

Bios

Adithya Cattamanchi

Adithya Cattamanchi, MD, is Associate Professor of Medicine in the School of Medicine at UCSF. The major focus of his research program is to improve the diagnosis and treatment of patients with tuberculosis (TB). Each year, nearly 2 million of the 8 million estimated patients with TB worldwide are “missed.” The failure to diagnose TB rapidly and initiate treatment contributes to worse outcomes for patients and ongoing transmission of the disease in the community. To address this challenge, he has developed an innovative research program that spans the translational research spectrum. First, his group collaborates actively with basic scientists and engineers to identify novel biomarkers for TB screening and diagnosis and to develop point-of-care platforms for biomarker detection. Second, he conducts primary studies at field sites in Uganda and the Philippines and systematic reviews to support guideline development for TB diagnostics. He focuses not only on diagnostic accuracy but also on evaluating the impact of new diagnostics on clinical decisions and patient outcomes. Third, he measures the quality of care delivered to patients with TB and use implementation science-based approaches to develop and test strategies to improve care delivery. His expertise in this area has led to collaborations to study and improve care delivery for other lung health conditions (e.g., asthma, COPD) in domestic and international settings.

Gabe Chamie

Gabriel Chamie, MD, MPH, is an Associate Professor of Medicine and a faculty member in the Division of HIV, Infectious Diseases and Global Medicine at UCSF. Dr. Chamie has been conducting HIV and TB clinical and epidemiological research in sub-Saharan Africa since 2008. His research interests include community-based HIV and tuberculosis (TB) diagnosis, TB/HIV co-infection, TB preventive therapy and TB transmission dynamics in settings with generalized HIV epidemics. He is a co-investigator in the SEARCH Trial of a “test and treat” approach in East Africa, and serves as Chair of the SEARCH Trial HIV Testing Working Group implementing large-scale, multi-disease community health campaigns and population-wide HIV testing. He is also co-Principal Investigator of the IBIS-Health study, investigating novel incentive approaches to increase HIV testing and treatment in rural Uganda, and co-PI of the Drinkers’ Intervention to Prevent TB (DIPT) study. He has an active clinical practice in HIV and TB clinics at San Francisco General Hospital.

Jenny Flood

Jennifer Flood, MD, is the Chief of the Tuberculosis Control Branch at the California Department of Public Health. She is an infectious disease physician and Associate Clinical Professor of Medicine at UCSF, and provides clinical care for patients with active and latent TB infection at the San Francisco Department of Public Health TB Clinic. In her capacity as state TB controller, Dr. Flood has led the development of a TB elimination plan for California. She serves as principal investigator for California’s TB Epidemiologic Studies Consortium. Her research interest are TB drug resistance and infectious disease elimination strategies.

Eric Goosby

Eric Goosby, MD, is Professor of Medicine in the School of Medicine at UCSF. He is an internationally recognized expert on infectious diseases who has participated in program and policy development at the highest levels of government. He was the founding director of the Ryan White CARE Act in 1991 and subsequently served in the Clinton Administration to expand the program considerably. As Global AIDS Coordinator under President Barack Obama, he was responsible for implementing the President’s emergency Plan for AIDS Relief (PEPFAR).

He currently serves as the UN Secretary-General’s Special Envoy on Tuberculosis. Dr. Goosby is an elected member of the National Academy and currently serves as Director of the Center for Global Health Delivery and Diplomacy at the UCSF Institute for Global Health Sciences. He has served as a mentor to countless mentees in areas of policy and advocacy for millions of patients living with HIV and other infectious diseases.

C. Robert Horsburgh

C. Robert Horsburgh, MD, has 30 years of experience in public health and medicine. He currently holds faculty positions at the Boston University School of Public Health in the Department of Biostatistics, the Department of Global Health and the Department of Medicine. Dr. Horsburgh teaches courses in the Epidemiology of AIDS and the Epidemiology of Tuberculosis. His research focuses on tuberculosis, nontuberculous mycobacterial infections and opportunistic infections in AIDS. Currently, he is involved in research in Brazil, India, Peru, South Africa and Tanzania. He has served as the National Steering Committee Co-Chairman of the Tuberculosis Trials Consortium and the Tuberculosis Epidemiologic Studies Consortium. He is currently the Chairman of the Steering Committee of RESIST-TB, an international organization dedicated to improving MDR-TB treatment through Clinical Trials (resisttb.org).

Marjorie Imperial

Marjorie Imperial is a graduate student at Rada Savic's laboratory in the School of Pharmacy at UCSF. She is developing computational models that investigate the variability observed in drug response. Ultimately, the goal is to apply these models to provide personalized medicine for improved diagnosis, therapies, and prognosis of diseases.

