

Analysis to Enhance the Effectiveness of the Federal Quarantine Station Network based on Lessons from the COVID-19 Pandemic

Committee

Georges C. Benjamin

Chair

Georges C. Benjamin, MD, is a well-known health policy leader, practitioner, and administrator. He currently serves as the executive director of the American Public Health Association (APHA), the nation's oldest and largest organization of public health professionals. He is also a former secretary of health for the state of Maryland.

Dr. Benjamin is a graduate of the Illinois Institute of Technology and the University of Illinois College of Medicine. He is board-certified in internal medicine, a Master of the American College of Physicians, a fellow of the National Academy of Public Administration, a fellow emeritus of the American College of Emergency Physicians, and a member of the National Academy of Medicine. At APHA he serves as the publisher for the American Journal of Public Health, the Nation's Health Newspaper and APHA Press, the association's book company. He serves on several nonprofit boards such as Research!America, the Truth Foundation, the Environmental Defense Fund, Ceres, and the Reagan-Udall Foundation. He is also a former member of the National Infrastructure Advisory Council, a council that advises the President on how best to assure the security of the nation's critical infrastructure.

Ana Abraido-Lanza

Member

Dr. Ana Abraído-Lanza is Vice Dean of the School of Global Public Health and Professor in the Department of Social and Behavioral Sciences. Prior to joining NYU, she was Professor of Sociomedical Sciences at the Mailman School of Public Health of Columbia University. She received her PhD in Psychology from The Graduate School at the City University of New York. Her research expertise includes the cultural, psychological, social, and structural factors that affect health, psychological well-being, mortality among Latinos, and the health and the health of immigrant Latinos. She has served as a committee or Board member on the Hispanic Serving Health Professions Schools, the Community Task Force on Preventive Services of the Centers for Disease Control and Prevention (from 2006-2011), and several National Institutes of Health review groups among others. Dr. Abraído-Lanza's honors and awards include being selected as a Columbia University Provost Leadership Fellow, as well as receiving the Teaching Excellence Award from the Mailman School of Public Health of Columbia University, a Dalmas A. Taylor Distinguished Contributions Award from the Minority Fellowship Program of the American Psychological Association, and the Student Assembly Public Health Mentoring Award from the American Public Health Association.

Michele Barry

Member

Michele Barry, M.D., FACP, FASTMH, is Professor of Medicine and Tropical Diseases at Stanford University. She is the Director of the Center for Innovation in Global Health and Senior Associate Dean for Global Health. As a past President of the American Society of Tropical Medicine and Hygiene (ASTMH), she led an educational initiative in tropical medicine and travelers' health which culminated in diploma courses in tropical medicine both in the U.S. and overseas, as well as a U.S. certification exam. Dr. Barry is an elected member of the National Academy of Medicine (NAM) and an elected member of The American Academy of Arts and Sciences. She has been selected for Best Doctors in America and currently sits on the National Academies' Board on Global Health. She is Chair of the Board of Directors for the Consortium of Universities for Global Health (CUGH) and is a recipient of the Ben Kean Medal given every three years by the ASTMH to the outstanding tropical disease educator in the U.S. She is a recipient of the Elizabeth Blackwell Award for mentoring women in the U.S. towards careers in medicine and is the founder of the Gates funded WomenLift a global women's leadership program in the global health private and public sectors. She has written on the impact of COVID-19 on female academics amongst other areas in tropical diseases, global and refugee health.

Ietza Bojorquez

Member

Dr. Ietza Bojorquez is a professor-researcher at the Department of Population Studies, El Colegio de la Frontera Norte. From 2007-2010 she was the Director of Research at Mexico's Directorate of Epidemiology, Ministry of Health, where she was in charge of the surveillance system for the H1N1 pandemic of 2009. She conducts research from a social epidemiology/social determinants of health perspective. Her research focuses on mental health, migrant health, and the inclusion of migrants in health policies. Since 2018, she has been responsible for the Surveys on Migration in Mexico's Borders (EMIF), an interinstitutional effort to track migration flows in Northern and Southern Mexico. Her recent research projects address the health of Mexican migrants in the Mexico-US migration corridor, as well as non-Mexican in-transit migrants and asylum seekers in Mexico. She has been part of research teams studying the "migrant caravans" in the Mexico-US border. She is working on a project on the health-related impact of the COVID-19 pandemic on migrants in Mexico, which is funded by Mexico's Ministry of Health through an agreement with the US Centers for Disease Control and Prevention. She is a member of the board of the Latin America node, Lancet Commission on Migration and Health. She provided uncompensated expert public health evidence for litigation against the detention of migrants during the COVID-19 pandemic for the American Civil Liberties Union (ACLU) that has been resolved, and has signed an ACLU declaration opposing the use of Title 42 to return asylum seekers at the US border. She is part of Mexico's National System of Researchers (SNI). She holds an MD, an MSc in Public Health, and a PhD in Epidemiology.

