

## ALYCE SOPHIA ADAMS

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### EDUCATION AND TRAINING

Year(s)	Degree	Discipline	Institution
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
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
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

### APPOINTMENTS

#### *Faculty Academic/Research Appointments*

Year(s)	Title	Department	Institution
2000-2008	Assistant Professor	Department of Population Medicine (formerly Ambulatory Care and Prevention)	Harvard Medical School and Harvard Pilgrim Health Care Institute, Boston, MA
2008-2010	Research Scientist I	Division of Research	Kaiser Permanente, Oakland, CA
2010-2016	Research Scientist II	Division of Research	Kaiser Permanente, Oakland, CA
2012-2016	Section Chief	Division of Research	Kaiser Permanente, Oakland, CA
2016-2020	Health Care Delivery and Policy Associate Director, Health Care Delivery and Policy	Division of Research	Kaiser Permanente, Oakland, CA
2016-2021	Research Scientist III	Division of Research	Kaiser Permanente, Oakland, CA
2020-2021	Professor	Department of Health Systems Science	Bernard J. Tyson Kaiser Permanente School of Medicine
2021-present	Stanford Medicine Innovation Professor & Professor	Department of Epidemiology and Population Health; Medicine (Patient Centered Outcomes Research); Pediatrics (by courtesy)	Stanford School of Medicine, Stanford University, Stanford, CA
2021-present	Adjunct Investigator	Division of Research	Kaiser Permanente Northern California

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

2000-2002	Assistant Professor	John F. Kennedy School of Government	Harvard University
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2008-2009	Adjunct Lecturer	Department of Population Medicine (formerly Ambulatory Care and Prevention)	Harvard Medical School and Harvard Pilgrim Health Care Institute, Boston, MA
<b><i>Other Professional Positions</i></b>			
1990-1992	Intern	Office of Congressman J. “Jake” Pickle	U.S. House of Representatives, Austin, TX
1994-1995	Health Policy Analyst	Division of Health Care Finance and Policy, Boston, MA	Commonwealth of Massachusetts
<b><i>Major Administrative Leadership Positions</i></b>			
2002-2005	Co-Director	Fellowship in Pharmaceutical Policy Research	Harvard Medical School
2012-2016	Co-Lead	Outreach and Collaborations Lead	National Cancer Institute-funded, Cancer Research Network, Division of Research
2013-2017	Co-Chair	Admin Steering Committee	Division of Research
2014-2021	Administrator	Health Disparities and Policy Grants Program	Division of Research
2020-2021	Chair	Appointments and Promotions Committee	Division of Research
2021-present	Assoc. Director	Cancer Health Equity and Engagement	Stanford Cancer Institute
2022-present	Assoc. Director	Stanford Impact Labs	Stanford University
2022-present	Assoc. Chair	Department of Health Policy	Stanford Medicine

## COMMITTEE SERVICE

### ***Local***

<b>Year(s)</b>	<b>Committee</b>	<b>Organization</b>
1999-2008	Health Policy PhD Program Member, Admissions Committee (1999-2004) Standing Member, Committee on Higher Degrees in Health Policy (2001-2008)	Harvard University
2000-2002	Member, Second Year Committee	Kennedy School of Government
2000-2008	Harvard Program on American Indian Economic Development Evaluator, Honoring Nations Program (1999-2007) Member, Faculty Advisory Board (2000-2008) Co-Chair, Inter-Faculty Working Group on Native American Health Policy (2003-2004)	Harvard University
2005-2008	Faculty Search Committee Member, Obesity Prevention Program (2005-2008)	Department of Population Medicine, Harvard Medical School & Harvard Pilgrim Health Care Institute
2008-2014	Disparities Workgroup Co-Chair, The Change Package, Kaiser Permanente Equity Summit (2011)	Kaiser Permanente
2009-2020	Search Committee Member, Biostatistics Investigator Search (2009) Member, Alcohol and Drug Health Services Investigator Position (2010) Member, Vaccine Safety Investigator Position (2011) Chair, Health Information Technology Investigator Position (2013) Member, Dissemination and Implementation Opportunity Hire	Kaiser Permanente Division of Research

