



Adrian Aguilera, PhD
Faculty Advisor and Executive Committee Member

Dr. Aguilera's research emphasizes digital health equity, utilizing digital technologies to improve health and mental health in low-income and underserved populations. His most recent work has been the development and testing of an automated text messaging based companion to cognitive behavioral treatment for depression with the goal increasing engagement and improving outcomes. He will be expanding his work to develop a personalized machine learning based, mobile phone intervention to increase physical activity in co-morbid depression and diabetes.

Research Expertise and Interest

mobile technology (mHealth) and mental health, digital health, Latino & minority mental health, health disparities, cognitive-behavioral therapy for depression, machine learning, user centered design, implementation science.

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Amanda Brewster, PhD, MSc
Faculty Advisor and Executive Committee Member

Amanda L. Brewster is an Assistant Professor of Health Policy and Management at the UC Berkeley School of Health. Her research examines how management and inter-organizational relationships influence the performance of health care organizations. Recent work focuses on coordination of health care and social services to address both medical and social determinants of health.

Research Expertise and Interest

coordination of health care and social services, performance improvement, implementation of new practices

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Jason Corburn PhD, MCP
Faculty Advisor and Executive Committee Member

Jason Corburn holds a joint appointment with the UC Berkeley Department of City and Regional Planning. His research focuses on urban health equity, place and health, slum health, and urban governance and health. He co-directs the joint Masters in Public Health-Masters in City Planning degree program and Directs the Institute of Urban and Regional Development. Professor Corburn has domestic research exploring how municipal governments can adopt and implement Health in All Policies and address intra-city racial and ethnic health inequities and urban gun violence. His major international research projects in Nairobi, Medellín, Rio de Janeiro and Mumbai, investigate how policy and planning aimed at improving living conditions for residents of urban informal settlements can address health inequities and help the poor adapt to climate change. Professor Corburn sits on the Board of the International Society for Urban Health and the International Science Council, Programme in Urban Health and Well-Being.

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William H. Dow, PhD
Faculty Advisor and Executive Committee Member

Will Dow, a celebrated scholar of the economic aspects of health insurance, health behaviors, and health and demographic outcomes, joined the Berkeley faculty in 2004. Since 2005, he has been the associate director of the Berkeley Population Center and, since 2013, the director of the Center on the Economics and Demography of Aging. Dow's research contributes to improvements in health policy and healthy aging among vulnerable populations locally and globally. He has led teams analyzing California's path breaking health insurance reforms and paid leave policies, as well as teams designing innovative behavioral economic strategies for preventing HIV and promoting behavior change such as smoking cessation. Dow is also a longtime research associate at the National Bureau of Economic Research, and has won the International Health Economics Association's Arrow Award.

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Dominick L. Frosch, PhD
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Dominick L. Frosch, Ph.D., is Co-Director and Senior Scientist at the Sutter Health Center for Health Systems Research (Palo Alto campus). He received his Ph.D. in clinical psychology with an emphasis on behavioral medicine from the San Diego State University/University of California San Diego Joint Doctoral Program and completed a fellowship as Robert Wood Johnson Foundation Health & Society Scholar at the University of Pennsylvania.

Dr. Frosch's research has focused on advancing patient engagement and patient-centered care for over 20 years (h-index 43). His methodological expertise includes intervention development, randomized efficacy and effectiveness trials, implementation science, measurement and qualitative methods.



Chris Miller-Rosales, MSPH
Pre-Doctoral Fellow

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Chris Miller-Rosales is a PhD student in health policy at UC Berkeley, concentrating in organizations and management. His work centers on the application of organization theory to implementation science to make certain that health care practices and innovations are translated to diverse patient populations. Prior to his doctoral education, Chris completed his undergraduate training in economics at UC Berkeley, earned an MSPH in health policy at Johns Hopkins, and worked as a research analyst at the Kaiser Permanente Division of Research.



