



Next Breath & WFF 2021

From Water to Air; Scientific Pathways towards a Clearer, Cleaner Future.

Peter Small

Founding director, Stony Brook's Global Health Institute (GHI) Affiliate Professor of Global Health, University of Washington Chief Medical Officer, Hyfe, Inc



Talk Title — Acoustic Epidemiology: What Cough Can Teach Us About Ourselves and the World We Live In

"Cough is a rich signal that contains information about the health of individuals, communities and environments. The ability of AI enabled devices to monitoring coughing will empower patients, improve the delivery of health care, assist pandemic prevention and perhaps provide real time information on air quality."

Peter Small

Peter M. Small, M.D. is an Affiliate Professor of Global Health at the <u>University of Washington</u> and Chief Medical Officer of <u>Hyfe, Inc.</u> He practiced Internal Medicine and Infectious Diseases in the San Francisco Bay area at the dawn of the HIV epidemic. At Stanford, he published pioneering molecular epidemiological papers about the resurgence of tuberculosis and mycobacterial population genetics. In 2002, he joined the Bill and Melinda Gates Foundation where he built and ran the foundation's TB program. In 2015 he founded Stony Brook University's Global Health Institute focused on the use of technology to delivery health care in remote Madagascar and Nepal. More recently he was a Rockefeller Foundation Fellow exploring how technology can improve health in LMICs and the Senior Director of Global Health Technologies at Global Health Labs (formerly Global Good) in Bellevue.

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