families of the seriously ill associated with patient and surrogate care preferences? *Arch Intern Med* 1996;156:1737-1741.
39. Hakim RB, Teno JM, Harrell FE, Jr., Knaus WA, Wenger N, **Phillips RS**, Layde P, Vidaillet H, Califf R, Connors AF, Jr., Lynn J. Factors associated with do-not-resuscitate orders: patients' preferences, prognoses and physicians' judgments. *Ann Intern Med* 1996;125:284-293.
40. **Phillips RS**, Hamel MB, Teno JM, Bellamy P, Broste SK, Califf RM, Vidaillet H, Davis RB, Muhlbaier LH, Connors AF, Jr., Lynn J, Goldman L. Race, resource use and survival in seriously ill hospitalized adults. *J Gen Intern Med* 1996;11:387-396.
41. Hamel ME, **Phillips RS**, Teno JM, Lynn J, Galanos AN, Davis RB, Connors AF, Jr., Oye RK, Desbiens N, Reding D, Goldman L. Seriously ill hospitalized adults: do we spend less on older patients? *J Am Geriatr Soc* 1996;44:1043-1048.

42. Desbiens NA, Wu AW, Broste SK, Wenger NS, Connors AF, Jr., Lynn J, **Phillips RS**, Fulkerson W. Pain and satisfaction with pain control in seriously ill hospitalized adults: findings from the SUPPORT research investigations. *Crit Care Med* 1996;24:1953-1961.
43. Lynn J, Teno JM, **Phillips RS**, Wu AW, Desbiens N, Harold J, Classens MT, Wenger N, Kreling B, Connors AF, Jr. Perceptions by family members of the dying experience of older and seriously ill patients. *Ann Intern Med* 1997;126:97-106.
44. Fitzgerald JD, Wenger NS, Califf RM, **Phillips RS**, Desbiens NA, Liu H, Lynn J, Wu AW, Connors AF, Jr., Oye RK. Functional status among survivors of in-hospital cardiopulmonary resuscitation. *Arch Intern Med* 1997;157:72-76.
45. Petersen K, **Phillips RS**, Soukup J, Komaroff AL, Aronson MD. The effect of erythromycin on resolution of symptoms among adults with pharyngitis not caused by group A streptococcus. *J Gen Intern Med* 1997;12:95-101.
46. Wilson IB, Green ML, Goldman L, Tsevat J, Cook EF, **Phillips RS**. Is experience a good teacher? How interns and attending physicians understand patients' choices for end-of-life care. *Med Decis Making* 1997;17:217-227.
47. Calkins DR, Davis RB, Reiley P, **Phillips RS**, Pineo KL, Delbanco TL, Iezzoni LI. Patient-physician communication at hospital discharge and patients' understanding of the post-discharge treatment plan. *Arch Intern Med* 1997;157:1026-1030.
48. Hofmann JC, Wenger NS, Davis RB, Teno J, Connors AF, Jr., Desbiens N, Lynn J, **Phillips RS**. Patients' preferences for communication with physicians about end-of-life decisions. *Ann Intern Med* 1997;127:1-12.
49. Hamel MB, **Phillips RS**, Davis RB, Desbiens N, Connors AF, Jr., Teno JM, Wenger N, Wu AW, Fulkerson W, Tsevat J. Outcomes and cost-effectiveness of initiating dialysis and continuing aggressive care in seriously ill hospitalized adults. *Ann Intern Med* 1997;127:195-202.
50. Teno J, Lynn J, Wenger N, **Phillips RS**, Murphy D, Connors AF, Jr., Desbiens N, Fulkerson W, Bellamy P, Knaus WA. Advance directives for seriously ill hospitalized patients: effectiveness with the Patient Self-Determination Act and the SUPPORT Intervention. *J Am Geriatr Soc* 1997;45:500-507.
51. Teno J, Lynn J, Connors AF, Jr., Wenger N, **Phillips RS**, Alzola C, Murphy DP, Desbiens N, Knaus WA. The illusion of end-of-life resource savings with advance directives. *J Am Geriatr Soc* 1997;45:513-518.
52. Teno JM, Licks S, Lynn J, Wenger N, Desbiens N, Knaus WA, Connors AF, Jr., **Phillips RS**, O'Connor MA, Murphy DP, Fulkerson WJ. Do advance directives provide instructions that direct care? *J Am Geriatr Soc* 1997;45:508-512.
53. Desbiens NA, Wu AW, Alzola C, Mueller-Rizner N, Wenger NS, Connors AF, Jr., Lynn J, **Phillips RS**. Pain during hospitalization is associated with continued pain six months later in survivors of serious illness. *Am J Med* 1997;102:269-276.
54. Puopolo AL, Kennard MJ, Mallatratt L, Follen MA, Desbiens NA, Connors AF, Jr., Califf R, Walzer J, Soukup J, Davis RB, **Phillips RS**. Preferences for cardiopulmonary resuscitation. *Image J Nurs Sch* 1997;29:229-235.
55. Wenger NS, Greengold NL, Oye RK, Kussin P, **Phillips RS**, Desbiens NA, Liu H, Hiatt JR, Teno JM, Connors AF, Jr. Patients with DNR orders in the operating room: surgery, resuscitation, and outcomes. *J Clin Ethics* 1997;8:250-257.

56. Galanos AN, Pieper CF, Kussin PS, Winchell MT, Fulkerson WJ, Harrell FE, Jr., Teno JM, Layde PM, Connors AF, Jr., **Phillips RS**, Wenger NS. The relationship of body mass index to subsequent mortality among seriously ill hospitalized patients. *Crit Care Med* 1997;25:1962-1968.
57. Tsevat J, Cook EF, Lynn J, Soukup JR, Dawson N, Wu AW, Vidaillet H, Oye RK, **Phillips RS**. Health values of hospitalized patients 80 years or older. *JAMA* 1998;279:371-375.
58. Krumholz HM, **Phillips RS**, Hamel MB, Teno JM, Bellamy P, Broste SK, Califf RM, Vidaillet H, Davis RB, Muhlbaier LH, Connors AF, Jr., Lynn J, Goldman L. Resuscitation preferences among patients with severe congestive heart failure: results from the SUPPORT Project. *Circulation* 1998;98:648-655.
59. Haas JS, Cleary PD, Puopulo AL, Burstin HR, Cook EF, Brennan TA and the Ambulatory Medicine Quality Improvement Project Investigators. Differences in the professional satisfaction of general internists in academically affiliated practices in the greater Boston area: *J Gen Intern Med* 1998;13:127-130.
60. Weeks JC, Cook EF, Lynn J, O'Day SJ, Peterson LM, Wenger N, Reding D, Harrell FE, Jr., Kussin P, Dawson NV, Connors AF, Jr., **Phillips RS**. Relationship between cancer patients' predictions of prognosis and their treatment preferences. *JAMA* 1998;279:1709-14.
61. Weingart SN, Davis RB, **Phillips RS**. Patients discharged against medical advice from a general medicine service. *J Gen Intern Med* 1998;13:568-572.
62. Haidet P, Hamel MB, Davis RB, Wenger N, Reding D, Kussin PS, Connors AF, Jr., Lynn J, Weeks JC, **Phillips RS**. Outcomes, preferences for resuscitation, and physician-patient communication among patients with metastatic colorectal cancer. *Am J Med* 1998;105:222-229.
63. Desbiens NA, Wu AW, Masui Y, Lynn J, Alzola C, Wenger NS, Connors AF, Jr., **Phillips RS**, Fulkerson W and the SUPPORT Investigators. Patient empowerment and feedback does not decrease pain in seriously ill hospitalized adults. *Pain* 1998;75:237-46.
64. Vom Eigen KA, Delbanco TL, **Phillips RS**. Perceptions of quality of care and the decision to leave a practice. *Am J Med Qual* 1998;13:181-187.
65. Regueiro CR, Hamel MB, Davis RB, Desbiens N, Connors AF, Jr., **Phillips RS**. A comparison of generalist and pulmonologist care for patients hospitalized with severe chronic obstructive pulmonary disease: resource intensity, hospital costs, and survival. *Am J Med* 1998;105:366-372.
66. Wee CC, **Phillips RS**, Aurigemma G, Erban S, Kriegel G, Riley M, Douglas PS. Risk for valvular heart disease among users of fenfluramine and dexfenfluramine who underwent echocardiography before use of medication. *Ann Intern Med* 1998;129:870-74.
67. Lynn J, Zhong Z, Dawson NV, Connors AF, Jr., **Phillips RS**. Physician experience caring for dying patients and its relationship to patient outcomes. *J Palliative Med* 1998;1:337-346.
68. Fairfield KM, Eisenberg DM, Davis RB, Libman H, **Phillips RS**. Patterns of use, expenditures, and perceived efficacy of complementary and alternative therapies for HIV-infected patients. *Arch Intern Med* 1998;158:2257-2264.

