

Craig A. Spencer MD MPH

1. Date of Preparation

April 2020

2. Personal Data:

Craig A. Spencer
Department of Emergency Medicine
New York Presbyterian Hospital
622 West 168th St., VC-260
New York, NY 10032
Phone: 313-318-3215
Email: cs2941@cumc.columbia.edu
Place of Birth: Detroit, MI
Citizenship: USA

3. Academic Appointments, Hospital Appointments, and Other Work Experience:

Academic Appointments

07/2018 – Present Assistant Professor of Emergency Medicine at CUMC
Columbia University Vagelos College of Physicians and Surgeons
New York, NY

07/2016 – Present Assistant Professor of Population and Family Health at CUMC
Mailman School of Public Health
New York, NY

07/2012 – 07/2018 Assistant Professor of Medicine at CUMC
Columbia University Medical Center
New York, NY

07/2011 – 07/2012 Assistant Professor of Clinical Medicine
Columbia University Medical Center
New York, NY

Hospital Appointments

07/2011 – Present Attending Physician in Emergency Medicine
New York Presbyterian Hospital
New York, NY

4. Education

07/2011 – 05/2013 Master's in Public Health (MPH)
Concentration: Public Health and Humanitarian Action
Columbia University Mailman School of Public Health

New York, NY

08/2006 – 07/2007 Chinese Language and Cultural Studies Degree
Henan University
Kaifeng, China

07/2003 – 08/2008 Doctor in Medicine
Wayne State University School of Medicine
Detroit, MI

09/1999 – 06/2003 B.A. History
Wayne State University
Detroit, MI

5. Training

07/2011 – 06/2013 Fellowship Training in International Emergency Medicine
Columbia University Medical Center
New York, NY

07/2011 – 08/2011 International Committee of the Red Cross Certificate Training Course
Humanitarian Emergencies in Large Populations (H.E.L.P.)
Johns Hopkins Bloomberg School of Public Health
Baltimore, MD

07/2010 – 06/2011 Chief Resident in Emergency Medicine
New York Hospital Queens/Weill Cornell Medical Center
New York, NY

07/2008 – 06/2011 Residency Training in Emergency Medicine
New York Hospital Queens/Weill Cornell Medical Center
New York, NY

05/2004 – 06/2004 International Health Internship
Hôpital Saint-Louis Paris
Paris, France

6. Explanation of any gaps in work / training / education

Not applicable

7. Licensure and Board Certification

Licensure

04/2011 – Present New York State Medical License (261286)

Board Certification

06/2010 – Present American Board of Emergency Medicine

Professional Certifications

Basic Life Support (BLS) Certified

Advanced Cardiac Life Support (ACLS) Certified

Pediatric Advanced Life Support (PALS) Certified

Advanced Trauma Life Support (ATLS) Certified

Standards of Training, Certification and Watch keeping for Seafarers (STCW)

8. Honors and Awards

- 2019 Visiting Lecturer in Human Rights and Humanitarian Action
Sciences Po Paris School of International Affairs (PSIA)
Paris, France
One of two Columbia University faculty selected for a transatlantic semester-long faculty exchange with French academic institutions in 2018-2019 as part of the Alliance Program. Based in the Masters of Human Rights and Humanitarian Action, I taught an extended version of my course "Lessons (Un)Learned in Humanitarian Assistance: A Historical Perspective" to 35 students. Mentored students in human rights and humanitarian action, leading panel discussions, and presenting at Sciences Po and other European universities.
- 2015 Global Peacemaker Award
Wayne State University School of Peace and Conflict Studies
Detroit, MI
- 2011 Academic Resident of the Year, Emergency Medicine
New York Hospital Queens/Weill Cornell Medical College
New York, NY
- 2011 Research Resident of the Year, Emergency Medicine
New York Hospital Queens/Weill Cornell Medical College
New York, NY
- 2008 Intern of the Year – Emergency Medicine
New York Hospital Queens/Weill Cornell Medical College
New York, NY

9. Academic Service

- 09/2017 – 11/2017 Co-director of NewYork-Presbyterian Hospital's Puerto Rico Response Team
Department of Emergency Medicine
NewYork-Presbyterian Hospital
New York, NY

Co-directed the adult emergency department's deployment to Puerto Rico as part of New York-Presbyterian Hospital's medical response activities in the aftermath of Hurricane Maria. Coordinated the recruitment and training of physician and nurse volunteers, organized clinical coverage during deployment, and contributed medical and logistical expertise from pre-deployment planning to post-departure debriefings.

