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

First Committee Meeting Draft Agenda

November 8, 2021, 11:00 a.m. – 3 p.m. ET

November 15, 2021, 11:00 a.m. – 2 p.m. ET

November 18, 2021, 1 p.m. – 4 p.m. ET

This meeting is being held to gather information to help the committee conduct its study. This committee will examine the information and material obtained during this, and other public meetings, in an effort to inform its work. Although opinions may be stated and lively discussion may ensue, no conclusions are being drawn at this time; no recommendations will be made. In fact, the committee will deliberate thoroughly before writing its draft report. Moreover, once the draft report is written, it must go through a rigorous review by experts who are anonymous to the committee, and the committee then must respond to this review with appropriate revisions that adequately satisfy the Academies' Report Review Committee and the NAS president before it is considered an official Academies report. Therefore, observers who draw conclusions about the committee's work based on today's discussions will be doing so prematurely.

Furthermore, individual committee members often engage in discussion and questioning for the specific purpose of probing an issue and sharpening an argument. The comments of any given committee member may not necessarily reflect the position he or she may actually hold on the subject under discussion, to say nothing of that person's future position as it may evolve in the course of the project. Any inference about an individual's position regarding findings or recommendations in the final report is therefore also premature.

Meeting Objectives

- Conduct committee and staff introductions
- Orient the committee to the National Academies consensus study process
- Conduct the bias and conflict of interest discussion
- Hold an open session to hear from the sponsoring agency on their perspective of the statement of task
- Hear from external speakers to get a landscape of the issues related to each task
- Discuss the statement of task and agree on an approach for completing the study
- Identify information needs and workplan for addressing the statement of task
- Determine framework for the report

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Monday, November 8, 2021

OPEN SESSION

11:00 a.m. Welcome, Introductions, and Meeting's Objectives

GEORGES C. BENJAMIN, *COMMITTEE CHAIR*
Director
American Public Health Association

SESSION I Sponsor Briefing: Discussion of the Statement of Task

11:10 a.m. Division of Global Migration and Quarantine Overview and COVID-19 Regulatory Activities

JENNIFER BUIGUT
Associate Director for Policy and Regulatory Affairs
Division of Global Migration & Quarantine
U.S. Centers for Disease Control and Prevention

BRIAN MASKERY
Health Economist
Division of Global Migration & Quarantine
U.S. Centers for Disease Control and Prevention

11:30 a.m. Recommendations and Implementation from the 2006 National Academies Report

MARTIN CETRON
Director
Division of Global Migration & Quarantine
U.S. Centers for Disease Control and Prevention

11:50 a.m. Discussion with Committee

12:00 p.m. Break

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CLOSED SESSION – COMMITTEE MEMBERS ONLY

12:10 p.m. **Start of Closed Session**

1:00 p.m. **End of Closed Session**

OPEN SESSION

SESSION III Speaker and Discussion on History of Border Quarantine

1:15 p.m. **Welcome and Introduction from the Committee Chair**

GEORGES C. BENJAMIN, *Committee Chair*
Director
American Public Health Association

1:16 p.m. **Quarantine in the “Bad Old Days”: The View From New York Harbor**

HOWARD MARKEL
Director, Center for the History of Medicine
University of Michigan

1:45 p.m. **Discussion with Committee**

2:15 p.m. **ADJOURN OPEN SESSION AND DAY 1 OF MEETING**

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Monday, November 15, 2021

OPEN SESSION

SESSION IV CDC Border Quarantine Station Network

11:00 a.m. Welcome and Introduction from the Committee Chair

GEORGES C. BENJAMIN, *Committee Chair*
Director
American Public Health Association

11:05 a.m. DHS Support to DGMQ: A Collaborative Approach

GARY RASICOT
Acting Assistant Secretary
Countering Weapons of Mass Destruction
Department of Homeland Security

11:30 a.m. Q&A

11:45 p.m. To Screen or Not to Screen? There's more to Border Health than Interventions at the Border

CLIVE M. BROWN
Chief, Quarantine and Border Health Services
Division of Global Migration & Quarantine
U.S. Centers for Disease Control and Prevention