	(2015) Chair, Associate Director, Behavioral Health, Infectious Disease, Aging (2020)	
2010-2012	Reviewer, Local Research Committee	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
2020-2021	Faculty Framework Task Force on Race Studies	Office of the Provost, Stanford University
2021-present	Faculty Advisory Board	Stanford Impact Labs
2021-2022	Cluster Hire Committee	Office of the Provost, Stanford
2021-present	Healthcare Policy Steering Committee	Human-Centered AI Institute (HAI), Stanford
<b><i>Regional</i></b>		
2008-2012	Health Families (State Children's Health Insurance program)	The California Managed Risk Medical Insurance Board
2014	Member, Advisory Committee on Quality Patient Engagement Issue Brief Reviewer	Maternity Care Initiative, State Health Care Innovation Plan, California Health and Human Services Agency
<b><i>National</i></b>		
2008	Member, Expert Panel: Health Disparities Agenda	Busch Foundation
2009	Expert Meeting Participant, Reducing Disparities in Healthcare Quality for Priority Populations using Health Information Technology	Agency for Healthcare Research and Quality
2010	Committee Member/Disparities Session Chair, 15th Biennial Economics Conference	National Institute for Mental Health
2009-2011	Member, Sounding Board, Improving Health Care Access in Native American Communities: What Can Tribes Do?	Native Nations Institute/ Kellogg Foundation
2009-2012	Member, Expert Panel: Patient Safety Practices	RAND Health
2012-2013	Annual Research Meeting	Center for Effectiveness and Safety Research, Kaiser Permanente
2013	Member, Conference Committee	Kaiser Permanente Division of Research
2013-2014	Co-chair, Mental Health Services Research Conference	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
2016-2020	Advisory Board, Healthcare Delivery Research Fellowship Program	National Cancer Institute/ AcademyHealth
2017-2019	Mentor, Health Policy Research Scholars Program	Robert Wood Johnson Foundation
2019-2021	Advisory Board, Stillman College Undergraduate Biomedical Academy (SCUBA)	Stillman College
2019-2023	Advisory Board, Examining Diversity, Recruitment and Retention in Aging Research	University of Maryland
2021-present	African American Initiative Advisory Committee	National Pancreas Foundation
2021-present	Supporting Age-Friendly Health Systems: Implementing and Disseminating Person-Driven Outcome Measures	National Committee for Quality Assurance (NCQA)

## PROFESSIONAL SOCIETIES

2000-2010	American Statistical Association Chair, Session on Healthcare Quality, The 8 <sup>th</sup> International Conference on Health Policy Statistics (2009)
2000-present	Academy Health Co-Chair, Disparities Theme, Annual Research Meeting (2015-2016) 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 (2019-2021) Board Member, Elected (2019-present) Co-Chair, Health Policy Dissemination and Implementation track, 12 <sup>th</sup> Annual Conference on the Science of Dissemination and Implementation Science (2019-2020)
2019	Member, Governance Committee, Board of Directors Vice Chair, Board of Directors (2020) Member, Committee on Advocacy and Public Policy (CAPP) (2021-2022)
2005-2008	American Diabetes Association Abstract Reviewer, Annual Research Meeting (2006)
2009-2013	Health Care Systems Research Network Co-Chair, Early Stage Investigator Awards, 2012 Annual Research Meeting (2012) Member, Conference Committee, 2013 Annual Research Meeting (2012-2013)
2014-2018	International Society for Pharmacoeconomics and Outcomes Research
2016-2018	Society for Medical Decision Making

## GRANT REVIEW ACTIVITIES

Year(s)	Activity	Organization
2004-2009	Native American Research Centers for Health Ad Hoc Reviewer (2004, 2008, 2009)	Indian Health Service
2007-2010	Community Networks Program Pilot Grants Ad Hoc Reviewer (2007, 2010)	National Cancer Institute
2007-2009	Translational Research for the Prevention of Diabetes Ad Hoc Reviewer (2007, 2009)	National Institute of Diabetes of and Control Diabetes and Digestive and Kidney Diseases
2009	ARRA Challenge Grants Ad Hoc Reviewer (2009)	Office of Minority Health
2010	Health Services Organization and Delivery (HSOD) Ad Hoc Reviewer (2010)	National Institutes of Health
2011-2013	Mental Health Services Research, Formerly: Mental Health Specialty Settings Standing Committee Member (2011-2013)	National Institute for Mental Health, National Institutes of Health
2013-2019	Health Services Organization and Delivery (HSOD) Standing Committee Member (2013-2019) Chair, Conflict Study Section (2018)	National Institutes of Health
2020	K99/00: Pathway to Independence Award Ad Hoc Reviews, Special Emphasis Panel (2020)	National Institute on Drug Abuse
2021	Alt. 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	Chair, DD21-003 Reducing Inequities in Cancer Outcomes through Community-Based Interventions on Social Determinants of Health	Centers for Disease Control & 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*