69. Hamel MB, Teno JM, Goldman L, Lynn J, Davis RB, Galanos AN, Desbiens N, Connors AF, Jr., **Phillips RS**. Patient age and decisions to withhold life-sustaining treatments for seriously ill, hospitalized adults. *Ann Intern Med* 1999;130:116-125.
70. Iezzoni LI, MacKiernan YD, Cahalane MJ, **Phillips RS**, Davis RB, Miller K. Screening inpatient quality using post-discharge events. *Med Care* 1999;37:384-398.
71. Iezzoni LI, Davis RB, Palmer HR, Cahalane M, Hamel MB, Mukamal K, **Phillips RS**, Banks NJ, Davies DT. Does the Complications Screening Program flag cases with process of care problems? Using explicit criteria to judge processes. *Int J Qual Health Care* 1999;11:107-118.
72. Covinsky KE, Wu AW, Landefeld CS, Connors AF, Jr., **Phillips RS**, Tsevat J, Dawson NV, Lynn J, Fortinsky RH. Health status vs. quality of life in older patients: does the distinction matter? *Am J Med* 1999;106:435-40.
73. Fairfield KM, Libman H, Davis RB, Eisenberg DM, **Phillips RS**. Delays in protease inhibitor use in clinical practice. *J Gen Intern Med* 1999;14:395-401.
74. Wee CC, McCarthy EP, Davis RB, **Phillips RS**. Physician counseling about exercise. *JAMA* 1999;282:1583-1588.
75. Hamel MB, Davis RB, Teno JM, Knaus WA, Lynn J, Harrell FE, Jr., Galanos AN, Wu AW, **Phillips RS**. Older age, aggressiveness of care and survival for seriously ill, hospitalized adults. *Ann Intern Med* 1999;131:721-728.
76. Goodlin SJ, Zhong Z, Lynn J, Teno JM, Fago JP, Desbiens N, Connors AF, Jr., Wenger NS, **Phillips RS**. Factors associated with use of cardiopulmonary resuscitation in seriously ill hospitalized adults. *JAMA* 1999;282:2333-2339.
77. **Phillips RS**, Hamel MB, Teno JM, Soukup J, Lynn J, Califf R, Vidaillet H, Davis RB, Bellamy P, Goldman L. Patient race and decisions to withhold or withdraw life-sustaining treatments for seriously ill hospitalized adults. *Am J Med* 2000;108:14-19.
78. Auerbach AD, Hamel MB, Davis RD, Connors AF, Jr., Regueiro CR, Desbiens NA, Goldman L, Califf R, Dawson NV, Vidaillet H, Wenger NS, **Phillips RS**. Resource use and survival of patients hospitalized with congestive heart failure: differences in care by specialty of the attending physician. *Ann Intern Med* 2000;132:191-200.
79. Schneider AE, **Phillips RS**, Davis RB. Discussion of hormone replacement therapy between physicians and their patients. *Am J Med Qual* 2000;15:143-147.
80. Claessens MT, Lynn J, Zhong Z, Desbiens NA, **Phillips RS**, Wu AW, Harrell FE, Connors AF, Jr. Dying with lung cancer or chronic obstructive pulmonary disease: insights from SUPPORT. *J Am Geriatr Soc* 2000;48:S146-153.
81. Levenson J, McCarthy EP, Lynn J, Davis RB, **Phillips RS**. The last six months of life for patients with congestive heart failure. *J Am Geriatr Soc* 2000;48:S101-109.
82. Wenger NS, Lynn J, Oye RK, Liu H, Teno JM, **Phillips RS**, Desbiens NA, Sehgal A, Kussin P, Taub H, Harrell F, Knaus W. Withholding versus withdrawing life-sustaining treatment: patient factors and documentation associated with dialysis decisions. *J Am Geriatr Soc* 2000;48:S75-83.



83. Baker R, Wu AW, Teno JM, Kreling B, Damiano AM, Rubin HR, Roach MJ, Wenger NS, **Phillips RS**, Desbiens NA Connors AF, Jr., Knaus W, Lynn J. Family satisfaction with end-of-life care in seriously ill hospitalized adults. *J Am Geriatr Soc* 2000;48:S61-69.
84. Golin CE, Wenger NS, Liu H, Dawson NV, Teno JM, Desbiens NA, Lynn J, Oye RK, **Phillips RS**. A prospective study of patient-physician communication about resuscitation. *J Am Geriatr Soc* 2000;48:S52-60.
85. Wenger NS, **Phillips RS**, Teno JM, Oye RK, Dawson NV, Liu HH, Califf R, Layde P, Hakim R, Lynn J. Physician understanding of patient resuscitation preferences: insights and clinical implications. *J Am Geriatr Soc* 2000;48:S44-51.
86. Borum ML, Lynn J, Zheng Z, Roth K, Connors AF, Jr., Desbiens NA, **Phillips RS**. The effect of nutritional supplementation on survival in seriously ill hospitalized adults: an evaluation of the SUPPORT data. *J Am Geriatr Soc* 2000;48:S33-38.
87. Rose JH, O'Toole EE, Dawson NV, Thomas C, Connors AF, Jr., Wenger NS, **Phillips RS**, Hamel MB, Cohn HJ, Lynn J. Age differences in care practices and outcomes for hospitalized patients with cancer. *J Am Geriatr Soc* 2000;48:S25-32.
88. Wu A, Yasui Y, Alzola C, Galanos AN, Tsevat J, **Phillips RS**, Connors AF, Jr., Teno JM, Wenger NS, Lynn J. Predicting functional status outcomes in hospitalized patients aged 80 years and older. *J Am Geriatr Soc* 2000;48:S6-15.
89. Teno JM, Harrell FE, Jr., Knaus W, **Phillips RS**, Wu AW, Connors AF, Jr., Wenger NS, Wagner D, Galanos A, Desbiens NA, Lynn J. Prediction of survival for older hospitalized patients: the HELP survival model. *J Am Geriatr Soc* 2000;48:S16-24.
90. Puchalski CM, Zhong Z, Jacobs MM, Fox E, Lynn J, Harrold J, Galanos AN, **Phillips RS**, Califf R, Teno JM. Patients who want their family and physician to make resuscitation decisions for them: observations from SUPPORT and HELP. *J Am Geriatr Soc* 2000;48:S84-90.
91. 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:S110-121.
92. Lynn J, Arkes H, Stevens M, Cohn F, Koenig B, Fox E, Dawson NV, **Phillips RS**, Hamel MB, Tsevat J. Rethinking fundamental assumptions: SUPPORT's implications for future reform. *J Am Geriatr Soc* 2000;48:S214-221.
93. Hamel MB, Lynn J, Teno JM, Covinsky KE, Wu AW, Galanos A, Desbiens NA, **Phillips RS**. Age-related differences in care preferences, treatment decisions, and clinical outcomes of seriously ill hospitalized adults: lessons from SUPPORT. *J Am Geriatr Soc* 2000;48:S176-182.
94. Covinsky KE, Fuller JD, Yaffe K, Johnston CB, Hamel MB, Lynn J, Teno J, **Phillips RS**. Communication and decision-making in seriously ill patients: findings of the SUPPORT project. *J Am Geriatr Soc* 2000;48:S187-193.
95. 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.

