

## Curriculum Vitae

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### Education

1992	Bachelor of Arts	Government	University of Texas at Austin
1994	Master of Public Policy	Social Policy	John F. Kennedy School of Government, Harvard University
1999	Doctor of Philosophy	Health Policy	Graduate School of Arts and Sciences, Harvard University

### Postdoctoral Training

1999-2000	Agency for Healthcare Research and Quality Post-Doctoral Fellowship	Health Services/Health Policy	Harvard School of Public Health
2000-2001	Thomas O. Pyle Fellowship	Health Services/Health Policy	Harvard Medical School and Harvard Pilgrim Health Care Society for Medical Decision-Making Annual Meeting
2018	Short Course	Psychology of Medical Decision Making	Society for Medical Decision-Making Annual Meeting
2018	Short Course	Machine Learning	Society for Medical Decision-Making Annual Meeting

### Faculty Academic/Research Appointments

2000-2008	Assistant Professor	Department of Population Medicine (formerly Ambulatory Care and Prevention)	Harvard Medical School and Harvard Pilgrim Health Care Institute, Boston, MA
Jun 2008- Jun 2010	Research Scientist I	Division of Research	Kaiser Permanente, Oakland, CA
Jul 2010- May 2016	Research Scientist II	Division of Research	Kaiser Permanente, Oakland, CA
Oct 2012- May 2016	Section Chief Health Care	Division of Research	Kaiser Permanente, Oakland, CA
Jun 2016- Nov 2020	Delivery and Policy Associate Director, Health Care	Division of Research	Kaiser Permanente, Oakland, CA
Jun 2016- Jan 2021	Delivery and Policy Research Scientist III	Division of Research	Kaiser Permanente, Oakland, CA
Jul 2020- Jan 2021	Professor	Department of Health Systems Science	Bernard J. Tyson Kaiser Permanente School of Medicine

Feb 2021-	Stanford Medicine Innovation Professor & Professor	Department of Epidemiology and Population Health; Medicine (Patient Centered Outcomes Research)	Stanford School of Medicine, Stanford University, Stanford, CA
Feb 2021-	Associate Director	Health Equity & Community Engagement	Stanford Cancer Institute, Stanford, CA

### **Appointments at Hospitals/Affiliated Institutions**

2000-2002	Assistant Professor, John F. Kennedy School of Government, Harvard University		
2008-2009	Adjunct Lecturer, Department of Population Medicine (formerly Ambulatory Care and Prevention), Harvard Medical School and Harvard Pilgrim Health Care Institute, Boston, MA		

### **Other Professional Positions**

1990- 1992	Intern, Office of Congressman J. “Jake” Pickle, U.S. House of Representatives, Austin, TX		
1994- 1995	Health Policy Analyst, Commonwealth of Massachusetts, Division of Health Care Finance and Policy, Boston, MA		

### **Major Administrative Leadership Positions**

2002-2005	Co-Director	Fellowship in Pharmaceutical Policy Research	Harvard Medical School
2012-2016	Co-Lead	Outreach and Collaborations Core	National Cancer Institute-funded, Cancer Research Network, Division of Research
2013-2017	Co-Chair	Admin Steering Committee	Division of Research
2014-	Administrator	Health Disparities and Policy Grants Program	Division of Research
2020-2021	Chair	Appointments and Promotions Committee	Division of Research

### **Committee Service**

#### ***Local***

1999-2008	Health Policy PhD Program		Harvard University
1999-2004	Member, Admissions Committee		
2001-2008	Standing Member, Committee on Higher Degrees in Health Policy		
2000-2002	Second Year Committee		Kennedy School of Government
2000-2002	Member		
2000-2008	Harvard Program on American Indian Economic Development		Harvard University
1999-2007	Evaluator, Honoring Nations Program		
2000-2008	Member, Faculty Advisory Board		
2003-2004	Co-Chair, Inter-Faculty Working Group on Native American Health Policy		
2005-2008	Faculty Search Committee		Department of Population Medicine
2005-2008	Member, Obesity Prevention Program		Harvard Medical School & Harvard Pilgrim Health Care Institute

2008-2008-2011	Disparities Workgroup Member Co-Chair, The Change Package, Kaiser Permanente Equity Summit	Kaiser Permanente
2009-2009-2010-2011-2013-2015-2020	Search Committee Member, Biostatistics Investigator Search Member, Alcohol and Drug Health Services Investigator Position Member, Vaccine Safety Investigator Position Chair, Health Information Technology Investigator Position Member, Dissemination and Implementation Opportunity Hire Chair, Associate Director, Behavioral Health, Infectious Disease, Aging	Kaiser Permanente Division of Research
2010-2012-2010-2012	Local Research Committee Reviewer	Kaiser Permanente Division of Research
2020	Member, Ad-Hoc Committee of Content Experts, Cross Cultural Utility of the Home Suppression Kits for COVID-19	Kaiser Permanente
<b>Regional</b>		
2008-2012	Health Families (State Children's Health Insurance program) Member, Advisory Committee on Quality	The California Managed Risk Medical Insurance Board
2014	Patient Engagement Issue Brief Reviewer	Maternity Care Initiative, State Health Care Innovation Plan, California Health and Human Services Agency
<b>National</b>		
2008-2008	Expert Panel: Health Disparities Agenda Member	Busch Foundation
2009-2009	Reducing Disparities in Healthcare Quality for Priority Populations using Health Information Technology Expert Meeting Participant	Agency for Healthcare Research and Quality
2010-2010	15th Biennial Economics Conference Committee Member/Disparities Session Chair	National Institute for Mental Health
2009-2011-2009-2011	Improving Health Care Access in Native American Communities: What Can Tribes Do? Member, Sounding Board	Native Nations Institute/ Kellogg Foundation
2009-2012-2009-2012-2012-2013	Expert Panel: Patient Safety Practices Member Annual Research Meeting	RAND Health Center for Effectiveness and Safety Research, Kaiser Permanente
2013-2013-2014-2013-2014	Member, Conference Committee Mental Health Services Research Conference Co-Chair	National Institute for Mental Health
2014	Member, Sociodemographics and Risk Adjustment Expert panel	National Quality Forum
2014	Speed Mentor, New Connections Increasing	Robert Wood Johnson Foundation Diversity of RWJF Programming

2016-	Advisory Board, Healthcare Delivery Research Fellowship Program	National Cancer Institute/ AcademyHealth
2017-	Mentor, Health Policy Research Scholars Program	Robert Wood Johnson Foundation
2019-	Advisory Board, Stillman College Undergraduate Biomedical Academy (SCUBA)	Stillman College
2019-	Advisory Board, Examining Diversity, Recruitment and Retention in Aging Research	University of Maryland

### Professional Societies

2000-2010	American Statistical Association	
2009	Chair, Session on Healthcare Quality, The 8 <sup>th</sup> International Conference on Health Policy Statistics	
2000-	Academy Health	
2015-2016	Co-Chair, Disparities Theme, Annual Research Meeting	
2019	Chair, Best of Annual Research Meeting, AcademyHealth Annual Research Meeting	
2019	Workshop Participant, Improving the Care Experience: A Collaborative Consensus Project	
2019-	Workgroup Member, Paradigm Project	
2019-	Board Member, Elected	
2019-2020	Co-Chair, Health Policy Dissemination and Implementation track, 12 <sup>th</sup> Annual Conference on the Science of Dissemination and Implementation Science	
2019	Member, Governance Committee, Board of Directors	
2020-	Vice Chair, Board of Directors	
2005-2008	American Diabetes Association	
2006	Abstract Reviewer, Annual Research Meeting	
2009-	Health Care Systems Research Network	
2012	Co-Chair, Early Stage Investigator Awards, 2012 Annual Research Meeting	
2012-2013	Member, Conference Committee, 2013 Annual Research Meeting	
2014-	International Society for Pharmacoeconomics and Outcomes Research	
2016-	Society for Medical Decision Making	

### Grant Review Activities

2004-2009	Native American Research Centers for Health	Indian Health Service
2004	Ad Hoc Reviewer	
2008	Ad Hoc Reviewer	
2009	Ad Hoc Reviewer	
2007-2010	Community Networks Program Pilot Grants	National Cancer Institute
2007	Ad Hoc Reviewer	
2010	Ad Hoc Reviewer	
2007-2009	Translational Research for the Prevention Control of Diabetes	National Institute of Diabetes of and Diabetes and Digestive and Kidney Diseases
2007	Ad Hoc Reviewer	
2009	Ad Hoc Reviewer	
2009	ARRA Challenge Grants	Office of Minority Health
2009	Ad Hoc Reviewer	
2010	Health Services Organization and Delivery (HSOD)	National Institutes of Health
2010	Ad Hoc Reviewer	
2011-2013	Mental Health Services Research	National Institute for Mental Health