- 07/2015 - Present Director of Global Health in Emergency Medicine
Department of Emergency Medicine
Columbia University Irving Medical Center
New York, NY
Provide mentorship to medical students, residents and faculty in global health, including overseeing projects at international sites, leading global health-focused journal clubs and providing career guidance.
- 01/2015 – Present Departmental Coordinator – Emergency Department Physician and Nursing Emerging
Infectious Diseases (EID) Preparedness and Compliance
Department of Emergency Medicine
Columbia University Irving Medical Center
New York, NY
Coordinate the adult Emergency Department's compliance and preparedness training for Emerging Infectious Diseases, including arranging personal protective equipment training for clinical staff and ensuring that adequate coverage exists on all shifts and locations where a patient with confirmed or presumed Ebola virus disease could present for care.
- 01/2015 – 01/2016 Biocontainment Unit (BICU) Consultant
Department of Emergency Medicine
Columbia University Irving Medical Center
New York, NY
Served as consultant during the initial design and establishment of the Biocontainment Unit at the New York-Presbyterian's Allen Hospital. Provided recommendations on infection control practices, personal protective equipment training, and clinical care algorithms. Served as an on-call provider to respond to any patient with confirmed Ebola virus disease or any person under investigation for any similar special pathogen.
- 10/2012 – 10/2018 Global Emergency Medicine Faculty Interviewer
Columbia University Irving Medical Center (CUIMC)/New York-Presbyterian Hospital
Global Emergency Medicine Fellowship (Global EMF)
Columbia University Irving Medical Center
New York, NY

10. Professional Organizations and Societies

Memberships and Positions

- 2019 – Present Member, Board of Directors
Doctors Without Borders/Médecins Sans Frontières USA
Elected to the Board of Directors in May 2019 for a three-year term. Association-elected position to govern Doctors Without Borders/Médecins Sans Frontières USA (MSF-USA). The board of directors sets broad strategic directions, including the formulation and approval of the annual plan, and oversees the executive functions of the organization. The MSF-USA board holds fiduciary responsibility and full control of over \$500 million in annual contributions and expenditures to the global MSF movement.
- 2019 – Present Chair, Association Committee
Doctors Without Borders/Médecins Sans Frontières USA
Develop the strategic priorities of the Association Committee, which includes overseeing membership criteria, ensuring review and implementation of motions and recommendations, and planning and oversight of the annual General Assembly.
- 2019 – Present Member, Board of Directors
Amahoro Health
Nyanza Lac, Burundi
Amahoro Health is a network of clinics and medical providers in southern Burundi, East Africa composed completely of local Burundians. Since 2011, I have worked with the team behind Amahoro Health on research projects, trans-continental learning opportunities for US students and residents, and support for Burundian physicians working at Amahoro.
- 2015 – Present Member, Doctors Without Borders/Médecins Sans Frontières
- 2009 – Present Member, Wilderness Medical Society (WMS)

Journal Reviewer

- 2018 – Present Peer reviewer - BMC International Health and Human Rights
2017 – Present Peer reviewer - Global Public Health
2016 – Present Peer reviewer - Emerging Infectious Diseases Journal

11. Fellowship and Grant Support

Present Support

- 06/2019 – Present Measuring Human Rights Violations and Mortality Amongst Migrants & Refugees in the Sahel Region
- PI: Craig Spencer MD MPH
 - Granting Agency: Columbia University President's Global Innovation Fund (2019-2020)
 - Direct Support Funds: \$40,000 (project grant)

- This project is intended to develop a quantitative methodology to measure the frequency of human rights violations and mortality amongst migrants transiting the Sahel, primarily in the deserts of Niger. This builds off previous planning work (see past support below) and will be completed in partnership with national and international experts in migration.

04/2018 – 6/2019

Program on Forced Migration and Health – Columbia Mailman School of Public Health (2018)

- PI: Craig Spencer MD MPH
- Project Title: *Prevalence and Public Health Perceptions of Uvulectomy in Rural Burundi*
- Project funding (\$5,000)
- This project supported the mandatory international practicum of a graduate student at Mailman School of Public Health.
- Fieldwork completed in late 2018/early 2019; summary publication pending.