96. Rose JH, O'Toole EE, Dawson NV, Thomas C, Connors AF, Jr., Wenger N, **Phillips RS**, Hamel MB, Reding DT, Cohen HJ, Lynn J. Generalists and oncologists show similar care practices and outcomes for hospitalized late-stage cancer patients. *Med Care* 2000;38:1103-1118.
97. 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 of complications? *Med Care* 2000;38:868-876.
98. Weingart SN, Iezzoni LI, Davis RB, Palmer RH, Cahalane M, Hamel MB, Mukamal K, **Phillips RS**, Davies DT, Banks NJ. Use of administrative data to find substandard care: validation of the complications screening program. *Med Care* 2000;38:796-806.
99. Hamel MB, **Phillips RS**, Davis RB, Teno J, Connors AF, Jr., Desbiens N, Lynn J, Dawson NV, Fulkerson W, Tsevat J. Outcomes and cost effectiveness of ventilator support and aggressive care for patients with acute respiratory failure due to pneumonia or acute respiratory distress syndrome. *Am J Med* 2000;109:614-620.
100. Ngo-Metzger Q, Massagli MP, Manocchia M, Iezzoni LI, Davis RB, Clarridge B, **Phillips RS**. Patient-centered quality measures for Asian Americans: research in progress. *Am J Med Qual* 2000;15:167-173.
101. Foster DF, **Phillips RS**, Hamel MB, Eisenberg DM. Alternative medicine use in older Americans. *J Am Geriatr Soc* 2000;48:1560-1565.
102. Auerbach, AD, Hamel MB, Califf RM, Davis RB, Wenger NS, Connors AF, Jr., Vidaillet H, Desbiens N, Goldman L, Lynn J, Dawson NV, **Phillips RS**. Patient characteristics associated with care by a cardiologist among adults hospitalized with severe congestive heart failure. *J Am Coll Cardiol* 2000;36:2119-2125.
103. Auerbach AD, Davis RB, **Phillips RS**. Physician views on caring for hospitalized patients and the hospitalist model of inpatient care. *J Gen Intern Med* 2001;16:116-119.
104. Fairfield KM, Libman H, Davis RB, Eisenberg DM, Beckett A, **Phillips RS**. Detecting depression: providing high quality primary care for HIV-infected patients. *Am J Med Qual* 2001;16:71-74.
105. Wee CC, Rigotti NA, Davis RB, **Phillips RS**. Relationship between smoking and weight control efforts among adults in the United States. *Arch Intern Med* 2001;161:546-550.
106. Hamel MB, **Phillips RS**, Davis RB, Teno J, Desbiens NA, Lynn J, Tsevat J. Are aggressive treatment strategies less cost-effective for older patients? The case of ventilator support and aggressive care for patients with acute respiratory failure. *J Am Geriatr Soc* 2001;49:382-390.
107. Wee CC, **Phillips RS**, Burstin HR, Cook EF, Puopolo AL, Brennan TA, Haas JS. Influence of financial productivity incentives on the use of preventive care. *Am J Med* 2001;110:181-187.
108. Federman AD, Cook EF, **Phillips RS**, Puopolo AL, Haas JS, Brennan TA, Burstin HR. Intention to discontinue care among primary care patients: influence of physician behavior and process of care. *J Gen Intern Med* 2001;16:668-674.
109. Weingart SN, Mukamal K, Davis RB, Davies DT, Parker AH, Cahalane M, Hamel MB, **Phillips RS**, Iezzoni LI. Physician reviewers' perceptions and judgments about quality of care. *Int J Qual Health Care* 2001;13:357-365.

110. Ngo-Metzger Q, Chen QS, Tran LQ, Sugrue-McElearney E, Levy ER, Williams G, **Phillips RS**. Hepatitis B vaccination among Vietnamese-American children in a Boston community clinic. *Asian Am Pacific Isl J Health* 2001;9:179-187.
111. Ramanan R, **Phillips RS**, Davis RB, Silen W, Reede JY. Mentoring in medicine: keys to satisfaction. *Am J Med* 2002;112:336-341.
112. Wee CC, **Phillips RS**, Cook EF, Haas JS, Puopolo AL, Brennan TA, Burstin HR. Influence of body weight on patients' satisfaction with ambulatory care. *J Gen Intern Med* 2002;17:155-159.
113. Weingart SN, Davis RB, Palmer RH, Cahalane M, Hamel MB, Mukamal K, **Phillips RS**, Davies DT, Iezzoni LI. Discrepancies between explicit and implicit review: physician and nurse assessments of complications and quality. *Health Serv Res* 2002;37:483-498.
114. Wolsko P, Eisenberg DM, Davis RB, Ettner S, **Phillips RS**. Insurance coverage, medical conditions, and visits to alternative medicine providers: results of a national survey. *Arch Intern Med* 2002;162:281-287.
115. Yeh GY, Eisenberg DM, Davis RB, **Phillips RS**. Use of complementary and alternative medicine among persons with diabetes mellitus: results of a national survey. *Am J Public Health* 2002;92:1648-1652.
116. Hamel MB, **Phillips R**, Teno J, Davis RB, Goldman L, Lynn J, Desbiens N, Connors AF, Jr., Tsevat J. Cost-effectiveness of aggressive care for patients with nontraumatic coma. *Crit Care Med* 2002;30:1191-1196.
117. Ngo-Metzger Q, Massagli MP, Clarridge BR, Manocchia M, Davis RB, Iezzoni LI, **Phillips RS**. Linguistic and cultural barriers to care: perspectives of Chinese and Vietnamese immigrants. *J Gen Intern Med* 2003;18:44-52.
118. McCarthy EP, Burns RB, Davis RB, **Phillips RS**. Barriers to hospice use among older patients dying with lung and colorectal cancer. *J Clin Oncol* 2003;21:728-735.
119. Yeh GY, Eisenberg DM, Kaptchuk TJ, **Phillips RS**. Systematic review of herbs and dietary supplements for glycemic control in diabetes. *Diabetes Care* 2003;26:1277-1294.
120. Neuner JM, McCarthy EP, Davis RB, **Phillips RS**. Physician counseling on hormone replacement therapy and bone loss: do socioeconomic and racial characteristics of women influence counseling? *J Womens Health* 2003;12:495-504.
121. Wolsko PM, Eisenberg DM, Davis RB, Kessler R, **Phillips RS**. Patterns and perceptions of care for treatment of back and neck pain: results of a national survey. *Spine* 2003;28:292-297.
122. Neuner J, Hamel MB, **Phillips RS**, Bona K, Aronson MD. Diagnosis and management of adults with pharyngitis: a cost effectiveness analysis. *Ann Intern Med* 2003;139:113-22.
123. O'Donnell H, **Phillips RS**, Teno J, Davis RB, Wenger N, Hamel MB. Preferences for cardiopulmonary resuscitation among patients 80 years of age and older: the views of patients and their physicians. *J Am Med Dir Assoc* 2003;4:139-144.
124. Ngo-Metzger Q, McCarthy EP, Burns RB, Davis RB, **Phillips RS**. Older Asian Americans and Pacific Islanders dying of cancer use hospice less frequently than older white patients. *Am J Med* 2003;115:47-53.
125. McCarthy EP, Burns RB, Ngo-Metzger Q, Davis RB, **Phillips RS**. Hospice use among Medicare managed care and fee-for-service patients dying with cancer. *JAMA* 2003;289:2238-2245.

126. Murkofsky R, **Phillips RS**, McCarthy EP, Davis RB, Hamel MB. Length of stay in home care before and after the 1997 Balanced Budget Act. *JAMA* 2003;289:2841-2848.
127. Yeh GY, Eisenberg DM, Davis RB, Cherkin DC, **Phillips RS**. Visit time as a framework for reimbursement: time spent with chiropractors and acupuncturists. *Altern Ther Health Med* 2003;9:88-94.
128. Toth M, Kahn J, Walton T, Hrbek A, Eisenberg D, **Phillips RS**. Therapeutic massage intervention for hospitalized patients with cancer: a pilot study. *J Altern Complement Med* 2003;9:117-124.
129. Cintron A, Hamel MB, Davis RB, Burns RB, **Phillips RS**, McCarthy EP. Hospitalization of hospice patients with cancer. *J Palliative Med* 2003;6:757-768.
130. Weingart SN, Toth M, Sands DZ, Aronson MD, Davis RB, **Phillips RS**. Physicians' decision to override computerized drug alerts in primary care. *Arch Intern Med* 2003;163:2625-2631.
131. Auerbach AD, Aronson MD, Davis RB, **Phillips RS**. How physicians perceive hospitalist services after implementation: anticipation vs reality. *Arch Intern Med* 2003;163:2330-2336.
132. Goel MS, Wee CC, McCarthy EP, Davis RB, Ngo-Metzger Q, **Phillips RS**. Racial and ethnic disparities in cancer screening: the importance of foreign birth as a barrier to care. *J Gen Intern Med* 2003;18:1028-1035.
133. Wolsko PM, Eisenberg DM, Simon LS, Davis RB, Walleczek J, Mayo-Smith M, Kaptchuk TJ, **Phillips RS**. Double-blind placebo-controlled trial of static magnets for the treatment of osteoarthritis of the knee: results of a pilot study. *Altern Ther Health Med* 2004;10:36-43.
134. Wolsko PM, Eisenberg DM, Davis RB, **Phillips RS**. Use of mind-body medical therapies: results of a national survey. *J Gen Intern Med* 2004;19:43-50.
135. Weingart SN, Farbstein K, Davis RB, **Phillips RS**. Using a multihospital survey to examine the safety culture. *Joint Commission J Qual Safety* 2004;30:125-132.
136. Saper RB, Eisenberg DM, Davis RB, Culpepper L, **Phillips RS**. Prevalence and patterns of adult yoga use in the United States: results of a national survey. *Altern Ther Health Med* 2004;10:44-49.
137. Ngo-Metzger Q, Legedza ATR, **Phillips RS**. Asian Americans' reports of their healthcare experiences: results of a national survey. *J Gen Intern Med* 2004;19:111-119.
138. McCaffrey AM, Eisenberg DM, Legedza ATR, Davis RB, Saper RB, **Phillips RS**. Prayer for health concerns: results of a national survey on prevalence and patterns of use. *Arch Intern Med* 2004;164:858-862.
139. Sabatino SA, Burns RB, Davis RB, **Phillips RS**, Chen Y, McCarthy EP. Breast carcinoma screening and risk perception among women at increased risk for breast carcinoma: results from a national survey. *Cancer* 2004;100:2338-2346.
140. Wee CC, McCarthy EP, Davis RB, **Phillips RS**. Obesity and breast cancer screening: the influence of race, illness burden, and other factors. *J Gen Intern Med* 2004;19:324-331.
141. Burton EC, **Phillips RS**, Covinsky KE, Sands LP, Goldman L, Dawson NV, Connors, Jr. AF, Landefeld CS. The relation of autopsy rate to physicians' beliefs and recommendations regarding autopsy. *Am J Med* 2004;117:255-261.

