

EXHIBIT

10

IN THE UNITED STATES DISTRICT COURT
FOR THE DISTRICT OF COLUMBIA

Ángel Alejandro HEREDIA MONS et al.)
)
<i>Plaintiffs,</i>)
)
v.)
)
Kevin K. McALEENAN et al.)
)
<i>Defendants/Respondents.</i>)

Civ. No.: 1:19-cv-01593

DECLARATION OF CARLOS FRANCO-PAREDES, M.D., M.P.H.

I, Carlos Franco-Paredes, M=essor of Medicine at

ment of Medicine, Division of Infectious
icine residency and infectious diseases
Medicine.

n global health from the Rollins School of
oncentration on the dynamics of infectious
o have twenty years of relevant clinical
rnational guidelines for pandemic influenza
al health action plan with the World Health

experience providing care to individuals in
(US) and have performed medical forensic

- e. Foppian Palacios C, Opensahw JJ, Travassos MA. Influenza in US detention centers- the desperate need for immunization. *N Engl J Med* 2020; 382(9): 789-792.
- f. Novel Coronavirus Pneumonia Emergency Response Epidemiology Team. [The Epidemiological Characteristics of an Outbreak of 2019 Novel Coronavirus Diseases (COVID-19) in China]. *Zhonghua Liu Xing Bing Xue Za Zhi*. 2020;41(2):145–151. DOI:10.3760/cma.j.issn.0254-6450.2020.02.003.
- g. Mart M, Ware LB. The long-lasting effects of the acute respiratory distress syndrome. *Expert Rev Respir Dis* 2020; <https://doi.org/10.1080/17476348.2020.1743182>.

application. Ann Intern Med 2020; March 10, doi: <https://doi.org/107326/M20-0504>.

q. Korean Society of Infectious Diseases; Korean Society of Pediatric Infectious

8. As of March 26, 2020, there have been 69,246 confirmed cases of COVID-19 with 1,046 deaths reported in the US. There has been reports of con

inside these centers may reach exponential proportions consuming significant medical care and financial resources.

C. Populations at Risk of Severe Disease and Death Due to SARS-CoV-2

Infection under ICE Custody.

16. According to the CDC, groups deemed to be at high risk of developing severe disease and dying from COVID-19 include those above 50 years of age and those with underlying medical conditions (regardless of their age). (See Table 1 below). These cases are also amplifiers or hyper-spreaders of the infection since they tend to have high viral concentrations in their respiratory secretions.

17. The clinical experience in China, South Korea, Italy, and Spain; and within the US has shown that 80% of confirmed cases tend to occur in persons 30 to 69 years of age regardless of whether they had underlying medical conditions. Of these, 20% develop severe clinical manifestations or become critically ill. Among those with severe clinical manifestations, regardless of their age or underlying medical conditions, the virus progresses into respiratory failure, septic shock, and multiorgan dysfunction requiring intensive care support including the use of mechanical ventilator support. The overall case fatality rate is 10-14% of those who develop severe disease. In China, 80% of deaths occurred among adults 60 years of age or older.

Table 1. Risk factors for developing severe disease and death

Age groups at high risk of developing severe disease and dying without underlying medical conditions	≥ 50 years (1% CFR)* 60-69 years (3.6% CFR) 70-79 years (8% CFR)
Groups with underlying medical conditions at high risk of dying regardless of their age	-Cardiovascular Disease (congestive heart failure, history of myocardial infarction, history of cardiac surgery)

	<ul style="list-style-type: none"> -Systemic Arterial Hypertension (high blood pressure) -Chronic Respiratory Disease (asthma, chronic obstructive pulmonary disease including chronic bronchitis or emphysema, or other pulmonary diseases) -Diabetes Mellitus -Cancer -Chronic Liver Disease -Chronic Kidney Disease -Autoimmune Diseases -Severe Psychiatric Illness ** -History of Transplantation -HIV/AIDS
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*CFR= Case Fatality Rate. This is an indicator of lethality used during outbreaks to identify the number of individuals who succumb out of those infected.

** In South Korea, 20% of deaths occurred in what they defined as Psychiatric Illness (J Korean

approximately 150 individuals are not hospitalized, they will all be at high risk of death without access to proper equipment, such as ventilators.

22. Reducing the number of incarcerated individuals is necessary for effective infection control and sanitization practices that could dramatically reduce the burden COVID-19 will inevitably place on our health system. Urgent action is needed given the predicted shortage of medical supplies such as personal protective equipment, shortage of staff as medical personnel become ill themselves, and limited life-saving resources such as ventilators.

E.

incarcerated individuals, frequent interactions between incarcerated individuals and staff, and regularity with which staff move in and out of each facility.

25. Responding to an outbreak requires significant improvements in staffing, upgrading medical equipment, substantial supplies including antibiotics, intravenous infusions, cardiac and respiratory monitors, devices for oxygen supply, and personal protection supplies among persons at high risk of severe COVID-19 disease. Additionally, this

surrounding these centers. It is reasonable to anticipate that there will be the loss of additional lives that could have otherwise been saved.