Past Support

06/2018 – 06/2019

Measuring Human Rights Violations and Mortality Amongst Migrants & Refugees in the Sahel Region

- PI: Craig Spencer MD MPH
- Granting Agency: Columbia University President’s Global Innovation Fund
- Direct Support Funds: \$20,000 (planning grant)
 - First phase of fieldwork completed in September-October 2019. This involved dozens of interviews with key government and local actors in Niamey and Agadez, Niger.
 - Organized conference co-hosted by International Organization for Migration in Tunis, Tunisia on the topic of ‘Documenting Human Rights Violations and Mortality Amongst Migrants: Focus on the Sahel and North Africa’.
 - Hired and supervised two graduate students to assist with program activities and conference planning.

01/2015 – 01/2017

Measuring Separation in Emergencies

- PI: Dr. Lindsay Stark
- Granting Agency: Office of US Foreign Disaster Assistance
- Role: Consultant Methodologist
 - Through a partnership with Save the Children, I was responsible for developing program and survey documents, training national and international staff, overseeing data collection and data analysis.
 - Program activities took place in Juba, South Sudan and New York, NY.

01/2014 – 12/2016

Measuring Separation in Emergencies

- PI: Dr. Lindsay Stark
- Granting Agency: USAID

- Role: Consultant Methodologist
 - Responsible for developing program and survey documents, training national and international staff, overseeing data collection and data analysis.
 - Program activities took place in North Kivu, DR Congo

01/2014 – 01/2015 Creating A Space, Raising A Voice: Protecting and Empowering Adolescent Girls in Humanitarian Contexts (5/2014 – 12/2014)

- PI: Dr. Lindsay Stark
- Granting Agency: International Rescue Commission
- Role: Consultant Methodologist
 - Responsible for developing and testing program and survey documents used in program data collection and data analysis.
 - Program activities took place in South Kivu, DR Congo

01/2013 – 01/2014 Legal Identity Program Baseline Study (5/2013 – 10/2013)

- PI: Dr. Lindsay Stark
- Granting Agency: Australia-Australia-Indonesia Partnership for Justice
- Role: Consultant Methodologist
 - Responsible for developing program and survey documents, training national and international staff, overseeing data collection and data analysis.
 - Activities coordinated through Pusat Kajian Perlindungan Anak (PUSKAPA)
 - Program activities took place in Jakarta and NTT, Indonesia.

12. Educational Contributions

Direct Teaching/Precepting/Supervising

2018 - Present Medical Student Elective Preceptor
 Columbia University Vagelos College of Physicians and Surgeons, NY, NY
Clinical preceptor for medical student electives in emergency medicine. Responsibilities include direct oversight of a senior medical student on clinical shifts and regular meetings to discuss career goals and projects.

10/2019,
 05/2018,
 10/2018,
 06/2016 Faculty Supervisor
 Emergency Medicine Residency Theme Day
 New York-Presbyterian Hospital
 New York, NY
Served as a faculty mentor and supervisor for at least one of our Emergency Medicine residency's 'Theme Days' annually. The 'Theme Days' are educational conferences lead by residents with faculty support to focus on one large topic in medicine. In 2016-2018, I oversaw the 'Global Health Theme Days' which focused clinical cases in tropical medicine, lecture and panel discussions of the biggest global health challenges, and

advices on how to build a career in global health. In 2019 I oversaw the 'Social Emergency Medicine Theme Day' which was focused on social determinants of health and providing care to vulnerable populations in the emergency department.

- 2015 – Present Course Instructor
Clinical Clerkship in Emergency Medicine
First Year Course – “Foundations of Clinical Medicine”
Columbia University Vagelos College of Physicians and Surgeons.
- 2015 – 2018 Course Instructor
Fundamentals of Global Health – Columbia University
Columbia University in the City of New York
*Annual undergraduate lecture entitled 'Ebola in West Africa: Weak Health Systems and International Response' in the Fundamentals of Global Health
Approximately 40-50 students.*
- 2014 – Present Course Instructor
Public Health and Humanitarian Action
Columbia University Mailman School of Public Health
*Contribute to courses taught in the Program on Forced Migration and Health, including presentations on Ebola response for the 'Communicable Diseases in Complex Emergencies' course and in the survey course 'Public Health and Humanitarian Action'.
Learners include 30 public health students.*
- 2011 – Present Clinical Instructor in Emergency Medicine
*Oversee and educate medical students, residents, fellows, nurse practitioners and physician assistants in the Emergency Department.
8-10 learners per week
28 hours/week*

Advising and Mentorship

- 2018 – 2019 DrPH (Doctor of Public Health) Advisor
DrPH Dissertation Committee for Zahirah McNatt
Department of Population and Family Health
Mailman School of Public Health
“City life: The healthcare access experience of urban-based Syrian refugees in the MENA region”.