142. Schonberg MA, McCarthy EP, Davis RB, **Phillips RS**, Hamel MB. Breast cancer screening in women aged 80 and older in the United States. *J Am Geriatr Soc* 2004;52:1688-1695.
143. Ngo-Metzger Q, Kaplan SH, Sorkin DH, Clarridge BR, **Phillips RS**. Surveying minorities with limited-English proficiency: does data collection method affect data quality among Asian Americans? *Med Care* 2004;42:893-900.
144. Yeh GY, Wood MJ, Lorell BH, Stevenson LW, Eisenberg DM, Wayne PM, Goldberger AL, Davis RB, **Phillips RS**. Effects of Tai Chi movement therapy on functional status and exercise capacity in patients with chronic heart failure: a randomized controlled trial. *Am J Med* 2004;117:541-548.
145. Weingart SN, Toth M, Eneman J, Aronson MD, Sands DZ, Ship AN, Davis RB, **Phillips RS**. Lessons from a patient partnership intervention to prevent adverse drug events. *Int J Qual Health Care* 2004;16:499-507.
146. Saper RB, Kales SN, Paquin J, Eisenberg DM, Davis RB, **Phillips RS**. Heavy metal content of ayurvedic herbal medicine products. *JAMA* 2004;292:2868-2873.
147. Goel MS, McCarthy EP, **Phillips RS**, Wee CC. Obesity among U.S. immigrant subgroups by duration of residence. *JAMA* 2004;292:2860-2867.
148. Wee CC, Hamel MB, Davis RB, **Phillips RS**. Assessing the value of weight loss among primary care patients. *J Gen Intern Med* 2004;19:1206-1211.
149. Smetana GW, Davis RB, **Phillips RS**. Factors that influence patient response to requests to change to a unified restrictive formulary: a prospective study. *J Gen Intern Med* 2004;19:1212-1219.
150. Garland A, Dawson NV, Altmann I, Thomas CL, **Phillips RS**, Tsevat J, Desbiens NA, Bellamy PE, Knaus WA, Connors, Jr. AF. Outcomes up to 5 years after severe acute respiratory failure. *Chest* 2004;126:1897-1904.
151. Wee CC, **Phillips RS**, Legedza AT, Davis RB, Soukup J, Colditz GA, Hamel MB. Healthcare expenditures associated with overweight and obesity among US adults: the importance of age and race. *Am J Public Health* 2005;95:159-165.
152. Wee CC, **Phillips RS**, McCarthy EP. BMI and cervical cancer screening among White, African American, and Hispanic women in the United States. *Obes Res* 2005;13:1275-80.
153. Tindle HA, Eisenberg DM, Davis RB, **Phillips RS**. Trends in use of complementary and alternative medicine by US adults: 1997-2002. *Altern Ther Health Med* 2005;11:42-49.
154. Graham RE, Ahn AC, Davis RB, O'Connor BB, Eisenberg DM, **Phillips RS**. Use of complementary and alternative medical therapies among racial and ethnic minority adults: results from the 2002 National Health Interview Survey. *J Natl Med Assoc* 2005;97:535-545.
155. Goel MS, Burns RB, **Phillips RS**, Davis RB, Ngo-Metzger Q, McCarthy EP. Trends in breast conserving surgery among Asian Americans and Pacific Islanders, 1992 – 2000. *J Gen Intern Med* 2005;20:604-611.
156. Wee CC, McCarthy EP, **Phillips RS**. Factors associated with colon cancer screening: the role of patient factors and physician counseling. *Prev Med* 2005;41:23-29.
157. Weingart SN, Pagovich O, Sands DZ, Li JM, Aronson MD, Davis RB, Bates DW, **Phillips RS**. What can hospitalized patients tell us about adverse events? Learning from patient-reported incidents. *J Gen Intern Med* 2005;20:830-836.

158. Tindle HA, Wolsko P, Davis RB, Eisenberg DM, **Phillips RS**, McCarthy EP. Factors associated with the use of mind body therapies among United States adults with musculoskeletal pain. *Complement Ther Med* 2005;13:155-164.
159. Wolsko PM, Solondz DK, **Phillips RS**, Schachter SC, Eisenberg DM. Lack of herbal supplement characterization in published randomized controlled trials. *Am J Med* 2005;118:1087-1093.
160. Luckhaupt SE, Chin MH, Mangione CM, **Phillips RS**, Bell D, Leonard AC, Tsevat J. Mentorship in academic general internal medicine. Results of a survey of mentors. *J Gen Intern Med* 2005;20:1014-1018.
161. Wee CW, Davis RB, **Phillips RS**. Stage of readiness to control weight and adopt weight control behaviors in primary care. *J Gen Intern Med* 2005;20:410-415.
162. Green AR, Ngo-Metzger Q, Legedza ATR, Massagli MP, **Phillips RS**, Iezzoni LI. Interpreter services, language concordance, and health care quality: Experiences of Asian Americans with limited English proficiency. *J Gen Intern Med* 2005;20:1050-56.
163. Weingart SN, Pagovich O, Sands DZ, Li JM, Aronson MD, Davis RB, **Phillips RS**, Bates DW. Patient-reported service quality on a medicine unit. *Int J Qual Health Care* 2005;18:95-101.
164. Tindle HA, Barbeau EM, Davis RB, Eisenberg DM, Park ER, **Phillips RS**, Rigotti NA. Guided imagery for smoking cessation in adults: a randomized pilot trial. *Complement Health Pract Rev* 2006; 11:166-175.
165. Ahn AC, Ngo-Metzger Q, Legedza ATR, Massagli MPH, Clarridge BR, **Phillips RS**. Complementary and alternative medical therapy use among Chinese and Vietnamese Americans: prevalence, associated factors, and effects of patient-clinician communication. *Am J Public Health* 2006; 96:647-653.
166. Sabatino SA, Burns RB, Davis RB, **Phillips RS**, McCarthy EP. Breast cancer risk and provider recommendation for mammography among recently unscreened women in the United States. *J Gen Intern Med* 2006;21:285-291.
167. Buettner C, Yeh GY, **Phillips RS**, Mittleman MA, Kaptchuk TJ. Systematic review of the effects of ginseng on cardiovascular risk factors. *Ann Pharmacother* 2006 40:83-95.
168. Huang GC, Smith CC, Gordon CE, Feller-Kopman DJ, Davis RB, **Phillips RS**, Weingart SN. Beyond the comfort zone: residents assess their comfort performing inpatient medical procedures. *Am J Med* 2006; 71:e17-24.
169. Ramanan RA, Taylor WC, Davis RB, **Phillips RS**. Mentoring matters: mentoring and career preparation in internal medicine residency training. *J Gen Intern Med* 2006; 21:340-345.
170. Yeh GY, Davis RB, **Phillips RS**. Use of complementary therapies in patients with cardiovascular disease. *Am J Cardiol* 2006;98:673-680.
171. Buettner C, Kroenke CH, **Phillips RS**, Davis RB, Eisenberg DM, Holmes MD. Correlates of use of different types of complementary and alternative medicine by breast cancer survivors in the Nurses' Health Study. *Breast Cancer Res Treat* 2006; 100:219-27.
172. Gardiner PM, Graham RE, Legedza AT, Eisenberg DM, **Phillips RS**. Factors associated with dietary supplement use among prescription medication users. *Arch Intern Med* 2006; 166:1968-1974.
173. Dushay J, Stjernfeldt KK, Kriegel G, Tadesse T, **Phillips RS**, Davis RB, Weingart SN. Quality of diabetes care in a primary care teaching practice: how do resident physicians measure up? *J Clin Outcomes Manage* 2006;13:556-561.