## AWARDS AND HONORS

Year(s)	Award	Organization
1988-1992	Texas Achievement Award (Academic Scholarship)	University of Texas
1995	Harvard University Graduate Society Summer Fellowship (Academic Scholarship)	Harvard University
1995-1999	Graduate School of Arts and Sciences Prize Fellowship (Academic Scholarship)	Harvard University
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	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

## FUNDED PROJECTS

### Current Funding

07/04/2023-07/03/2027	Co-I	NCI (Rehkopf)
<b>The Upstream Center: Income Interventions to Address the Fundamental Causes of Cancer Inequities</b>		
The UPSTREAM Research Center, working with policy makers and community partners, will advance the science and practice of antipoverty policies to prevent cancer in persistent poverty communities. Results from this work will lay the foundation for transformative approaches to address cancer prevention and control programs in the face of severe economic and social disadvantage through capacity building and sustainable partnerships with policymakers, state and local agencies and community partners.		
12/01/2023-11/30/2028	Co-I	NIDA (Owens)
<b>Making Better Decisions: Policy Modeling for AIDS and Drug Abuse</b>		
The major goals of this project are to conduct model-based studies that estimate the epidemiologic consequences of opioid use on HIV and HCV, including the benefits, harms, and resource use of opioid prevention and mitigation strategies. We will assess how best to reduce the incidence of HIV and HCV associated with opioid use and to improve quality of life for people with cooccurring HIV or HCV and opioid use disorder.		
06/01/2022-03/31/2026	Co-I	NIH (Rose) 1R01AG07794901
<b>Novel Algorithmic Fairness Tools for Reducing Health Disparities in Primary Care</b>		
This observational study seeks to elevate and prioritize health equity in the consideration and application of novel algorithmic tools in primary care.		
06/01/2022-05/31/2026	Co-I	NIH (Rossin Slater) R01AG077949
<b>Racial Bias in Risk Adjustment Algorithms and Implications for Racial Health Disparities: Evidence from Dual-Eligible Medicare/Medicaid Long-term Care Patients in New York</b>		

The objective of this project is to study the impact of the transition from fee-for-service to risk-adjusted managed care in Medicaid for dual-eligible Medicare/Medicaid long-term care patients, using data from New York state. We will be particularly interested in evaluating racial disparities in outcomes.

04/01/2022-03/31/2026

Co-I

NCI (Sakoda)

### **Multilevel Determinants of Racial/Ethnic Disparities in Lung Cancer Screening Utilization**

The application proposes to investigate the influence of multilevel factors on disparities in lung cancer screening (LCS) and smoking cessation referral.

06/01/2022-05/31/2027

Assoc Director

NCI

P30CA124435 (Artandi)

### **Stanford Cancer Institute**

The mission of this NCI-designated comprehensive cancer center is to support and coordinate the wide range of cancer-related activities — in basic, translational, clinical and population-based science — occurring at Stanford University, Stanford Health Care and Lucile Packard Children's Hospital Stanford.

06/01/2021–05/31/2024

Co-I

NIH (Lundebjerg)

1R25AG071488-01-SU

### **AGS/AGING Learning, Educating, And, Researching National Initiative in Geriatrics (“LEARNING”) Collaborative**

Through the AGS/AGING LEARNING Collaborative, we will design, implement, and widely disseminate an innovative, multi-disciplinary, clinical and translational geriatrics-relevant research curriculum to fill an important void in the training of translational and clinician-scientists.

07/01/2021 – 06/30/2026

MPI

NIDDK

P30DK092924(Schmittiel)

### **Diabetes Research for Equity through Advanced Multilevel Science Center for Diabetes Translational Research**

This Center leverages expertise in two Core Translational Research areas of health equity and methods and data integration and from a national diabetes policy resources core to accelerate the translation of diabetes research into changes in healthcare delivery, public health practice and policy.

