

Bios

World TB Day Symposium

Center for Tuberculosis
UCSF
University of California
San Francisco



Payam Nahid, MD, MPH



Dr. Payam Nahid is a pulmonologist, epidemiologist and clinical trialist. He is Professor of Medicine in the Division of Pulmonary and Critical Care Medicine at UCSF, Director of the UCSF Center for Tuberculosis, Co-Director of the UCSF-UC Berkeley Tuberculosis Research Advancement Center (UC TRAC) and Director of Clinical Trials Operations in the UCSF Office of Research. Dr. Nahid serves as the

Senior Research Advisor to the SMART4TB Consortium. His research includes the conduct of clinical trials and translational research in TB with the goal of improving the care of patients with TB and HIV/TB worldwide. Dr. Nahid has led and contributed to the development of U.S. and international practice guidelines for the treatment of TB.

Lisa Chen, MD



Dr. Chen is a Professor of Medicine in the division of Pulmonary and Critical Care Medicine at the University of California San Francisco. She heads the Curry International TB Center at UCSF, which serves as a CDC Center of Excellence for TB training, education, and consultation. She is the current president for the North American Region International Union Against Tuberculosis and Lung Disease (NAR IUATLD) and serves

on the Coordinating Board for STOP-TB USA and the federal DHHS Advisory Council for the Elimination of TB. Dr. Chen's international contributions for over 15+ years have been as a technical program advisor and education specialist for the development and strengthening of national programmatic management of drug-resistant tuberculosis (PMDT) in Tanzania, Uganda, and Indonesia. She more recently served as the Senior Director for the global MECOR research training program of the American Thoracic Society and has been in key leadership for the joint UCSF/UCLA/CDPH California public health training initiative for Covid-19 case investigation and contact tracing.

Adithya Cattamanchi, MD, MAS



Dr. Cattamanchi is a Professor of Medicine and Public Health, and Chief of the Division of Pulmonary Diseases and Critical Care Medicine at the University of California San Francisco/Irvine. His research over the past 15 years has focused on the epidemiology of tuberculosis (TB) and the development, evaluation, and implementation of TB diagnostics in

high burden countries. He has served on multiple World Health Organization guideline development panels for various TB diagnostics, the Board of Advisors for the CDC TB Epidemiologic Studies Consortium and on the CDC Advisory

Council on Elimination of Tuberculosis. In addition to research, he is involved in mentoring and training in implementation science research. He co-directed the UCSF Implementation Science Training Program for 5 years and co-directs the introductory course, co-directs an NHLBI K12 program in implementation research for heart and lung diseases and is involved in two NIH Fogarty International Center D43 training programs related to implementation research in HIV and TB.

Achilles Katamba, PhD, MBChB, MS



Dr. Achilles Katamba MBChB, DCH, MSc PhD is a senior Lecturer in the Department of Medicine, College of Health Sciences at Makerere University, Kampala, Uganda. He is a Clinical Epidemiologist with over fifteen years of experience in the design, conduct and implementation of health services research in hospital and community-based settings in Uganda. He serves as the Ugandan head of the Uganda TB

Implementation Research Consortium (U-TIRC - <https://www.u-tirc.org>) that focuses on improving TB diagnosis and care by undertaking high-quality clinical, epidemiological and implementation science research that seeks to identify barriers to TB evaluation, to develop implementation strategies to address the barriers, and to evaluate the impact and effectiveness of these strategies at different health facilities in Uganda. He is also responsible for scientific and Career development mentoring and providing administrative support critical to the implementation of the National Institutes of Health Fogarty International Center grant supporting the Pulmonary Complications of AIDS Research Training (PART) Program (<https://www.u-tirc.org/part>) which seeks to mentor Ugandan investigators to improve translational research skills at Makerere University.

Liya Wassie, PhD



Dr. Wassie is a Senior Scientist at the Armauer Hansen Research Institute (AHRI) in Addis Ababa, Ethiopia. Her research focus has been on understanding immune responses during TB infection, particularly latent TB and identifying biomarkers with potential applications to improve TB diagnostics and vaccines. She previously served as the site PI for the NIH NIAID funded TBRU-ASTRA entitled "Role of Antigen-Specific T Cell

Responses in the Control of TB".

BIOS (continued)

Segundo R. León, MPH



Segundo R. León holds a bachelor's in laboratory medical technology from San Marcos National University and a Master in Infectious and Tropical Diseases from Cayetano Heredia Peruvian University, both in Lima, Peru. He was a Fogarty fellow at UCSF where he took the Training in Clinical Research

and the International Training in AIDS Prevention Studies. Also, he was a fellow at University of Washington Program in Global Health Diagnostics. He is author/co-author of around 100 publications in HIV, TB and other infection diagnostics. Segundo has also initiated the Laboratory of Sexual Health at Cayetano Heredia University and the Laboratory of Molecular Epidemiology at San Marcos University, then he joined Partners in Health office in Peru where he implemented several studies in TB in close collaboration with Harvard and Boston universities. He is also an associated professor at San Juan Private University where he teaches undergraduate/graduate students about global health diagnostics and research methods and use to have international fellows, in his experience he mentored students from Harvard, Manchester, UCSF, UCLA among others.

