

## Sample of participating faculty members in the UCSF StARR program

Faculty Member Name	Degree(s)	Rank	Primary Department or Program	Research Interest	Training Role
Auerbach, Andrew	MD	Professor	Medicine	assessments of patient outcomes in different systems of care, with a special interest in the hospitalist model and perioperative medicine, with a special focus on quality measurement and implementation research	Research mentor
Bauer, Douglas	MD	Professor	Medicine	Osteoporosis, Thyroid disease, clinical trials, biomarkers	Advisory board member and research mentor
Bibbins-Domingo, Kirsten	MD, PhD	Professor	Medicine	Cardiovascular Disease, Diabetes, Chronic Kidney Disease, Racial, Ethnic, Income Disparities in Chronic Disease	Co-program director and research mentor
Blanc, Paul	MD, MSPH	Prof	Medicine	Occupational Environ Med	Research mentor
Brindis, Claire	DrPH, MPH	Professor	Medicine	Health Policy	Research mentor
Burchard, Esteban	MD, MPH	Professor	Bioengineering & Therapeutics Dept. of Medicine	Lung Diseases, Genetics, Precision Medicine	Research mentor
Butte, Atul	MD, PhD	Distinguished Professor	Institute for Computational Health Sciences Pediatrics, Biological and Therapeutic Sciences, and (Biomedical Informatics/Biophysics Program)	Creation and application of tools that convert more than 400 trillion points of molecular, clinical, and epidemiological data into diagnostics, therapeutics, and new insights into disease	Research mentor
Cabana, Michael	MD, MPH	Professor	Pediatrics	measurement of quality of care, physician use of clinical practice guidelines, asthma management, and primary prevention of asthma	Advisory board member and research mentor

Calfee, Carolyn	MD	Associate Professor	Medicine	Acute lung injury, acute respiratory distress syndrome	Advisory board member and research mentor
Cattamanchi, Adithya	MD, MAS	Associate Professor	Medicine	Tuberculosis	Research mentor
Cohen, Beth	MD, MAS	Associate Professor	Medicine	Posttraumatic Stress Disorder, Cardiovascular Disease, Health Services Research, Health Informatics	Research mentor
Collard, Hal	MD	Associate Professor	Medicine, Division of Pulmonary and Critical Care	Interstitial Lung Disease	Research mentor
Dohan, Dan	PhD	Professor	Health Policy and Social Medicine; IHPS	Culture of Medicine; integrating qualitative and narrative data into clinical decision-making and patient-centered outcomes research	Research mentor
Fang, Margaret	MD, MPH	Associate Professor	Medicine	Cardiovascular epidemiology and outcomes, anticoagulation, atrial fibrillation, venous thromboembolism, hospital medicine	Research mentor
Fernandez, Alicia	MD	Professor	Internal Medicine	Diabetes among Latinos	Research mentor
Fineman, Jeffrey R.	MD	Professor	Pediatrics	Pediatric Pulmonary Vascular Disorders Vascular endothelial cell function	Advisory board member and research mentor
Fukuoka, Yoshimi	RN, PhD, FAAN	Associate Professor	Physiological Nursing	Technology and health interventions; diabetes; health disparities	Research mentor

Fullerton, Heather Jean	MD, MAS	Professor	Medicine	Childhood stroke, association between common infections and a focal cerebral arteriopathy that is commonly observed in previously healthy children presenting with an ischemic stroke.	Research mentor
Ganz, Peter	MD	Professor	Medicine	Endothelium, vascular biology, atherosclerosis, proteomics, precision medicine, aging	Advisory board member and research mentor
Gonzales, Ralph	MD, MSPH	Professor	Medicine	Health services research, implementation science, health care value	Research mentor
Grady, Deborah	MD, MPH	Professor	Medicine	Postmenopausal hormone therapy, coronary disease, research methods, clinical trials	Advisory board member and research mentor
Grant, Richard W	MD, MPH	Associate Professor, Research Scientist III	Division of Research, KPNC	Type 2 diabetes, health care delivery for patients with multiple co-morbidity, research training	Research mentor
Handley, Margaret	PhD	Professor	Epidemiology and Biostatistics	Models for Integration of Public Health and Primary Care, Implementation and Dissemination Sciences	Research mentor
Hellman, Judith	MD	Professor	Anesthesia	Sepsis, Acute Lung Injury/ARDS, multiple organ failure, innate immunity, endothelial biology in sepsis and critical illness	Advisory board member and research mentor
Hetts, Steven	MD	Professor	Radiology	Endovascular medical devices, stroke, cancer, medical imaging	Research mentor
Hsia, Renee Yuen-Jan	MD MSc	Professor	Emergency Medicine	trauma centers, health services accessability, emergency medicine services, hospital wounds and injuries	Research mentor

