

Curriculum Vitae

Date Prepared: October 2019

Name: Benjamin Lê Cook, Ph.D. M.P.H.

Education

1995	B.A.	Psychology	Swarthmore College
2000	M.P.H.	Health Behavior and Health Education	University of North Carolina-Chapel Hill
2006	Ph.D.	Health Policy (Thomas McGuire)	Harvard University

Faculty Academic Appointments

2008-2012	Instructor	Psychiatry	Harvard Medical School
2012-2018	Assistant Professor	Psychiatry	Harvard Medical School
2018-	Clinical Adjunct Assistant Professor	Psychiatry and Behavioral Sciences	Albert Einstein College of Medicine
2018-	Associate Professor	Psychiatry	Harvard Medical School

Appointments at Hospitals/Affiliated Institutions

2008-	Senior Scientist	Psychiatry	Cambridge Health Alliance
2016-	Research Scientist	Division of General Pediatrics	Children's Hospital Boston
2018-	Adjunct Clinical Assistant Professor	Department of Psychiatry and Behavioral Sciences	Montefiore Medical Center

Other Professional Positions

1997-1998	Health Educator	UNC-Chapel Hill School of Public Health
1998	Health Education Specialist	Prospect Hill Community Health Center
1999-2001	Director of Program Improvement	Health Care for All
2001-2003	Consultant	Massachusetts Department of Public Health
2002-2005	Research Assistant	National Bureau of Economic Research
2003-2007	Research Assistant	Harvard Medical School, Department of Health Care Policy
2006-2007	Researcher	Mathematica Policy Research, Inc.

Major Administrative Leadership Positions

Cambridge Health Alliance

2015-	Director, Health Equity Research Lab, Department of Psychiatry, Cambridge Health Alliance
2015-	Director, Center for Multicultural Mental Health Research, Department of Psychiatry, Cambridge Health Alliance
2015-	Director of Research, Department of Psychiatry, Cambridge Health Alliance
2018-	Director, PRIME Center for Health Equity Research, Department of Psychiatry and Behavioral Sciences, Montefiore Medical Center/Albert Einstein College of Medicine

Committee Service

Local

HMS Psychiatry Research Committee	11/2009-	Cambridge Health Alliance Representative
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Professional Societies

2005-	Academy Health	Member, Disparities Interest Group
2017	Academy Health	Disparities Theme Leader
2007-	American Society of Health Economics	Member
2007-	International Health Economics Association	Member
2008-	American Public Health Association	Member, Statistics Section
2010-	National Hispanic Science Network on Drug Abuse	Member

Grant Review Activities

2009	National Institute of Mental Health	Invited Ad Hoc Reviewer, RFA-OD-09-003 Challenge Grants
2009	National Institutes of Health, Center for Scientific Review, Population, Science, and Epidemiology Integrated Review Group	Invited Ad Hoc Reviewer, PSE-L (53) BRDG-SPAN and Catalyst ARRA Study Section
2/2011	National Institute of Mental Health	Invited Ad Hoc Reviewer, ZMH1 ERB-B (02) – Fellowships and dissertation grants
3/2013	National Institute of Mental Health	Invited Ad Hoc Reviewer, ZMH1 ERB-B (03) – Fellowships and dissertation grants
6/2013	National Institute of Mental Health	Invited Ad Hoc Reviewer, ZMH1 ERB-B (04) – Fellowships and dissertation grants
12/2013	National Institute of Mental Health	Invited Ad Hoc Reviewer, ZMH1 ERB-K (01) – Fellowships and dissertation grants
3/2014	National Institute of Mental Health	Invited Ad Hoc Reviewer, ZMH1 ERB-B (04) - Fellowships and dissertation grants
6/2014	National Institute of Mental Health	Invited Ad Hoc Reviewer, ZMH1 ERB-B (05) - Fellowships and dissertation grants
10/2014	AcademyHealth	New Investigator Small Grant Program Invited Ad Hoc Reviewer
3/2015	National Institute of Mental Health	R25 - Invited Ad Hoc Reviewer,
10/2015	AcademyHealth	New Investigator Small Grant Program Invited Ad Hoc Reviewer
11/2015	National Institute of Mental Health	R25 - Invited Ad Hoc Reviewer
2/2017	National Institute of Mental Health	SERV Study Section Ad Hoc
10/2017-10/2019	National Institute of Mental Health	SERV Study Section Standing Member

Editorial Activities

Ad hoc reviewer

Journal of Health Economics (2005,2015)

Health Services Research (2008-)
Medical Care Research and Review (2008-2009)
Social Psychiatry and Psychiatric Epidemiology (2009)
Journal of General Internal Medicine (2009-)
Progress in Community Health Partnerships (2009)
Public Administration Review (2010)
Journal of Mental Health Policy and Economics (2010-)
Journal of Health Care for the Poor and Underserved (2010-)
Health Affairs (2011-)
Journal of Nervous and Mental Disease (2011)
Administration and Policy in Mental Health and Mental Health Services Research (2011-)
Psychiatric Services (2012-)
Milbank Quarterly (2012-)
Journal of Clinical Psychiatry (2012)
JAMA Psychiatry (2013)
Journal of Immigrant Health (2013-)
BioMed Center Health Services Research (2013)
International Journal of Public Health (2013-)
Medical Care (2013-)
Annals of Applied Statistics (2014)
Journal of Immigrant and Minority Health (2014-)
Nicotine and Tobacco Research (2014)
New England Journal of Medicine (2014)
British Medical Journal (2015)
Public Library Of Science One (2016)
Arthritis Care and Research (2016)
JAMA Pediatrics (2016)
American Journal of Geriatric Psychiatry (2016)
PLOS One (2018)
Depression and Anxiety (2018)

Other Editorial Roles

2009-present Editorial Board Member, Medical Care Research and Review
2019-present Editorial Board Member, PLoS One

Honors and Prizes

1995-1996	J. William Fulbright Scholarship	Institute for International Education	Teaching Fellowship, Suncheon High School, South Korea
1998	Kathryn J. Kerr Memorial Scholarship	UNC-Chapel Hill School of Public Health Department of Health Behavior and Health Education	Demonstrated commitment to community health education practice
2001-2003	Fellow	Agency for Healthcare Research and Quality	
2003-2004	Fellow	Alfred P. Sloan Foundation	

2004-2005	Fellow	National Institute of Mental Health	
2005-2006	Trainee	National Center for Minority Health and Health Disparities Center of Excellence Training Grant	
2007	AcademyHealth Dissertation Award	AcademyHealth	Best health policy dissertation of the year
2010	Finalist, AcademyHealth Paper of the Year	AcademyHealth	“Measuring Trends in Racial and Ethnic Disparities in Health Care”: one of five finalists
2010	Travel Award and Certificate: 15 th Biennial Mental Health Economics Conference	National Institute of Mental Health	Most Innovative Early Stage Investigator Abstract
2015	AACAP Outstanding Mentor Award	American Association of Child and Adolescent Psychiatry	
2017	Young Mentor Award	Harvard Medical School	
2018	CHA Academic Council Award	Cambridge Health Alliance	
2018	IJPH Best Paper Award	International Journal of Public Health “Environmental and health equity” special issue	“Health inequality and community-based health insurance: a case study of rural Rwanda with repeated cross-sectional data”

Report of Funded and Unfunded Projects

Funding Information

Past

1995	Gang prevention program with Vietnamese-American youth in Washington, DC area. Swarthmore College Foundation Grant PI, \$2,500
1998	Provided counseling and activities to Vietnamese junior high and high school students Student Action with Farmworkers Internship, Photo Voice project with North Carolina farmworkers. \$2,000
2006-2010	NLAAS II: Unraveling Differences for Clinical Services, Grant Number: U01 MH-06220 (Alegría, PI), Co-Investigator National Institute of Mental Health Lead researcher on project identifying “hot spots” of mental health treatment disparities, identifying community correlates of mental health service disparities, and assessing the long-term social consequences of early onset mental health disorder.
2007	Robert Wood Johnson Foundation, “Exploring SCHIP Retention. When do children leave and who becomes uninsured.” (Trenholm, PI), Co-PI, \$67,194 Direct.