Toyin Togun, MD, MPH, PhD



Dr. Toyin Togun is a clinician-scientist whose research interest is focused on the discovery and practical application of new tools and strategies to improve the diagnosis and management of childhood tuberculosis (TB) in high

burden settings. He is the work package leader for childhood TB in the EDCTP-funded West African Network of Excellence for TB, AIDS, and Malaria (WANETAM) consortium, and he led a UKRI-GCRF funded project that has established a multi-country and inter-disciplinary platform for clinical, epidemiological, and applied health research on post-TB lung health in children in West Africa. Toyin had his medical training in Nigeria and completed a master's degree in public health at the LSHTM. His MRC clinical PhD training fellowship was an immunological project on childhood TB that centred on the interface between diagnostic algorithms and discovery of diagnostic biomarkers. Prior to joining the LSHTM, he completed a prestigious Steinberg Global Health Postdoctoral fellowship at McGill University, Montreal, Canada.

Finn McQuaid, MSc, PhD



Dr. McQuaid is a mathematical modeller at the London School of Hygiene and Tropical Medicine, with experience in modelling infectious diseases in a range of settings. He is the TB Modelling and Analysis Consortium (TB MAC) Secretariat Epidemiologist, involved in developing guidance and resources for country-level TB modelling to support decision-making, and

facilitating coordination between international funders and stakeholders. He is also a member of the TB Modelling Group, researching drug-resistant tuberculosis, treatment adherence and the impact of COVID-19 on TB. He is currently co-director of the TB Centre. He gained a BSc (hons) in Mathematics from Rhodes University, South Africa, and was awarded a Commonwealth Scholarship to study for an MSc and subsequent PhD in Mathematical Biology at the University of Bath. Before joining LSHTM he worked on global food security at Rothamsted Research, developing spatially-explicit models for the control of cassava diseases in sub-Saharan Africa.

Elizabeth Fair, PhD, MPH



Dr. Fair is an infectious disease epidemiologist with a primary faculty appointment in the Department of Medicine, Division of Pulmonary and Critical Care Medicine and has an affiliate faculty appointment in the Institute for Global Health Sciences. Dr. Fair's research interests include tuberculosis, TB/HIV, global health, and operational research. Her current work focuses on public health

interventions for intensified TB case finding in high-burden settings. As an educator Dr. Fair teaches, mentors, and serves as Director of the PhD Program in Global Health in the UCSF Institute for Global Health Sciences, as well as co-Director of the TB Research and Mentoring Program (TB RAMP) and co-Director of the Development Core of the TRAC.

Sophie Huddart, PhD



Dr. Sophie Huddart is a tuberculosis epidemiologist and postdoctoral scholar at UCSF. She is interested in TB quality of care, especially how it influences the long-term outcomes of people with TB.

Bios (continued)

Alex Kityamuwesi, MBChB, MSc



Alex Kityamuwesi is a Physician Scientist and Fogarty UCGHI GloCal Fellow from Kampala, Uganda. His research work focuses on increasing patient access to cost-effective interventions in tuberculosis diagnosis, treatment and prevention in low-resource settings like Uganda. He completed his Medical training and Masters degree in Clinical

Epidemiology and Biostatistics from Makerere University College of Health Sciences, Kampala, Uganda.

Suzanne Dufault, PhD



Dr. Dufault is a biostatistics postdoctoral scholar at UCSF working with Dr. Patrick Phillips on methodological and applied research in the design, conduct, and analysis of randomized clinical trials in TB. Primarily, I aim to develop and expand therapeutic trial designs, with a particular emphasis on the duration-response model as a promising new alternative. The

evolution of clinical trial design to maintain its expected rigor and robustness to bias, while removing many of the limitations common in gold standard approaches (e.g., arbitrary non-inferiority margins and large sample sizes) is essential to moving evidence-based public health efforts forward.

Solima Sabeel, PhD



Dr. Sabeel is a medical microbiologist originally from Sudan.

Currently, she is an active member of the StatinTB clinical trial phase IIb; a proof-of-concept to evaluate whether statins, widely used cholesterol-lowering drugs, could be employed as a repurposed drug for host-

directed drug therapy (HDT) in tuberculosis.

She worked as a teaching assistant at Ibn Sian University. Furthermore, she was the first Sudanese woman who was appointed as the American Society for Microbiology (ASM) – Young Ambassador in Sudan. She proved her leadership skills which make her an excellent candidate to be ASM – young leader circle member to represent the African continent.