J. Bradley Dickerson

Member

J. Bradley Dickerson, PhD leads the Sandia National Laboratories (SNL) Global Chemical and Biological Security (GCBS) group and OIE Collaborating Center for Laboratory Biorisk Management. He is also currently the Sandia National Laboratories Pandemic Response Coordinator. Sandia GCBS develops and applies system-based solutions to reduce the risk of accidental release, or intentional misuse of dangerous chemical and biological materials around the world. GCBS also works with the Centers for Disease Control and Prevention's (CDC) Center for Surveillance, Epidemiology, and Laboratory Services on laboratory biorisk management through an interagency agreement. Dr. Dickerson has held numerous leadership positions within the United States Government. Prior to joining SNL, he served as the Principal Scientific Officer in the Department of Justice's National Security Division working for the Committee on Foreign Investment in the United States (CFIUS). Prior to that, Dr. Dickerson served as the Senior Biodefense Advisor and the Director of Chemical Security Policy at the Department of Homeland Security (DHS). At DHS he was responsible for the development and implementation of policies associated with chemical and biological defense, pandemic preparedness, and infectious disease-related border and transportation issues. Dr. Dickerson also led the policy and strategy component of the Office of Public Health Preparedness and Response at the CDC (2013-2014). He worked in the United States Senate as Senator Bob Corker's Foreign Relations Legislative Assistant. Prior to government service, Dr. Dickerson was a researcher at St. Jude Children's Research Hospital and a pharmaceutical chemist at Schering-Plough Health Care Products. Dr. Dickerson holds degrees in Chemistry (BS), Biomedical Engineering (MS), and Biochemistry (PhD). He is a member of the Council on Foreign Relations.

Lawrence O. Gostin

Member

Lawrence O. Gostin is University Professor, Georgetown University's highest academic rank, and Founding O'Neill Chair in Global Health Law. He directs the World Health Organization Center on National and Global Health Law. Professor Gostin served on two global commissions on the Ebola epidemic, and was senior advisor to the UN Secretary General's post-Ebola Commission. He served on the drafting committee for the G-7 Summit on global health security. A Member of the National Academy of Medicine, he also serves on the National Academies' Global Health Board. The National Academy and American Public Health Association awarded him their Distinguished Achievement Award. He's a fellow of the Royal Society of Public Health and Faculty of Public Health (UK). President Obama appointed Gostin to the President's National Cancer Advisory Board. The National Consumer Council (UK) bestowed the Rosemary Delbridge Memorial Award for the person "who has most influenced Parliament and government to act for the welfare of society."

Moon Kim

Member

Moon Kim, MD, MPH is a Medical Epidemiologist in charge of the Hospital Outbreak and Biothreat Response Unit of the Los Angeles County Department of Public Health's (CDPH) Acute Communicable Disease Control (ACDC) Program and is responsible for investigating hospital outbreaks, emerging diseases (e.g., viral hemorrhagic fevers), and suspected cases of bioterrorism including anthrax, botulism, and smallpox. She has over 19 years of experience leading a variety of public health investigations and outbreaks (e.g., fungal endophthalmitis, hepatitis A, non-tuberculous mycobacteria, Legionellosis, aspergillosis, medical-device, and product contamination) and has worked with the Centers for Disease Control and Prevention (CDC) and CDPH investigating numerous outbreaks including those that are multi-jurisdictional.

During the COVID-19 pandemic, she served as the public health liaison to the Los Angeles CDC Quarantine Station which included traveler monitoring and screening activities, following up on Do Not Board (DNB) orders, overseeing outbreaks in the transportation sector (e.g., airlines, metro, transit), and planning/responding to maritime issues with the CDC. During the Ebola 2014-2016 outbreak in West Africa, she oversaw Ebola planning and response activities for suspected cases and traveler monitoring/screening activities for ACDC. She is board certified in Infectious Diseases and also received her Masters of Public Health from the UCLA School of Public Health.