07/01/2021 – 06/30/2024

Co-I

PCORI

DB-2020C2-20318 (Neugebauer)

### **Comparison of type 2 diabetes pharmacotherapy regimens using targeted learning**

This study is designed to help patients with type 2 diabetes and their clinicians: (a) identify which glucose-lowering medications have the most favorable effects on heart health and other patient-important outcomes, (b) inform the timing of medication initiation, and (c) identify whether medication benefits apply equally to all adults with type 2 diabetes, or may be different based on age, sex, race/ethnicity, baseline heart health status, baseline renal function, or other factors.

07/01/2021 – 05/31/2025

Contact PI/PI

NCI

7R01CA249127-02 (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.

02/01/2021-01/31/2024

Co-I

NIDDK

1R01AG067199 (Gilsanz)

### **Glycemic Control and Dementia: The Role of Pharmacotherapy and Vascular Complications**

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.

## **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**

08/01/2018-04/30/2023

MPI

NIA

R33AG057806 (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.

07/01/2020-07/31/2022

MPI

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.

03/01/2017 - 02/28/2022

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.

09/30/2019-08/31/2021

PI (thru 01/2020)/Co-I

NIA

2R56AG032249 (Neugebauer)

**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.

06/01/2019-01/29/2021

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.

09/01/2016 – 01/29/2021

Co-I

NIDDK

P30 DK092924-04 (Schmitttdiel)

**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.

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-I

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 the 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)  
(Schmittiel)

**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 CORBA 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

**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

NIDDK  
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.

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

Year	Level	Experience	Course
1996	Masters	Teaching Fellow	Empirical Methods for Decision Making I: Introduction to Statistics (10 hours per week)
1998	Masters	Teaching Fellow	The Economics of Project and Policy Evaluation (10 hours per week)
1998	Masters	Teaching Fellow	The Economics of Aging (10 hours per week)
1999-2000	PhD	Teaching Fellow	Core Seminar in Health Policy (10 hours per week)
2000-2002	Masters	Instructor	Seminar in Human Services, Health, Labor, Education, and Nonprofit Management (10 hours per week)
2013	Masters/PhD	Guest Lecturer	Healthcare Disparities, Berkeley School of Public Health (3 hours per week)
2019	PharmD	Guest Lecturer	University of North Carolina, Division of Pharmaceutical Outcomes and Policy seminar
2002-2008	PhD/Post Doc	Instructor	Seminar in Drug Policy Research Methods (5 hours per week)
2017-2019	Post Doc/MD	Guest Speaker	Seminar, Delivery Science Research Seminar
2019	MD	Guest Speaker	Kaiser Permanente Northern California Residency Elective in Health Policy course
2020	Residents	Virtual-Invited	Health Equity Science: Where have we been and where are we going? The

		Lecturer	Permanente Medical Group, Undergraduate and Graduate Medical Education Open House, October 27, 2020
2022	MD/PhD	Invited Lecturer	Assessing Novel Approaches for Promoting Inclusion in Pragmatic Trials, November 2, 2022, Research Centers for Minority Aging Research Pre-Meeting

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

2001	CME Lecture	Prescription Drugs and the Elderly Boston, MA	Division on Aging, Harvard Medical School
2010-2011	Drug Safety Research Methods	Data Resources and Methods Oakland, CA (webinar)	Kaiser Permanente Center for Effectiveness and Safety Research
2010	Disparities Exchange Forum	Disparities in Chronic Disease Control: What Can Health Systems Do? Oakland, CA (webinar)	CMI, Kaiser Permanente
2011	The Equity Summit	The Change Package South San Francisco, CA (webinar)	Kaiser Permanente
2012	National Quality Conference	Modifiable Determinants: Antihypertensive Adherence Anaheim, CA	Kaiser Permanente
2013	TPMG Disparities Symposium	Modifiable Determinants of Disparities and Promising Interventions	Division of Research
2020	Virtual-Invited Lecture Health Policy Elective CME	A short history of healthcare in the U.S.	The Permanente Medical Group Residency Program
2022	HBCU-Stanford & Engagement Diversity in Biomedicine Think Tank Conference	Advancing Health Equity through Research	Stanford University
2022	Radiology Retreat	Equity effects of real world natural experiments to improve access to clinically essential treatments for cancer patients	Stanford Cancer Institute
2022	Annual Retreat	Policy Strategies for Addressing Cost-Related Barriers to Cancer Treatment	Stanford Cancer Institute
2022	Faculty Research Meeting	Equity effects of real world natural experiments to improve access to clinically essential treatments for diabetes	Epidemiology & Population Health, Stanford Medicine
2022	Annual Retreat	Equity effects of real world natural experiments to improve access to clinically essential treatments for diabetes	Pediatrics Stanford Medicine
2022	Population Sciences Retreat	Evaluating Policy Strategies for Addressing Cost-Related Barriers to Cancer Treatment: Research Approaches	Stanford Cancer Institute