- Quantitative and qualitative evaluation of efforts by states to improve retention and enrollment in the SCHIP program.
- 2007-2011 Advanced Disparities Center for Latino and Mental Health Systems Research, Grant Number: P50 MHO 73469: (Alegría, PI), Co-Investigator
National Institute of Mental Health
Assessed relationship between comorbidities and provider recognition of mental illness. Conducted quantitative analyses of national datasets to improve service delivery models and interventions for racial and ethnic minorities.
- 2008-2009 Provided information to policymakers and clinicians to improve depression care
RWJ K23-DA018715 (Alegría, PI), Co-Investigator
Lead researcher on project identifying disparities in mental health care among those that spend the most mental health care resources and the role of insurance status, English language proficiency, mental health status, and socioeconomic characteristics in contributing to mental health care disparities.
- 2008-2010 Innovations in the measurement of racial/ethnic disparities in mental health care, Grant Number: **R03 MH-082312 (Cook, PI)**, Principal Investigator
Direct \$95,000, Indirect \$68,174
Principle Investigator and lead researcher on projects related to improving methods of disparities measurement, with applications to medical care expenditures, mental health care expenditures, outpatient and inpatient care, and psychotropic medication.
- 2009-2011 Antidepressant Use and Suicide, Grant Number: R01 MH080883
(Busch, PI), Co-Investigator
National Institute of Mental Health
Led the development of the research design and analytical methods, and interpretation of findings on papers related to assessing trends in racial/ethnic disparities in youth antidepressant use and treatment patterns for depression, and the differential impact by race/ethnicity of the FDA action on antidepressant use.
- 2009-2013 University of Puerto Rico/Cambridge Health Alliance Research Center of Excellence, Grant Number: P60 MD002261
(Canino/Alegría PIs), Co-Investigator
National Center for Minority Health and Health Disparities
Lead researcher on substance abuse treatment disparities measurement and pathway identification; Collaborated with other Center researchers in identifying disparities in unmet need for substance abuse services.
- 2009-2013 Reducing Ethnic and Racial Bias in Screening for Psychiatric Disorders in Adolescents, Grant Number: RC1MD004588 (Alegría, PI), Co-Investigator
National Institute of Mental Health
Participated as co-investigator in studies improving the effectiveness of identification, referral and screening for mental health disorders potentially associated with ethnic/racial disparities in adolescents' receipt of mental health care.
- 2010-2013 Understanding Mechanisms of Mental Health Care Episodes, Grant Number: **R01MH091042 (Cook, PI)**, Principal Investigator
National Institute of Mental Health, Direct \$588,245, Indirect \$273,000
Led projects providing direct, easily understandable information about the mechanisms underlying mental health care service disparities, including estimating disparities in mental health care episodes, area-level correlates of mental health service use, and generating a report card/index of disparities in states' mental health care expenditure and quality.

- 2011-2013 Understanding Mechanisms of Mental Health Care Episodes, Grant Number: **R01MH091042-S1 (Cook, PI)**, Principal Investigator, National Institute of Mental Health, Direct \$132,932, Indirect \$80,756. Supplement to R01MH091042; developed a mental health care disparities index for state mental health care report cards; disseminated results of the index using web-enabled interactive maps; conducted qualitative research eliciting feedback on report card results from state policymakers.
- 2013 Understanding Smoking Use, Preferences, and Treatment among Individuals with Mental Illness. **Milton Foundation. (Cook, PI)**, Direct \$40,000. Led projects to measure trends in smoking between 2000 and 2011 among individuals with mental illness, how these trends differ by race/ethnicity and gender, and identified how provide advice on smoking cessation varies between those with and without mental illness.
- 2013-2015 Effectiveness of DECIDE in Patient-Provider Communication, Therapeutic Alliance & Care Continuation, Grant Number: CD-12-11-4187, Co-Investigator (Alegría, PI) Patient-Centered Outcomes Research Institute, Assist in the evaluation of the effectiveness of a patient engagement intervention.
- 2015 Harvard Catalyst Disparities Program Enrichment Award, **(Cook, PI)** (\$2500). Lead project to apply natural language processing software to psychiatric electronic medical records in order to predict psychiatric readmissions for racial/ethnic minorities.
- 2013-2015 The Effect of Medicare Advantage Enrollment on Access, Costs and Quality of Mental Health Care for the Elderly in Need of Mental Health Care, Grant Number: P30 AG024409-09, Pilot Grant Awardee, (Bloom, PI), National Institute of Aging, (Direct \$31,677, Indirect \$19,020). Led project to identify the impact of Medicare Advantage enrollment on any use of mental health care, mental health care expenditures, and mental health care quality.
- 2014-2015 NIMH Office for Research on Disparities and Global Mental Health (ORDGHM), **Lead Consultant**, (\$10,000), Systematic review of mental health care disparities literature.
- 2012-2015 A Collaborative Practice Model for Improving Pediatric Mental Health Value Making Health Care Affordable: Preserving Access and Improving Value, Blue Cross Blue Shield Foundation. **(Cook, Co-PI)** (Direct \$375,000). Led quantitative analyses to identify determinants of expense for high cost pediatric patients so that quality improvements and cost reductions can be appropriately targeted. Led evaluation of an active consultation intervention with providers and families of youth with the highest mental health care expenditures.
- 2015-2016 Evaluation of the Cambridge Health Alliance Health Integration Program Behavioral Health Home, Cambridge Health Alliance, **(Cook, PI)** (\$77,000) Led project evaluating physical and behavioral health outcomes of integrated care project located in a clinic treating patients with severe mental illness.
- 2015-2016 NIMH Office for Research on Disparities and Global Mental Health (ORDGHM), **Lead Consultant**, (\$5,000), Guidance to Office on future research directions based on a systematic review of mental health care disparities literature.
- 2016 Harbor Health Services, Inc., Primary Care Behavioral Health Integration Model at Health Services and Resources Administration. **(Cook, Co-PI)** – (Direct \$25,000/3 months) A mixed methods evaluation of an initiative integrating mental health and primary care across four primary care health centers in the Boston/Cape Cod area.
- 2016 Systematic Review of the Intersection of Mental Health, Education, and Criminal Justice for Boys and Men of Color, The Center for the Study of Race and Equity in Education and Equal Measure/Research, Integration, Strategies, and Evaluation (RISE) for Boys and Men of Color, **(Cook, PI)** – (Direct Costs \$39,555/9 months). Literature review assessing and

- describing the current landscape of research regarding the intersection between education, mental health, and criminal justice among boys and men of color. In assessing the quality of these studies and publications, we determined the interventions, programs, and policies most effective at preventing or alleviating negative public health outcomes or most successful at promoting the well-being of young men of color.
- 2012–2017 Effects of Social Context, Culture, and Minority Status on Depression and Anxiety NIMH/ R01MH098374 Co-Investigator (Alegría PI). Investigated the long-term effects of early experiences of minority status and acculturation on Latino young-adult mental illness. Identified the individual, family and neighborhood-level factors to target for interventions to prevent the onset of major depression disorder and anxiety and depressive symptoms in minority youth and young adults.
- 2013-2017 International Latino Research Partnership, Grant Number: R01 DA034952 (PI Alegría) Co-Investigator, National Institute of Drug Abuse. Developed an international partnership and research collaboration across research centers in Barcelona, Madrid and Boston. Led efforts to harmonize data across research sites that enable comparative studies of behavioral health quality. Provided support to the evaluation of a screening and randomized clinical trial across sites that test the effectiveness of a combination mental health and substance abuse treatment therapy.
- 2013-2017 Comparative Effectiveness Research Diffusion and Mental Health Care Disparities Agency for Healthcare Research and Quality / R01 HS021486, (**Cook, PI**) (Direct \$505,087, Indirect \$242,433). Led projects to track changes in antidepressant use among youth and antipsychotic drug use among youth and adults by racial/ethnic group as they were influenced by FDA risk warnings and advisories, and to identify how provider characteristics and HMO membership act as mechanisms that underlie the differential diffusion of comparative effectiveness research via health risk warnings.
- Current**
- 2016-2020 Improving Methods of Incorporating Racial-Ethnic Minority Patients' Treatment Preferences into Clinical Care. Patient Centered Outcomes Research Institute (PCORI), Improving Methods for Conducting Patient-Centered Outcomes Research **PCORI ME-1507-31469 (Cook, PI)** – (Direct Costs \$257,981, Indirect \$103,192 per year). This project proposes to develop a novel, generalizable patient-centered method to more accurately measure diabetes care preferences - particularly among racial/ethnic minorities - that accounts for the underlying reasons for those preferences. We devise a preferences elicitation method for type II diabetes that combines conjoint analysis with measurement of prior healthcare experiences and socio-cultural factors to more fully describe the influence of patient preferences and racial/ethnic health care disparities.
- 2017-2019 Identifying Gender Minority Health Disparities in Medicare Claims Data, Grant Number: R03 MD012334-01, Progovac (PI), Co-Investigator, NIMHD. This project proposes to measure gender minority healthcare disparities by adapting methodology previously developed to accurately characterize racial/ethnic disparities and then to quantify what portion of the observed disparity is explained by factors such as race/ethnicity, SES, neighborhood composition, and healthcare supply in order to improve our ability to target disparities and track progress toward reducing them.
- 2018-2019 Stress (Early Childhood and Politically-Related) and Health/ Social Determinants of Toxic Stress and Resilience and the Developing Child