Mahasin Mujahid, PhD, MS, FAHA
Faculty Advisor and Executive Committee Member

Dr. Mujahid's current research examines how features of neighborhood environments impact cardiovascular health and health disparities. Using data from several U.S. based cardiovascular cohorts, Dr. Mujahid seeks to improve the measurement of specific features of neighborhood physical and social environments and use state of the art statistical methods to estimate "causal" neighborhood health effects. In related research, Dr. Mujahid seeks to understand the multi-level and multi-factorial determinants of the clustering of cardiovascular risk factors (obesity, diabetes, hypertension) in racial/ethnic minorities and the consequences of this clustering on the long-term cardiovascular health of these groups.

Research Expertise and Interest

Multi-level determinants of racial/ethnic health disparities, neighborhood environments and cardiovascular health, breast cancer treatment and survivorship Methods in social epidemiology, population health.

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Alice Rogot Pressman, PhD, MS
Director and Senior Investigator, Sutter Health and
Executive Committee Member

Alice Pressman, PhD, MS is a senior investigator and the Executive Director for Sutter Health's Research, Development and Dissemination Department (SH-RDD). She also serves as a consulting methodologist at the Palo Alto Medical Foundation Research Institute focusing on complex, multi-organization-sourced data, and clinical and pragmatic trial design. As an epidemiologist and statistician specializing in evaluation methodology and chronic pain research, she has 30 years of experience with different types of clinical and epidemiologic research studies and considerable experience working with secondary data.

Research Expertise and Interest

Her research interests include pragmatic clinical trials, health system evaluation methodology, dissemination of new care models, pain research, and racial/ethnic health disparities outcomes research.

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Hector P. Rodriguez, PhD, MPH **Principal Investigator and Director**

Dr. Hector P. Rodriguez is the Henry J. Kaiser Endowed Chair in Organized Health Systems, Professor of Health Policy and Management, Chair of the Graduate Group in Health Policy, and co-Director of the Center for Healthcare Organizational and Innovation Research (CHOIR) at the UC Berkeley School of Public Health. His expertise is in organizational analysis and performance measurement in health care. Prior to his academic career, he was a management consultant for The Permanente Medical Group where he worked with leaders and clinicians in Northern California to implement primary care practice redesign and evaluate their impact on patient care. Rodriguez is an elected member of the National Academy of Medicine.

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Research Expertise and Interest

Team science in health care, patient engagement, public health systems research, health care disparities, implementation and dissemination research, performance measurement and improvement



Stephen H. Lockhart, MD, PhD **Sutter Health Organizational Sponsor**

Stephen Lockhart, M.D., Ph.D., is chief medical officer (CMO) for Northern California-based Sutter Health. As CMO, he has responsibility for quality, patient safety, research and education. Prior to being named CMO, Dr. Lockhart served as Sutter's regional chief medical officer for the East Bay, chief administrative officer at the St. Luke's campus of Sutter's California Pacific Medical Center (CPMC), and medical administrative director of surgical services at CPMC. His passion for equitable health outcomes has fueled his leadership efforts to provide equitable care across the Sutter system, which resulted in the design and implementation of a health equity program and Health Equity Index (HEI) across Sutter in 2017. Using a precision medicine-like approach, the HEI provides Sutter with a deeper understanding of health outcomes among different patient populations.

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A Rhodes Scholar, Dr. Lockhart earned his master's in economics at Oxford University, and received his M.D. and Ph.D. degrees from Cornell University. He is a board-certified anesthesiologist. An avid climber and backpacker, Dr. Lockhart has a long-standing passion for providing environmental science education and introducing the U.S. National Parks to an increasingly diverse population of people. He serves on the boards of the ECRI Institute, National Parks Conservation Association, REI, the David and Lucile Packard Foundation, and is chairman of Parks California – a new statewide nonprofit dedicated to supporting California's parks and public lands.



Jeff Gerard, MM **Sutter Health Organizational Sponsor**

Jeff Gerard has been with Sutter Health since 1999 and serves as senior vice president for strategic services. The services under his leadership encompass strategy and business intelligence, business development, innovation, marketing, digital strategy, information services, enterprise data management, health plan products, and network contracting.

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Prior to joining Sutter, Jeff was a health care consultant with Deloitte Consulting, with a focus on hospital merger integration. Prior to that, he served as the director of Business Development for Alta Bates Medical Center, as the vice president of Corporate Affairs for Davies Medical Center, as well as in a variety of roles with outpatient physician practices. (Both Alta Bates and Davies are now Sutter Health affiliates.)