### TRAINEES AND FELLOWS SUPERVISED

Over my career, I have mentored or trained 27 individuals as a primary mentor, including 10 predoctoral and 17 post-doctoral candidates.

Year(s)	Mentee	Affiliation	Description
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 <i>JAMA</i>
2001-2002	Tova Serkin, BA	Education Department,	Supervised Ms. Serkin's undergraduate thesis on health

		Jewish Agency, Israel	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
2002-2014	Connie Mah Trinacty, PhD	Senior Scientist, Queen's Hospital, 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	Marcia A. Valenstein, MD Collegiate Professor, Psychiatry, Professor, Health Management and Policy, 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 <i>JAMA</i>
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 <i>BMJ</i> .
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.
2007-2009	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-present	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	Cassandra Marshall, PhD	Assistant Professor, Public Health, UC Berkeley	I co-mentored Dr. Marshall during her third year of fellowship.
2017-2020	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.
2017-2020	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
2019-2020	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
2019-2020	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.
2021-present	Adela Wu, Resident	Stanford University, School of Medicine	I am serving as a mentor to Dr. Wu on her career development award.
2021-2023	Keely Elizabeth Fuller, MS Candidate	Stanford University	I served as a mentor to Ms. Fuller when she was a health policy fellow and continued on as an advisor on her master's thesis
2022-present	Tainayah Thomas, PhD	Assistant Professor, Stanford University	I serve as a primary mentor to Dr. Thomas, who is an assistant professor in epidemiology and population health
2022-present	Nerissa Nance, PhD Student	University of California at Berkeley	I serve as an advisor on Ms. Nance's dissertation, which addresses the comparative effectiveness and real world uptake of new diabetes medications.

### Invited Seminars for Students and Post Docs

2020	Delivery Science Research in Health Care Disparities: Barriers and Opportunities, Delivery Science Seminar Series, Kaiser Permanente Division of Research, September 10, 2020 (virtual)
2021-2022	addressing Disparities in Chronic Disease Treatment Outcomes, HUMBIO 2B, November 9 (Invited oral presentation)
2021	Optimizing treatment outcomes in marginalized populations, Stanford Students in Biodesign Spring Conference, May 29, 2021 (Invited oral presentation)
2021	Faculty, 2021 Training Institute in Dissemination and Implementation Research in Cancer (TIDIRC), National Cancer Institute, (Virtual Course).
2021	A Career in Health Equity Research , Black Health Professions Organization (Virtual) Shadowing Event, University of Texas at Austin, April 7, 2021 (Oral Presentation)
2021	Health Policy and the Fight for Equitable Healthcare Outcomes: Why Access Isn't Enough, Tufts Medical Center-CEVR Virtual Health Policy Seminar, Tufts University (Virtual), May 11, 2021 (Guest lecturer)

- 2021 Advancing Health Equity Research: The Critical Role of Community Engagement, University of Maryland Baltimore, PhD Program in Gerontology, May 14, 2021 (Guest lecturer)
- 2022 Disparities in Clinical Trials and Access to Care, Cancer Biology CBIO 242, April 21, 2022 (Guest Lecturer)
- 2022 Advancing Health Equity Research: The Critical Role of Community Engagement, CHPR201 Introduction to the Science of Healthy Living, Stanford University, November 15, 2022 (Guest Lecturer)
- 2023 Policy Strategies for Addressing Disparities in Health Outcomes: Diabetes, CCSRE Seminar Series, February 16, 2023 (Guest Lecturer)

## **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.
- 2020 Strategies for Inclusion of Underrepresented Populations in Pragmatic Trials: The Diabetes Telephone Study Example, Aging Across the Lifespan II, Live Stream Webinar, National Institutes of Health: 1,123 participants from 13 different countries; the archived videocast has been watched 158 times, the pre-recorded videos that were posted on YouTube have over 900 views, September 2, 2020 (Panelist)