- 2018-2019 Kellogg Foundation (Williams PI), Co-Investigator. This project is focused on identifying the social and physical environments that create adverse circumstances for children and the social stressors (including racial/ethnic discrimination and immigrant stressors) and resilience resources that determine the levels and impact of biological dysregulation. Limited English Proficient Patient Safety through Patient Portal Accessibility. CRICO (Marlin PI), Co-Investigator. This project will assess the effects of having patients with limited English proficiency receive and deliver messages to their providers in Spanish using the Cambridge Health Alliance's patient portal system.
- 2016-2020 Enhancing Systems of Care: Supporting Families and Improving Youth Outcomes, Grant Number: 1H79SM063423-01, Grimes (PI), Co-Investigator, Substance Abuse and Mental Health Services Administration. This project aims to create an enhanced system of care for families with children receiving primary care at CHA and who have, or are at-risk for Severe Emotional Distress and reside in Middlesex County. We intend to expand collaboration among schools and state agencies in CHA's catchment area to create intensively integrated services within primary care, focusing on child trauma, and to expanded access to MH/SA care.
- 2017-2022 Medicare Policy Effects on Mental Health Care Disparities. **NIH/NIMHD R01 (MPIs Cook and Vicki Fung)** – (\$389,417 direct costs, \$241,438 indirect costs per year for 5 years). This project will assess the impact of changes in Medicare payment and cost-sharing policies on racial/ethnic disparities in the care of low income beneficiaries with mental health conditions. Specifically, we will estimate the impact of provider payment increases and mental health provider cost-sharing reductions on racial/ethnic disparities in medical care and quality process measures, clinical events and outcomes, and medical spending.
- 2017-2019 Evaluation and Dissemination of a Juvenile Justice Diversion Program Miller Innovation Fund (Barrett PI), Co-Investigator. The project will conduct a qualitative evaluation of the Safety Net Collaborative training to measure Safety Net's initial success in changing knowledge and attitudes. Also, the project will conduct an evaluation of Safety Net's impact on educational, social and criminal justice outcomes. The project will also manualize the current training curriculum and protocols for system linkages so that it can be readily disseminated to other cities and towns.
- 2017-2022 Medicaid Payment Policy and Access to Care for Dual Eligible Beneficiaries Agency for Healthcare Research and Quality / R01 HS024725 (Fung PI)
This project will assess the impact of primary care provider (PCP) payment policy on outpatient care, clinical events, and medical spending, with a focus on dual-eligible Medicare-Medicaid beneficiaries. We will assess the effects of temporary increases in Medicaid payment rates for PCPs in 2013 and 2014 that were mandated by the Affordable Care Act (ACA). We will use the natural experiment created by the ACA and comprehensive datasets to provide timely information on the impact of increasing provider payments for low-income patients, with a focus on vulnerable dual-eligibles.
- 2019-2023 Impact of State Policies on Smoking among Individuals with Substance Use Disorder, **NIH/NCI R01, PI Cook** (\$316,852 Direct, \$202,785 Indirect per year for 4 years). We propose to assess the impact of expanded coverage of TDT in Medicaid as well as tobacco excise taxes on use of TDT services, smoking intensity, and quit rates for smokers with SUD; we further propose to assess the combined effect of Medicaid coverage of TDT alongside excise taxes on these outcomes.

Pending

2019-2023 Medicaid Value Based Payment Models and Healthcare Equity for Adults with Serious Mental Illnesses **NIMH R01, Cook / Horvitz-Lennon MPI** (\$489,423 direct, 223,955 indirect per year for 4 years)
This project proposes to analyze Medicaid claims from Oregon and New York to evaluate the impact of value-based-payment models on racial/ethnic disparities in physical and mental health treatment access, quality, effectiveness, and costs for patients with serious mental illnesses.

Training Grants and Mentored Trainee Grants:

Past

2010-2013 Mentorship for Robert Wood Johnson New Connections Faculty Development Program (Alegría, PI), Robert Wood Johnson Foundation
Intensive methodological training and mentorship of junior racial/ethnic minority junior faculty members participating in the RWJ New Connections program.

2014-2015 NIDA-AACAP research fellowship
Mentor for Dr. Justine Wittenauer (Direct and Indirect \$16,300)

2015-2016 New Connections: Increasing Diversity of RWJF Programming
Robert Wood Johnson Foundation
(**Cook, PI**) (Direct and Indirect \$101,000 total).
Led project to supporting a mentoring and training program for RWJF’s New Connections grantees, alumni and network.

Report of Local Teaching and Training

Teaching of Students in Courses

1993-1994	Teaching Assistant, Introduction to Statistics, ~100 undergraduate students	Swarthmore College Approximately 5 hours per week of preparation and contact with students during office hours.
2002-2003	Course Assistant, Introduction to Statistics for Leaders. Students applying for a Masters in Public Policy or Masters in Public Administration [80 students]	Harvard JFK School of Government Approximately 10 hours per week from September to December of 2002 and 2003
2005	Teaching Assistant, Politics and Strategies for Change in Health Policy. Predominantly students studying for a Masters in Public Health, including a small number of physicians [40 MPH, MPH/MD students].	Harvard School of Public Health Approximately 10 hours per week from February 2005 to April 2005.
2010	Guest Instructor/Mentor, Advanced Topics in Health Policy [30 Undergraduate students]	Harvard University Department of Government. One two hour lecture and mentor to five students on final project.
2014-2016	Course Instructor (Co-teaching with Sheila Burke), SUP-500 Introduction to U.S. Health Care Policy	Harvard University J.F.K. School of Government. Semester course: 2 hours per week from September to December. Approximately 40 students.

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

2000-2001	Instructor, Patient-Doctor Society	Tufts University Medical School
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	10 medical students	Approximately 5 hours per week to prepare for class, grade papers, and facilitate/lead discussion section. Ten 1.5 hour sessions per year.
2008-present	Lecturer, “Introduction to Research Methods”, Clinical Scholarship and Research Literacy Seminar	Cambridge Health Alliance – Essential Statistical Methods seminar for psychiatry clinical fellows (directed by Dr. Nicholas Carson). Two 1.5 hour sessions per year.
2010	Lecturer, Psychology Division Public Policy and Multicultural Seminar	Cambridge Health Alliance – Lecture/discussion on mental health care disparities for Psychology Interns and Fellows. One hour session.
2012	Lecturer, “Improving Integrated Behavioral Health and Primary Care for Immigrants.”	Harvard Psychiatry Residents’ Day: Integration of Behavioral Health and Primary Care – Present and Future. McLean Hospital. 1 hour session
2013	Co-Instructor, “Introduction to Research Methods”, Clinical Scholarship and Research Literacy Seminar	Cambridge Health Alliance –for psychiatry clinical fellows (with Dr. Laurie Gray). Two 1.5 hour sessions during summer session.
2015	Lecturer, “Electronic Health Records and Big Data.”	Harvard Psychiatry Residents’ Day, McLean Hospital. 1 hour session.
2017	“Disparities in Mental Health and Mental Health Care; and Serious Mental Illness.”	HMS Department of Psychiatry Resident’s Day. McLean Hospital. 1 hour session.

Laboratory Research and Other Supervisory and Training Responsibilities

2009-2011	Supervision of post-doctoral fellow Center for Multicultural Mental Research, Cambridge Health Alliance 1 hour/weekly mentorship for 12 months
2010	Supervision of Masters of Public Policy candidate Heller School of Public Policy, Brandeis University 2 hours/monthly mentorship for 5 months
2010	Supervision of MD MPH Candidate Harvard School of Public Health 4 hours/monthly mentorship for 4 months
2010-2013	Supervision of Undergraduate Research Florida State University 1 hour/weekly mentorship for 12 months
2010	Supervision of Harvard Catalyst Translational Research Internship Harvard Medical School 1 hour/daily mentorship for 3 months
2010-present	Supervision of Child Psychiatry Fellows for their research projects Cambridge Health Alliance 1 hour/monthly mentorship for 6 months for each of one to two fellows per year as assigned
2011-2013	Supervision of two New Connections Trainees Robert Wood Johnson Foundation

- 2013-present 1 hour/weekly mentorship for 8 months
Supervision of Adult Psychiatry Residents for their research projects
Cambridge Health Alliance
1 hour/monthly mentorship for 6 months for each of one to two residents per year as assigned
- 2015-2017 Supervision of NIMH post-doctoral fellow
Health Equity Research Lab, Cambridge Health Alliance
1 hour/weekly mentorship for 24 months
- 2017-present Supervision of Cambridge Health Alliance / HMS post-doctoral fellows
Health Equity Research , Cambridge Health Alliance
One fellow recruited per year: 1 hour/weekly mentorship for 12 months
- 2017-2020 Supervision of NIAA post-doctoral fellow
Health Equity Research Lab, Cambridge Health Alliance
1 hour/monthly mentorship for 36 months

Mentored Trainees and Faculty

- 2009-2015 Marta Goncalves, PhD
Current: Researcher, Centro de Investigacao e Intervencao Social, Instituto Universitario de Lisboa, Portugal
Career stage: Internship, Center for Multicultural Mental Research
Mentoring role: Supervisor, mentoring to improve quantitative methods.
Accomplishments: Published manuscript entitled, “Retention in mental health care of Portuguese speaking patients” in *Transcultural Psychiatry* and 4 other published manuscripts [RI #29, 44, 45, 52, 58].
- 2010 Lang Le, MS
Current: Project Officer Centers for Medicaid and Medicare Services
Career stage: Masters Student
Mentoring role: Mentor for Capstone Seminar, Heller School of Public Policy, Brandeis University
Accomplishments: Thesis entitled “A Dream Deferred: Can Massachusetts Control Escalating Health Care Costs?”
- 2010-2011 Qian Leng, MD MPH
Current: Resident, Oregon Health and Sciences University
Career stage: MPH Student
Mentoring role: Mentor, Harvard School of Public Health Practicum
Accomplishments: Developing manuscript entitled, “Assessing Psychological Distress and Social Outcomes among Asian-Americans with Untreated Mental Illness”
- 2010-2012 Jeremy Bary, BA
Current: Medical Student, University of Miami Medical School
Career stage: Intern
Mentoring role: Mentor, Undergraduate Research Internship, Florida State University
Accomplishments: Developing manuscript on statistical methods for measuring equity in health care in an international setting.
- 2010-2013 Andrea DePetris, BA
Current: PhD Candidate, University of Connecticut
Career stage: Intern
Mentoring role: Supervisor/Mentor, Harvard Catalyst Summer Clinical and Translational Research Internship.