2011-2013	Formerly: Mental Health Specialty Settings Standing Committee Member	National Institutes of Health
2013-2019	Health Services Organization and Delivery (HSOD)	National Institutes of Health
2013-2019	Standing Committee Member	
2018	Chair, Conflict Study Section	
2020	K99/00: Pathway to Independence Award	National Institute on Drug Abuse
2020	Ad Hoc Reviews, Special Emphasis Panel	
2021	Co-Chair, VACCINE HESITANCY Notice of Special Interest (NOSI) Research to Address Vaccine Hesitancy, Uptake, and Implementation among Populations that Experience Health Disparities	National Institutes of Health
2021	DD21-003 Reducing Inequities in Cancer Outcomes through Community-Based Interventions on Social Determinants of Health	Centers for Disease Control and Prevention

### Editorial Activities

Ad hoc Reviewer

*Annals of Internal Medicine, Diabetes Care, Diabetic Medicine, Health Affairs, International Journal for Quality in Health Care, Journal of the American Medical Association, Journal of General Internal Medicine, Journal of Gerontology, Medical Care, Pharmacoepidemiology and Drug Safety, others*

### Honors and Prizes

1988-1992	Texas Achievement Award	University of Texas	Academic Scholarship
1995	Harvard University Graduate Society Summer Fellowship	Harvard University	Academic Scholarship
1995-1999	Graduate School of Arts and Sciences Prize Fellowship	Harvard University	Academic Scholarship
1997-1998	Research Training Grant	Agency for Healthcare Research and Quality, U.S. Department of Health and Human Services	
1999-2000	Postdoctoral Fellowship	Agency for Healthcare Research and Quality, U.S. Department of Health and Human Services	
2000-2001	Thomas O. Pyle Fellowship	Harvard Pilgrim Health Care	
2005-2006	Young Mentor Award	Harvard Medical School and Harvard School of Dental Medicine	
2008	John M. Eisenberg Excellence in mentorship Award in Mentorship Award	Agency for Healthcare Research and Quality, U.S. Department of Health and Human Services	
2015	Outstanding Paper Award	Kaiser Permanente Division of Research	
2016	Finalist, Health Policy,	International Society for Pharmacoeconomics and Outcomes Research, Vienna, Austria, Nov 1, 2016	

### Reports of Funded Projects

#### Current Funding Information

#### Clinical Trials

## Observational Studies

07/01/2020-06/30/2021      Multiple Principal Investigator      NIA  
3R33AG057806-03S1 (Gurwitz)

### **The AGING Initiative COVID-19 Nursing Home Research Network Roadmap**

The goal of our proposed one-year supplement is to build on and expand the capacity of the Health Care Systems Research Network (HCSRN)-Older Americans Independence Centers (OAICs) AGING (Advancing Geriatrics Infrastructure and Network Growth) Initiative (R33 AG057806) to stimulate and support rigorous scientific inquiry with the potential to improve outcomes related to COVID-19 for older adults in nursing homes.

06/01/2020-05/31/2024      PI (MPI)      NCI  
R01 CA249127 (Adams)

### **Leveraging Machine Learning to Improve Risk Prediction for Chemotherapy Induced Neuropathy**

The goal of the current proposal is to conduct a mixed-methods study to develop and test a statistical model to estimate risk of severe and chronic CIPN that can be leveraged by oncology teams in real world practice to inform decision-making.

09/30/2019-08/31/2021      PI (thru 01/2020)/Co-I      NIA  
2R56AG032249

### **Drug Benefit Design and Adherence Disparities in Older Adults**

The primary objective of this competing renewal is to enhance our understanding of persistent disparities in treatment adherence and the equity effects of changes in drug coverage in order to reduce disparities in treatment adherence among older adults with complex medical conditions.

06/01/2019-05/31/2022      Co-I      PCORI  
ME-2018C1-10942 (Neugebauer)

### **Evaluation of Complex Interventions on Drug Refill Behavior Using Electronic Healthcare Data**

This project will develop causal and statistical approaches to evaluate the health effects of stochastic interventions on prescription (re)fill behaviors using large, longitudinal, electronic healthcare data (EHD) in observational studies aimed at informing the management of chronic conditions.

08/01/2018-04/30/2023      MPI      NIA  
AG057806 (Gurwitz)

### **The Health Care Systems Research Network (HCSRN)-Older Americans Independence Centers (OAICs) AGING (Advancing Geriatrics Infrastructure and Network Growth) Initiative**

This proposal will elaborate on the successful programs and infrastructure of the HCSRN-OAICs AGING Initiative, a highly productive, collaborative, transdisciplinary endeavor involving scientists from 18 HCSRN research centers, embedded within healthcare delivery systems.

03/01/2017 - 02/28/2021      Co-I      NIDDK  
R18DK110773 (Lieu)

### **Longitudinal Impact of a Free Medicine Program on Diabetes Care and Outcomes**

The study will evaluate the effects of: (1) offering WellRx starting in Jan 2014 to selected employers and patients, and (2) discontinuing WellRx for patients whose employers choose not to offer the program in a later enrollment cycle.

## **PENDING** **Clinical Trials**

12/01/2020-11/31/2024

Co-I

NIDDK (Brown)

**Mitigating Health Disparities in Postpartum Diabetes Screening and Prevention after Gestational Diabetes Mellitus**

In the Thriving in Postpartum Study (TIPS), we propose to apply the multiphase optimization strategy (MOST) to test whether a low-intensity, theory-driven outreach strategy mitigates racial/ethnic disparities in the uptake of guideline-recommended postpartum diabetes screening and diabetes prevention programs among women with a recent history of gestational diabetes mellitus (GDM).

04/01/2021-03/31/2025

Co-I

NIA (Orwig)

**Remote Behavioral Activation to Address Disparities in Isolation and Loneliness (DIAL) in Vulnerable Older Adults: A Randomized Controlled Trial**

This project aims to assess the impact of a brief structured behavioral activation (BA) intervention on the primary outcome of loneliness by conducting a Phase II randomized controlled trial (RCT) to evaluate the efficacy of a 4-month telehealth BA intervention compared with friendly companion phone calls, both delivered by trained lay-people working for Meals on Wheels of Central Maryland (MoW), in reducing the effects of social isolation in vulnerable older adults.

Role: Co-I

**Clinical/Observational Studies**

12/01/2020-11/30/2025

PI

NIMHD

R01 MD014891 (Adams)

**Enhancing the Capacity of Health Care Systems to Address Persistent Disparities in Treatment Adherence (*Impact Score: 31; Percentile: 16th*)**

This study proposes to use causal inference and machine learning methods to evaluate the impact of targeting patients with financial needs for referral to medication cost reduction interventions on disparities in diabetes medication adherence and to design and test an automated, electronic health record (EHR) embedded tool for identifying and referring patients with financial needs for OOP cost reduction interventions at the time of prescribing.

06/01/2021–05/31/2024

Curriculum Diversity Recruitment Lead

NIA (Lundebjerg)

**AGS/AGING Learning, Educating, And, Researching National Initiative in Geriatrics (“LEARNING”) Collaborative (*Impact Score: 13*)**

The overarching goal of the AGS/AGING LEARNING Collaborative is to develop a national curriculum that is sustainable beyond the initial grant funding and that includes multiple modalities. This

**PAST**

**Clinical Trials**

09/14/2017-06/30/2020

Co-I

NIDDK

1R18DK113403 (Schmittiel)

**Using Peer Support to Aid in Prevention and Treatment in Prediabetes (UPSTART)**

This randomized controlled trial will compare outcomes between a peer support program and enhanced usual care at primary care centers serving multi-ethnic, socio-economically diverse populations and evaluate costs and implementation of the program in two health systems: KPNC and Michigan Health Systems. ClinicalTrials.gov: NCT03689530

10/01/2013 – 12/31/2017(NCE)

PI

PCORI

CE-1304-7250

**Balancing Treatment Outcomes and Medication Burden among Patients with Symptomatic Diabetic Peripheral Neuropathy (DPN)**

This is a cluster randomized feedback trial testing whether prompting patient or physician-initiated changes in dose in accordance with clinical guidelines can improve patient quality of life among patients with DPN. ClinicalTrials.gov: NCT02056431

08/01/2013 – 07/31/2018                      Co-I                                      NIDDK  
R01 DK099108-02 (Grant)

**Pre-Visit Prioritization for Complex Primary Care Patients with Diabetes**

This application will develop and test a web-based tool which will allow patients with co-morbid conditions to prioritize their health concerns prior to their visit with their primary care physician. ClinicalTrials.gov: NCT02375932

12/01/2012 – 11/30/2017                      Mentor                                      NINDS  
U54 NS081760 (Sidney)

**Discovering Healthcare Innovations to Address Disparities in Stroke (DIADS)**

The DIADS program will provide information that is likely to result in better understanding of stroke etiology in the young and a hypertension (HTN) treatment program that can reduce HTN control disparities and be disseminated widely, resulting in reduction of stroke disparities.