174. Gardiner PM, Legedza A, Woods C, **Phillips RS**, Kemper KJ. Herb use among health care professionals enrolled in an online curriculum on herbs and dietary supplements. *J Herb Pharmacother* 2006;6:51-64.
175. Buettner C, **Phillips RS**, Davis RB, Gardiner P, Mittleman MA. Use of dietary supplements among US adults with coronary artery disease and atherosclerotic risks. *Am J Cardiol* 2007; 99:661-666.
176. Gardiner P, Graham R, Legedza AT, Ahn AC, Eisenberg DM, **Phillips RS**. Factors associated with herbal therapy use by adults in the United States. *Altern Ther Health Med* 2007;13:22-29.
177. Toth M, Wolsko PM, Foreman J, Davis RB, Delbanco T, **Phillips RS**, Huddleston P. A pilot study for a randomized, controlled trial on the effect of guided imagery in hospitalized medical patients. *J Altern Complement Med* 2007;13:194-197.
178. Mehta DH, **Phillips RS**, Davis RB, McCarthy EP. Use of complementary and alternative therapies by Asian Americans: results from the National Health Interview Survey. *J Gen Intern Med* 2007;22:762-767.
179. Yeh GY, Mietus JE, Peng CK, **Phillips RS**, Davis RB, Wayne PM, Goldberger AL, Thomas RJ. Enhancement of sleep stability with Tai Chi exercise in chronic heart failure: preliminary findings using an ECG-based spectrogram method. *Sleep Med* 2007; Aug 2 [Epub ahead of print].
180. Gardiner P, Kemper KJ, Legedza A, **Phillips RS**. Factors associated with herb and dietary supplement use by young adults in the United States. *BMC Complement Altern Med* 2007;7:39.
181. Sabatino SA, McCarthy EP, **Phillips RS**, Burns RB. Breast cancer risk assessment and management in primary care: provider attitudes, practices and barriers. *Cancer Detect Prev* 2007; 31:375-383.
182. Ngo-Metzger Q, Sorkin D, **Phillips RS**, Greenfield S, Massagli M, Clarridge B, Kaplan S. Providing high-quality care for limited English proficient patients: the importance of language concordance and interpreter use. *J Gen Intern Med* 2007; Suppl 2:324-330.
183. Wellenius GA, Yeh GY, Coull BA, Suh HH, **Phillips RS**, Mittleman MA. Effects of ambient air pollution on functional status in patients with chronic congestive heart failure: a repeated-measures study. *Environ Health* 2007; 6:26.
184. Myers SS, **Phillips RS**, Davis RB, Cherkin DC, Legedza A, Kaptchuk TJ, Hrbek A, Buring JE, Post D, Connelly MT, Eisenberg DM. Patient expectations as predictors of outcome in patients with acute low back pain. *J Gen Intern Med* 2008;23:148-153. PMID: PMC2359167.
185. Ngo-Metzger Q, **Phillips RS**, McCarthy EP. Ethnic disparities in hospice use among Asian Americans and Pacific Islander patients dying with cancer. *J Am Geriatr Soc* 2008;56:139-144. PMID: PMC2776043.
186. Weingart SN, Hamrick H, Tutkus S, Carbo A, Sands DZ, Tess A, Davis RB, Bates DW, **Phillips RS**. Medication safety messages for patients via the Web portal: The MedCheck Intervention. *Int J Med Inform* 2008;77:161-168.
187. Taylor B, Marcantonio ER, Pagovich O, Carbo A, Bergmann M, Davis RB, Bates DW, **Phillips RS**, Weingart SN. Do medical inpatients who report poor service quality experience more adverse events and medical errors? *Med Care* 2008; 46:224-228.
188. Mukamal KJ, **Phillips RS**, Mittleman MA. Beliefs, motivations, and opinions about moderate drinking: a cross-sectional survey. *Fam Med* 2008;40:188-195.

189. Yeh GY, Wayne PM, **Phillips RS**. The effect of tai chi exercise on blood pressure: a systematic review. *Prev Cardiol* 2008;11:82-89.
190. Gardiner PM, **Phillips RS**, Kemper KJ, Legedza A, Henlon S, Woolf AD. Dietary supplements: inpatient policies in U.S. children's hospitals. *Pediatrics* 2008;121:e775-81.
191. Gardiner PM, Buettner C, Davis RB, **Phillips RS**, Kemper KJ. Factors and common conditions associated with adolescent dietary supplement use: an analysis of the National Health and Nutrition Examination Survey. *BMC Complement Altern Med* 2008;8:9. PMID:PMC2330139.
192. Yeh GY, Wayne PM, **Phillips RS**. Tai Chi exercise in patients with chronic heart failure. *Med Sport Sci* 2008;52:195-208.
193. Yeh GY, Ryan MA, **Phillips RS**, Audette JF. Doctor training and practice of acupuncture: results of a survey. *J Eval Clin Pract* 2008; 14:439-445.
194. Birdee GS, Legedza AT, Saper RB, Bertisch SM, Eisenberg DM, **Phillips RS**. Characteristics of yoga users: results of a national survey. *J Gen Intern Med* 2008; 23:1653-1658. PMID:PMC2533368.
195. Saper RB, **Phillips RS**, Sehgal A, Khouri N, Davis RB, Paquin J, Thuppil V, Kales S. Lead, mercury, and arsenic in U.S. and Indian-manufactured Ayurvedic medicines sold over the internet. *JAMA* 2008; 300:915-923. PMID:PMC2755247.
196. Mehta DH, Gardiner PM, **Phillips RS**, McCarthy EP. Herbal and dietary supplement disclosure to health care providers by individuals with chronic conditions. *J Altern Complement Med* 2008;14:1263-1269. PMID:PMC2787410.
197. Bertisch SM, Legedza AT, **Phillips RS**, Davis RB, Stason WB, Goldman RH, Kaptchuk TJ. The impact of psychological factors on placebo responses in a randomized controlled trial comparing sham device to dummy pill. *J Eval Clin Pract* 2009; 15:14-19.
198. Zerzan JT, Hess R, Schur E, **Phillips RS**, Rigotti N. Making the most of mentors: a guide for mentees. *Acad Med* 2009;84:140-144.
199. Eamranond PP, Davis RB, **Phillips RS**, Wee CC. Patient-physician language concordance and lifestyle counseling among Spanish-speaking patients. *J Immigr Minor Health* 2009; 11:494-498.
200. Bertisch SM, Wee CC, **Phillips RS**, McCarthy EP. Alternative mind-body therapies used by adults with medical conditions. *J Psychosom Res* 2009;66:511-519.
201. Ngo-Metzger Q, Sorkin DH, **Phillips RS**. Healthcare experiences of limited English-proficient Asian American patients. *Patient* 2009;2:113-120.
202. Smith AK, Fisher J, Schonberg MA, Pallin DJ, Block SD, Forrow L, **Phillips RS**, McCarthy EP. Am I doing the right thing? Provider perspectives on improving palliative care in the emergency department. *Ann Emerg Med* 2009;54:86-93.
203. Birdee GS, Yeh GY, Wayne PM, **Phillips RS**, Gardiner PM. Clinical applications of yoga for the pediatric population: a systematic review. *Acad Ped* 2009; 9:212-220. e1-9. PMID:PMC2844096.
204. Birdee GS, Wayne PM, Davis RB, **Phillips RS**, Yeh GY. Tai chi and qigong for health: patterns of use in the United States. *J Altern Complement Med* 2009; 15:969-973. PMID:PMC2852519.
205. Buettner C, Mukamal KJ, Gardiner P, Davis RB, **Phillips RS**, Mittleman MA. Herbal supplement use and blood lead levels of United States adults. *J Gen Intern Med* 2009;24:1175-1182. PMID:PMC2771230.