Educational Administration and Leadership

- 2019 – Present Course Director – Public Health and Humanitarian Action
Mailman School of Public Health at Columbia University
New York, NY
Lead the Public Health and Humanitarian Action (PHHA) course in the Program on Forced Migration and Health at Mailman School of Public Health. This course is the only required course for all students in the Public Health and Humanitarian Action certificate and serves as a survey of

the biggest issues facing the intersection of global health challenges and humanitarian response. Developed and lead sessions and coordinate with guest lecturers throughout the semester.

01/2019 – 05/2019 Curriculum Developer and Course Director
“Lessons (Un)Learned in Humanitarian Assistance: A Historical Perspective”
Sciences Po Paris School of International Affairs
Paris, France
Developed, as part of a faculty exchange between Columbia University and Sciences Po, and directed a graduate-level course examining the history of humanitarian action. Using seminal events in humanitarian response, the class evaluates the themes and controversies that have created the modern humanitarian sector and requires students to propose solutions to improve humanitarian response. Responsible for the expanded conceptualization and redesign of this course, including course structure and content.

2018 - Present Emergency Medicine Representative
Steering Committee for Program for Education in Global and Population Health
Columbia University Vagelos College of Physicians and Surgeons
New York, NY
Represent the Department of Emergency Medicine in development of global programs at the medical school, including trainings, research and international clinical experiences for students and faculty.

Fall 2019,
Spring 2018,
Spring 2017 Curriculum Developer and Course Director
“Lessons (Un)Learned in Humanitarian Assistance: A Historical Perspective”
Columbia University Mailman School of Public Health
New York, NY
This graduate-level course examines the history of humanitarian action to reveal that many struggles confronting the sector today are neither entirely novel nor unique. Using seminal events in humanitarian response, the class evaluates the themes and controversies that have created the modern humanitarian sector and requires students to propose solutions to improve humanitarian response. Responsible for the conceptualization and design of this course, including course structure and content.

2014 Curriculum Developer and Conference Director
Patagonia Remote Emergency Medicine
Created a training program for an emergency medicine conference in Patagonia, Argentina. This included teaching sessions on the use of emergency ultrasound and creation of a mass-casualty trauma exercise. Participants included medical professionals from southern Argentina.

Instructional/Educational Materials used in Print or other Media

2011-2012 Curriculum development
Program: Systems Improvement at the District Hospital and Regional Training of Emergency Care (sidHARTe)
Kigutu, Rwanda

Served as a consultant in the development of an emergency medicine curricula and training course for district physicians.

Community Education

2017 Doctors Without Borders/ Médecins Sans Frontières
 'Forced from Home' Exhibit Guide
 Seattle, USA
Volunteered as tour guide for a week-long immersive exhibit that raised awareness about the experience of asylum-seekers and refugees.

13. Report of Clinical Care and Public Health Interventions

Clinical Practice or Public Health Activities

07/2011 – Present Attending Physician in Emergency Medicine
 New York-Presbyterian Hospital
 28 clinical hours/week
Provide comprehensive emergent medical care at New York-Presbyterian/Milstein Hospital Emergency Department and New York-Presbyterian/Allen Hospital Emergency Department, both Level 2 Trauma centers serving the Washington Heights and Inwood communities.

Clinical or Public Health Administration and Leadership

04/2011 – 05/2011 Emergency Medicine Consultant and Lecturer
 University Hospital of Heraklion
 Heraklion, Greece

04/2010 Emergency Medicine Consultant and Lecturer
 Sundaram Medical Foundation Memorial Hospital
 Chennai, India

03/2010 Emergency Medicine Consultant and Lecturer
 Durgapur Mission Hospital
 Durgapur, India

03/2008 Medical Student Trip Organizer and Director
 San Lucas Mission
 San Lucas, Guatemala

Clinical or Public Health Service Activities (medical care delivered at international sites)

05/2018 – 07/2018 Medical Doctor – Mediterranean Search and Rescue
 Doctors Without Borders/ Médecins Sans Frontières
 Mediterranean Sea
Provided medical care to migrants at sea and participated in search and rescue activities.