**Clinical/Observational Studies**

09/01/2016 – 08/31/2021                      Co-I                                      NIDDK  
P30 DK092924-04 (Schmittiel)

**Health Delivery Systems Center for Diabetes Translational Research (HDS-CDTR)**

The purpose of the Center is to develop the collaborations and infrastructure necessary to promote high-quality translational research in diabetes within the HMORN and delivery systems affiliated with UCSF. Role: Program Faculty

04/01/2020-01/29/2021                      Co-I                                      NIDDK  
1R01AG067199 (Gilsanz)

**Cumulative glycemic exposure, diabetes management, and dementia risk among people with type 2 diabetes**

This study will leverage data from the Kaiser Diabetes Registry and electronic medical records to examine the associations between glycemic control, vascular complications, diabetes therapies, and dementia risk among individuals with type 2 diabetes.

11/01/2020-01/29/2021                      Co-Investigator                                      Tobacco Related Disease Research Program  
(Young-Wolff)

**Smoking and COVID-19 onset and severity in a US integrated healthcare delivery system**

This application is for continuation funding to extend our currently funded pilot study of smoking status and COVID-19 risk. The goal of the study is to examine whether current and former smokers are at elevated risk for COVID-19 infection and disease severity relative to never smokers using data from KPNC's electronic health record. We will also test whether any associations between smoking status and COVID-19 onset/severity are moderated by smoking-related chronic conditions or socio-demographic factors.

01/01/2017-12/31/2020                      Co-I                                      ACS



RSG-16-167-01-CPPB (Kroenke)

**Race Disparities in Social Networks, and Breast Cancer Treatment, Prognosis**

This study will examine the role of social networks in racial disparities in breast cancer treatment and survival.

05/01/2019-12/31/2020

MPI

Internal, The Permanente Medical Group (TPMG) Delivery Science Research Projects

**Improving Outcomes and Care Experience among Dual Eligible Members: The Role of Health System Factors**

The current proposal aims to answer the following clinical question: How do the environments in which dual eligibles receive care influence their care experience and outcomes and to what extent are these factors modifiable?

09/01/2017-08/31/2019

PI

Garfield Memorial Fund

**Predictive Modeling to Aid Clinical Decision-Making and Improve Diabetic Peripheral Neuropathy Outcomes**

The focus of this project is to develop and validate a risk prediction tool for use in-clinic to identify patients at high risk for DPN-related adverse events within the short term (6-24 months).

09/25/2012 – 12/31/2018

Co-I

NCI  
U24 CA171524-03 (Kushi)

**CRN4: Cancer Research Resources & Collaboration in Integrated Health Care Systems**

The CRN provides infrastructure support to conduct cancer research in the setting of not-for-profit integrated health care delivery systems.

07/01/2016-12/31/2017

PI

Internal, The Permanente Medical Group (TPMG) Delivery Science Research Projects

**Evaluation of a Novel Tool to Optimize Thiazide Dosing among African Americans at KPNC**

Evaluation of a tool to improve the ability of care teams to identify African Americans with poor blood pressure control that may benefit from thiazide diuretic initiation or intensification.

01/01/2016-12/31/2017

Co-I

Internal, The Permanente Medical Group (Escobar)

**Data-Driven Determination of Dynamic of Patient Trajectories**

The project will develop a novel segmentation approach that takes advantage of newer analytic techniques, as well as the use of a much broader range of organizational databases for Kaiser Permanente Northern California (KPNC) to improve the design of specialized services for KPNC patients.

12/01/2014 – 12/31/2017

Co-I

PCORI  
SC14-1403-12506 (Neugebauer)

**Causal Analyses of Electronic Health Record Data for Assessing the Comparative Effectiveness of Treatment Regimens**

The proposed study will evaluate methodological approaches to identifying and confirming heterogeneity in response to changes in insurance coverage. It aims to strengthen causal inferences based on Marginal Structural Modeling (MSM) and large healthcare databases for Comparative Effectiveness Research in Type 2 Diabetes Mellitus.

01/01/2016-12/31/2016

Co-I

CB Health Disparities and Policy

(Young-Wolff)

**The Impact of the Affordable Care Act on Tobacco Cessation Medication Utilization**

The *overarching, long-term goal* of this Health Policy and Disparities Research Program proposal is to examine how health reform legislation has impacted tobacco cessation medication access and utilization among vulnerable subsets of newly insured smokers in California.

01/01/2016-12/31/2016

Co-I

CB Health Disparities and Policy RFA  
(Chawla)

**Assessing the Impact of the Affordable Care Act on Utilization of Cervical Cancer Screening and Identifying Disparities in Utilization among KPNC Members**

The proposed study will examine the impact of the Patient Protection and Affordable Care Act (ACA), a landmark piece of legislation, on utilization of cervical cancer screening and early detection services.

07/01/2015-06/30/2017

Co-I

Tobacco-Related Disease Research Program  
338477 (Young-Wolff)

**Impact of health reform on smoking and treatment utilization**

This study examines the impact of the Affordable Care Act on the population of smokers in the health care system and investigates tobacco treatment utilization among newly insured smokers. The study uses EHR data supplemented by qualitative interviews with patients.

10/1/2013-09/30/2015

Co-I

Health Policy and Disparities Center/  
Kaiser Permanente Community Benefit  
(Schmittiel)

**Evaluating Enhanced Models of Care for Treating Complex Patients on Medicaid**

Division of Research investigators will work with the Kaiser Permanente Northern California Medi-Cal Strategy and Implementation team to evaluate the impact of an innovative, community health worker-based care model for complex patients receiving Medi-Cal coverage through Kaiser Permanente. This evaluation will test whether the program impacts utilization and costs for complex patients and assess the most efficient aspects of the program design.

09/01/2011 – 08/31/2016

Co-I

NIDDK  
P30 DK092924-04 (Schmittiel)

**HMO Research Network (HMORN) UCSF Center for Diabetes Translational Research**

The purpose of the Center is to develop the collaborations and infrastructure necessary to promote high-quality translational research in diabetes within the HMORN and delivery systems affiliated with UCSF.

09/30/2010 – 09/29/2015

Co-I

CDC  
U58 DP002721-05 (Schmittiel)

**Learnings in Diabetes Prevention from an Integrated Delivery System**

The study encompasses rigorous quantitative evaluations of a health plan employer partnership designed to reduce diabetes incidence among high risk individuals.

01/01/2014 – 06/30/2015

Co-PI

KP Community Benefit  
RNG021579

**Transition from Healthy Families to Medi-Cal: The Behavioral Health Carve-Out and Implications for Disparities in Care**

The study will characterize the demographic and clinical characteristics of children enrolled in the KPNC Healthy Families program prior to the transition to Medi-Cal, and will compare pre- and post-transition health services utilization of at-risk adolescents who are no longer eligible to receive behavioral health services through KPNC to those of a subset of adolescents who continued to receive behavioral health services from KPNC.

11/01/2013– 06/30/2015                      PI                      KP Community Benefit  
RNG021512

**Enrollment Discontinuity (Churning) among Adult Medi-Cal Members: Implications for Care Continuity and Patient Engagement in the Era of Health Reform**

The proposal will identify patients at high risk for churning to examine the relationships between churning and care continuity and patient engagement; and to explore health system factors that may modify or attenuate the impact of churning on patient health.

06/01/2014 – 12/31/2014                      PI                      TPMG  
0206-20003-5502

**Finding Opportunities to Reduce Disparities in Blood Pressure Control: A Focus on Adequate Dosing of Thiazide Diuretics – A Rapid Analysis Program Pilot Study**

This project will examine rates of thiazide use and dosing by race/ethnicity among KPNC member with hypertension in order to assess the potential impact of thiazide dosing on disparities in control. Using a single facility as a test case will be used to evaluate the feasibility of integrating data on thiazide dosing into routine team quality reports in order to facilitate clinically appropriate treatment intensification.

