

Epidemic and Outbreak Response: Challenges in Diagnosis and Biosecurity

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Dr. Chu, who received her doctoral degree in Tropical Medicine and Medical Microbiology from the University of Hawaii at Manoa, has recently completed 30 years of service at the Centers for Disease Control and Prevention (CDC), where she initially for bacterial zoonotic diseases (plague, tularemia and Lyme disease, 1993-2004). Thereafter, from 2004-2010, Dr. Chu was seconded to the World Health Organization (WHO), joining the outbreak and response team and later led the WHO Laboratory Alliances and Biosafety Team in the International Health Regulations Department. She returned briefly to CDC (2010-2013) as the Director of the Laboratory Science Policy and Practice Program overseeing programs on quality laboratory management, regulatory compliance and specimen repository, before being assigned in 2014-2015 to the White House Office of Science and Technology Policy as the Assistant Director for Public Health, where she was an integral part of the Presidential Select Agent Program (Bioterrorism). During her career, Dr. Chu has participated in multiple outbreak responses and field investigations and has led the building of sustainable laboratory systems in the labor