- 05/2017 – 08/2018 Medical Doctor – Mediterranean Search and Rescue
Doctors Without Borders/ Médecins Sans Frontières
Mediterranean Sea
- 10/2016 – 12/2016 Epidemiologist – Hepatitis E Outbreak Response
Doctors Without Borders/ Médecins Sans Frontières
Am Timan, Chad
Developed active case-finding strategy and guided epidemiological and clinical response to large-scale hepatitis outbreak in local water supply, with a focus on pregnant women.
- 02/2016 – 05/2016 Trauma and Emergency Medicine Physician
Doctors Without Borders/ Médecins Sans Frontières
Bujumbura, Burundi
Provided direct clinical care to trauma patients and taught Advanced Trauma Life Support to Burundian physicians, including the use of bedside ultrasound.
- 03/2015 – 04/2015 National Epidemiology Coordinator – Guinée
Doctors Without Borders/ Médecins Sans Frontières
Conakry, Guinea
Responsible for coordination all of the epidemiological activities of Doctors Without Borders teams in Guinée during the 2013-2016 West Africa Ebola outbreak. This included collaborating with external actors (CDC, WHO), reporting to our response and medical teams to inform preparedness and medical activities, and preparing reports for our international offices.
- 09/2014 – 10/2014 Staff Physician – Ebola Treatment Center
Doctors Without Borders/ Médecins Sans Frontières
Gueckedou, Guinea
Provided direct clinical care to patients with Ebola and participated in revision of clinical decision tools and algorithms
- 06/2012 – 12/2012 Mortality Survey Project Leader, Outbreak Investigation and Case-Control Study
Leader; Pregnancy Surveillance Project Consultant
Village Health Works
Kigutu, Burundi
- 06/2012 – 8/2012 Epidemiologist - Non-Food Item Beneficiaries List Verification Report
Rebuild for Hope Africa
Bukavu, DR Congo
- 01/2008 Medical School Elective - Emergency Medicine and Preventative Medicine
Indian Health Service – Navajo Reservation
Shiprock, New Mexico
- 05/2005 Medical Student Volunteer - World Health Student Organization

14. Patents and Inventions

Not applicable

15. Publications

Peer-Reviewed Research Publications in Print or other Media

1. MacFarlane, M., Rubenstein, B., Saw, T., Mekonnen, D., **Spencer, C.**, Stark, L. (2019). Community-based surveillance of unaccompanied and separated children in drought-affected northern Ethiopia. *BMC International Health and Human Rights*. 19. 10.1186/s12914-019-0203-9.
2. Spina A, Lenglet A, Beversluis D, de Jong M, Vernier L, **Spencer C**, et al. (2017) A large outbreak of Hepatitis E virus genotype 1 infection in an urban setting in Chad likely linked to household level transmission factors, 2016-2017. *PLoS ONE* 12(11): e0188240. <https://doi.org/10.1371/journal.pone.0188240>
3. Mansourian, H., Rubenstein, B., **Spencer, C.**, Chisolm-Straker, M., Noble, E., Skeels, A., Ceriotti, C., Stark, L. Assessing the use of the neighborhood method to estimate the prevalence of child separation: a pilot in North Kivu, DRC, *Conflict and Health*, Volume 10, August 2016, Pages 1-8, <http://dx.doi.org/10.1186/s13031-016-0084-7>.
4. Stark, L., Rubenstein, B., Mansourian, H., **Spencer, C.**, Noble, E., Chisolm-Straker, M. Estimating child separation in emergencies: Results from North Kivu, *Child Abuse & Neglect*, Volume 52, February 2016, Pages 38-46, ISSN 0145-2134, <http://dx.doi.org/10.1016/j.chiabu.2015.12.012>.
5. Rubenstein, B, **Spencer, C.**, Mansourian, H., Noble, H., Munganga, G, Stark, L. Community-based surveillance to monitor trends in unaccompanied and separated children in eastern DRC, *Child Abuse & Neglect*. 1 October 2015, ISSN 0145-2134, <http://dx.doi.org/10.1016/j.chiabu.2015.09.002>.
6. Moreau M, **Spencer C**, Gozalbes JG, Colebunders R, Lefevre A, Gryseels S, Borremans B, Gunther S, Becker D, Bore JA, Koundouno FR, Di Caro A, Wölfel R, Decroo T, Van Herp M, Peetermans L, Camara AM. Lactating mothers infected with Ebola virus: EBOV RT-PCR of blood only may be insufficient. *Euro Surveill*. 2015;20(3): pii=21017.
7. Gupta, J, Lemery, J, **Spencer, C**. The Utilization of Chemical Hand Warmers and Multiple Insulation Methods for Warming of Normal Saline in a Cold Environment. *Wilderness & Environmental Medicine*. Jan 2010; 10(4):373.