01/01/2014 – 12/31/2014                      Co-I                      NCI  
R01CA098838 (Habel)

**Pharmaceuticals and Cancer**

The administrative supplement will support the following two specific aims among cancer patients of Hispanic or American Indian/Alaskan Native (AIAN) ancestry: 1) To assess changes in medication use during the two years before and two years after a cancer diagnosis, with a focus on medications for conditions that may be exacerbated by cancer and its treatment, and 2) To examine the extent to which changes in medication use vary by cancer site, stage at diagnosis and age.

01/01/2014 – 12/31/2014                      Co-I                      KP Community Benefit  
9940-RNG021559 (Lee)

**Is ethnicity a risk factor for post-prostatectomy incontinence and impotence?**

This retrospective study will look at men treated in Northern California Kaiser Permanente for prostate cancer with a robotic prostatectomy that have at least one year of follow up data to identify risk factors for incontinence and impotence and to clarify whether ethnicity is also a risk factor. The research finding will help counsel men with prostate cancer to have a better understanding of the risk of long-term incontinence or impotence with surgery.

09/30/2009-09/30/2014                      Site-PI                      AHRQ  
1 R01 HS018577-01 (Soumerai)

**Drug Cost Containment Changes and Quality of Care for Mentally Ill Dual Enrollees**

This study is evaluating the impact of changes in drug cost containment policies associated with the shift from Medicaid to Part D drug coverage in four states (SC, MO, CA, NJ) among fee-for-service (non-managed care) dual enrollees with schizophrenia or bipolar disorder overall and in high risk subgroups

(e.g., minorities). My role is to investigate the impact of part D across racial and ethnic subgroups of dual enrollees with severe mental illness.

09/01/2013 - 04/30/2014                      Co-I    CAIANH (University of Colorado)  
(Schmittziel)

**Processes and Outcomes of Diabetes Care for American Indians and Alaskan Natives within Integrated Health Care Delivery Systems**

This sub-study of the Surveillance, Prevention, and Management of Diabetes (SUPREME-DM) study will determine the demographic, clinical, and geocoded socioeconomic characteristics of the American Indians and Alaskan Natives (AI/AN) population with diabetes receiving care from a national network of integrated delivery systems with that of non-Hispanic whites within the same systems; and compare the cardiovascular disease risk factor screening rates, cardiovascular disease risk factor levels, and levels of prescription drug use and medication adherence for cardiovascular disease risk factor medications between AI/AN and non-Hispanic whites with diabetes.

09/30/2009-08/31/2013                      PI    NIA  
1R01AG032249-01A1

**Impact of Medicare Part D on Cancer and Diabetes Disparities among Dual Enrollees**

The central aims of this study were to evaluate 1) the impact of Part D on racial and ethnic differences in medication access and use, 2) racial and ethnic differences in response to changes in medication accessibility under Part D, and 3) the impact of Part D on disparities in medication use, health outcomes and costs among dual enrollees with cancer or diabetes.

08/13/2009-07/31/2013                      Co-I    NIDDK  
1 R01 DK080726-01 (Karter)

**Medication Adherence and Social Disparities in Diabetes**

This study evaluated patterns, predictors and consequences of medication adherence in a large, well-characterized, ethnically diverse population of managed care patients (Kaiser Permanente) with type 2 diabetes mellitus, with a special emphasis on social disparities in adherence. My role was to investigate variation in rates of chronic pain management overall and among a subset of DISTANCE respondents with diabetic peripheral neuropathy.

07/1/2011-12/31/2012                      PI    Kaiser Permanente Community Benefit

**Evaluation of the Impact of Increased Out-of-Pocket Costs among Low-Income Children at KPNC**

The purpose of this Kaiser Permanente Community Benefit funded study was to understand the impact of increased out-of-pocket costs in California's Children's Health Insurance Program (S-CHIP) and its implications for the national debate regarding how to provide affordable health insurance to low income children.

10/01/2011-09/30/2012                      PI    Kaiser Permanente  
2011-04

**Investigation of Patient-Reported Pain Outcomes to Inform Diabetic Peripheral Neuropathy Treatment and Treatment**

The purpose of this study, funded by the Kaiser Permanente Center for Comparative Effectiveness and Safety Research, was to explore strategies for validating and collecting patient-reported pain outcomes to facilitate comparative effectiveness and safety studies related to painful DPN in diverse patient populations.

09/30/2010-09/29/2012

Co-I

NHLBI/NIMH (Go)  
3U19HL091179-04S1

**Mental Health Disorders and Medication Adherence and Outcomes in Hypertension, Atrial Fibrillation, and Venous Thromboembolism within the CVRN**

The aim of this supplement to the CVRN was to understand how co-management of mental health conditions influences cardiovascular treatment and outcomes, including disparities in treatment and outcomes. My role was to investigate racial and ethnic differences in antihypertensive adherence overall and among a subgroup of KPNC members with comorbid depression.

04/01/2010-12/31/2011

Consultant

Kellogg Foundation (Raine)

**Improving Health Care Access in Native American Communities: What Can Tribes Do?**

The purpose of this study was to understand the decision-making process of Native American tribes as they take over management of health care services, including effects on insurance coverage and reimbursement. My role was to advise the study team regarding methods and to provide critical review of the draft reports.

01/01/2010-12/01/2010

Co-I

Community Benefit Kaiser Permanente (Reed)

**COBRA Subsidies Under ARRA: Effects on COBRA Enrollment Patterns**

The aim of this research is to understand the relationships between changes in COBRA policy and enrollment patterns and changing demographics of the COBRA covered population of KPNC members. My role was to contribute my expertise of coverage policy and evaluating changes in coverage on patient behavior.

9/30/2009-9/29/2011

Co-I

NIDDK (ARRA; Karter)  
1RC1DK086178-01

**Failure to Utilize Diabetes Health Services Following a Referral**

This large epidemiological study assessed non-utilization of referred care and may inform the design of future interventions aimed at reducing health disparities. My role was to participate in the development of models to investigate racial and ethnic differences in medication adherence.

9/15/2006-4/30/2010

Co-I/Site PI

National Institute on Aging  
R01AG028745 (Soumerai)

**Impact of Medicare Drug Benefit on Use and Cost-related Underuse of Medicines**

The principal goal of this study was to measure cost-related underuse of medicines (CRUM) among Medicare beneficiaries before and after the Medicare Modernization Act (MMA). My role was to contribute my knowledge of the database and to the development of manuscripts.

5/20/2005-4/30/2009

Co-I/Site PI

NIMH  
R01MH069776 (Soumerai)

**Impact of Prior Approval for Antidepressants in Medicaid**

This project evaluated the impact of prior authorization of antidepressants among dually enrollees. As the Project Director, I was responsible for the day to day management of the project and for the execution of study aims.

10/1/2007-3/31/2009

Co-I

Robert Wood Johnson Foundation/HCFO  
(Soumerai)

**Impact of Prior Authorization among Patients with Bipolar Disorder Co-I**

This controlled study investigated the impact of Maine's prior authorization (PA) policy for newer anticonvulsants and atypical antipsychotic agents on medication use and impact of changes in medication choice on adverse outcomes among Medicaid patients with bipolar disorder. I served as co-investigator and mentor.

9/19/2007-7/31/2010 Co-I (yr 1 only) NIMH  
R01MH077727 (Hodgkins)

**The Role of Customization in Psychotropic Prescribing**

This study aimed to improve our understanding of customization in medication selection for two psychiatric disorders: major depression and bipolar disorder. I was a co-investigator for the first year of the study.

07/01/2007-06/30/2009 Co-PI Harvard Medical School

**Trends in the Use of Effective Medicines Pre-MMA among Dual Medicaid and Medicare Enrollees**

This was a preliminary study to prepare for a full-scale evaluation of Medicare Part D. As Co-PI, my role was to specify the datasets to be constructed and coordinate with the data processing group and CMS.

03/01/2007-02/28/2008 PI Astra Zeneca, Inc.

**Diabetes Self-management Support in Primary Care: Options for Diverse Patient Populations**

The goals of this project were to study the perceived ecological and cultural appropriateness of current self-management support tools in practices serving diverse patient populations for diabetes through interviews with providers to gather information about current practices and barriers to implementation of self-management support strategies, and specifically about strategies to promote medication adherence.

1/1/2006-12/31/2007 Co-I (yr 2 only) Charles H. Hood Foundation (Galbraith)

**Children in High-Deductible Health Plans: Health Care Use and Impact of Chronic Conditions**

The goal of this project was to study how enrollment in high-deductible health plans affects children's use of recommended health care services relative to traditional plans for children whose families did not have a choice of health plans, and to examine the impact of chronic conditions in children and their families on children's use of recommended services in high-deductible health plans.