Devan Jaganath

Devan Jaganath, MD, MPH, is a clinical fellow in the UCSF Division of Pediatric Infectious Diseases and Global Health. His research focuses on TB diagnostics and improving the care of children with TB. He is a co-investigator in the Evaluation of Novel Diagnostics for Childhood Tuberculosis (END Childhood TB) study in Kampala, Uganda.

Carina Marquez

Carina Marquez, MD, is an Assistant Professor of Medicine at UCSF and the Associate Director of Education in the Division of HIV, Infectious Diseases, and Global Medicine at Zuckerberg San Francisco General Hospital (ZSFG). Her research focuses on elucidating the drivers of the large latent TB reservoir in East Africa and developing interventions to prevent TB infection and to improve the TB care continuum for HIV-infected and uninfected children and adults living in sub-Saharan Africa. She is the Associate Director of the Infectious Diseases Clinic at ZSFG, and directs the SALUD clinic, a clinic within the Positive Health Practice "Ward 86" at ZSFG that is dedicated to providing multidisciplinary care to monolingual Spanish-speaking HIV-infected patients.

Payam Nahid

Payam Nahid, MD, MPH, is Professor of Medicine in the School of Medicine at UCSF. He conducts clinical trials and translational research in TB with the goal of improving the care of patients with TB and HIV/TB worldwide. He conducts research in both the United States and internationally, specifically in Hanoi and Ho Chi Minh City, Vietnam. The research team in Vietnam conducts NIH and CDC-funded field studies of new TB diagnostics, Phase 2 and 3 clinical trials in TB therapeutics (as part of the CDC-TB Trials Consortium) and latent TB infection treatment implementation studies (sponsored by CDC-Division of Global Migration and Quarantine), in close partnership with the Vietnam National TB Program, the Vietnam National Lung Hospital, the Hanoi Lung Hospital, Cho Ray Hospital and the Vietnam National Institute of Hygiene and Epidemiology. He is protocol co-chair of an international, FDA-registration trial evaluating daily, high dose rifapentine-based shortened regimens for drug susceptible TB, sponsored by the CDC-TB Trials Consortium in partnership with the NIH AIDS Clinical Trials Group. He also serves on the WHO Task Force on the Development of Policies for Introduction of New TB Drugs and Treatment Regimens. With funding from NIH NIAID and in collaboration with

bench and translational scientists, he leads TB bio-marker discovery and qualification programs to identify improved biomarkers of treatment effect. He maintains an active academic clinical practice and attends at the Chest Clinic at San Francisco General Hospital, on the inpatient pulmonary service, the medical intensive care unit, and at the SFDPH TB Control Clinic. He provides clinical TB consultation and trainings as part of the CDC-funded UCSF Curry International Tuberculosis Center, and has contributed to the development of US and international practice guidelines for the treatment of TB.

Richard Pan

Richard Pan, MD, is a pediatrician, former UC Davis educator, and California State Senator proudly representing Sacramento, West Sacramento, Elk Grove and unincorporated areas of Sacramento County.

Dr. Pan chairs the Senate Committee on Health, the Budget and Fiscal Review Subcommittee on Health and Human Services and the Committee on Public Employment and Retirement. He also chairs the Senate Select Committees on Children with Special Needs, Asian Pacific Islander Affairs and the 2020 United States Census. He serves on the Senate Committees on Agriculture; Business, Professions and Economic Development; and Education.

Oren Rosenberg

Oren Rosenberg, MD, PhD, is Associate Professor of Medicine in the School of Medicine at UCSF. He is a physician-scientist who studies and treats infectious diseases. The goal of his laboratory is to discover and exploit molecular vulnerabilities in bacteria in order to design faster, cheaper, less toxic and more effective therapeutics to treat life-threatening infections.

Christina Yoon

Christina Yoon, MD, is an Assistant Professor of Medicine in the Division of Pulmonary & Critical Care Medicine at Zuckerberg San Francisco General Hospital, where she attends in the Medical Intensive Care Unit, Pulmonary Consult Service, and Tuberculosis Clinic. She is also co-director of the Communicable Diseases course in the UCSF Institute of Global Health Sciences Master's Program. Dr. Yoon's research focuses on identifying accurate and affordable TB diagnostic algorithms to improve the efficiency of TB diagnosis and delivery of TB preventive therapy among high-risk populations in resource-limited settings.

Charet Wynn

Charet Wynn is a Bay Area native and an avid traveler. She contracted active pulmonary TB in the summer of 2016 while out of the country, yet wasn't diagnosed until early 2017. The duration of her treatment was approximately one year. As both a former UCSF patient and current UCSF employee, Charet is here today to share her journey with us.