Reviews, Chapters, Monographs, Editorials

1. **Spencer C**, Roberts, L. Emergency public health and humanitarian assistance in the twenty-first century. In Detels, R. et al. eds., *Oxford Textbook of Global Public Health*. Oxford University Press. Oxford, UK. (In press)
2. **Spencer, C**, Chandra, A. Climate Change and Forced Migration. In Luber, G. & Lemery, J. eds., *Global Climate Change & Human Health*. Jossey-Bass. San Francisco, USA. (In press)
3. **Spencer, C**. ER doctor and Ebola survivor to Trump: Build World Health Organization, don't tear it down. *USA Today*. Published online. April 15, 2020.
4. **Spencer, C**. When the coughing stops and the sense of helplessness begins. *Washington Post*. Published online. April 13, 2020.

5. **Spencer, C.** "How long will we hold?" Inside New York's struggle against coronavirus. *New Statesman*. April 5, 2020.
6. **Spencer, C.** How long will we doctors last? *Washington Post*. April 3, 2020.
7. **Spencer, C.** Utilizing the Defense Production Act will save health care workers' lives. *The Hill*. Published online. March 28, 2020.
8. **Spencer, C.** What it's like being a New York ER doctor during this pandemic. *Washington Post*. Published online. March 24, 2020.
9. **Spencer, C.** I survived Ebola. I fear COVID-19. *Medium*. Published online. March 24, 2020.
10. Dearden, K., Last, T., and **Spencer, C.** Mortality and Border Deaths Data. In Cuttitta, P. & Last, T. eds., *Border Deaths: Causes, Dynamics and Consequences of Migration-Related Mortality*. Amsterdam: Amsterdam University Press. 2019.
11. Jagatic, T., **Spencer, C.** Clinical Suspicion of Ebola. *Oxford Handbook of Humanitarian Medicine*. Oxford University Press. Oxford, UK. 2019.
12. **Spencer, C.** Europe's recipe for crisis and chaos in the Mediterranean in *CAREL Essential Articles and Facts*. Page 192-196. CAREL Press, Carlisle, UK; 2018.
13. **Spencer, C.** Lessons Learned and Forgotten in Ebola Response. *Global Health Now*. June 7, 2018.
14. **Spencer, C.** What Populists Get Wrong About Migration. *Politico Europe*. June 6, 2018. Volume 4, Number 21, Page 21.
15. **Spencer, C.** Europe's Recipe for Crisis and Chaos in the Mediterranean. *Politico Europe*. Published online. July 26, 2017.
16. **Spencer, C.** America's dangerous and dwindling commitment to global health. *The Hill*. Published online February 13, 2017.
17. **Spencer, C.** Ebola Isn't Over Yet. *New York Times*. August 17, 2015.
18. **Spencer, C.** Having and Fighting Ebola — Public Health Lessons from a Clinician Turned Patient. *New England Journal of Medicine*. Feb 25, 2015. Doi#10.1056/NEJMp1501355.
19. **Spencer, C.** Prostatitis. In Wallis, L and Reynolds, T. eds. *Oxford AFEM Handbook of Acute and Emergency Care*. Oxford University Press, Southern Africa; 2014.
20. **Spencer, C.** Respiratory Disease. In Chandra, A and Dasco, M. eds. *Tarascon Global Health Pocketbook*. Sudbury, MA: Jones and Bartlett Publishers; 2010.
21. **Spencer, C.** Central America and the Caribbean. In Chandra, A and Dasco, M. eds. *Tarascon Global Health Pocketbook*. Sudbury, MA: Jones and Bartlett Publishers; 2010.

Other Media

Other Non-Peer Reviewed Publications in Print or Other Media

1. **Spencer, C.** The Utilization of Chemical Hand Warmers and Multiple Insulation Methods for Warming of Normal Saline in a Cold Environment. ACEP Research Forum. San Francisco, CA. October 2011.
2. Ndizeye, C., **Spencer C.** Prevalence of Uvulectomy in Children Under 5 in Rural Burundi. Consortium of Universities in Global Health Annual Conference. New York, NY. March 2018.