01/01/2006-12/31/2006 PI Harvard Pilgrim Health Care Foundation

**Medication Nonadherence and Cardiovascular Risk in HPHC Enrollees with Diabetes**

This project developed real-time adherence algorithms by adapting a claims-based medication adherence profile system (MAPS) created by the Drug Policy Research Group, used MAPS to identify patients for intervention through the Diabetes Lead Team's Diabetes/Cardiovascular Disease program at Harvard Pilgrim Health Care, and used MAPS to guide and tailor nurse counselor outreach via telephone.

01/01/2005-12/31/2005 PI National Aboriginal Health  
Organization/Health Canada

**Review of the Longitudinal Regional Health Survey**

This project evaluated the methodology and execution of an indigenously controlled health survey spanning all First Nations communities in Canada.

01/01/2005-12/31/2005 Co-I HPHC Foundation (Ross-Degnan)

**Impact of an Antidepressant Adherence Improvement Program in a Managed Care Organization**

This project was a retrospective evaluation of a program at Harvard Pilgrim Health Care to fax alerts to physician for patients who were identified as potentially non-adherent to newly prescribed antidepressant medications.

07/01/2004-06/30/2008 Co-I Eli Lilly & Co., CDC, AHRQ –CERT  
PH000178AZ (phase1)/PH000178Z (phase 2)  
**Effects of Prior Authorization of Atypical Antipsychotic Agents among Patients with Schizophrenia**  
This study investigated the impact of a combined step therapy and prior authorization (PA) policy in Maine among patients with schizophrenia. Phase 3 will examine changes in use of other health care services (e.g., hospitalization) before and after the implementation of the PA policy. I served as co-investigator.

01/01/2004-12/31/2004 Co-I HPHC Foundation (Mah)  
**Racial Differences in Response to Coverage of Glucose Monitors in an HMO**  
This project evaluated the impact of a program to provide free glucose meters to diabetes patients in an HMO on the rate of initiation and adherence to self-monitoring practice overall and by race.

06/01/2004-05/31/2005 Co-I The Henry J. Kaiser Family Foundation (Soumerai)  
**Out-of-pocket Prescription Drug Spending by Medicaid Beneficiaries**  
The purpose of this project was to characterize the financial burden associated with prescription medications among Medicaid beneficiaries.

09/01/2003-08/31/2007 Co-I National Institute on Aging (Soumerai)  
R01AG022362  
**Medication Underuse in the Elderly**  
This project developed and validated measures of cost-related medication underuse in a pilot survey of elderly patients, included the validated survey questions in the Medicare Current Beneficiary Survey and analyzed survey results using three years of survey responses.

05/01/2003-04/30/2004 PI HPHC Foundation  
**Race Ascertainment in an HMO**  
The purpose of this foundation grant was to explore the capture of patient race and ethnicity in the electronic medical record and to validate it against patient self-reported data.

11/01/2001-10/31/2003 Co-I National Institute of Diabetes, Digestive, and Kidney Diseases  
R01DK60741 (Ross Degnan)  
**Race and Long-Term Diabetes Self-Management in an HMO**  
The goal of this project was to evaluate racial differences in diabetes self-management practices and the relationship between these behaviors and subsequent glycemic control in a setting where patients had more or less equal access to diabetes care services. I served as the faculty level project director.

## Report of Local Teaching and Training

### Teaching of Students in Courses

1996	Empirical Methods for Decision Making I: Introduction to Statistics	
Masters	Teaching Fellow	10 hours per week
1998	The Economics of Project and Policy Evaluation	
Masters	Teaching Fellow	10 hours per week
1998	The Economics of Aging	
Masters	Teaching Fellow	10 hours per week
1999-2000	Core Seminar in Health Policy	
PhD	Teaching Fellow	10 hours per week

2000-2002	Seminar in Human Services, Health, Labor, Education, and Nonprofit Management	
Masters	Instructor	10 hours per week
2013	Healthcare Disparities, Berkeley School of Public Health	
Masters/PhD	Guest Lecturer	3 hours per week
2019	University of North Carolina, Division of Pharmaceutical Outcomes and Policy seminar	
PharmD	Guest Lecture	

**Formal Teaching of Residents, Clinical Fellows and Research Fellows (post-docs)**

2002-2008	Seminar in Drug Policy Research Methods	
PhD/Post Doc	Instructor	5 hours per week
2017-2019	Seminar, Delivery Science Research Seminar	
PostDoc/MD	Guest Speaker	
2019	Kaiser Permanente Northern California Residency Elective in Health Policy course	
MD	Guest Speaker	

**Formally Supervised Trainees/Fellows**

1999-2000 Alex Federman, MD Internal Medicine, Mt. Sinai Hospital  
 Guided Dr. Federman in the use of a dataset I created to explore health services use among Medicare enrollees; Published a manuscript in *JAMA*

2001-2002 Tova Serkin, BA Education Department, Jewish Agency, Israel  
 Supervised Ms. Serkin's undergraduate thesis on health policy and flu pandemics; satisfactorily completed her undergraduate thesis and degree

2002-2004 Sylvia Park, PhD Senior Researcher, Korea Health Industry Development Institute  
 Co-supervised Dr. Park in the development of her study to investigate physician prescribing of antibiotics following a change in policy in Korea; she published two peer reviewed articles

2002- Connie Mah Trinacty, PhD Investigator  
 Kaiser Permanente Center for Health Research, Hawai'i

I supervised Dr. Trinacty's dissertation thesis and postdoctoral training. I am currently a co-mentor on her career development award through AHRQ; She has published three first authored manuscripts stemming from this work and has co-authored multiple publications related to this work.

2002-2006 Kara Zivin (Bambauer), PhD Associate Professor, Department Psychiatry, University of Michigan Medical School  
 Supervised Dr. Zivin's postdoctoral work at Harvard; she successfully completed her postdoctoral work and has published four first authored manuscripts based on this work.

2003-2008 Marsha Pierre-Jacques, BA  
 Supervised Ms. Pierre-Jacques through a minority supplement for a grant on which I was the project director; she published her first manuscript.

2003-2004 Julie Donohue, PhD Professor and Vice Chair for



Research, Health Policy and Management,  
University of Pittsburgh

Supervised Dr. Donohue during a one-year postdoctoral fellowship in pharmaceutical policy. She successfully completed her fellowship and is now a well-established investigator at the University of Pittsburgh.

2005-2010 Katy Backes Kozhimannil, MPH, PhD Associate Professor, School of Public Health,  
University of Minnesota

Supervised Dr. Kozhimannil through her dissertation, including serving on her committee. She has since published four studies stemming from her dissertation work, one in *JAMA*

2005-2006 Yuting Zhang, PhD Associate Professor of Health Economics,  
Health Policy and Management  
Director, Pharmaceutical Economics  
Research Group, Health Policy and  
Management

Co-supervised Dr. Zhang through a two-year postdoctoral fellowship; she published two first authored manuscripts based on her fellowship work.

2005-2007 Sara Bleich, PhD Professor, Public Health Policy, Harvard T.H. Chan  
School of Public Health, Harvard University

I served on Dr. Bleich's dissertation committee; she published three first authored manuscripts based on her dissertation one, including on in *BMJ*.

2006-2008 Michael Law, PhD Associate Professor, School of Population and Public  
Health, UBC

I co-supervised Dr. Law during his PhD program; he published three first authored manuscripts based on his work with our group.

2007-2008 Christine Lu, PhD Associate Professor, Department of Population  
Medicine, Harvard University and Harvard Pilgrim  
Health Care Institute

I co-supervised Dr. Lu during two-year postdoctoral fellowship; Dr. Lu has published three first authored manuscripts based on our work together.

2013- Ousseny Zerbo, PhD Research Scientist, KP Division of Research

I serve as Dr. Zerbo's career mentor, meeting with him once a month to discuss his career trajectory and progress toward his short-term goals.

2014-2016 Whitney Robinson, PhD Associate Professor, Gillings School of Public Health  
University of North Carolina, Chapel Hill

I served as a career co-mentor to Dr. Robinson during her tenure as an NCI Cancer Research Network Scholar.

2014-2016 Mark Lin, MD Family Practice Physician, Kaiser Permanente

I serve as Dr. Lin's primary mentor for his two-year post-doctoral fellowship in healthcare delivery science.

2014-2016 Somalee Banerjee, MD Hospitalist, Kaiser Permanente  
I served as Dr. Banerji's faculty mentor during her research rotation at Oakland Medical Center.