IV. Expert Opinion.

28. There is an urgent need to consider alternative strategies to dilute the community-based impact of an outbreak inside immigration detention centers. Therefore, it is my professional view, that releasing detainees/asylum seekers on parole from these centers constitutes a high-yield public health intervention that may significantly lessen the impact of this outbreak. In particular, targeting the release of persons in the age groups

Exhibit A. Curriculum Vitae – Carlos Franco-Paredes MD, MPH

PERSONAL INFORMATION

Carlos Franco-Paredes, M.D., M.P.H.
Carlos.franco-paredes@cuanschutz.edu
carlos.franco.paredes@gmail.com
US Citizen

CURRENT PROFESSIONAL POSITION AND ACTIVITIES:

Associate Professor of Medicine, Division of Infectious Diseases, University of Colorado Denver School of Medicine, Anschutz Medical Campus and Infectious Diseases (July 2018 - ongoing).
Fellowship Program Director, Division of Infectious Diseases, University of Colorado Denver School of Medicine, Anschutz Medical Campus (March 2019- ongoing).

EDUCATION

1989 -1995	M.D. - La Salle University School of Medicine, Mexico City, Mexico
1996-1999	Internship and Residency in Internal Medicine, Emory University School of Medicine Affiliated Hospitals, Atlanta, GA
1999-2002	Fellowship in Infectious Diseases, Emory University School of Medicine Affiliated Hospitals, Atlanta, GA
1999-2002	Fellow in AIDS International Training and Research Program, NIH Fogarty Institute, Rollins School of Public Health, Emory University,

HONORS AND AWARDS

- 1995 Top Graduating Student, La Salle School of Medicine
- 1997 Award for Academic Excellence in Internal Medicine, EUSM
- 1999 Alpha Omega Alpha (AOA) House staff Officer, EUSM
- 2002 Pillar of Excellence Award. Fulton County Department of Health and Wellness Communicable Disease Prevention Branch, Atlanta GA
- 2002 Emory University Humanitarian Award for extraordinary service in Leadership Betterment of the Human Condition the Emory University Rollins School of Public Health
- 2002 Winner of the Essay Contest on the Health of Developing Countries:

- 2017-2018 Deputy Editor, Annals of Clinical Microbiology and Antimicrobials
BMC
- 2007-2019 Core Faculty International AIDS Society-USA -Travel and Tropical
Medicine/HIV/AIDS

INTERNATIONAL COMMITTEES

2018- Member of the Examination Committee of the International Society of Travel Medicine.
Developing Examination Questions and Proctoring the Certificate in Traveler’s Health
Examination

Proctor Certificate of Traveler’s Health Examination (CTH) as part of the International
Society of Travel Medicine– 12th Asia-Pacific Travel Health Conference, Thailand 21-24,
March 2019

Proctor Certificate of Traveler’s Health Examination (CTH), Atlanta, GA, September,
2019

PRESENTATIONS AT NATIONAL/INTERNATIONAL MEETINGS

2017- Meeting of the Colombian Society of Infectious Diseases, August 2017:
Discussion of Clinical Cases Session, Influenza, MERS-Coronavirus, Leprosy, Enteric Fever

2018 – Cutaneous Mycobacterial Diseases, Universidad Cayetano Heredia,

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- 2009 Grand Rounds - EUH – Department of Medicine: “Leprosy a Modern Perspective of an Ancient Disease”
- 2009 Grand Rounds – Pulmonary and Critical Care Division – Neglected Tropical Diseases of the Respiratory Tract, June 16, 2009
- 2017 Grand Rounds – Leprosy, University of Colorado, Anschutz Medical Center, Division of Infectious Diseases, December 2017
- 2017 Grand Rounds – Infections associated with Secondary Antiphospholid Syndrome, University of Colorado, Anschutz Medical Center, Division of Rheumatology,
- 2018 Didactic Session – Travel Medicine (Pretravel and Posttravel) Infectious Diseases Fellowship Anschutz Medical Center, Division of Infectious Diseases
- 2017 Infectious Diseases Fellows Clinic, University of Colorado, Anschutz Medical Center, IDPG.
- 2019 Invited Speaker: Travel Medicine, Pretravel/Posttravel Care, Physician Assistant Program, September 12, 2019, University of Colorado, Anschutz Medical Center

Other categories:

- 2000-2002 Physician Assistant Supervision during Fellowship/Junior Faculty, Emory University
- 2004-2007 Mentoring of four College Students to enter into Medical School (Emory, Southern University, and Dartmouth):
Lindsay Margolis 2004-Emory University
Michael Woodworth 2005 – Emory University
Peter Manyang 2007 – Southern University
Padraic Chisholm 2007 – Southern University/Emory University
- 2009-2011 Project Leader. Partnership – Emory Global Health Institute – University-wide - Emory Travel Well Clinic and is titled Hansen’s disease in the state of Georgia: A Modern Reassessment of an Ancient Disease”. <http://www.globalhealth.emory.edu/fundingOpportunities/projectideas.php>. Students: 5 MPH students (RN/MPH, MD/MPH)
- 2017- Infectious Diseases Fellowship Program, University of Colorado, Anschutz Medical Center. Teaching activities, Inpatient and outpatient (ID Fellows Weekly Clinic)
- 2019- Infectious Diseases Fellowship Program Director, University of Colorado, Aurora Colorado

Supervisory Teaching:

Ph.D. students dir

2004-2009 Thesis advisor – MPH Students – Hubert Department of