206. Saper RB, Sherman K, Cullum-Dugan D, Davis RB, **Phillips RS**, Culpepper L. Yoga for chronic low back pain in a predominately minority population: a randomized controlled trial. *Altern Ther Health Med* 2009; 15:18-27. PMID: PMC2792123.
207. Fowler-Brown AG, Ngo LH, **Phillips RS**, Wee CC. Adolescent obesity and future college degree attainment. *Obesity (Silver Springs)* 2010; 18:1235-1241.
208. Kanodia AK, Legedza AT, Davis RB, Eisenberg DM, **Phillips RS**. Perceived benefit of complementary and alternative medicine (CAM) for back pain: a national survey. *J Am Board Fam Med* 2010; 23:354-362.
209. Birdee GS, **Phillips RS**, Davis RB, Gardiner P. Factors associated with pediatric use of complementary and alternative medicine in the US. *Pediatrics* 2010;125:249-56. PMID:PMC3057373.
210. Wells RE, **Phillips RS**, Schachter SC, McCarthy EP. Complementary and alternative medicine use among US adults with common neurological conditions. *J Neurol* 2010; 257: 1822-1831. PMID:PMC3050588.
211. Grossman E, **Phillips RS**, Weingart SN. Performance of a fail-safe system to follow up abnormal mammograms in primary care. *J Patient Saf* 2010;6:172-179.
212. Yeh GY, Roberts DH, Wayne PM, Davis RB, Quilty MT, **Phillips RS**. Tai chi exercise for patients with chronic obstructive pulmonary disease: a pilot study. *Respir Care* 2010; 55: 1475-1482. PMID:PMC3280096.
213. Naqvi AZ, Buettner C, **Phillips RS**, Davis RB, Mukamal KJ. n-3 fatty acids and periodontitis in US adults. *J Am Diet Assoc* 2010;110:1669-1675.
214. Erwin Wells R, **Phillips RS**, McCarthy EP. Patterns of mind-body therapies in adults with common neurological conditions. *Neuroepidemiology* 2011;36:46-51. PMID: PMC3031155.
215. Nguyen LT, Davis RB, Kaptchuk TJ, **Phillips RS**. Use of complementary and alternative medicine and self-rated health status: results from a national survey. *J Gen Intern Med* 2011;26:399-404. PMID:PMC3055973.
216. Nguyen LT, Davis RB, Kaptchuk TJ, **Phillips RS**. Use of mind-body medicine and improved self-rated health: results from a national survey. *Int J Person Centered Med* 2011;1:514-521.
217. Yeh GY, McCarthy EP, Wayne PM, Stevenson LW, Wood MJ, Forman D, Davis RB, **Phillips RS**. Tai chi exercise in patients with chronic heart failure: a randomized clinical trial. *Arch Intern Med* 2011; 171:750-757. PMID:PMC3277798.
218. Eamranond PP, Davis RB, **Phillips RS**, Wee CC. Patient-physician language concordance and primary care screening among Spanish-speaking patients. *Med Care* 2011; 49:668-672. PMID:PMC3117916.
219. Nerurkar A, Yeh GY, Davis RB, Birdee G, **Phillips RS**. When conventional providers recommend unconventional medicine: results of a national study. *Arch Intern Med* 2011; 171:862-864. PMID:PMC3092289.
220. Wells RE, Bertisch SM, Buettner C, **Phillips RS**, McCarthy EP. Complementary and alternative medicine use among adults with migraine/severe headaches. *Headache* 2011; 51:1087-1097. PMID:PMC3627391.
221. Wilker EH, Yeh G, Wellenius GA, Davis RB, **Phillips RS**, Mittleman MA. Ambient temperature and biomarkers of heart failure: a repeated measures analysis. *Environ Health Perspect* 2012;120:1083-1087. PMID:PMC3440076.

222. Yeh GY, Wood MJ, Wayne PM, Quilty MT, Stevenson LW, Davis RB, **Phillips RS**, Forman DE. Tai Chi in patients with heart failure with preserved ejection fraction. *Congest Heart Fail* 2013;19:77-84. PMID:PMC3546234.
223. Wells RE, Kerr CE, Wolkin J, Dossett M, Davis RB, Walsh J, Wall RB, Kong J, Kaptchuk T, Press D, **Phillips RS**, Yeh G. Meditation for adults with mild cognitive impairment: A pilot randomized trial. *J Am Geriatr Soc* 2013;61:642-645. PMID:PMC3666869.
224. Nerurkar A, Bitton A, Davis RB, **Phillips RS**, Yeh G. When physicians counsel about stress: results of a national study. *JAMA Intern Med* 2013;173:76-77. PMID:PMC4286362.
225. Purohit MP, Wells RE, Zafonte RD, Davis RB, **Phillips RS**. Neuropsychiatric symptoms and the use of complementary and alternative medicine. *PM & R* 2013;5:24-31. PMID:PMC3824364.
226. Armstrong K, Keating NL, Landry M, Crotty BH, **Phillips RS**, Selker HP. Academic general internal medicine: A mission for the future. *J Gen Intern Med* 2013;28:845-851. PMID:PMC3663942
227. Birdee GS, **Phillips RS**, Brown RS. Use of complementary and alternative medicine among patients with end-stage renal disease. *Evid Based Complement Alternat Med* 2013;2013:654109. PMID:PMC3655568.
228. Toth M, Marcantonio ER, Davis RB, Walton T, Kahn J, **Phillips RS**. Massage therapy for patients with metastatic cancer: A pilot randomized controlled trial. *J Altern Complement Med* 2013;19:650-656. PMID:PMC3700435.
229. Wachterman M, Marcantonio E, Davis R, Cohen R, Waikar S, **Phillips RS**, McCarthy E. Relationship between the prognostic expectations of seriously ill patients undergoing hemodialysis and their nephrologists. *JAMA Intern Med* 2013;173:1206-1214. PMID:PMC3982381
230. Weingart SN, Carbo A, Tess A, Chiapetta L, Tutkus S, **Phillips RS**. Using a patient internet portal to prevent adverse drug events: A randomized, controlled trial. *J Patient Saf* 2013;9:169-175. PMID23965840.
231. Dossett ML, Kohatsu W, Nunley W, Mehta D, David RB, **Phillips RS**, Yeh Geh. A medical student elective promoting humanism, communication skills, complementary and alternative medicine and physician self-care: An evaluation of the HEART program. *Explore-NY* 2013;9:292-298. PMID:PMC3876728.
232. Wells RE, Yeh GY, Kerr CE, Wolkin J, Davis RB, Tan Y, Spaeth R, Wall RB, Walsh J, Kaptchuk TJ, Press D, **Phillips RS**, Kong, J. Meditation's impact on default mode network & hippocampus in mild cognitive impairment: A pilot study. *Neurosci Lett* 2013;556:15-19. PMID:PMC4022038.
233. Ellner A, Bitton A, Pabo E, Stout S, Sugarman J, Sevin C, Goodell K, Bassett J, **Phillips RS**. The Harvard Medical School academic innovations collaborative: Transforming primary care practice and education. *Acad Med* 2014;89:1239-1244. PMID25006712.
234. Basu, S., Landon, B., Song, Z., Bitton, A., **Phillips, RS**. Implications of workforce and financing changes for primary care practice utilization, revenue, and cost: A generalizable mathematical model for practice management. *Med Care* 2015;53:125–132. PMID25517074.
235. Ellner A, Stout S, Sullivan E, Mountjoy A, Griffiths B, **Phillips RS**. Health systems innovation at academic health centers: Leading in a new era of health care delivery. *Acad Med* 2015;90:872-880. PMID25738387.