2014-2015 Tangela Hales, PhD, RN Doctorate, University of Southern Mississippi  
I served on Ms. Hales' dissertation committee.

2014-2017 Neetu Chawla, PhD Investigator, Veterans Administration  
I served as scientific co-mentor to Dr. Chawla, meeting with her regularly to discuss her career goals and to collaborate on research projects and proposals.

2014-2019 Susan Brown, PhD Research Scientist, KP Division of Research  
I served as a co-mentor on Dr. Brown's career development award from NIDDK.

2016-2018 Esme Cullen, MD Resident, The Permanente Medical Group  
I supervised Dr. Cullen in her residency research project.

2017-2019 Cassondra Marshall, PhD Assistant Professor, Public Health, UC Berkeley  
I co-mentored Dr. Marshall during her third year of fellowship.

2017- Jenny Guadamuz, PhD Student RWJ Health Policy Research Scholar  
I serve as a distant career mentor to Ms. Guadamuz who is a PhD student at the University of Illinois Chicago.

2017- Yaminette Diaz-Linhart, PhD Student RWJ Health Policy Research Scholar  
I serve as a distant career mentor to Ms. Diaz-Linhart who is a PhD student at Brandeis University

2019- Jessica Poon, PhD Delivery Science Fellow  
The Permanente Medical Group  
I serve as a primary scientific mentor to Dr. Poon who is a new delivery science fellow

2019- Olive Mbah, PhD Student University of North Carolina  
AcademyHealth Diversity Scholar  
I serve as a distant career mentor to Ms. Mbah who is a PhD student in the Gillings School of Public Health.

**Formal Teaching of Peers (e.g., CME and other continuing education courses)**

2001 CME Lecture	Prescription Drugs and the Elderly Boston, MA	1 Division on Aging, Harvard Medical School
2010-2011 Drug Safety Research Methods	Data Resources and Methods Oakland, CA (webinar) Effectiveness and Safety Research	1 Kaiser Permanente Center for
2010 Disparities Exchange Forum	Disparities in Chronic Disease Control: What Can Health Systems Do? Oakland, CA (webinar)	1 CMI, Kaiser Permanente

2011 The Equity Summit	The Change Package South San Francisco, CA (webinar)	1 Kaiser Permanente
2012 National Quality Conference	Modifiable Determinants: Antihypertensive Adherence Anaheim, CA	1 Kaiser Permanente
2013 TPMG Disparities Symposium	Modifiable Determinants of Disparities and Promising Interventions	Division of Research

## **Report of Regional, National and International Invited Teaching and Presentations**

### **Regional, National and International Invited Presentations and Courses**

2001	Adams AS. The road not taken: How tribes choose between tribal and Indian Health Service management of health care resources. Indian Health Service Annual Meeting for Chief Medical Officers, John F. Kennedy School of Government, Cambridge, MA
2001	Adams AS. The road not taken: How tribes choose between tribal and Indian Health Service management of health care resources. Survey Course in American Indian Health, Johns Hopkins School of Public Health, Baltimore, MD
2001	Adams AS. The road not taken: How tribes choose between tribal and Indian Health Service management of health care resources. Indian Health Service Annual Meeting for Chief Medical Officers, John F. Kennedy School of Government, Cambridge, MA
2001	Adams AS, Soumerai SB, Lomas J. Translating Research into Policy, Academy for Health Services Research and Health Policy Annual Meeting, Atlanta, GA
2001	Adams AS, Soumerai SB, Ross-Degnan D. Prescription Drugs and the Elderly, CME Lecture for Medical Professionals, Division on Aging, Harvard Medical School, Boston, MA
2002-2003	Adams AS. The road not taken: How tribes choose between tribal and Indian Health Service management of health care resources. Course on American Indian Policy, University of Arizona, Tucson, AZ
2003	Adams AS, Soumerai SB, Ross-Degnan D. Pharmaceutical Benefits and Medicare, School of Health Administration and Policy, W.P. Carey School of Business, Arizona State University, Tempe, AZ
2004-2007	Adams AS. Tribal Management. Invited Lecturer on Leadership in Minority Health Policy, Harvard Medical School, Boston, MA
2005	Adams AS, Jorgensen M, Andrew C. Review of the Regional Longitudinal Health Survey: Preliminary Findings, Keynote, First Nations Research Conference, Ottawa, Canada
2006	Adams AS, Jorgensen M, Andrew C. Review of the Regional Health Survey, Chief's Committee on Health, Assembly of First Nations, Ottawa, Canada
2006	Adams AS, Jorgensen M, Andrew C. Review of the Regional Health Survey, Brown School of Social Work, Washington University, St. Louis, MO

- 2006 Adams AS, Jorgensen M, Andrew C. Review of the Regional Health Survey, Visiting Scholar Series, College of Public Health, University of Arizona, Tucson, AZ
- 2008 Adams AS, Zhang F, LeCates RL, Graves AJ, Ross-Degnan D, Gilden D, McLaughlin TJ, Lu C, Trinacty CM, Soumerai SB. Impact of Prior Approval for Antidepressants among Dual Enrollees, Visiting Scholar Series, Robert Wood Johnson Foundation Center for Health Policy, University of New Mexico
- 2009 Adams AS, Soumerai SB. Unintended Effects of Prior Authorization of Mental Health Drugs in Medicaid, National Government Day, Agency for Healthcare Research and Quality, Centers for Education and Research on Therapeutics
- 2010 Disparities in Chronic Disease Control among African Americans: The Role of Medication Non-Adherence, Division of Health Policy and Management, School of Public Health, University of California, Berkeley
- 2010 Adams AS, Karter AJ, Trinacty CM, Selby JB. Modifiable Determinants of Health Disparities. Department of Population Medicine, Harvard Medical School and Harvard Pilgrim Health Care Institute. Boston, MA
- 2010 Adams AS, Ross-Degnan D, Soumerai SB. Prior Authorization for Mental Health Drugs: Recommendations for Policy Makers, AcademyHealth Annual Research Meeting, Boston, MA
- 2012 Disparities in Hypertension Control: The Change Package, Center for Clinical Effectiveness and Safety Research, Pasadena, CA
- 2013 Modifiable Determinants of Health Care Disparities and Promising Interventions, Kaiser Permanente National Diversity Council, Oakland, CA
- 2013 Modifiable Determinants of Health Care Disparities and Promising Interventions, The Permanente Physician Group Health Disparities Symposium, Oakland, CA
- 2013 Guest Lecturer, Health Care and Health Disparities, Berkeley School of Public Health, Berkeley, CA
- 2014 Modifiable Determinants of Health Care Disparities and Promising Interventions, Kaiser Permanente Northern California, Regional Diversity Council, Oakland, CA
- 2014 Kaiser Permanente Division of Research: Embedded Researchers in a Learning Health Care System, KP Learning Program, Community Benefit Program Office, Oakland, CA
- 2014 Plenary Speaker, National Institutes of Mental Health Services Research Conference, Bethesda, MD
- 2014 Plenary Speaker, Affordable Care Act and Disparities in Healthcare for Latinos: Priorities for Research, 2014 Latino Health Summit, San Francisco, CA
- 2014 Adams AS. Balancing Treatment Outcomes and Burden among Patients with Diabetic Peripheral Neuropathy, Patient Centered Outcomes Research Institute, Methods Webinar Series
- 2014 2014/2015 National Institute of Mental Health Director's Innovation Speaker Series, Bethesda, MD, November 6, 2014
- 2016 Invited Speaker, Centers for Medicare and Medicaid Services, listening session on workforce innovations to address health disparities, San Francisco, CA, July 27, 2016

- 2017 Moderated Poster Presentation, Results of a Cluster Randomized Controlled Trial to Improve Primary Care Management of Diabetic Peripheral Neuropathy Symptoms: The Diabetes Telephone Study A-17-716, European Society for the Study of Diabetes, Lisbon, Portugal, September 12, 2017
- 2018 Invited Keynote Speaker, Preventing Heart Attacks and Strokes Everyday (PHASE) Community Meeting, Kaiser Permanente, Oakland, CA, November 29, 2018
- 2018 Invited Plenary Speaker, 11th Annual Conference on the Science of Dissemination and Implementation in Health, AcademyHealth and National Cancer Institute, Washington, DC, December 5, 2018
- 2019 Invited Keynote Speaker, University of San Francisco School of Nursing Black History Month Celebration, San Francisco, CA, February 25, 2019.
- 2019 Invited Panel Presentation, Boundary Spanning and Code-Switching: Creating a Culture of Inclusion in Health Services Research, Academy Health Annual Research Meeting, Washington, DC, June 3, 2019
- 2019 Chair, Best of Annual Research Meeting: Assessing Quality – Locally and Globally, Academy Health Annual Research Meeting, Washington, DC, June 3, 2019
- 2019 Invited Discussant/Co-Chair, Health Policy Dissemination & Implementation Science, 11<sup>th</sup> Annual Conference on the Science of Dissemination & Implementation, Arlington, VA, December 4, 2019
- 2019 Invited Speaker, The Diabetes Telephone Study, Telehealth Dissemination Forum, Alexandria, VA, June 26, 2019.
- 2020 Invited Panel Presentation, Academy Health Annual Research Meeting, Creating Safe Spaces in the Workplace: Promoting a Diverse, Inclusive, and Sustainable Research Culture, San Francisco, CA (Virtual Meeting), August 4, 2020.

