

Dr. Stephanie James is Senior Scientific Advisor for the GeneConvene Global Collaborative at the Foundation for the National Institutes of Health (FNIH). She has over 35 years of experience leading global health programs, having served as Chief of the Parasitology and International Programs Branch at the National Institute of Allergy and Infectious Diseases, NIH, President of the American Society of Tropical Medicine and Hygiene, Director of the Global Infectious Disease program at The Ellison Medical Foundation, and Director of the Grand Challenges in Global Health Initiative at FNIH. As Senior Vice President for Science at FNIH, she founded the GeneConvene Global Collaborative, which aims to promote best practices and informed decision making for development of genetic biocontrol technologies to improve public health.

Sameer Halai is Founder and CEO of Hub Public Benefit Corp, where he leads the development of digital public infrastructure for trusted knowledge and coordinated communities. Hub operates initiatives including Wehealth® and PHapp®, which support more than 3,000 communities with verified public health information and response tools. Over the past two decades, Halai has co-founded and led ventures spanning public health, energy access, and digital platforms. He co-founded SunFunder, a Tanzania-based solar finance company that expanded energy access across grid-deficit regions in Africa, Asia and Latin America. He also co-founded Jirav and worked as a Program Manager at Microsoft Research. Halai is currently an Adjunct Professor at the University of Arizona's Mel and Enid Zuckerman College of Public Health.

Professor **Scott O'Neill** (PhD FAA FAAAS) is the CEO of the World Mosquito Program group of companies owned by Monash University. He has spent his academic career at the University of Illinois, Yale University, the University of Queensland and Monash University where he was the Dean of Science. Scott leads The World Mosquito Program, an international not-for-profit consortium that is working on the development of Wolbachia as a novel method to sustainably and cost effectively block transmission of arboviruses like dengue, Zika and chikungunya. The World Mosquito program is undertaking both pilot and scaled deployments in multiple countries. A central feature of this program is the emphasis on the use of Wolbachia to reduce pathogen transmission rather than suppress mosquito populations. Scott is an elected Fellow of the Australian Academy of Science, the American Association for the Advancement of Science, and the American Academy of Microbiology.

Dr. Maureen Lichtveld, a member of the National Academy of Medicine (NAM), is Dean of the School of Public Health, the Jonas Salk Chair in Population Health, and Professor of Environmental and Occupational Health at the University of Pittsburgh with over 35 years of expertise in environmental health. Her research focuses on environmentally induced disease, community-engaged environmental epidemiology studies, health disparities, climate and health, environmental health policy, disaster preparedness, public health systems and community resilience. She is actively involved in Caribbean-wide climate and health research and research training examining the impact of climate change and associated contamination of seafood as a food safety and security issue, and climate adaptation associated with the impact of coastal erosion on forced migration of indigenous nations, including pregnant women with minimal access to health services. She provides technical expertise to several NAM and NASEM committees, including the NAM Grand Challenge in Climate and Health, HMD Boards, Roundtables, and Committees. She is a member of the National Research Council. Dean Lichtveld is the past-Chair of the Consortium of Universities for Global Health. She has co-authored the textbook on Environmental Policy and Public Health. Honors include Johns

Hopkins University Society of Scholars, CDC Environmental Health Scientist of the Year, and Woman of the Year of the City of New Orleans for contributions to science.