- 2010-2012
Accomplishments: Published “The Differential Diffusion of FDA Antidepressant Risk Warnings Across Racial/Ethnic Groups” in *Psychiatric Services*. [RI #31]
Jonathan Raub, MD
Current: Staff, Natchaug Hospital, Mansfield Center, CT
Career stage: CHA Child Psychiatry Fellow
Mentoring role: Quantitative Methods Mentor
Accomplishments: Published “Predictors of Custody and Visitation Outcomes” in *Journal of the American Academy of Psychiatry and the Law* [RI #30]
- 2010-2012
Theodore Murray, MD
Current: Staff/Faculty, CHA/ HMS
Career stage: CHA Child Psychiatry Fellow
Mentoring role: Quantitative methods mentor
Accomplishments: Developing manuscript entitled, “Predictors of Restraint of Children and Adolescents in a Psychiatric Emergency Service”
- 2011-2013
Enrique Nesbitt
Current/Career stage: Assistant Professor, University of North Carolina-Chapel Hill
Mentoring role: Mentor, Robert Wood Johnson New Connections
Accomplishments: Developing manuscript entitled, “The Protective Role Of Ethnic Identity In The Association Between Racial/Ethnic Discrimination And Mental Health”
- 2011-2013
Raquel Qualls-Hampton
Current/Career stage: Assistant Professor, University of North Texas
Mentoring role: Mentor, Robert Wood Johnson New Connections
Accomplishments: Developing manuscript entitled, “Co-occurring substance use and psychiatric disorders in adolescents: availability of integrated treatment”
- 2013-2014
Marionette Holmes
Current/Career stage: Assistant Professor, Spelman College
Mentoring role: Mentor, Robert Wood Johnson New Connections
Accomplishments: Developing manuscript entitled, “Racial/Ethnic Disparities in Depression Care - Access and Expenditures.”
- 2013
Gabriel Perrault, MD
Current/Career stage: Medical Student, New York University
Mentoring role: Summer internship mentor
Accomplishments: Developing manuscript entitled, “Identifying resiliency in neighborhoods at high risk for depression and anxiety among Puerto Rican youth in Puerto Rico and the Bronx.”
- 2013
Sarah Coe-Odess
Current/Career stage: Student, Swarthmore College
Mentoring role: Summer internship mentor
Accomplishments: Published manuscript entitled, “Relationship Between General Illness and Mental Health Service Use and Expenditures Among Racially-Ethnically Diverse Adults ≥ 65 Years, [RI #51]
- 2013-2015
Juan David Rueda, PhD
Current/Career stage: Doctoral Candidate, Health Policy and Pharmacoeconomics, University of Maryland
Mentoring role: Primary mentor for visiting research fellowship
Accomplishments: Published “Examining psychotropic medication use among youth in the U.S. by race/ethnicity and psychological impairment” in *General Hospital Psychiatry* [RI #66]

- 2013-2015 Chang April Shu
Current/Career stage: Doctoral candidate, Johns Hopkins School of Public Health
Mentoring role: Primary mentor for Harvard School of Public Health externship
Accomplishments: Published “Examining the association between substance use disorder treatment and smoking cessation” in *Addiction*. [RI #50]
- 2014 Zach Selke
Current/Career stage: Medical Student, University of Maine Medical School
Mentoring role: Primary mentor for summer internship
Accomplishments: Published “Impact of Mental Illness on Employment and Receipt of Public Assistance: An Instrumental Variables Approach in a Longitudinal Setting.” [RI #49]
- 2014 Rajendra Aldis, MD
Current: Pagenal Fellow in Global Mental Health Delivery, Partners for Health
Career stage: Resident
Mentoring role: Mentor for CHA Psychiatry Residency research elective, Mentored for research on Using Electronic Medical Records for Mental Health Services
- 2014-2015 Justine Wittenauer, MD
Current: Addiction Fellow, HMS/McLean
Career stage: CHA Child Psychiatry Fellow
Mentoring role: Mentor, NIDA-AACAP Research Fellowship
Accomplishments: Developing manuscript, "Understanding the Effect of Exposure to High School Based Prevention Programming on Adolescent Substance Use Disorders Drug and Alcohol Dependence."
- 2014-2015 Zimin Liu, PhD
Current: Faculty, Southwest Chongqing University
Career stage: Candidate in Health Economics
Mentoring role: Primary mentor for International visiting research fellowship
Accomplishments: Published "The Costs and Benefits of Reducing Racial/Ethnic Disparities in Mental Health Care" in *Psychiatric Services*. [RI #47, Non PR #8]
- 2015-2017 Michael Flores
Current: Postdoctoral Fellow, Cambridge Health Alliance
Career stage: PhD Candidate in Health Policy, Brown University
Mentoring role: Dissertation Committee
Accomplishments: Published "Trends in smoking among adults with mental illness and association between mental health treatment and smoking cessation" in *JAMA*. [RI #34]
- 2015 Piter Jules
Current: CHA staff
Career stage: Northeastern School of Nursing
Mentoring role: Primary Mentor for Research Practicum
Accomplishments: Published manuscript " Examining racial/ethnic differences in patterns of benzodiazepine prescription and misuse” in *Drug and Alcohol Dependence*. [RI #82]
- 2015-2017 Timothy Creedon
Current: Researcher, IBM Watson
Career stage: PhD Candidate, Brandeis University
Mentoring role: Research mentor
Accomplishments: Published "Affordable Care Act has preliminary success in improving access to mental health care, but not in reducing mental health care disparities or

- increasing rates of substance use treatment" in *Health Affairs*. [RI #56], among multiple other publications published [e.g.,RI #82].
- 2015-2017 Ana Progovac, PhD
Current/Career stage: Instructor, Harvard Medical School, Psychiatry
Mentoring role: Primary research mentor for NIMH Postdoctoral Fellowship
Accomplishments: NIMHD R03 award, multiple Harvard Medical School awards, multiple co-authored publications [e.g., RI #78]
- 2016 James McKenzie, MD
Current/Career stage: CHA Child Psychiatry Fellow
Mentoring role: Research preceptor
Accomplishments: Work ongoing
- 2016-2017 Nicholas Carson, MD
Current/Career stage: Staff/Faculty CHA/HMS
Mentoring role: Primary research mentor
Accomplishments: Multiple co-authored publications [e.g., RI #73]
- 2017-2018 Rajan Sonik, PhD
Current/Career stage: Postdoctoral Fellow
Mentoring role: Primary research mentor
Accomplishments: Neal Alan Mysell Award for best poster presentation at 2018 HMS Psychiatry Research Day, multiple co-authored publications [RI#88,92]
- 2017-2020 Corrie Vilsaint, Ph.D.
Current/Career stage: Research Fellow, Recovery Research Institute, Center for Addiction Medicine, MGH-HMS. NIAAA F32AA025823, Racial and Ethnic Disparities in Alcohol and Other Drug Use Disorder Recovery
Mentoring role: Co-mentor, Provide ongoing research supervision and consultation for developing research projects. I am co-mentor.
Accomplishments: Work ongoing
- 2017-2019 Michael Flores, PhD
Current/Career stage: Postdoctoral Fellow
Mentoring role: Primary research mentor
Accomplishments: Harvard Medical School Zinberg Psychiatry Fellowship
- 2018-2019 Kelly Yang, BA
Current/Career stage: Medical student
Mentoring role: Primary internship mentor
Accomplishments: Co-authored manuscript [RI#102]
- 2018-2020 Leslie Adams, PhD
Current/Career stage: Bell Havard School of Public Health Postdoctoral Fellowship
Mentoring role: Co-primary research mentor with Dr. Sara Bleich
Accomplishments: NIH Loan Repayment Award

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

No Presentations Sponsored by Outside Entities

- 2011 Diffusion of Innovation and Risk Warnings in Psychotropic Medications. Harvard Medical School - Cambridge Health Alliance Child Psychiatry Symposium, Cambridge, MA
- 2013 Substance Abuse Treatment: Racial/Ethnic Disparities in Access and Completion, Treating the Addictions CME course, Harvard Medical School, Cambridge Health Alliance., Boston, MA