FRANCISCO ALVARADO-RAMY
Chief Medical Officer, Quarantine and Border Health Services
Division of Global Migration & Quarantine
U.S. Centers for Disease Control and Prevention

ANDY KLEVOS
Regional Officer in Charge, Quarantine and Border Health Services
Division of Global Migration & Quarantine
U.S. Centers for Disease Control and Prevention

12:15 p.m. Q&A

12:35 p.m. Break

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CLOSED SESSION – COMMITTEE MEMBERS ONLY

12:45 p.m. **Start of Closed Session**

2:00 p.m. **ADJOURN CLOSED SESSION AND DAY 2 OF MEETING**

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Thursday, November 18, 2021

OPEN SESSION

SESSION VI Refugees and Migration

1:00 p.m. **Welcome and Introduction from the Committee Chair**

GEORGES C. BENJAMIN, *Committee Chair*
Director
American Public Health Association

1:05 p.m. **CDC's Role in Immigrant, Refugee and Migrant Health**

NINA MARANO
Chief, Immigrant, Refugee, and Migrant Health Branch
Division of Global Migration & Quarantine
U.S. Centers for Disease Control and Prevention

EMILY JENTES
Lead of Domestic Team, Immigrant, Refugee, and Migrant Health Branch
Division of Global Migration & Quarantine
U.S. Centers for Disease Control and Prevention

EDGAR MONTERROSO
Senior Epidemiologist, Southwest Border Migrant Health Task Force
Division of Global Migration & Quarantine
U.S. Centers for Disease Control and Prevention

ALFONSO RODRIGUEZ LAINZ
Epidemiologist, Southwest Border Migrant Health Task Force
Division of Global Migration & Quarantine
U.S. Centers for Disease Control and Prevention

1:40 p.m. **Discussion with Committee**

2:10 p.m. **Break**

CLOSED SESSION – COMMITTEE MEMBERS ONLY

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2:20 p.m. **Start of Closed Session**

4:00 p.m. **ADJOURN MEETING**

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***Committee on the Analysis to Enhance the Effectiveness of the
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the COVID-19 Pandemic***

Speaker Biosketches

November 8, 2021

Ms. Jennifer Buigut is the Associate Director for Policy and Regulatory Affairs in the Division of Global Migration and Quarantine. She joined the division in 2016 and has led the team through the development of several regulatory actions including the importation of human remains, the temporary suspensions on the importation of dogs from high-risk rabies countries, and an overhaul of CDC's quarantine regulations. Ms. Buigut began her career at CDC in 2004 as a Presidential Management Fellow and has held leadership positions across the agency in a variety of areas including environmental health, global health, chronic disease prevention, and migration. Ms. Buigut has a Bachelor of Science in Community Health Education from Brigham Young University and an Master of Public Health in Health Behavior and Health Education from the University of North Carolina at Chapel Hill.

Dr. Brian Maskery is an economist working in the Office of Policy and Regulatory Affairs in the Division of Global Migration and Quarantine. He joined the division in 2012 and has analyzed the economic impact of several regulatory actions including an update to international and interstate quarantine regulations, the importation of human remains, and Federal Register Notices concerning the importation of dogs. Dr. Maskery has also conducted economic evaluations of DGMQ programmatic activities including the technical instructions to reduce the burden of tuberculosis in immigrants and pre-departure presumptive treatment of parasitic diseases and vaccination programs for US-bound refugees. Dr. Maskery began his public health career by leading the Policy and Economic Research Unit at International Vaccine Institute in Seoul, Korea where he developed an investment case for the use of cholera vaccines and conducted a number of willingness to pay and cost of illness analyses in Asia and South America. Dr. Maskery earned a PhD from the Gillings School of Global Public Health, University of North Carolina at Chapel Hill and engineering degrees from the University of Michigan and Stanford University.