Jeffrey Tornheim, MD, MPH



Dr. Tornheim is an Assistant Professor of Medicine, Pediatrics, and International Health in the Division of Infectious Diseases at Johns Hopkins University and a TB clinician at the Baltimore City Health Department. He completed a combined residency in Internal Medicine and Pediatrics at the Yale University School of Medicine and a clinical

fellowship in Infectious Diseases at the Johns Hopkins University School of Medicine before joining the faculty in 2017. For the past 20 years he has engaged in clinical care, physician education, and translational research in India, South America, and sub-Saharan Africa.

He is a member of the AIDS Clinical Trials Group Tuberculosis Transformative Science Group, the IMPAACT Network TB Scientific Committee, and a principal investigator in the RePORT India Consortium. His research focuses on cohort epidemiology and implementation of multi-omic diagnostic tools for personalized therapy of drug-resistant tuberculosis, combining whole genome sequencing, expanded susceptibility testing, and therapeutic drug monitoring to improve treatment outcomes while reducing side effects.

Rocio Agraz-Lara, MSN, RN, PHN



Rocio started her career in TB Control and Prevention in 1996 and was completely captivated. She spent ten years, working for the State TB Control Branch in multiple projects involving research, genotyping, surveillance, epidemiology, TB outbreak response, MDR-TB consultation, and study recruitment. For the past 15

years, she's been developing and evolving as a TB Nurse, encountering many challenges but also finding her TB career rewarding.

Tay Taylor



Tay is a brave transgender, feminist, advocate for LGBTQ rights, TB advocate and Survivor. She speaks what's on her mind and is true to her words. Tay strives for success and is proud of what she's become.

Bios (continued)

Sara Suliman, PhD, MPH



Dr. Sara Suliman is an infectious disease immunologist and an assistant professor in the UCSF Division of Experimental Medicine at the Zuckerberg San Francisco General Hospital. She has extensive experience in biomarker discovery and clinical trials of candidate TB vaccines. Her lab uses multiple

approaches to understand risk of progression to active TB disease and to identify candidate TB risk pathways and their role in TB progression.

Paul Ogongo, PhD



Dr. Ogongo earned his PhD from University of KwaZulu-Natal and Africa Health Research Institute (AHRI), South Africa, with Dr. Alasdair Leslie where he studied lung tissue resident memory T-cell response to *M. tuberculosis* in humans. His thesis demonstrated the enrichment of $\gamma\delta$ T-cells in lesions of *Mtb* infected lung

and the role of CD4 producing IL-17 T-cells in immune control of TB. Paul is a Postdoc with Prof. Joel Ernst at the University of California, San Francisco, where he focuses on High resolution analysis of human *M. tuberculosis* specific T-cells. Paul is a Postdoctoral Fellow of the Helen Hay Whitney Foundation.

Janice Louie, MD



Dr. Louie is Medical Director of the San Francisco Department of Public Health Tuberculosis Prevention and Control Program, and Assistant Clinical Professor in the University of California San Francisco Department of Medicine. Her primary focus is to ensure continued excellence in the clinical

management of tuberculosis, provide mentorship and training to fellows, residents, and other trainees, and advancing clinical practices in tuberculosis with a focus on the elderly.

Allison Phillips, DNP, NP-C



Allison Phillips is a nurse practitioner with the San Francisco Department of Public Health Tuberculosis Clinic. She has been working in TB care for three years. Prior to this, she worked in HIV prevention research and sexually transmitted infections. She loves working in the TB clinic and providing culturally compassionate care to folks

from all over the world with the amazing TB clinic team. She has recently started a nurse preceptorship program with UCSF to train future nurse practitioners in latent TB care. When she's not in an Epic rabbit hole, she can be found on her mountain bike or climbing rocks around the Bay area.

George Lee, RN

George started his career in health care as licensed vocational nurse (LVN) in 2012. He worked in several institutions before starting his LVN career at SFDPH TB Clinic in 2012. Shortly after starting at SFDPH TB Clinic, he returned to school to obtain his registered nurse license (RN). Once he became a RN, he returned to TB Clinic part-time and eventually becoming full-time in 2018. Currently, George rotates as charge nurse, manages complicated active TB cases, provides clinical support, and discharge planning. He has earned expertise in case managing pediatric case and unhouseed patients. He provides compassionate and culturally appropriate care.

Devan Jaganath, MD, MPH



Dr Jaganath utilizes clinical research and data science methods to evaluate new TB diagnostics, discover TB biomarkers, and develop digital health solutions to improve TB care, with a particular interest in childhood TB. He is part of the END Childhood TB Study in Kampala, Uganda to evaluate novel non-sputum,

biomarker-based tests for pediatric intra-thoracic TB. In biomarker discovery, He is working to identify a urine-based proteomic biosignature for diagnosing childhood TB, and he is part of the COMBO study to examine other novel pathogen and host biomarkers for TB diagnosis in children. Dr. Jaganath also examines mobile and digital health innovations to improve TB diagnosis and monitoring, including the development of electronic medical record (EMR)-based tools to improve the screening and management of children with latent TB infection.