- 2016 Racial/Ethnic Disparities in Substance Use Treatment, Treating the Addictions CME course, Harvard Medical School, Cambridge Health Alliance.
- 2017 Methods for Evaluating Healthcare Disparities. Harvard Global Academy. Online at: <https://cmeonline.hms.harvard.edu/courses/course-v1:HarvardMedGlobalAcademy+HCD3+3T2017/about>
- 2019 Racial/Ethnic Disparities in Substance Use Treatment, Treating the Addictions CME course, Harvard Medical School, Cambridge Health Alliance., Boston, MA

Local Invited Presentations

No Presentations Sponsored by Outside Entities

- 2010 “Reflections on Life as a Junior Researcher.” Harvard Medical School, Department of Psychiatry, Boston, MA
- 2010 “Applications of the IOM Definition of Healthcare Disparities in Health Care and Mental Health Care Settings.” Harvard Catalyst Disparities Measurement Meeting, Harvard Medical School, Boston, MA.
- 2011 “Assessing Episodes of Care to Identify Promising Areas for Reducing Mental Health Care Disparities.” Cambridge Health Alliance and Harvard Catalyst, Mental Health and Disparities Town Hall, Boston, MA
- 2012 “Moving beyond measurement of language and race/ethnicity to addressing disparities,” Cambridge Health Alliance Diversity Committee, Cambridge, MA
- 2012 “Methodological and Conceptual Issues Related to Measuring Health Care Disparities,” Pharmaceutical Policy Seminar, Harvard Vanguard, Department of Population Medicine, Harvard Medical School.
- 2013 “Research using the CHA EHR at the Center for Multicultural Mental Health Research and Children’s Health Initiative,” Cambridge Health Alliance Information Technology and Business Analytics Meeting.
- 2013 “Substance Abuse Treatment Disparities,” Invited Guest Lecturer, Substance Abuse and Public Health, Harvard School of Public Health
- 2013 “Applying Health Services Research and Clinical Perspectives to Understanding and Reducing Mental Health Care Disparities, VA Boston Health Care System’s Psychological Service Diversity and Inclusion Colloquium Series. Jamaica Plain, MA
- 2013 “Racial/Ethnic Healthcare Disparities: How far have we come since the IOM’s Unequal Treatment Report?” Invited Guest Lecturer. Robert Wood Johnson Scholars in Health Policy Research Program, Harvard University. Cambridge, MA
- 2014 “Racial/Ethnic Disparities in Access, Engagement, and Quality of Behavioral Health Care: Implications for Changing Policy and Intervention Development.” Cultural Competence Conference: Clinical and Macro Perspectives, NASW Continuing Education, McLean Hospital.
- 2014 “Racial/Ethnic Disparities in Health Care: How Far Have We Come Since the IOM’s Unequal Treatment Report?” Invited Speaker, Mongan Institute for Health Policy, Massachusetts General Hospital, Partners Health Care.
- 2015 “Update on Disparities Nationally, Locally, and at CHA: Seeking Opportunities for Patient-Centered Care” Grand Rounds Cambridge Health Alliance Department of Psychiatry.

- 2015 “Racial/Ethnic Healthcare Disparities: How far have we come since the IOM’s *Unequal Treatment* Report?” Grand Rounds Massachusetts General Hospital Department of Psychiatry. Video: <https://vimeopro.com/mghpsychiatry/mghpsychiatry/video/129429102>
- 2015 “Applying Health Services Research Tools to Understand and Reduce Racial/Ethnic Disparities in Health and Health Care,” Children's Hospital Disparities Symposium, Boston Children's Hospital.
- 2015 “Substance Abuse Treatment Disparities,” Invited Guest Lecturer, Substance Abuse and Public Health, Harvard School of Public Health
- 2015 "Health Policy for the Provider." Population Health and Primary Care track residency education program. Harvard Medical School.
- 2016 “Substance Abuse Treatment Disparities,” Invited Guest Lecturer, Substance Abuse and Public Health, Harvard School of Public Health
- 2016 "Using NLP to predict adverse outcomes in safety net populations: preliminary studies", Harvard Catalyst Natural Language Processing Workshop, Boston, MA
- 2017 "Improving the elicitation of patient preferences for patient-centered diabetes and depression treatment: A Community-Based Participatory Action Research Project." Cambridge Health Alliance-Gold Innovation Fellowship Symposium, Cambridge MA
- 2017 "Racial/ethnic disparities within and outside of the healthcare system." Boston Children's Hospital, Division of General Pediatrics, Boston, MA.
- 2017 "Racial/ethnic disparities within and outside of the healthcare system." Department of Population Medicine, Division of Health Policy and Insurance Research, Boston, MA.
- 2017 "Measuring Health and Healthcare Disparities", Invited Guest Lecturer, SBS 513: Measuring and Reporting Health Disparities, Harvard School of Public Health, Boston MA
- 2017 "Health Equity Research Lab," Harvard Health Equity and Leadership Conference. Harvard School of Public Health, Boston MA.
- 2017 “Disparities in Health and Health Care.” Invited Guest Lecturer. SUP-500. JFK School of Government. Cambridge, MA
- 2017 ”How Preferences for Depression Treatment are Influenced by Race/Ethnicity, Prior Experiences, and Healthcare Discrimination: Preliminary results from a nationally representative survey” Grand Rounds, CHA Department of Psychiatry, Cambridge, MA.
- 2018 “Opioids, benzodiazepines, and race/ethnicity: Are we seeing an evolving epidemic?” Grand Rounds, Center for Addiction Medicine, Massachusetts General Hospital, Boston, MA.
- 2018 “Racial and ethnic disparities in mental health treatment.” Race, Racism, and Mental Health. Mental Health Legal Advisors Committee and Charles Hamilton Houston Institute for Race & Justice. Harvard Law School, Cambridge, MA.
- 2019 “Mental Health Care: Improving Equity & Access” Harvard Latino in Health Careers in Health Conference - Minority Health Access: Obstacles and Resources, Harvard University, Cambridge, MA

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

No Presentations Sponsored by Outside Entities

Invited Presentations and Courses

Regional

- 2000 “Health Care Access and Advocacy in the Merrimack Valley Region.” Symposium: Addressing the Health Care Crisis. University of Massachusetts - Lowell, MA
- 2010 “Overview of Health and Health Care Disparities.” Brandeis University Social Policy Seminar, Waltham, MA
- 2012 “Overview of Issues in Immigrant Mental Health.” Tufts University Community Health Undergraduate course (with Nicholas Carson, MD), Medford, MA.
- 2013 “An Overview of Racial/Ethnic Disparities in Health and Health Care,” Invited Guest Lecturer, Tufts Medical School MD/MPH Program’s Course on Health Services Research, Boston, MA.
- 2014 “An Overview of Racial/Ethnic Disparities in Health and Health Care,” Invited Guest Lecturer, Tufts Medical School MD/MPH Program’s Course on Health Services Research, Boston, MA.
- 2015 “A Boston State of Mind” Invited Speaker. Boston College documentary presentation and panel discussion, Chestnut Hill, MA.
- 2015 “Improving Quantitative Methods for Measuring Disparities in Health Care”, Brandeis University, Waltham, MA.
- 2016 “Racial/ethnic disparities in substance use treatment”, Bayview Medical Associates, Quincy, MA.
- 2016 “The ACA and Healthcare Disparities,” MIT Department of Biomedical Engineering, invited guest lecture. Cambridge, MA
- 2016 “Racial/Ethnic Disparities in Substance Use Treatment,” Tufts University Counseling and Mental Health Service, Medford, MA
- 2017 “Racial/ethnic disparities within and outside of the healthcare system,” Boston University Clinical Psychology Colloquium, Boston, MA
- 2017 “Law enforcement, mental health, and race/ethnicity.” BU Danielson Institute Psychological and Brain Sciences. Boston, MA
- 2018 “Racial/ethnic mental health disparities: Identifying and addressing determinants within and outside of the healthcare system.” Center for the Urban Child and Healthy Family, Boston Medical Center / Boston University School of Public Health. Boston, MA
- 2018 “Disentangling the mechanisms underlying racial and ethnic health disparities” Tufts Medical School, Center for Evaluation of Value Risk (CEVR), Boston MA.
- 2019 “How discrimination leads to racial/ethnic disparities in behavioral health treatment” Boston School of Public Health Department of Health Law, Policy and Management. Boston, MA.
- 2019 “Racial/Ethnic Disparities in Mental Health: Identifying and Addressing Determinants Within and Outside of the Healthcare System.” Northeastern School of Nutrition and Science and Policy Friedman Speaker Series, Boston, MA

National

- 1998 “Pesticide Education for Migrant Farmworkers in Prospect Hill, NC.” Sowing Seeds for Change: A Symposium for Farmworker Advocacy. Gainesville, FL,
- 1999 “Gender Differences in Access to Health Care for Latino Immigrants in Durham, NC.” American Public Health Association Conference. Chicago, IL,
- 2000 “Overcoming Barriers to Enrolling Immigrants and Refugees in State Health Insurance Programs.” American Public Health Association Conference. Boston, MA.
- 2002 “One Size Does Not Fit All: How the Tobacco Industry Has Altered Cigarette Design to Target Consumer Groups with Specific Psychological and Psychosocial Needs.” National Conference on Tobacco or Health, San Francisco, CA.