17. Invited and Peer-Selected Presentations

International Invited Lectures

- 05/2019 "Destination Unknown: Medical Care on MSF's MV Aquarius"
ADRZ SEH-Congress 'Oeverloos'

Goes, Netherlands

- 02/2019 "Migration in the Mediterranean: The Political and Public Health Response"
École des Hautes Études en Santé Publique
Paris, France
- 02/2019 "Protecting Migrants and Refugees-Terra Incognita and the Justice Gap"
Columbia Global Centers | Paris
Paris, France
- 06/2018 "Mortality amongst Refugees and Migrants"
International Conference on Border Deaths and Migration Policies
Amsterdam, Netherlands
- 01/2016 "Ebola: A Unique Perspective from a Patient/Doctor"
10as Jornadas de Atualização em Doenças Infecciosas
Hospital Curry Cabral Lisbon (January 2016)
Lisbon, Portugal
- 04/2014 "The Use of Ultrasound in the Emergency Department";
"Global Health and the Emergence of Emergency Medicine"
Patagonia Symposium in Remote Emergency Medicine
Patagonia, Argentina
- 04/2011 "The Development of Emergency Medicine: Our Past, Your Future";
"Use of ED Ultrasound in Trauma – An Introduction to the eFAST Exam";
"Ultrasound-Guided Placement of Central Venous Catheters"
University Hospital of Heraklion
Crete, Greece
- 04/2010 "The Development of Emergency Medicine: Our Past, Your Future"
Sundaram Medical Foundation Memorial Hospital
Chennai, India
- 04/2010 "Critical Review of Electrolytes and Fluid-Balance"
Southern Railway Hospital Ayanavaram
Chennai, India
- 03/2010 "Use of ED Ultrasound in Trauma – An Introduction to the eFAST Exam";
"Cutaneous Emergencies"
Durgapur Mission Hospital
Durgapur, India

National Invited Lectures

- 11/2017 Keynote Speaker
"Challenges and Controversies of the Ebola Epidemic: Experiences of a Doctor turned Patient"
American Institute of Certified Public Accountants (AICPA) Health Care Industry Conference
Denver, CO
- 11/2017 Keynote Speaker
"Challenges and Controversies of the Ebola Epidemic: Experiences of a Doctor turned Patient"
Global Health Transforming - In Arizona and around the World
Phoenix, AZ
- 08/2016 Keynote Speaker
"Challenges and Controversies of the Ebola Epidemic: Experiences of a Doctor turned Patient"
2016 Detroit Ebola and Emerging Diseases Workshop
Detroit, MI
- 11/2015 "Another Perspective on the Ongoing Ebola Epidemic"
Centers for Disease Control and Prevention
Atlanta, GA
- 07/2015 Keynote Speaker
"Seeing Ebola from Both Sides: Personal Experience as a Provider and a Patient"
Wilderness Medical Society Annual Summer Meeting
Breckenridge, CO
- 03/2015 "Learning from Ebola: Perspectives from a Provider and Patient"
Sanford Hospitals Disaster Response Conference
Sioux Falls, South Dakota
- 02/2015 Keynote Speaker
"The Challenges and Controversies of the Ebola Epidemic: Experiences from a Provider and Patient"
Center on Peace and Conflict Studies at Wayne State University
Detroit, MI

Local and Regional Invited Lectures

- 11/2019 Keynote Speaker
Careers in Global Health – Speaker Series
Columbia University Vagelos College of Physicians and Surgeons
New York, NY

- 10/2019 Keynote Speaker
 “Health Between Borders: Medical Care for Migrants Lost at Sea”
 Rutgers New Jersey Medical School
 Newark, NJ
- 07/2019 Keynote Speaker
 White Coat Ceremony
 Hackensack Meridian School of Medicine at Seton Hall University
 Nutley, NJ
- 11/2018 “Lost in the Desert: The Impact of Anti-Migration Policy On Human Rights And
 Mortality In The Sahara”
 Event Organizer and Speaker
 Columbia University Mailman School of Public Health
 New York, NY
- 08/2018 Keynote Speaker
 “Where There’s No Evidence: The Difficulty of Defining and Implementing Best
 Practices in Global Health Response”
 American College of Academic International Medicine Congress
 New York, NY
- 05/2018 “The 2014-2016 Ebola Outbreak in West Africa: A Provider and Patient
 Perspective”
 Columbia University P&S Global Health Organization
 New York, NY
- 02/2018 “The Politics of Search and Rescue Operations – A View from the
 Mediterranean”
 Institute for the Study of Human Rights at Columbia University
 New York, NY
- 1/2018 Keynote Lecture
 “Global Health: Current Issues and the Global Impact”
 Icahn School of Medicine at Mt Sinai - InFocus Program
 New York, NY
- 12/2017 “Clinical Experiences, Challenges and Barriers of Working with Displaced
 Populations Abroad”
 New York City Refugee & Asylee Health Coalition
 New York, NY
- 12/2017 “Voices from the Field – Global Health”
 NYU School of Medicine Global Health Initiatives Series
 New York, NY