Lonnie J. King

Member

Currently, Dr. King is the Academy Professor and Dean Emeritus, Ohio State University, College of Veterinary Medicine. He previously was Dean, College of Veterinary Medicine at Ohio State University, Dean of the College of Veterinary Medicine at Michigan State University, Interim Dean and University Vice-President for Agriculture at the College of Food, Agriculture and Environmental Sciences at Ohio State. Dr. King has also served as the Director of the National Center of Zoonotic, Vector-borne and Enteric Diseases with the Centers for Disease Control and Prevention (CDC) from 2006-2009, and was the Administrator for the Animal and Plant Health Inspection Service at the USDA where he also served as the Deputy Administrator for Veterinary Services and the Chief Veterinary Officer for the United States. His expertise focuses on emerging infectious diseases and zoonoses, food safety, global health, public health, and One Health. Dr. King has been active in antimicrobial resistance issues and working at the interface of human and animal diseases. Lonnie King is a member of the American Veterinary Medical Association and is a member of the National Academy of Medicine where he served as a member and vice-chair of the Forum on Microbial Threats for almost 10 years. He has been honored with global awards in One Health, and Meritorious Service via the OIE. He currently is serving for a 6th year as Co-Chair for PACCARB (President's Advisory Council to Combat Antibiotic Resistant Bacteria).

Marcelle Layton

Member

Marcelle Layton, MD, is the Assistant Commissioner for the Bureau of Communicable Disease at the New York City Department of Health and Mental Hygiene (DOHMH). As of December 1, 2021 she will be the Chief Medical Officer for the Council of State and Territorial Epidemiologists.

Dr. Layton has participated as a member in the National Academies' Forum on Microbial Threats; the University of Pittsburgh's Center for Civilian Biosecurity; the Executive Session on Domestic Preparedness of the John F. Kennedy School of Government, Harvard University; the National Academies' Committee on Effectiveness of National Biosurveillance Systems; Biowatch and the Public Health System; the H1N1 Subcommittee to the President's Council of Advisors on Science and Technology; the Centers for Disease Control's Board of Scientific Counselors (from 2008 to 2011) and the NIH's National Science Advisory Board for Biosecurity. She was previously on the Executive Board of the Council of State and Territorial Epidemiologists (CSTE) from 2013 to 2020.

Dr. Layton played a key role in NYC's public health response to the appearance of West Nile virus in 1999 and the attacks on the World Trade Center and intentional anthrax release in 2001, and has led the surveillance response to multiple emergencies in recent years including the 2009 H1N1 pandemic, the threat of imported Ebola and Zika virus and the current COVID-19 pandemic.

Stephen M. Ostroff

Member

Dr. Stephen Ostroff served as the Deputy Commissioner for Foods and Veterinary Medicine at the U.S. Food and Drug Administration (FDA) until early 2019. In addition to that position, he also served as FDA's Chief Scientist and Acting Commissioner on two occasions. Before joining the FDA, Dr. Ostroff worked at the Centers for Disease Control and Prevention (CDC) from 1986-2005, serving as the Deputy Director of the National Center for Infectious Diseases (NCID) and NCID Associate Director for Epidemiologic Science. He attained the rank of Assistant Surgeon General in the US Public Health Service Commissioned Corps. Between leaving CDC and joining FDA, Dr. Ostroff led the Bureau of Epidemiology and served as Acting Physician General at the Pennsylvania Department of Health in Harrisburg. Dr. Ostroff served as a member of the Healthy to Sail panel, which advised Royal Caribbean and Norwegian cruise lines on the development and implementation of COVID-19 health and safety protocols between June 2020 and April 2021. He continued to serve as a compensated consultant to Norwegian through October 2021, including providing declaratory statements in July-August 2021 in litigation between Norwegian cruise lines and the State of Florida regarding the importance of verifying COVID-19 vaccination status. He is a medical editor of CDC's Health Information for International Travel (the Yellow Book). Dr. Ostroff received his medical degree from the University of Pennsylvania School of Medicine and did residency training in internal medicine at the University of Colorado Health Sciences Center and preventive medicine at the CDC. He holds adjunct faculty appointments at Penn State College of Medicine and the University of Pittsburgh Graduate School of Public Health.