- 2005 “Adjusting for Health Status in Racial Disparities Health Services Research.” Academy Health Annual Conference, Boston, MA.
- 2005 “Implementing the IOM Definition of Disparities: An Application to Mental Health Care.” 6th American Statistical Association International Conference on Health Policy Research.
- 2007 “Measuring Trends in Racial and Ethnic Disparities in Health Care” Academy Health Annual Conference. Orlando, FL
- 2008 “Measuring Trends in Racial and Ethnic Disparities in Health Care.” 2nd Biennial Conference of the American Society of Health Economists. “Measuring Racial/Ethnic Disparities Across the Distribution of Medical Expenditures.” Durham, NC
- 2008 “Pathways and Correlates Connecting Exposure to the U.S. and Latinos’ Mental Health.” American Public Health Association Conference. San Diego, CA.
- 2008 “Measuring Health and Health Care Disparities and Sorting Out Their Causes.” Robert Wood Johnson Foundation Second Annual New Connections Symposium, Washington, DC
- 2008-2016 “Speed Mentor.” Robert Wood Johnson New Connections Annual Symposium, Washington, DC and Princeton, NJ
- 2009 “Comparing Methods of Racial and Ethnic Disparities Measurement across Different Settings of Mental Health Care.” Academy Health Annual Conference, Chicago, IL
- 2009 “Prevalence of Mental Illness in Immigrant and Non-Immigrant U.S. Latino Groups.” Latino Mental Health Conference: Meeting the Mental Health Needs of the Latino Families & Communities, NYU School of Medicine, New York, NY
- 2009 “From Epidemiology to Policy.” Latino Mental Health Conference: Meeting the Mental Health Needs of the Latino Families & Communities, NYU School of Medicine, New York, NY
- 2010 “Trends in Children’s Mental Health Care Disparities 2002-2007.” The Quality of Behavioral Healthcare: A Drive for Change Through Research Conference, National Institute of Drug Abuse, Clearwater, FL.
- 2010 “Assessing Psychological Distress and Social Outcomes among Asian-Americans with Untreated Mental Illness.” Asian American Center for Disparities Research, Satellite Workshop in NYC, New York, NY
- 2010 “Trends in Children’s Mental Health Care Disparities 2002-2007.” American Society of Health Economics, Cornell University, Ithaca, NY
- 2010 “Crowd-out and Exposure Effects of Physical Comorbidities on Mental Health Care Use: Implications for Racial-Ethnic Disparities in Access.” National Hispanic Science Network on Drug Abuse, New Orleans, LA
- 2010 “Geographic Hot Spots of Mental Health Care Disparities.” NIMH Biennial Conference on Mental Health Economics, Washington, D.C.
- 2010 “Academy Health’s Article of the Year Conversation: Measuring Trends in Health Care Disparities.” Academy Health National Student Chapter, Conference Call Presentation.
- 2011 “Assessing Differences among Racial/Ethnic Groups in Episodes of Mental Health Care.” From Disparities Research to Disparities Interventions: Lessons Learned and Opportunities for the Future of Behavioral Health Services, Arlington, VA
- 2011 “Assessing Differences among Racial/Ethnic Groups in Episodes of Mental Health Care.” National Hispanic Science Network Conference on Drug Abuse, Miami, FL
- 2011 “Assessing Differences among Racial/Ethnic Groups in Episodes of Mental Health Care.” American Public Health Association Conference. Washington, D.C.
- 2011 From Disparities Research to Disparities Interventions: Lessons Learned and Opportunities for the Future of Behavioral Health Services, “Methodological and

- Conceptual Considerations Related to the Measurement of Racial/Ethnic Healthcare Disparities,” Seminar Co-Presenter with T. McGuire, Florida Mental Health Institute Conference, Arlington, VA
- 2011 “A primer on using regression analyses for understanding health and health care disparities.” Robert Wood Johnson New Connections webinar.
- 2011 “Using Nationally Representative Databases for Racial/Ethnic Disparities Studies: Downloading and Analyzing Public Use Data.” Robert Wood Johnson 5th Annual New Connections Symposium, Princeton, NJ, Methodological Seminar Session,
- 2011 Robert Wood Johnson 5th Annual New Connections Symposium, Princeton, NJ, “Mock Grant Review,” Seminar Co-Presenter with M. Alegria and N. Mulvaney-Day, Arlington, VA
- 2011 “Methodological and Conceptual Considerations Related to the Measurement of Racial/Ethnic Healthcare Disparities.” American Public Health Association Conference. Washington, D.C.
- 2011 “Assessing Differences Among Racial/Ethnic Groups in Episodes of Mental Health Care” American Public Health Association Conference. Washington, D.C.
- 2012 “Assessing Differences Among Racial/Ethnic Groups in Episodes of Mental Health Care” Seminar Series, Agency for Healthcare Research and Quality. Rockville, MD.
- 2012 “The Value of Reducing Racial/Ethnic Disparities in Mental Health Care.” Academy Health Annual Conference, Orlando, FL
- 2012 “The Value of Reducing Racial/Ethnic Disparities in Mental Health Care.” National Hispanic Science Network on Drug Abuse, San Diego, CA
- 2013 “Multilevel Modeling and Disparities Research.” Robert Wood Johnson New Connections webinar.
- 2013 “Novel Methods in Identifying and Addressing Mental Health Care Disparities.” NIH/NIMHD Translational Disparities Course, Bethesda, MD
- 2013 “Understanding Mechanisms of Mental Health Care Disparities,” Invited Presenter, Webinar for Advancing Knowledge on Mental Health Disparities, NIMH.
- 2013 “What is the current situation in mental health care disparities? What are levers for action?” Invited Guest Panelist to Closed Door NIMH meeting, Closing the Gaps: Scaling Up to Reduce Mental Health Disparities in the United States, Bethesda, MD
- 2013 “Using Nationally Representative Databases for Racial/Ethnic Disparities Studies: Downloading and Analyzing Public Use Data.” Robert Wood Johnson New Connections webinar. Webinar co-presenter with John Garcia.
- 2013 “Racial/Ethnic Disparities in Health Care: How Far Have We Come Since the IOM’s Unequal Treatment Report?” Invited Speaker, University of Pennsylvania Leonard Davis Institute of Health Economics and The Robert Wood Johnson Foundation Health & Society Scholars Program at Penn, Philadelphia, PA.
- 2013 “Mock NIH Grant Review,” New Connections: Increasing Diversity of RWJF Programming Research and Coaching Clinic, American Public Health Association conference, Seminar Co-presenter with Margarita Alegría, Boston, MA
- 2014 “Racial/Ethnic Differences in Youth Psychotropic Drug Use: Are Differences Due to Overuse of Whites or Underuse of Racial/Ethnic Minorities?” NIMH Mental Health Services Research: Research in the Pursuit of a Learning Mental Health System. Bethesda, MD.
- 2014 “Enhancing Disparities Research Using Mixed Methods,” New Connections Eighth Annual Symposium. Co-presenter with Margarita Alegría, Princeton, NJ.