Hsue, Priscilla	MD	Professor	Medicine	Pathogenesis, clinical features, and outcomes of cardiovascular disease in HIV patients	Research mentor
Huang, Alison	MD, MAS	Associate Professor	Medicine	Vasomotor symptoms, cardiac autonomic function, menopausal health, clinical trials	Co-program director and research mentor
Huang, Laurence	MD	Professor	Medicine	HIV-associated Pulmonary Diseases, Lung Microbiome	Research mentor
Kanaya, Alka	MD	Professor	Medicine	Type 2 diabetes, obesity, metabolic syndrome, cardiovascular disease, racial/ethnic disparities, women's health, adipokines, body composition, diabetes prevention, behavioral interventions, novel risk factors.	Research mentor
Keller, Roberta	MD	Assoc Prof	Pediatrics	Investigation of outcomes of infants with developmental lung disease, evaluating physiological, anatomical and biochemical predictors of these outcomes in extremely premature newborns and infants with congenital diaphragmatic hernia.	Research mentor
Kim, Anthony	MD, MAS	Associate Professor	Neurology	stroke, transient ischemic attack, clinical trials, global epidemiology of stroke	Research mentor
Kim, Helen	PhD, MPH	Associate Professor	Anesthesia	Vascular malformations, hemorrhagic stroke, outcomes, advanced epidemiological methods	Research mentor

Klein, Liviu	MD, MS	Associate Professor	Medicine	Heart failure, epidemiology, sudden death, hemodynamic sensors, mechanical circulatory support, heart transplantation, cardiovascular device development	Research mentor
Koth, Laura	MD	Professor	Medicine	immunologic mechanisms of lung inflammation and macrophage activation	Research mentor
Lee, Jae-Woo	MD	Associate Professor	Anesthesiology	acute lung injury/acute respiratory distress syndrome, mesenchymal stem cells, stem cell-based therapy, and ventilation	Research mentor
Liu, Kathleen	MD; PhD, MAS	Professor	Internal Medicine	Acute kidney injury, biomarkers, clinical trials	Research mentor
Marcus, Gregory	MD, MAS	Associate Professor	Medicine/ Cardiology	Arrhythmias Technology	Research mentor
Matthay, Michael A.	MD	Professor	Medicine	ARDS, Sepsis, Pulmonary Edema	Advisory board member and research mentor
McCulloch, Chuck	PhD	Professor	Epidemiology and Biostatistics	Development and Use of Statistical Models for Longitudinal Data Analysis, Mixed and Latent Class Models	Research mentor
Metcalfe, John Z.	MD, PhD, MPH	Associate Professor	Medicine	Epidemiology; Mycobacterium tuberculosis, including drug resistance; validation of diagnostic tests; risk prediction; biomarkers; interferon-gamma release assays; causal inference	Research mentor

Olgin, Jeffrey	MD	Professor	Medicine	Mechanisms of arrhythmias, remodeling and cardiac fibrosis, atrial fibrillation, ventricular fibrillation, sudden death, prediction of atrial fibrillation, prediction of sudden death	Advisory board member and research mentor
Peralta, Carmen	MD, MAS	Associate Professor	Medicine	Chronic kidney disease, Hypertension	Research mentor
Rutherford, George	MD, AM	Professor	Epidemiology and Biostatistics	Infectious disease epidemiology, HIV, sexually transmitted infections, tuberculosis	Research mentor
Sarkar, Urmimala	MD	Associate Professor	Medicine	Patient safety, adverse drug events, missed and delayed diagnoses, health information technology, social media, health literacy, health disparities, chronic diseases, diabetes, implementation sciences	Research mentor
Seo, Youngho	PhD	Professor	Radiology and Biomedical Imaging	Cardiovascular imaging, cancer- and cancer treatment-associated complications, novel imaging system development	Research mentor
Shlipak, Michael	MD, MPH	Professor in Residence	Medicine	Chronic kidney disease	Research mentor
Singer, Jonathan	MD, MS	Assistant Professor	Medicine	The impact of frailty and body composition on patient-centered outcomes in advanced lung disease and lung transplantation	Research mentor
Srivastava, Deepak	MD	Professor	Pediatrics	Cardiovascular disease; stem cells	Research mentor

Tseng, Elaine	MD	Professor	Surgery	Biomechanics, Fluid Dynamics, Finite element analyses, Fluid structure interaction simulations of transcatheter valves, aortic aneurysms, Ross procedure	Research mentor
Whooley, Mary	MD	Professor	Medicine	Clinical Informatics; Cardiac Rehabilitation; Depression and cardiovascular disease	Research mentor
Woodruff, Prescott G.	M.D., M.P.H	Professor of Medicine, Step 1	Division of Pulmonary, Critical Care and Sleep Medicine	COPD and Asthma	Research mentor