Edward T. Ryan

Member

Edward T. Ryan, M.D. is a physician, scientist, educator, and public health advocate. Dr. Ryan received his undergraduate degree from Princeton University and his doctorate in medicine from Harvard University. He performed his graduate medical training at Massachusetts General Hospital in Boston, USA. Dr. Ryan is a Professor of Immunology and Infectious Diseases-Harvard T.H. Chan School of Public Health, Professor of Medicine-Harvard Medical School, and Director of Global Infectious Diseases at Massachusetts General Hospital. Dr. Ryan's efforts focus on mitigating the burden and impact of global infectious diseases. Dr. Ryan is a U.S. National Institutes of Health (NIH) MERIT Awardee. Dr. Ryan's scholarly efforts include over 240 peer-reviewed publications, and 90 editorials, chapters, and reviews. He also serves in a number of editorial capacities and has served on expert and advisory committees and working groups for the World Health Organization (WHO), the Institute of Medicine-National Academy of Sciences, the U.S. CDC, the U.S. NIH, the Wellcome Trust, and PATH (formerly the Program for Appropriate Technologies in Health). Dr. Ryan is a previous President of the American Society of Tropical Medicine & Hygiene (ASTMH), and is a Fellow of the American College of Physicians, the Infectious Diseases Society of America, the ASTMH, and the American Academy of Microbiology.

Alessandro Vespignani

Member

Alessandro Vespignani is the Director of the Network Science Institute and Sternberg Family Distinguished University Professor with interdisciplinary appointments in the College of Computer and Information Science, College of Science and the Bouvé College of Health Sciences. Before joining Northeastern University, Vespignani was J.H.Rudy Professor of Informatics and Computing at Indiana University, serving as the Director of the Center for Complex Networks and Systems Research and the Associate Director of the Pervasive Technology Institute. His research interests include complex systems and networks, and the data-driven computational modeling of epidemics. Vespignani's recent work has focused on modeling the spatial spread of epidemics, including the realistic and data-driven modeling of emerging infectious diseases. Vespignani is a fellow of the American Physical Society and the Network Science Society. He has been inducted in the Academia Europaea (section Physics and Engineering), received the Doctorate Honoris Causa from Delft University of Technology in the Netherlands, and the John Graunt award for extraordinary achievements in one of the population sciences.

C. Jason Wang

Member

C. Jason Wang, MD, PhD, is Director of the Center for Policy, Outcomes, and Prevention and co-chair of the mobile health group in the Center for Population Health Sciences at Stanford University. He received his B.S. from MIT; M.D. from Harvard Medical School, and Ph.D. in policy analysis from RAND. After pediatric residency training at UCSF, he worked in Greater China with McKinsey and Company. In 2000, he served as the project manager for Taiwan's Healthcare Reform Taskforce. He is currently on the RAND Health board. Dr. Wang has conducted an independent evaluation on Taiwan's COVID-19 response and has published extensively on both Taiwan's experience as well as other ways to improve the detection, containment and mitigation of COVID-19. Among his honors, he was selected as the student speaker for the Harvard Medical School commencement ceremony in 1996, a recipient of the 2011 NIH Director's New Innovator Award, and an invited speaker for Johns Hopkins Bloomberg School of Public Health's 100th Year, Child Health Policy Symposium.

Rueben Warren

Member

Rueben C. Warren is Professor of Bioethics & Director of the National Center for Bioethics in Research and Health Care, Tuskegee University. He was Dean, School of Dentistry, Meharry Medical College (MMC) (1983-1988); Associate Director for Minority Health at the Centers for Disease Control and Prevention (1988-1997); Associate Director for Urban Affairs, Agency for Toxic Substances and Disease Registry (1997-2004); Director of Infrastructure Development, National Institute for Minority Health and Health Disparities-NIH (part-time- 2004-2007). Professional/Research interests: health services research, minority health, public health, ethics and theology, environmental justice and international health.

In 1999, Dr. Warren received the Distinguished Harvard Alumni Award. From Meharry Medical College (MMC), he received the following: Honorary Degree of Doctor of Medical Science (1999), President's Distinguished Service Award (2001), School of Dentistry-Dean Emeritus (2003), Honorary Doctor of Humane Letter (2013). From the NYU School of Dentistry he received the Michael C. Alfano Award for Promoting Diversity (2010). He earned a BA in biology, San Francisco State University, Doctor of Dental Surgery (MMC), MPH, Dr. P.H, Teaching Fellowship-Harvard School of Public Health; residency in Dental Public Health-Harvard School of Dental Medicine (Board Certified in Dental Public Health); Masters of Divinity-Interdenominational Theological Center and certificate in Bioethics-Georgetown University.