- 2014 “Racial/Ethnic Differences in Youth Psychotropic Drug Use: Are Differences Due to Overuse of Whites or Underuse of Racial/Ethnic Minorities?” American Society of Health Economics, Los Angeles, CA.
- 2014 “Novel Methods in Identifying and Addressing Mental Health Care Disparities.” NIH/NIMDH Translational Disparities Course, Bethesda, MD
- 2014 Roundtable discussion and webinar: “Practice-based Research and Implementation: Developing a Framework for Collaboration to Reduce Mental Health Disparities” One of fifteen scholars invited as guest panelist to meeting facilitated by the Office for Research on Disparities and Global Mental Health at NIMH and the Office of Behavioral Health Equity at SAMHSA.
- 2014 “Mock NIH Grant Review,” New Connections: Increasing Diversity of RWJF Programming Research and Coaching Clinic, American Public Health Association conference, New Orleans, LA
- 2014 "The Time is Now: Tackling Racial and Ethnic Disparities in Mental and Behavioral Health Services in Massachusetts," Massachusetts Health Policy Forum, Boston MA
- 2015 “Common Methodological Issues that Arise when Analyzing Quantitative Data to Identify Racial/Ethnic Health Disparities” Robert Wood Johnson New Connections Ninth Annual Symposium, Princeton, NJ
- 2015 "Applying Causal Inference to Health Disparities" 2015 Joint Statistical Meetings, American Statistical Association, Seattle, WA
- 2015 "Applying Causal Inference Methods to Improve Identification of Health and Healthcare Disparities, and the Underlying Mediators and Moderators of Disparities," Robert Wood Johnson Foundation New Connections Webinar. Co-presenter with Linda Valeri.
- 2015 "Improving Quantitative Methods for Measuring Disparities in Health Care", Centers for Disease Control (CDC), Atlanta, GA.
- 2016 "Statistical Issues in Estimating Health Disparities Using Complex Samples", Eastern North American Region International Biometric Society (ENAR), Austin, TX
- 2016 "Qualitative Methods in Disparities Research", Robert Wood Johnson New Connections webinar. Co-presenter with Dharma Cortes and Andrea Ault.
- 2016 "Evaluating a behavioral health home implementation in a safety net setting," NIMH Mental Health Services Research conference, Bethesda, MD.
- 2017 "Adapting Causal Inference Methods to Improve Identification of Healthcare Disparities." Society for Social Work Research 21st Annual Conference, New Orleans, LA.
- 2017 "The Health Equity Research Lab" Northwestern University, Chicago, IL.
- 2017 “Natural language processing & electronic health records: An introduction and application.” RWJF New Connections Eleventh Annual Symposium. Boston, MA
- 2017 “Racial/ethnic mental health disparities: Identifying and addressing determinants within and outside of the healthcare system.” Brandeis University. Waltham, MA
- 2017 “Racial/ethnic differences in the quality of outpatient behavioral health treatment for youth following inpatient and emergency care.” Association for Behavioral and Cognitive Therapies. San Diego, CA.
- 2017 “New Connections NIH mock grant review.” RWJ New Connections Coaching Clinic. Atlanta, GA.
- 2018 “New Connections NIH mock grant review,” New Connections: Increasing Diversity of RWJF Programming Research and Coaching Clinic, American Public Health Association conference, Co-presenter with Margarita Alegría, Boston, MA

- 2018 “Forum on Opioids: Strategies and Solutions for Minority Communities.” Centers for Medicaid and Medicare Services Office of Minority Health and SAMHSA Office of Behavioral Health Equity. Washington, D.C.
- 2018 “New Connections NIH mock grant review webinar,” Co-presenter with Margarita Alegría and Cheryl Boyce.
- 2018 “The evolving opioid crisis in racial/ethnic minority communities in the U.S.” Addictions Health Services Research Conference. Savannah, GA
- 2018 “Accounting for need for treatment, socioeconomic status, and discrimination when measuring racial/ethnic disparities in substance use disorder treatment.” Addictions Health Services Research Conference. Savannah, GA
- 2019 “Big Data Analytics as a Strategy to Reduce Latina Suicide.” Johns Hopkins Bloomberg School of Public Health. Baltimore, MD.
- 2019 “Racial/Ethnic Disparities in Mental Health: Identifying and Addressing Determinants Within and Outside of the Healthcare System.” Montefiore Medical Center Department of Psychiatry Grand Rounds. New York, NY

International

- 2007 “Measuring Trends in Mental Health Care Disparities.” 8th Workshop on Costs and Assessment in Psychiatry: Investing in Mental Health Policy and Economics Research, International Center of Mental Health Policy and Economics, Venice, Italy.
- 2007 “Measuring Trends in Racial/Ethnic Health Care Disparities.” 6th Congress of the International Health Economics Association. Copenhagen, Denmark.
- 2011 “Assessing Differences among Racial/Ethnic Groups in Episodes of Mental Health Care.” 8th Congress of the International Health Economics Association. Toronto, Canada
- 2013 “The Value of Reducing Racial/Ethnic Disparities in Mental Health Care,” 11th Workshop on Costs and Assessment in Psychiatry: Investing in Mental Health Policy and Economics Research, International Center of Mental Health Policy and Economics, Venice, Italy.
- 2014 “Harmonization of electronic medical record data across research sites,” World Psychiatric Association Conference, Madrid, Spain
- 2014 “An International Comparison of Behavioral Health Treatment Episodes by Immigration Status,” World Psychiatric Association Conference, Madrid, Spain
- 2014 “The Effect of Medicare Advantage Enrollment on Access, Costs and Quality of Mental Health Care for the Elderly World Psychiatric Association Conference,” Madrid, Spain
- 2015 “Comparison of mental health treatment expenditures among patients with dual disorders in usual psychiatric care between Madrid and Boston hospital systems,” and “International comparison of episodes of substance abuse treatment among native-born and Latino immigrants in public hospital settings in Barcelona and Boston,” with Rodrigo Carmona and Adil Quereshi, The IV International Congress on Dual Disorders, Barcelona, Spain.
- 2015 “Understanding Provider Prescribing Behaviors after the Black Box Warning for Youth Antidepressant Use”, 12th Workshop on Costs and Assessment in Psychiatry: Investing in Mental Health Policy and Economics Research, International Center of Mental Health Policy and Economics, Venice, Italy.
- 2016 “Are Racial/Ethnic Disparities in Youth Psychotropic Medication Due to Overuse by Whites?” Conference Title: Preventing Overdiagnosis, Winding Back the Harms of Too Much Medicine. Barcelona, Spain.
- 2017 “Examining Psychotropic Medication Use among Youth in the U.S. by Race/Ethnicity and Psychological Impairment.” 13th Workshop on Costs and Assessment in Psychiatry:

- 2017 Investing in Mental Health Policy and Economics Research, International Center of Mental Health Policy and Economics, Venice, Italy
- 2018 “Long-run trends in youth antidepressant use after the FDA black-box warning.” 11th Congress of the International Health Economics Association. Boston, MA
- 2019 “Reversal in the effect of the Affordable Care Act on mental health care access and utilization.” 2018 European Health Economics Association (EuHEA) conference: Shaping the Future: the Role of Health Economics. Maastricht, The Netherlands.
- 2019 “The Impact of Changes in Medicare Mental Health Care Financing on Beneficiaries with Serious Mental Illness.” 14th Workshop on Costs and Assessment in Psychiatry: Investing in Mental Health Policy and Economics Research, International Center of Mental Health Policy and Economics, Venice, Italy
- 2019 “The Impact of Medicare Shared Savings Plan ACOs on Mental Health Care Access and Quality and Disparities in Care.” 14th Workshop on Costs and Assessment in Psychiatry: Investing in Mental Health Policy and Economics Research, International Center of Mental Health Policy and Economics, Venice, Italy.
- 2019 “The Impact of the U.S. Affordable Care Act on Smoking Rates among Individuals with Behavioral Health Disorders.” Congress of the World Psychiatric Association, Lisbon, Portugal.

Report of Technological and Other Scientific Innovations

- 2007- Ongoing development of methods of measurement of racial/ethnic healthcare disparities that adhere to the Institute of Medicine definition of disparities using multivariate regression models. These methods are currently being used and adapted in numerous other research manuscripts.

Report of Education of Patients and Service to the Community

Activities

- 1998-1999 Prospect Hill Community Health Center, Prospect Hill, North Carolina. Lead, Pesticide education initiative with Latino farmworkers; Lead, Community-based participatory photo voice project with Latino farmworkers
- 2000-2002 Dorchester House Multi-Service Center, Board of Directors
- 2002-2006 Massachusetts Asian and Pacific Islanders for Health, President/Clerk/Board of Directors
- 2012-present Massachusetts Asian and Pacific Islanders for Health, Advisory Board
- 2015-present Cambridge Police Department Safety Net Initiative, Advisor/Evaluator
- 2014-present National Alliance for the Mentally Ill Massachusetts, Presenter/Advisor on Intersection of Criminal Justice, Race, and Mental Health
- 2016-present The Transformation Center and Cambridge Health Alliance, Community-Research Partnership Facilitator.

Invited Presentations

No Sponsorship by Outside Entities

- 2014 “Improving Cultural Awareness When Interacting with Racial/Ethnic Minorities Living with Mental Illness,” National Alliance for the Mentally Ill Crisis Intervention Team (CIT) Training for Somerville and Cambridge Police Departments, Cambridge, MA

- 2014 “Improving Cultural Awareness When Interacting with Racial/Ethnic Minorities Living with Mental Illness,” National Alliance for the Mentally Ill CIT Training for Everett and Malden Police Departments, Malden, MA.
- 2015 “Improving Cultural Awareness When Interacting with Racial/Ethnic Minorities Living with Mental Illness,” National Alliance for the Mentally Ill CIT Training for Cambridge, Somerville, and Malden Police Departments, Cambridge, MA.
- 2016 “Improving Cultural Awareness When Interacting with Racial/Ethnic Minorities Living with Mental Illness,” National Alliance for the Mentally Ill CIT Training for Cambridge, Somerville, Medford, and Malden Police Departments, Somerville, MA.
- 2017 “Improving Cultural Awareness When Interacting with Racial/Ethnic Minorities Living with Mental Illness,” National Alliance for the Mentally Ill CIT Training for Everett, Medford, Malden, and Winchester Police Departments, Cambridge, MA.
- 2018 “Strategic Planning for Law Enforcement and Mental Health Collaboration.” Cambridge Police Department Community Stakeholder Meeting. Cambridge, MA.
- 2018 “Improving Cultural Awareness When Interacting with Racial/Ethnic Minorities Living with Mental Illness,” National Alliance for the Mentally Ill CIT Training for Andover, Medford, Malden, Lexington, Boston, and Brookline Police Departments, Andover, MA.