2020	Responding to a Shifting Paradigm for Health Policy Research: Lessons for the Larger Public Policy Community, APPAM Fall Virtual Research Conference Roundtable, November 13, 2020 (Virtual: Invited Panelist)
2021	Health Policy and the Fight for Equitable Healthcare Outcomes: Why Access Isn't Enough, Philip R. Lee Institute for Health Policy Studies Health Policy Grand Rounds, UCSF (Virtual), April 21, 2021 (keynote speaker)
2021	Health Policy and the Fight for Equitable Healthcare Outcomes: Why Access Isn't Enough, Health Policy Research in Progress Seminar, Tufts Medical Center-CEVR Virtual Health Policy Seminar, May 11, 2021 (Oral presentation)
2021	Health Policy and the Fight for Equitable Healthcare Outcomes: Why Access Isn't Enough, Health Policy Research in Progress Seminar, Stanford School of Medicine, Department of Medicine (Patient Centered Outcomes Research), May 14, 2021 (Oral presentation)
2021	Improving Equitable Health Outcomes in Diabetes: Catalyzing Transdisciplinary Scientific Collaborations to Transform Practice and Policy, Stanford Diabetes Research Center, Seminar, May 21, 2021 (Invited oral presentation)
2021	Advancing Health Equity and Antiracism in Health Services Research, Virtual Health Equity Summit, June 3, 2021 (Invited Panelist); 8,300 participants
2021	Hardwiring Equity Science into Population Health Research, Health Equity Science Symposium, Centers for Disease Control and Prevention, November 2021 (Invited Speaker)
2022	Equity Effects of Real World Natural Experiments to Improve Access to Evidence-based Treatments for Diabetes, Health Equity Seminar Series, Center for Diabetes Translational Research, University of Michigan, February 22, 2022 (Invited Speaker)
2022	Equity Effects of Real World Natural Experiments to Improve Access to Clinically Essential Treatments, Stanford Diabetes Research Center, 6 <sup>th</sup> Annual Frontiers in Diabetes Research Symposium, Stanford Medicine, April 13, 2022 (Keynote Speaker)
2022	Equity Effects of Real World Natural Experiments to Improve Access to Clinically Essential Treatments, Department of Population Medicine, Harvard Medical School, April 13, 2022 Invited Speaker)
2023	Policy Strategies for Addressing Disparities in Chronic Disease Treatment Outcomes: Why Access Isn't Enough, April 11, 2023 (Visiting Professor)

## **EDUCATION OF PATIENTS, POLICY MAKERS AND SERVICE TO THE COMMUNITY**

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)
2008-2020	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
2008-2020	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

- 2021 Keynote Speaker, Advancing Health Equity Research: The Critical Role of Community Engagement, 9th Annual Community Health Symposium, Stanford University, March 31, 2021 (Virtual: <https://bit.ly/OCEYouTube>)
- 2022 Improving Neuropathy Outcomes among Adult Cancer Patients Webinar—Zero Breast Cancer, April 27, 2022 (Virtual: <https://www.youtube.com/watch?v=KU2DK54rtYE&t=384s>)
- 2022 AI in Healthcare, Stanford Human-centered Artificial Intelligence, Stanford HAI Congressional Staff AI Bootcamp, August 10, 2022 (invited panelist)
- 2022 Ethics in the Application of AI in Health Care, General Services Administration’s AI Community of Practice meeting, October 11, 2022 (invited panelist) [220 federal employees; highest attendance of all five HAI training sessions for GSA]
- 2022 Health Disparities in Pancreas Disease  
Pancreas Disease and the Black Community: Toward a Personalized Medicine Experience  
October 12, 2022 (Virtual: <https://www.youtube.com/watch?v=T6Xt9fTzk40>)

## EDUCATIONAL MATERIAL FOR PATIENTS, LAY COMMUNITY AND POLICYMAKERS

**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.

A Black/African American’s Guide to Pancreas Disease. National Pancreas Foundation,  
<https://editions.mydigitalpublication.com/publication/?m=67371&i=736339&p=2&ver=html5>

**Adams, AS.** Stanford Human-centered Artificial Intelligence, HAI Signature Presentation, (invited video presentation): Ethics in the Application of AI in Health Care.

### 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

## SCHOLARSHIP

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

1. **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.
2. **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.
3. **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.
4. 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

1. **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.

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### **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