Dr. Martin Cetron is the Director for the Division of Global Migration and Quarantine (DGMQ) at the U.S. Centers for Disease Control and Prevention (CDC). Dr. Cetron holds faculty appointments in the Division of Infectious Disease at the Emory University School of Medicine and the Department of Epidemiology at Rollins School of Public Health. He received his B.A. from Dartmouth College in 1981 and his M.D. from Tufts University in 1985. He trained in Internal Medicine at the University of Virginia and Infectious Diseases at the University of Washington before joining the CDC's Epidemic Intelligence Service and becoming a Commissioned Officer in the U.S. Public Health Service (PHS) in 1992. His primary research interests are global health and migration with a focus on emerging infections, tropical diseases,

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SCIENCES • ENGINEERING • MEDICINE

and vaccine-preventable diseases in mobile populations. Dr. Cetron has co-authored more than 100 publications. Dr. Cetron has also been a leader in public health emergency preparedness and response activities at CDC and is a graduate of the Harvard School of Public Health & Kennedy School of Government's National Preparedness Leadership Institute. For over 20 years, he has conducted epidemiologic research globally, developed global health policy and led domestic and international outbreak investigations including high profile international emergency responses to emerging infectious disease outbreaks [Anthrax bioterrorism 2001, SARS epidemic 2003, U.S. Monkeypox 2003, Hurricane Katrina/ Rita 2005, H1N1 influenza pandemic 2009, Haiti Earthquake / Cholera Responses 2010-11, Japan Tsunami-Radiation 2011, H7N9 2013, and MERS CoV 2012-3, Coronavirus Response (2013), Unaccompanied Children Central America (2014), Ebola Response (2014) & Zika Virus (2015)].

Dr. Cetron has been a consultant to several WHO Expert Committees: the US delegation intergovernmental negotiations of IHR 2005, the Pandemic Influenza and IHR Review Panel 2010, and the IHR emergency committee roster of independent experts. He also was elected in 2016 for a fellowship with IDSA (Infectious Diseases Society of America) & ASTMH (American Society of Tropical Medicine and Hygiene).

November 15, 2021

Mr. Gary Rasicot was selected to serve as the acting Assistant Secretary for the Department of Homeland Security's (DHS) Countering Weapons of Mass Destruction Office (CWMD) in October, 2019. The mission of DHS CWMD is to enable operational partners to prevent WMD use against the Homeland and promote readiness for chemical, biological, radiological, and nuclear threats.

Mr. Rasicot is an experienced government executive who implements a staff-driven, collaborative leadership style. Prior to this position at DHS CWMD, Mr. Gary Rasicot assumed the duties as the U.S. Coast Guard (USCG) Deputy Commandant for Mission Support-Deputy for Personnel Readiness (DCMS-DPR) in September 2018. He maintained oversight and functionality of the Coast Guard's human resources, force readiness and Academy activities. Prior to that, Mr. Rasicot served as the Transportation Security Administration (TSA) Chief of Operations, the TSA acting Deputy Administrator, the USCG Director of Marine Transportation Systems, and the USCG Director of Global Maritime Operational Threat Response (MOTR) Coordination Center at DHS, where he was responsible for facilitating the development of interagency-approved U.S. Government courses of action in response to threats against the United States and its interests in the maritime domain. Prior to his appointment to the Senior Executive Service, Mr. Rasicot was President and Chief Executive Officer of SureShip, Inc., a national company providing end-to-end e-commerce, inventory management and fulfillment services for major corporations, non-profits and entrepreneurs.

Mr. Rasicot served as an active duty Coast Guard officer for 24 years. His military assignments included Chief, Coast Guard Drug Interdiction Program; Liaison Officer to the Joint Staff Counternarcotic Division; Commanding Officer, USCGC MOHAWK; Director for Maritime Security Policy, Homeland Security Council at the White House; and Chief of the Coast Guard Office of Counterterrorism and Special Missions. Mr. Rasicot's final active duty assignment was

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SCIENCES • ENGINEERING • MEDICINE

Deputy Commander, U.S. Deployable Operations Group, where he was responsible for the establishment of the Coast Guard's single point of control for the staffing, training, and logistics support for deployable capabilities. In his role as Deputy Commander, Mr. Rasicot oversaw the consolidation and daily operations of 27 field units comprised of 3,000 persons.