Selected Media Interviews/Apearances

- 12/5/2011 Institute of Medicine Definition of Racial Disparities, 4researchers.org, New Orleans, LA. <https://www.4researchers.org/articles/view/7585?video=0&audio=1&slides=1> New
- 1/8/2015 The mentally ill are less likely to quit smoking, WBZ Radio, Boston
- 2/11/2015 Mental health care disparities in Massachusetts, Urban Update, Channel 7 Boston. <https://www.4researchers.org/articles/view/7585?video=0&audio=1&slides=1>
- 8/4/2016 Obamacare Is Making Mental-Health Care Better for Some, The Atlantic, <http://www.theatlantic.com/politics/archive/2016/08/affordable-care-act-mental-health-disparities/490220/>
- 4/25/2018 Addressing the Opioid Epidemic in Minority Communities, HHS OMH video <https://www.youtube.com/watch?v=ibazA7NC3ys&feature=youtu.be>
- 6/4/2018 Advocates for Opioid Victims Push for Equal Insurance Treatment, Congressional Quarterly. <https://library.cqpress.com/cqweekly/index.php?issue=20180604>

Report of Scholarship

Peer Reviewed Publications in print or other media

Research Investigations

1. **Cook B**, Wayne G, Keithly L, Connolly G. One size does not fit all: How the tobacco industry has altered cigarette design to target consumer groups with specific psychological and psychosocial needs. *Addiction*. 2003; 98:1547-1561.
2. McGuire T, **Cook B**, Alegria M, Wells K, Zaslavsky A. Implementing the IOM Definition of disparities in health care: An application to mental health care. *Health Services Research*. 2006; 41:1979-2005.

3. **Cook B.** The effect of Medicaid managed care on racial disparities in health care access. *Health Services Research.* 2007; 42:124-145.
4. Brown JD, Wissow LS, Zachary C, **Cook B.** Receiving advice about child mental health from a primary care provider: African American and Hispanic parent attitudes. *Medical Care.* 2007; 45:1076-1082.
5. **Cook B,** McGuire TG, Miranda J. Measuring trends in mental health care disparities, 2000-2004. *Psychiatric Services.* 2007; 58:1533-1540.
6. **Cook B,** McGuire TG, Zuvekas S. Measuring trends in racial/ethnic health care disparities. *Medical Care Research and Review.* 2009; 66:23-48.
7. **Cook B,** McGuire TG, Meara E, Zaslavsky AM. Adjusting for health status in non-linear models of health care disparities. *Health Services Outcomes and Research Methodology.* 2009; 9:1-21.
8. **Cook B,** Manning W. Measuring racial/ethnic disparities across the distribution of medical expenditures. *Health Services Research.* 2009; 44(5p1): 1603-1621.
9. **Cook B,** Lin J, Guo J, Alegría M. Pathways and correlates connecting exposure to the US and mental health. *American Journal of Public Health.* 2009; 99(12): 2247-2254.
10. **Cook B,** McGuire TG, Lock K, Zaslavsky AM. Comparing methods of racial and ethnic disparities measurement across different settings of mental health care. *Health Services Research.* 2010; 45(3): 825-847.
11. Carson N, **Cook B,** Alegria M. Social determinants of mental health treatment among Haitian, African American and White youth in community health centers, *Journal of Health Care for the Poor and Underserved.* 2010; 21(2):32-48.
12. **Cook B,** Carson N, Alegria M. Assessing racial/ethnic differences in the social consequences of early-onset psychiatric disorder. *Journal of Health Care for the Poor and Underserved.* 2010; 21(2):49-66.
13. Escobar JI, **Cook B,** Chen C-N, Gara MA, Alegria M, Interian A, Diaz, E. Whether medically unexplained or not, three or more concurrent somatic symptoms predict psychopathology and service use in community populations. *Journal of Psychosomatic Research.* 2010; 69: 1-8.
14. Rosenbach M, O'Neil S, **Cook B,** Trebino L, Klein Walker D. Characteristics, access, utilization, satisfaction, and outcomes of Healthy Start participants in eight sites. *Maternal and Child Health Journal.* 2010; 14: 666-679.
15. **Cook B,** McGuire T, Alegria M, Normand S-L. Crowd-out and exposure effects of physical comorbidities on mental health care use: implications for racial-ethnic disparities in access. *Health Services Research.* 2011; 46: 1259-1280.
16. **Cook B,** Alegría M. Racial-ethnic disparities in substance abuse treatment: the role of criminal history and socioeconomic status, 2011. *Psychiatric Services.* 62(11):1273-81

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Thesis

1. **Cook B**. Hunt for the Right Counterfactual: Estimating Disparities in Minority Health Care. Harvard University. October 2006.

Abstracts, Poster Presentations and Exhibits Presented at Professional Meetings

1. Murray, P, **Cook B**, Carson N. Retention and service utilization in an African American specialty mental health clinic, Harvard Department of Psychiatry Mysell Research Day, 2014
2. Hahm, H.C., **Cook B**., Feranil, M., & Valentine, A. Mental health diagnosis and patterns of mental health care utilization among Asian-American women who were sexually assaulted. Poster presentation at the Society for Social Work and Research (SSWR) Annual Conference in San Antonio, TX, 2014.
3. **Cook B**., Chavez L., Carmona R., Alegría M. Comparison of behavioral health expenditures In usual psychiatric care between Madrid, Barcelona, And Boston Hospital Systems., NIDA International Forum, San Juan, Puerto Rico, 2014.
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5. Jimenez D, **Cook B**. Impact of co-morbid mental health needs on healthcare service utilization in older adults, American Association for Geriatric Psychiatry Annual Meeting, New Orleans, LA, 2015.

Narrative Report

I am a health services researcher focused on improving treatment and quality of life for vulnerable populations living with mental illness and substance use disorders. My research focuses on applying rigorous analytical methods to overcome barriers to quality behavioral health care with a focus on reducing racial/ethnic disparities in care. I teach health policy, research methods and disparities methods for residents, fellows, and other health services researchers.

Investigation

My research is grounded in the identification of pathways to reduce behavioral health care disparities by applying rigorous research methods to nationally representative datasets and electronic health records, and in the evaluation of programs and policies that target these pathways. My published studies in these areas fall into four categories: 1) tracking and monitoring policies relevant to disparities in mental health care and substance abuse treatment quality, with main findings showing that shifts into managed care and increased provider supply reduced access disparities; 2) assessing the diffusion of FDA blackbox warnings on psychotropic medications across racial/ethnic groups, identifying provider and family reactions to risk warnings in primary care and specialty settings; 3) tobacco use and evaluations of tobacco cessation policies on smoking among those living with behavioral illnesses; and 4) data mining electronic health records to identify patients at risk for rehospitalization and suicide, and to evaluate hospital-based treatment innovations. Clear conceptual frameworks also help to accurately identify mechanisms of disparities and appropriately target interventions. As such, studies that I have authored put forth an explicit definition of healthcare disparities and develop methodological tools to implement this definition.

There is demand for making linkages between healthcare disparities research, rigorous statistical methods, and usable conceptual frameworks. I have been invited to conduct trainings, seminars, and webinars on methods of measuring health care disparities at various research centers, NIH Institutes, and RWJ Foundation events, and have been invited to speak internationally on these topics. I have been an expert panelist and contractor to the NIMH Office of Research on Disparities and Global Mental Health to provide advice on their disparities research agenda. The same set of methodological skills has been useful to collaborations and publications across a wider range of mental health services research, as reviewer for NIMH, NIH, and AcademyHealth grant reviews, and peer-reviewed journals, and as an editorial board member of *Medical Care Research and Review*.

Significant Supporting Activity – Education of Patients and Community Service

In order to attempt to ground the research in concerns arising in the community, I lead a Patient Centered Outcomes Research Institute project intended to build and sustain a community-researcher partnership to improve diabetes and depression treatment. I have also been involved in a pesticide education initiative and community-based participatory photo voice project with Latino farmworkers, an ongoing partnership with the National Alliance on Mental Illness, and been invited to present at local police departments to improve officers' cultural competency when dealing with individuals with mental illness from diverse backgrounds. I am past President and Board member, and current advisory board member of Massachusetts Asian & Pacific Islanders for Health and am past Board member for the Dorchester House Multi-Service Center.

Teaching and Education

Teaching and mentoring have also been crucial to gaining perspective on disparities issues and to disseminating new approaches to disparities reduction. I teach Introduction to Health Policy at the Kennedy School of Government, have led a course for child psychiatry fellows on research, and have been invited to guest lecture on health policy, research design, and healthcare disparities. My

mentoring activities at Harvard and other universities has been funded by the RWJ Foundation and AACAP and includes assisting on quantitative research projects for junior faculty, fellows, residents, and health policy students.