**Report of Education of Patients and Service to the Community**

**Activities**

- 1996-1997 Volunteer, Massachusetts General Hospital
- 1998 Consultant, North American Indian Center of Boston
- 1999-2007 Evaluator for the Honoring Nations Program, Harvard Project on American Indian Economic Development
- 2003-2004 Advisor, National Conference of Black Mayors on health disparities
- 2005-2019 Vice Chair, Board of Directors, Service Dogs, Inc. (formerly: Texas Hearing and Services Dogs)
- 2008-2013 Ad hoc requests to coordinate and/or edit articles and reports related to DOR disparities research (e.g., DOR Annual Report, TPMG Journal)
- 2008- Periodic advising to individual TPMG clinicians and interest groups (e.g., psychiatry, The Permanente Medical Group Association of African American Physicians) on health disparities research projects
- 2008- Compilation and summarization of Division of Research disparities research for Community Benefit and the Office of Diversity for presentation at national meetings
- 2009 Grant Reviewer for HIV Related Projects, Community Benefit, Kaiser Permanente Division of Research
- 2010-2011 Advisory Board, Children’s Water for Life

## Educational Material for Patients and the Lay Community

**Adams AS** and Marciniak MD. The Impact of the American Health Security Act on Native Americans: A report to the Grand Traverse Band of Ottawa and Chippewa Indians. Malcolm Weiner Center for Social Policy Project Report Series, Cambridge, MA. Report No.: 94-1. 1994.

Massachusetts Division of Health Care Finance and Policy. Improving primary care: Using preventable hospitalizations as an approach. Commonwealth of Massachusetts, Boston, MA. 1995.

## Recognition

2010	Outstanding Reviewer	<i>Annals of Internal Medicine</i>
2011	Outstanding Reviewer	<i>Pharmacoepidemiology and Drug Safety</i>
2013	Certificate of Appreciation	National Institute of Mental Health Mental Health Services Research Committee

## Report of Scholarship

### Publications

#### *Peer Reviewed Research Investigations*

1. **Adams AS**, Soumerai SB, Lomas J, Ross-Degnan D. Evidence of Self-Report Bias in Assessing Adherence to Guidelines. *Int J Qual Health Care*. 1999 Jun;11(3):187-92. PMID: 10435838
2. **Adams AS**. The Road Not Taken: How Tribes Choose Between Tribal and Indian Health Service Management of Health Care Resources. *The American Indian Culture and Research Journal*. 2000;24(3):22-38.
3. **Adams AS**, Soumerai SB, Ross-Degnan D. Use of Antihypertensive Drugs among Medicare Enrollees: Does Type of Drug Coverage Matter? *Health Aff (Millwood)*. 2001 Jan-Feb;20(1):276-86. PMID: 11194852
4. Federman AD, **Adams AS**, Ross-Degnan D, Soumerai SB, Ayanian JZ. Supplemental Insurance and Use of Effective Cardiovascular Drugs among Elderly Medicare Beneficiaries with Coronary Heart Disease. *JAMA*. 2001 Oct;286(14):1732-9. PMID: 11594898
5. **Adams AS**, Mah C, Soumerai SB, Zhang F, Barton MB, Ross-Degnan D. Barriers to Self-Monitoring of Blood Glucose among Adults with Diabetes in an HMO: a cross sectional study. *BMC Health Serv Res*. 2003 Mar;3(1):6. PMID: 12659642, PMCID: PMC153532
6. Soumerai SB, Mah C, Zhang F, **Adams A**, Barton M, Fajtova V, Ross-Degnan D. Effects of Health Maintenance Organization Coverage of Self-Monitoring Devices on Diabetes Self-Care and Glycemic Control. *Arch Intern Med*. 2004 Mar;164(6):645-52. PMID: 15037493
7. Bambauer KZ, Soumerai SB, **Adams AS**, Mah C, Zhang F, McLaughlin TJ. Does Antidepressant Adherence Have an Effect on Glycemic Control among Diabetic Antidepressant Users? *Int J Psychiatry Med*. 2004 Dec;34(4):291-304. PMID: 15825580
8. Park S, Ross-Degnan D, **Adams AS**, Sabin J, Kanavos P, Soumerai SB. Effect of Switching Antipsychotics on Antiparkinsonian Medication Use in Schizophrenia: Population-Based Study. *Br J Psychiatry*. 2005 Aug;187:137-42. PMID: 16055824
9. Park S, Soumerai SB, **Adams AS**, Finkelstein JA, Jang S, Ross-Degnan D. Antibiotic Use Following a Korean National Policy to Prohibit Medication Dispensing by Physicians. *Health Policy Plan*. 2005 Sep;20(5):302-309. PMID: 16000369

10. **Adams AS**, Zhang F, Mah C, Grant RW, Kleinman K, Meigs JB, Ross-Degnan D. Race Differences in Long-Term Diabetes Management in an HMO. *Diabetes Care*. 2005 Dec;28(12):2844-9. PMID: 16306543
11. Bambauer KZ, **Adams AS**, Zhang F, Minkoff N, Grande A, Weisblatt R, Soumerai SB, Ross-Degnan D. Physician Alerts to Increase Antidepressant Adherence: Fax or Fiction? *Arch Intern Med*. 2006 Mar;166(5):498-504. PMID: 16534035
12. Sequist TD, **Adams A**, Zhang F, Ross-Degnan D, Ayanian JZ. Effect of Quality Improvement on Racial Disparities in Diabetes Care. *Arch Intern Med*. 2006 Mar;166(6):675-81. PMID: 16567608
13. Mah CA, Soumerai SB, **Adams AS**, Ross-Degnan D. Racial Differences in Impact of Coverage on Diabetes Self-Monitoring in a Health Maintenance Organization. *Med Care*. 2006 May;44(5):392-7. PMID:16641656
14. Soumerai SB, Pierre-Jacques M, Zhang F, Ross-Degnan D, **Adams AS**, Gurwitz J, Adler G, Safran DG. Cost-Related Medication Nonadherence among Elderly and Disabled Medicare Beneficiaries: A National Survey 1 Year Before the Medicare Drug Benefit. *Arch Intern Med*. 2006 Sep;166(17):1829-35. PMID: 17000938
15. Grant R, **Adams AS**, Trinacty CM, Zhang F, Kleinman K, Soumerai SB, Meigs JB, Ross-Degnan D. Relationship between Patient Medication Adherence and Subsequent Clinical Inertia in Type 2 Diabetes Glycemic Management. *Diabetes Care*. 2007 Apr;30(4):807-12. PMID: 17259469
16. Bambauer KZ, Ross-Degnan D, Safran DG, Zhang F, **Adams AS**, Gurwitz J, Pierre-Jacques M, Soumerai SB. Depression and Cost-Related Medication Nonadherence in Medicare Beneficiaries. *Arch Gen Psych*. 2007 May;64(5):602-8. PMID: 17485612
17. Bambauer KZ, **Adams AS**, Zhang F, Soumerai SB, Ross-Degnan D. Provider and Patient Characteristics Associated with Antidepressant Adherence in a Managed Care Organization: The Impact of Provider Specialty. *J Clin Psychiatry*. 2007 Jun;68(6):867-73. PMID: 17592910
18. Elliott RA, Ross-Degnan D, **Adams AS**, Safran DG, Soumerai SB. Strategies for Coping in a Complex World: Adherence Behavior among Older Adults with Chronic Illness. *J Gen Intern Med*. 2007 Jun;22 (6):805-10. PMID: 17406952, PMCID:PMC2219857
19. Bleich S, Blendon R, **Adams A**. Trust in Scientific Experts on Obesity: Implications for Awareness and Behavior Change. *Obesity* (Silver Spring). 2007 Aug;15(8):2145-56. PMID: 17712134
20. Bleich SN, Cutler DM, **Adams AS**, Lozano R, Murray CJ. Impact of Insurance and Supply of Health Professionals on Coverage of Treatment for Hypertension in Mexico: Population Based Study. *BMJ*. 2007 Oct;335 (7625):875. PMID: 17954519, PMCID: PMC2043407
21. Trinacty CM, **Adams AS**, Soumerai SB, Zhang F, Meigs JB, Piette JD, Ross-Degnan D. Racial Differences in Long-Term Self-Monitoring Practice among Newly Drug-Treated Diabetes Patients in an HMO. *J Gen Intern Med*. 2007 Nov;22(11):1506-13. Epub 2007 Sep 1. PMID: 17763913, PMCID: PMC2219792
22. Law MR, Soumerai SB, Ross-Degnan D, **Adams AS**. A Longitudinal Study of Medication Nonadherence and Hospitalization Risk in Schizophrenia. *Journal of Clinical Psychiatry*. 2008 Jan;69 (7):47-53. PMID: 18312037
23. Bleich S, Cutler D, Murray C, **Adams A**. Why Is the Developed World Obese? *Ann Rev Public Health*. 2008 Apr;29:273-295. PMID: 18173389
24. Pierre-Jacques M, Safran DG, Zhang F, Ross-Degnan D, **Adams AS**, Gurwitz J, Rusinak D, Soumerai