Mr. Rasicot is a 1984 graduate of the United States Coast Guard Academy in New London, CT, where he received a Bachelor of Science degree. He holds a Masters Degree in Strategic Studies from the U.S. Army War College and a Master's Degree in Public Administration from the University of Maryland.

Dr. Clive M. Brown has been with the Centers for Disease Control and Prevention for almost 25 years; currently as the Chief for the Quarantine and Border Health Services in the Division of Global Migration and Quarantine and prior to that as Associate Director for Science in that Division. He obtained his medical degree from the University of the West Indies, Jamaica and completed clinical training at the Cornwall Regional Hospital. After completing his Master's in Public Health at Columbia University in 1992 and working at CDC as an Epidemic Intelligence Service Officer and Preventive Medicine Fellow, Dr. Brown worked as PAHO's Medical Epidemiologist assigned to the Caribbean Epidemiology Center (CAREC) in Trinidad and Tobago in 1998, he implemented and evaluated surveillance systems and conducted outbreak investigations in the CAREC member countries. Dr. Brown has completed a Master of Science in Health Systems Management from the University of London/London School of Hygiene and Tropical Medicine (LSHTM) and a Diploma in Tropical Medicine from LSHTM. Dr. Brown worked with the CDC Air Pollution and Respiratory Health Branch in the National Center for Environmental Health where he helped to start CDC's asthma activities which eventually led to the CDC Asthma Program. With the Division of Global Migration and Quarantine Dr. Brown was also the lead for ensuring an ethical framework relating to the activities taken to control infectious diseases among travelers. He served as the Lead for the Global Migration Task Force in many of CDC's responses including CDC's 2014-16 Ebola Response in West Africa and the current COVID-19 Pandemic response. He served as the Port of Entry Team Lead for the Traveler's Health and Global Migration Task Force for CDC's Zika Virus Response. He has also had leadership roles for CDC's Border Health support to the plague response in Madagascar in 2017 and the 2018 DRC Ebola response. As Chief for the Quarantine and Border Health Services Branch, Dr. Brown oversees the 20 quarantine stations in the United States and the teams within the Branch with whom he works to implement the Branch's mission of protecting the public's health at US borders and beyond.

Dr. Francisco Alvarado-Ramy is the Chief Medical Officer for Quarantine and Border Health Services at the Centers for Disease Control and Prevention (CDC). In this role, he is responsible for leading clinical and epidemiological services provided 24/7 to the U.S. border health system in its mission to prevent the introduction and spread of communicable diseases. He has over 20 years of active-duty service in the Commissioned Corps of the US Public Health Service, where he holds the rank of Captain.

He is a graduate of Tulane University and the School of Medicine at the University of Puerto Rico. He completed a residency in internal medicine at the Cleveland Clinic in Cleveland, Ohio. He is certified by the American Board of Internal Medicine. He has completed the Executive Leaders Program of the Naval Postgraduate School's Center for Homeland Defense and Security

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

(CA), and the National Public Health Leadership Institute (NC), when he received the Martha Katz Award. He began his career at CDC as an Epidemic Intelligence Service officer, where he investigated healthcare-associated outbreaks. He was part of CDC's response to the biological terrorism attacks in New York City in 2001. He has served as state epidemiologist, where he also oversaw public health preparedness and response. He has held leadership roles in emergency responses to pandemic influenza (Deputy Director, Community Measures, 2009), Japan nuclear plant disaster (2011), Ebola virus disease (2014-2016) and Zika virus disease outbreaks (Deputy Incident Manager, 2016); COVID-19 pandemic (Lead, Global Migration Task Force, CDC spokesperson for Hispanic media, 2020-present). He has served on panels convened by the World Health Organization, European Centre for Disease Prevention and Control, and the National Academies of Sciences, Engineering and Medicine.