236. Koch U, Bitton A, Landon BE, **Phillips RS**. Transforming primary care practice and education: Lessons from 6 academic learning collaboratives. *J Ambul Care Manage* 2015;40:125-138. PMID26334911.
237. Basu S, **Phillips RS**, Bitton A, Song Z, Landon BE. Medicare chronic care management payments and financial returns to primary care practices: A modeling study. *Ann Intern Med* 2015;163:580-588. PMID26389533.
238. Basu S, **Phillips RS**, Song Z, Landon B, Bitton A. Effects of new funding models for patient-centered medical homes on primary care practice finances and services: Results of a micro-simulation model. *Ann Fam Med* 2016;14:404-414. PMID27621156.
239. Himmelstein DU, **Phillips RS**. Should we abandon routine visits? *Ann Intern Med*. 2016;165:529-530. PMID27699394.
240. Koch U, Stout S, Landon B, **Phillips RS**. From healthcare to health: a proposed pathway to population health. *Healthcare (Amst)* 2016;4:291-297. PMID27693259.
241. Basu S, Jack HE, Arabadjis SD, **Phillips RS**. Benchmarks for reducing emergency department visits and hospitalizations through community health workers integrated into primary care: A cost-benefit analysis. *Med Care* 2017;55:140-147. PMID27547954.
242. Jack HE, Arabadjis SD, Sun L, Sullivan EE, **Phillips RS**. Impact of community health workers on use of healthcare services in the united states: A systematic review. *J Gen Intern Med* 2017;32:325-344. PMID:PMCID:PMC5331010.
243. Ellner AL, **Phillips RS**. The coming primary care revolution. *J Gen Intern Med* 2017;32:380-386. PMID:PMCID:PMC5377886.
244. Schiff GD, Bearden T, Hunt LS, Azzara J, Larmon J, **Phillips RS**, Singer S, Bennett B, Sugarman JR, Bitton A, Ellner AE. Primary care collaboration to improve diagnosis and screening for colorectal cancer. *Jt Comm J Qual Patient Saf* 2017;43:338-350. PMID 28648219.
245. Basu S, **Phillips RS**, Song Z, Bitton A, Landon BE. High levels of capitation payments needed to shift primary care towards proactive team and nonvisit care. *Health Aff*. 2017;36:1599-1605. PMID28874487.
246. Basu S, Landon BE, Williams JW Jr, Bitton A, Song Z, **Phillips RS**. Behavioral health integration into primary care: A microsimulation of financial implications for practices. *J Gen Intern Med*. 2017;32:1330-1342. PMID28900839.
247. Singer SJ, Kerrissey M, Friedberg M, **Phillips RS**. A comprehensive theory of integration. *Med Care Res Rev*. 2018. PMID29606036. [Epub ahead of print]
248. Basu S, **Phillips RS**, Song Z, Bitton A, Landon BE. Finance and time use implications of team documentation for primary care practices under alternative payment systems: A microsimulation model. *Ann Fam Med*. 2018;16:308-313. PMID 29987078.
249. Wells RE, Kerr C, Dossett ML, Danhauer SC, Sohl SJ, Sachs BC, Feeley JW, Wolkin J, Wall R, Kaptchuk T, Press DZ, **Phillips RS**, Yeh GY. Can adults with mild cognitive impairment build cognitive reserve and learn mindfulness meditation? Qualitative theme analyses from a small pilot study. *Journal of Alzheimer's Disease*. 2019 70 (3) 825-842
250. Rotenstein L, Perez K, Wohler D, Sanders S, Im D, Kazberouk A, **Phillips RS**. Preparing health professions students to lead change. *Leadership Health Ser*. 2019;32:182-194. PMID30945594.
251. Sullivan EE, Goodell K, Hesketh M, **Phillips RS**. The impact of oral health training for primary care clinicians: A systematic review. *Fam Med*. 2019;51:251-261. PMID 30861080

252. Baum A, Song Z, Landon BE, **Phillips RS**, Bitton A, Basu S. Health care spending slowed after Rhode Island applied affordability standards to commercial insurers. *Health Aff.* 2019;38:237-245. PMID30715981.
253. Basu S, Berkowitz SA, Phillips RL, Bitton A, Landon BE, **Phillips RS**. Association of primary care physician supply with population mortality in the united states, 2005-2015. *JAMA Intern Med.* 2019. PMID30776056. [Epub ahead of print]
254. Dwiell K, Weilna T, Hunt L, Azzara J, **Phillips, RS**, Sullivan, E. Building improvement capacity to create strong, effective primary care teams in community health centers. *Joint Commission Journal on Quality and Patient Safety.* 2019;45:838-840.
255. Henry TL, Petterson S, **Phillips RS**, Phillips RL, Bazemore A. Comparing comprehensiveness in primary care specialties and their effects on healthcare costs and hospitalizations in medicare beneficiaries. *J Gen Intern Med.* 2019 34 (12), 2708-2710
256. Choi SE, Simon L, Barrow JR, Palmer N, Basu S, **Phillips RS**. Dental practice integration into primary care: A microsimultaion of financial implications for practices. *Int. J. Environ. Res. Public Health* 2020;17:2154-2166. PMID: 32213882.
257. Basu S, Song Z, **Phillips RS**, Bitton A, Landon BE. Implications of Changes in Medicare Payment and Documentation for Primary Care Spending and Time Use. *J Gen Intern Med.* 2020;10:1007/s11606-020-05857-4. PMID 32495087.
258. Song Z, Giuriato M, Lillehaugen T, Altman W, Horn DM, **Phillips RS**, Barnett KG, Bitton A, Edgman-Levitan S, Choi E, Hattis P, McKee MD, Auerbach D. Economic and clinical impact of Covid-19 on provider practices in Massachusetts. *NEJM Catalyst.* 2020: 10.1056/CAT.20.0441.
259. Ravenna PA, Bream KD, Fancher T, Juarez P, Klusaritz HA, Matthews-Juarez P, Persell SD, **Phillips RS**, Riedy C and Patterson DG. Who, what, and where: transforming primary care education to advance health equity. *Journal of Health Care for the Poor and Underserved*, 2020 31(5), pp.128-138.
260. Singer SJ, Sinaiko AD, Tietschert MV, Kerrissey M, **Phillips RS**, Martin V, Joseph G, Bahadurzada H, Agniel D. Care integration within and outside health system boundaries. *Health Services Research*, 2020, 55, pp.1033-1048.
261. Fried JE, Basu S, **Phillips RS**, and Landon BE, 2020. Financing Buprenorphine Treatment in Primary Care: A Microsimulation Model. *Ann Fam Med*, 2020, 18(6), pp.535-544.
262. Basu S, **Phillips RS**, Phillips RL, Peterson LE, Landon BE. Primary care cractice finances in The United States amid the COVID-19 pandemic: Study estimates the potential impact of COVID-19 on operating expenses and revenues of primary care practices. *Health Affairs*, 2020, 39(9), pp.1605-1614.
263. SJ Singer, M Kerrissey, M Friedberg, **R Phillips**. A comprehensive theory of integration. *Medical Care Research and Review.* 2020. 77 (2), 196-207
264. Sullivan E. and **Phillips, RS**. Sustaining primary care teams in the midst of a pandemic. *IJHPR.* 2021.9 (1), 1-3
265. Basu S, **Phillips RS**, Berkowitz SA, Landon BE, Bitton A, Phillips RL. Estimated effect on life expectancy of alleviating primary care shortages in the United States. *Ann Intern Med.* 2021.174 (7), 920-926