- SB. Reliability of New Measures of Cost-Related Medication Nonadherence. *Med Care*. 2008 Apr;46(4):444-8. PMID: 18362826
25. Madden JM, Graves AJ, Zhang F, **Adams AS**, Briesacher BA, Ross-Degnan D, Gurwitz JH, Pierre-Jacques M, Safran DG, Adler GS, Soumerai SB. Cost-Related Medication Nonadherence and Spending on Basic Needs Following Implementation of Medicare Part D. *JAMA*. 2008 Apr;299(16):1922-8. PMID: 18430911
  26. **Adams AS**, Trinacty CM, Zhang F, Kleinman K, Grant RW, Meigs JB, Soumerai SB, Ross-Degnan D. Medication Adherence and Racial Differences in A1C Control. *Diabetes Care*. 2008 May;31(5):916-21. PMID: 18235050, PMCID: PMC2563955
  27. Soumerai SB, Zhang F, Ross-Degnan D, Ball DE, LeCates RF, Law MR, Hughes TE, Chapman D, **Adams AS**. Use of Atypical Antipsychotic Drugs for Schizophrenia in Maine Medicaid Following a Policy Change. *Health Aff (Millwood)*. 2008 May-Jun;27(3):w185-95. PMID: 18381404
  28. Trinacty CM, **Adams AS**, Soumerai SB, Zhang F, Meigs JB, Piette JD, Ross-Degnan D. Racial Differences in Long-Term Adherence to Oral Hypoglycemic Therapy: A Longitudinal Cohort Study. *BMC Health Serv Res*. 2009 Feb;9:24. PMID: 19200387, PMCID: PMC2645384
  29. Zhang Y, **Adams AS**, Ross-Degnan D, Zhang F, Soumerai SB. Effects of Prior Authorization on Medication Discontinuation among Medicaid Beneficiaries with Bipolar Disorder. *Psychiatr Serv*. 2009 Apr;60(4):520-7. PMID: 19339328
  30. **Adams AS**, Zhang F, LeCates RL, Graves AJ, Ross-Degnan D, Gilden D, McLaughlin TJ, Lu C, Trinacty CM, Soumerai SB. Prior Authorization for Antidepressants in Medicaid: Effects among Disabled Dual Enrollees. *Arch Intern Med*. 2009 Apr;169(8):750-6. PMID: 19398686, PMCID: PMC2681242
  31. Kozhimannil KB, Valera MR, **Adams AS**, Ross-Degnan D. The population-level impacts of a national health insurance program and franchise midwife clinics on achievement of prenatal and delivery care standards in the Philippines. *Health Policy*. 2009 Sep;92(1):55-64. PMID: 19327862, PMCID: PMC2719679
  32. Briesacher BA, Ross-Degnan D, **Adams AS**, Wagner AK, Gurwitz JH, Soumerai SB. A new measure of medication affordability. *Soc Work Public Health*. 2009 Nov;24(6):600-12. PMID: 19821195, PMCID: PMC2893303
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#### *Invited/Non-Peer Reviewed Publications Reviews*

93. **Adams AS**, Soumerai SB, Ross-Degnan D. The Case for a Medicare Drug Coverage Benefit: A Critical Review of the Empirical Evidence. Review. *Annual Review of Public Health*. 2001;22:49-61.5.
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#### *Chapters*

95. **Adams AS**. Medication Cost-Sharing and Drug Spending in Medicare. Chapter. In: Applied Bayesian Modeling and Causal Inference from Incomplete-Data Perspectives. West Sussex, England: John Wiley and Sons, Ltd.;2004. p. 37-47.
96. **Adams A**, Lee A, Lipsky M. Governmental Services and Programs: Meeting Citizen's Needs. In: Rebuilding Native Nations: Strategies for Governance and Development, ed. M. Jorgensen. Tucson: The University of Arizona Press; 2008. p. 223-245.

*Letters to the Editor*

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*Professional Educational Materials or Reports, in print or other media*

- Adams AS**. Pharmacy On-Line Billing Initiative: Case Exercise in Health Care Management. 2002. Designed for clinician fellows in a one-year minority health policy program at Harvard Medical School.
- Adams AS**. Bringing Dialysis to the Reservation: Case Exercise in Health Care Management. 2002. Designed for clinician fellows in a one-year minority health policy program at Harvard Medical School.
- Adams AS**. Promoting Healthy Communities: The Whirling Thunder Wellness Program. Cambridge (MA): Harvard Project on American Indian Economic Development Joint Papers Series. 2003. Designed for Native American tribal health system levels engaged in the Ford Foundation funded Honoring Nations Program.

Selker H, Grossmann C, **Adams A**, Goldmann D, Dezii C, Meyer G, Roger V, Savitz L, Platt R. The Common Rule and Continuous Improvement in Health Care: A Learning Health System Perspective. Institute of Medicine Discussion Paper, October 2011. Available at: <http://www.iom.edu/Activities/Quality/~media/Files/Activity%20Files/Quality/VSRT/Discussion%20Papers/CommonRule.pdf>. Intended for health systems leaders and others interested in the proposed changes to the Common Rule regarding human subjects in research. I was a co-author on the paper and contributed to the development and critical editing of the manuscript.

*Clinical Guidelines and Reports*

- Adams AS**, Foley JW, Lobb R, Pierre-Jacques M, Wagner L. Addressing Health Disparities in Primary Care: Meeting Health Plan and Provider Data Needs. Report to Harvard Vanguard Medical Associates. 2005. Intended to inform the health care system about gaps in race and ethnicity ascertainment in the medical record.
- Adams AS**, Jorgensen M, Andrews C. Review of the First Nations Regional Longitudinal Health Survey (RHS) 2002/2003. 2006. Developed for Health Canada and the Assembly of First Nations as a final report to an evaluation of a country wide survey of indigenous groups in Canada.

**Thesis**

Tribal Management – Drug Coverage and Drug use by Medicare Beneficiaries – Bias in Measures of Guideline Adherence. Committee: Joseph P. Kalt (Chair), Stephen B. Soumerai, Richard Frank, Donald Rubin

**Abstracts, Poster Presentations and Exhibits Presented at Professional Meetings:**

Mark W. Lin, Wendy Dyer, Julie A. Schmittiel, **Alyce S. Adams**. Medicaid Expansion and the Affordable Care Act: Data from the first year of enrollment at Kaiser Permanente Northern California 21<sup>st</sup> Annual Conference will be held March 11-13, 2015 at the Hyatt Regency Long Beach, CA.

Adams AS, Prosser L, Alschuler A, Ma L, Wittenberg E. Application of Best Worst Scaling to Improve Patient-Centered Treatment Decisions in Diabetic Peripheral Neuropathy. International Society for Pharmacoeconomics and Outcomes Research, Europe 2018, November 13, 2018, Barcelona, Spain.

Adams AS, Becker M, Chubak J, Ichikawa L, Kolevska T, Ma L, Pawloski PA, Rivera D, Ziebell R. Diagnosis and Treatment of Neuropathy Post chemotherapy in Three Health Systems. Health Care Systems Research Network Annual Meeting 2019, Portland, OR.