Building Resilience against Health Catastrophes

27 November 2018 8:30am to 1pm
School of Nursing * Columbia University Medical Center *
560 W. 168th Street
New York City

We know by now that the world will see another pandemic in the not-so-distant future; that random mutations occur enough in microbes that help them survive and adapt; that new pathogens will inevitably find a way to break through our defenses; and that there is the increased potential for intentional or accidental release of a synthetized agent. Every expert commentary and every analysis in recent years tells us that the costs of inaction are immense. And yet, as the havoc caused by the last outbreak turns into a fading memory, we become complacent and relegate the case for investing in preparedness on a back burner, only to bring it to the forefront when the next outbreak occurs. The result is that the world remains scarily vulnerable.


08:30

Open and Welcome: Dean, School of Nursing
Lorraine Frazer

Introduction and goals for the day
Wilmot James

08:45

Session 1 | Nurses, community health workers and health catastrophes:
Presentation of the catastrophic risk domains to which nurses and community workers are exposed during health catastrophes, whether they are caused naturally, accidentally or deliberately - and what to do about it as proposed by the Global Nursing and Health Expert Panel of the American Academy of Nursing.

Facilitator
Wilmot James

08:45
Nurses and pandemics
Jennifer Dohrn

09:00
Frontline health workers and trauma
Kathleen Pike

09:15
Nurses, Community Health Workers and Technology
Yanis Ben Amor

09:30
Lead-in discussionist
Elaine Larson

10:00
Coffee Break
10:20  Session 2 | **Biosafety and biosecurity in Africa:** Based on the recent WHO/JEE Global Health Security Agenda or JEE assessments, we will review Africa’s capacity to secure the transportation and storage of dangerous pathogens and manage the use and potential abuse of synthetic biological and genomics research.

Facilitator                        Marc Grodman
10:20  **Upscaling biosecurity in Africa and elsewhere** Beth Cameron
10:40  **Preventing bioterrorism in Africa** Andrew Weber
11:00  **Emerging infections in the developing world** W. Ian Lipkin
11:20  **Discussionists** Stephen Morse and Stephen Spitalnik

12:00  Session 3 | **Children Hospital in Africa Mapping Project (CHAMP):** We will review the use of an amended WHO/JEE instrument developed at Columbia University to assess the capability of institutional pediatric services in Sub-Saharan Africa to respond in a child-sensitive manner to and build institutional resilience against catastrophic events.

Facilitator                        Rita Charon
12:00  **Global health security and the child** Larry Stanberry
12:20  **Children Hospitals in Africa Mapping Project (CHAMP)** Philip Larussa
12:40  **Lead-in Discussionist** Jennifer Nuzzo
13:00  **Closure** Wilmot James

**Speakers * Discussionists * Facilitators**

**Yanis Ben Amor:** Assistant Professor of Global Health and Microbiological Sciences at the Columbia University Medical Center; and Executive Director, Center for Sustainable Development at the Earth Institute.

**Elizabeth (Beth) Cameron:** Vice-President for Global Biological Policy and Programs at the Nuclear Threat Initiative and former Senior Director for Global Health Security and Biodefense at the National Security Council.

**Rita Charon:** Professor of Clinical Medicine and Chair of the Department of Medical Humanities and Ethics at the Vagelos College of Physicians and Surgeons, Columbia University.

**Jennifer Dohrn:** Associate Professor and Director of Global Initiatives at the School of Nursing
and of the PAHO/WHO Collaborating Center for Advanced Nursing Practice.

**Lorraine Fraser:** Mary O’Neil Mundinger Professor of Nursing and Dean of the School of Nursing, Columbia University Irving Medical Center.

**Marc Grodman:** Professor of Clinical Medicine, Member of Council of the Columbia University Irving Medical Center and NY Academy of Medicine.

**Wilmot James:** Visiting Professor of (non-clinical) Pediatrics and International Affairs, Vagelos College of Physicians and Surgeons and the School of International and Public Affairs.

**Elaine Larson:** Anna C. Maxwell Professor of Nursing Research, School of Nursing, and Professor of Epidemiology at the Mailman School of Public Health, Columbia University Irving Medical Center.

**Philip Larussa:** Professor of Pediatrics, Vagelos College of Physicians and Surgeons, Columbia University Irving Medical Center.

**W. Ian Lipkin:** John Snow Professor of Epidemiology and Director for the Center of Infection and Immunity at the Mailman School of Public Health, Columbia University Irving Medical Center.

**Stephen Morse:** Professor of Epidemiology at the Mailman School of Public Health, Columbia Irving University Medical Center.

**Jennifer Nuzzo:** Senior Scholar at the Johns Hopkins University Center for Health Security and Associate Editor of Heath Security.

**Kathleen M. Pike:** Professor of Psychology in the Departments of Psychiatry and Epidemiology and Director of the Global Mental Health Program at the Columbia University Irving Medical Center.

**Steven L. Spitalnik:** Professor of Pathology and Cell Biology, Executive Vice-Chairman of Laboratory Medicine and Medical Director of Clinical Laboratories at the Columbia University Irving Medical Center.

**Lawrence R. Stanberry:** Associate Dean for Programs in Global Health, Vagelos College of
Physicians and Surgeons, Columbia University Irving Medical Center.

**Andrew Weber**: Senior Fellow - Council on Strategic Risks and former Assistant Secretary of Defense for Nuclear, Chemical and Biological Defense Programs.