266. N Nehls, TS Yap, T Salant, M Aronson, G Schiff, S Olbricht, S Reddy, SB Sternberg, TS Anderson, **RS Phillips**, JC Benneyan. Systems engineering analysis of diagnostic referral closed-loop systems. 2021 *BMJ Open Quality* 10 (4), e001603
267. MK Atkinson, JC Benneyan, **RS Phillips**, GD Schiff, LS Hunt, SJ Singer. Patient engagement in systems redesign teams: a process of social identity 2021 *Journal of Health Organization and Management*
268. S Basu, Z Song, **RS Phillips**, A Bitton, BE Landon. Implications of changes in Medicare payment and documentation for primary care spending and time use. 2021 *Journal of General Internal Medicine* 36 (3), 836-839
269. JC Benneyan, T White, N Nehls, TS Yap, M Aronson, S Sternberg, T Anderson, K Goyal, J Lindenberg, H Kim, M Cohen, **RS Phillips**, GD Schiff. Systems analysis of a dedicated ambulatory respiratory unit for seeing and ensuring follow-up of patients with COVID-19 symptoms. 2021. *The Journal of ambulatory care management* 44 (4), 293.
270. MK Atkinson, JC Benneyan, EA Bambury, GD Schiff, **RS Phillips**, LS Hunt Evaluating a patient safety learning laboratory to create an interdisciplinary ecosystem for health care innovation. 2022 *Health Care Management Review* 47 (3), E50-E61
271. EE Sullivan, M Breton, D McKinstry, **RS Phillips**. COVID-19's perceived impact on primary care in New England: a qualitative study. 2022. *The Journal of the American Board of Family Medicine* 35 (2), 265-273
272. T White, MD Aronson, SB Sternberg, U Shafiq, SJ Berkowitz, J Benneyan, **RS Phillips**, GD Schiff. Analysis of radiology report recommendation characteristics and rate of recommended action performance. *JAMA Network Open*, 2022.e2222549-e2222549
273. EE Sullivan, D McKinstry, J Adamson, L Hunt, **RS Phillips**, M Linzer. Burnout among Missouri primary care clinicians in 2021: Roadmap for recovery? *Missouri Medicine*. 2022;119(4): 397.
274. Roseen EJ, Smith CN, Essien UR, Cozier YC, Joyce C, Morone NE, **Phillips RS**, Barnett KG, Patterson CG, Wegener ST, Brennan GP, Delitto A, Saper RB, Beneciuk JM, Stevans JM; TARGET TRIAL GROUP. Racial and ethnic disparities in the incidence of high-impact chronic pain among primary care patients with acute low back pain: A cohort study. *Pain Med*. 2022 Dec 19;pnac193. doi: 10.1093/pm/pnac193. Epub ahead of print. PMID: 36534910.
275. Hunt LS, Sullivan EE, Susa J, Chaufournier R, Joseph C, **Phillips RS**, Meisinger K. Using Rapid-Cycle Change to Improve COVID-19 Vaccination Strategy in Primary Care. *Int J Environ Res Public Health*. 2023 Feb 7;20(4):2902. doi: 10.3390/ijerph20042902. PMID: 36833600; PMCID: PMC9957472.
276. Kerrissey M, Novikov Z, Tietschert M, **Phillips R**, Singer SJ. The ambiguity of "we": Perceptions of teaming in dynamic environments and their implications. *Soc Sci Med*. 2023 Mar;320:115678. doi: 10.1016/j.socscimed.2023.115678. Epub 2023 Jan 15. PMID: 36682086.
277. Cardenas K, Weilnau T, Aguilar C, Ali A, Eidelman A, Ponnala S, Russel T, Schwanderla J, Sievers K, Wu H, Silk H, Hunt LS, Barrow J, Riedy CA, **Phillips RS**. Partnering for Integrated Care: A Learning Collaborative for Primary Care

and Oral Health Teams. *Ann Fam Med*. 2023 Feb;21(Suppl 2):S22-S30. doi: 10.1370/afm.2918. PMID: 36849470; PMCID: PMC9970677.

## Reviews, Chapters and Editorials

1. **Phillips RS**. Genitourinary infections in women. In: Aronson MD, Delbanco TL, eds. *Manual of clinical evaluation of strategies for cost-effective care*. Boston: Little, Brown; 1988:272-277.
2. **Phillips RS**. Routine screening for chlamydia and gonorrhea. *Clin Adv* 1990;4:8-16.
3. **Phillips RS**, Knaus WA. Patient characteristics in SUPPORT: socio-demographics, admission diagnosis, co-morbidities, and acute physiology score. *J Clin Epidemiol* 1990;43:29S-31S.
4. **Phillips RS**, Goldman L, Bergner M. Patient characteristics in SUPPORT: activity status and cognitive function. *J Clin Epidemiol* 1990;43:33S-36S.
5. Landefeld CS, **Phillips RS**, Bergner M. Patient characteristics in SUPPORT: functional status. *J Clin Epidemiol* 1990;43:37S-39S.
6. **Phillips RS**, Murphy DJ, Goldman L, Knaus WA. Patient characteristics in SUPPORT: disease specific clinical data. *J Clin Epidemiol* 1990;43:41S-45S.
7. **Phillips RS**, Rempusheski VF, Puopolo AL, Naccaratto M, Mallatratt L. Decision making in SUPPORT: the role of the nurse. *J Clin Epidemiol* 1990;43:55S-58S.
8. Rosenberg MJ, **Phillips RS**. Does douching promote ascending infection? *J Repro Med* 1992;37:930-938.
9. Aronson MD, **Phillips RS**. Screening young men for chlamydial infection (Editorial). *JAMA* 1993;270:2097-2098.
10. **Phillips RS**, Hamel MB, Covinsky KE, Lynn J. Findings from SUPPORT and HELP: an introduction. *J Am Geriatr Soc* 2000;48:S1-5.
11. Kriegel G, **Phillips RS**. Quality improvement in office practice: getting started. *Forum: Risk Management Foundation* 2000;20:8-9.
12. **Phillips RS**. Research presentations: Geriatric healthcare. *Medscape* ([www.medscape.com/viewarticle/437042](http://www.medscape.com/viewarticle/437042)) 7/17/02.
13. Saper RB, Eisenberg DM, **Phillips RS**. Common dietary supplements for weight loss. *Am Fam Physician* 2004;70:1731-1738.
14. Ahn AC, Tewari M, Poon CS, **Phillips RS**. The clinical applications of a systems approach. *PLoS Med* 2006; 3:e209.
15. Ahn AC, Tewari M, Poon CS, **Phillips RS**. The limits of reductionism in medicine: could systems biology offer an alternative? *PLoS Med* 2006; 3:e208.
16. Gardiner P, **Phillips RS**, Shaughnessy AF. Herbal and dietary supplement-drug interactions in patients with chronic illnesses. *Am Fam Physician* 2008;77:73-78.

17. Reynolds P, Klink K, Gilman S, Green LA, **Phillips RS** et al. The patient-centered medical home: Preparation of the workforce, more questions than answers. *J Gen Intern Med.* 2015;30:1013-7. PMID:PMC4471027.
18. Parikh R, Lepp A, **Phillips, RS.** A More Cohesive Home: Integrating Primary and Palliative Care for Seriously Ill Patients. *Health Affairs Blog.* 2015 Aug 3. DOI.1377/hblog20150803.049733
19. Basu S, **Phillips RS.** Reduced emergency department utilization after increased access to primary care. *PLoS Med.* 2016;13:e1002114. PMID:PMC5012576.
20. Phillips AT, **Phillips, RS.** Transforming resident clinics. *Harvard Medical School Center for Primary Care Blog.* 2017 April 20.
21. **Phillips, RS.** Investment In Primary Care Is Needed To Achieve The Triple Aim. *Health Affairs Blog.* 2017 May 10.
22. **RS Phillips,** EE Sullivan, MF Mayo-Smith. The patient-centered medical home and the challenge of evaluating complex interventions. *JAMA Network Open.* 2020 3 (2), e1920827-e1920827
23. J Barrow, H Silk, **RS Phillips,** CA Riedy. Oral health is health: The future is now. *Journal of Health Care for the Poor and Underserved.* 2020 31 (5), 99-103
24. **Phillips RS** Protecting those who protect us. *HMS Center for Primary Care Blog* 2020
25. **RS Phillips,** EE Sullivan, MF Mayo-Smith. The patient-centered medical home and the challenge of evaluating complex interventions. *JAMA Network Open* 3 (2), e1920827-e1920827
26. L Flowers, O Dean, S Basu, JL Alpert, **RS Phillips.** Addressing food insecurity among at-risk older adults. 2021 Primary care in the COVID-19 pandemic. New York: Milbank Memorial Fund, 97-106
27. H Pengali, **RS Phillips,** D Kothari. To improve care for patients with complex needs, expand home visits. *Health Affairs Blog.* May 11, 2021. DOI: 10.1377/hblog20210506.843768
28. **Phillips RS,** Benneyan J, Bargal B, Schiff GD. Closing the Loop: Re-engineering the Assessment and Tracking of Symptoms in Primary Care. *J Gen Intern Med.* 2022 Nov 22. doi: 10.1007/s11606-022-07886-7. Epub ahead of print. PMID: 36414802.
29. **Phillips RS.** Creating Value Through "Accompaniment" in Primary Care: a Call for Advocacy. *J Gen Intern Med.* 2023 Jul 5. doi: 10.1007/s11606-023-08298-x. Epub ahead of print. PMID: 37407764.

### **Books, Monographs, and Text Books**

1. **Phillips RS,** Hamel MB, Covinsky K, Lynn J, editors. *Journal of the American Geriatric Society Supplement* 2000;48.
2. Bazemore A, **Phillips RS,** Phillips RL, editors. *The Changing Landscape of Primary Care. The Practical Playbook.* Public Health. Primary Care. Together. Oxford University Press (2016).
3. S Basu, J Alpert, RS Phillips. *Primary Care in the COVID-19 Pandemic. Improving access to high-quality primary care, accelerating transitions to alternative forms of care*

delivery, and addressing health disparities. Sponsored by CareQuest Institute for Oral Health and the Milbank Memorial Fund.