November 18, 2021

Dr. Nina Marano is the Chief of the Immigrant, Refugee and Migrant Health Branch, Division of Global Migration and Quarantine, Centers for Disease Control and Prevention. Dr. Nina Marano trained in veterinary medicine at the University of Georgia and in public health at Emory University, and has been a medical epidemiologist at CDC since 1998. Her CDC experience has focused on prevention and control of infectious diseases. In 2006, Nina joined the Division of Global Migration and Quarantine (DGMQ) as the Branch Chief for the Travelers' Health and Animal Importation Branch. In 2009, she became the Chief of the Quarantine and Border Health Services Branch, where she worked on national policy, regulations, and research to mitigate translocation of communicable diseases via travel and transportation. Under her leadership, the Quarantine Branch responded to 2009 Influenza A H1N1, earthquake and cholera in Haiti, and nuclear radiation leakage in Japan. In June 2012, Nina Marano was appointed Director of the DGMQ Africa Refugee Health Program at the CDC Kenya office in Nairobi. She led the team that is responsible for overseeing the implementation of guidelines for disease screening and treatment, tracking and reporting disease, responding to disease outbreaks, and advising partners on health care for refugees and immigrants from Africa. In August 2015, Dr Marano was appointed Chief of the Immigrant, Refugee, and Migrant Health Branch, which promotes and improves the health of immigrants, refugees and migrants, and implements border health strategies prevent the spread of infectious diseases across international borders. She has co-authored over 80 publications in the peer-reviewed literature, and is an Associate Editor for CDC's Emerging Infectious Diseases Journal. She also works part-time as a veterinarian in a companion animal practice in Atlanta.

Dr. Edgar R. Monterroso is an executive leader and a senior epidemiologist with more than 30 years of experience in domestic and international public health, primarily at CDC. Dr. Monterroso has conducted and led public health programs and evaluations in 20 Latin American and Caribbean countries and eight African countries as well as delivering epidemiology training in US and international settings. He is currently on detail to the Division of Global Migration and Quarantine and has been working as co-lead to the Southwest Border Migrant Health Task Force in response to the unaccompanied children border crisis. His permanent job is with CDC's Division of Global HIV/AIDS and Tuberculosis in the Office of the Associate Director for Science, Epidemiology and Surveillance Branch. Edgar has led and directed CDC Country

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

Offices in Cameroon, Mozambique, and Guatemala with programs of up to US \$ 150 Million and 82 staff (local and expat hires). He has also designed and led CDC's, USG funded in-country programming in Mexico, Central America, Dominican Republic, Sierra Leone, Ghana and Angola. He has been an effective diplomat working with ministries of health and counterpart agencies such the Global Fund's Country Coordinating mechanism in Mozambique, where he was a member of the CCM Executive Committee and chaired the Oversight and Supervision committee, as well as a member executive committee for Global Fund's the Central America Regional Coordinating Mechanism. Dr. Monterroso has focused his technical work on HIV/AIDS, Tuberculosis, and other infectious diseases, applying his EIS training and field experience to surveillance development, adverse event surveillance, global health security, and outbreak response and investigations. Edgar has native fluency in English and Spanish and is fluent in Portuguese (professional and social situations); he is developing his conversational French. Dr. Monterroso is a frequent presenter especially at high-level host-country meetings and internal and external seminars. He has authored or co-authored more than 40 journal articles and written numerous technical reports and white papers.

Dr. Alfonso Rodriguez Lainz is an epidemiologist at the Centers for Disease Control and Prevention (CDC), Division of Global Migration and Quarantine, US-Mexico Unit. Dr. Rodriguez's main responsibilities include acting as a liaison, planner, and coordinator for Latino migrant health activities for the Division, in collaboration with other federal, state, and international partners. In that role, he leads efforts to increase awareness and evidence about health disparities experienced by Latino migrants in the U.S. Two main areas of focus have been enhancing public health surveillance of Latino migrants and emergency communication with non-English speaking populations. Since March 2020 Dr. Rodriguez has led CDC initiatives to address farmworkers and other migrant population needs related to the COVID-19 pandemic. Prior to joining CDC, Dr. Rodriguez was the senior epidemiologist for the Office of Binational Border Health, California Department of Public Health. Dr. Rodriguez received his Ph.D. in Epidemiology and Masters in Preventive Veterinary Medicine from the University of California at Davis, and his DVM from the School of Veterinary Medicine in Cordoba, Spain. He has coauthored many peer-reviewed publications and reports on border and Latino migrant health issues.