- 11/2017 "The Global Migration Crisis: A View from the Mediterranean"
Columbia University Mailman School of Public Health Seminar Series
New York, NY
- 10/2017 "Unlawful Death of Refugees and Migrants – Imperatives for Action"
United Nations Headquarters
New York, NY
- 09/2017 "Migrant and Refugee Search and Rescue Operations in the Mediterranean"
Women's Refugee Commission (September 2017)
New York, NY
- 08/2017 "Médecins Sans Frontières Mediterranean Search and Rescue Operations"
IAC
New York, NY
- 08/2017 "Médecins Sans Frontières Mediterranean Search and Rescue Operations"
Doctors Without Borders/ Médecins Sans Frontières
New York, NY
- 04/2017 "Lessons Learned: Treating Ebola in Bellevue Hospital"
State University of New York Institute for Disaster Mental Health Response to
Pandemic Disasters, Infectious Diseases and Bioterrorism
New York, NY
- 04/2017 Keynote Speaker
"Did the West Fail West Africa? - A Delayed and Imperfect Global Response to
the Ebola Epidemic"
New York City Medical Reserve Corps 5th Annual Symposium
New York, NY
- 11/2016 "The 2014-2016 Ebola Epidemic: The Role of Health Systems"
Columbia University Mailman School of Public Health
New York, NY
- 11/2016 The 2014-2016 Ebola Epidemic: The Role of Health Systems"
Course: Communicable Diseases in Complex Emergencies
Columbia University Mailman School of Public Health
New York, NY
- 12/2015 "Death and Dying in West Africa: Understanding Cultural Traditions
and Conflicting Biomedical Imperatives During the Ebola Epidemic"
Columbia University Medical Center
New York, NY

Lecture was given on behalf of the 38th Annual Alexander Ming Fisher Lecture, part of Columbia University's distinguished Dean's Lecture Series.

- 10/2015 "Global Health Symposium Lecture Series on Ebola"
Global Health Symposium at New York University School of Medicine
New York, NY
- 07/2015 Keynote Speaker
"How the West is Failing West Africa: A Delayed and Imperfect Response to the Ebola Epidemic"
New York Symposium on International Emergency Medicine
New York, NY
- 05/2015 "The Ebola Outbreak in West Africa: Lessons Learned"
Columbia University Mailman School Alumni Summit for Public Health Leadership
New York, NY
- 02/2015 "Policies and Public Health: Lessons from the Ebola Epidemic"
Weill Cornell Medical Center – Global Health Emergencies Course
New York, NY

Presentation at National Meetings

- 10/2010 "Warming of Multiple-Sized Intravenous Saline Bags with Chemical Hand Warmers in Near-Freezing Temperatures" – Poster Presentation
American College of Emergency Physicians Scientific Assembly
San Francisco, CA
- 07/2010 "The Utilization of Chemical Hand Warmers and Multiple Insulation Methods for Warming of Normal Saline in a Cold Environment" - Poster Presentation
Wilderness Medical Society Annual Meeting
Snowmass, CO

Grand Rounds

- 09/2019 "Grand Rounds in Global Health: Providing Critical Care in Epidemics and Conflicts"
Columbia University Medical Center Critical Care Grand Rounds
New York, NY
- 05/2019 "Death and Dying in West Africa: Understanding Cultural Traditions & Conflicting Biomedical Imperatives During the Ebola Epidemic"
Emergency Medicine Grand Rounds – Mt Sinai School of Medicine
New York, NY
- 12/2018 "Inside an Ebola Outbreak: A Provider and Patient Perspective"
Montefiore Medical Center Department of Medicine Grand Rounds

New York, NY

- 08/2018 "Global Health: How It's Made Me a Better EM Doc"
University of Buffalo Emergency Medicine Grand Rounds
Buffalo, NY
- 05/2018 "Global Health: How It's Made Me a Better EM Doc"
New York Presbyterian Hospital
New York, NY
- 04/2018 "Global Health: How It's Made Me a Better EM Doc"
Mt Sinai School of Medicine
New York, NY
- 04/2018 "Global Health: How It's Made Me a Better EM Doc"
Christiana Care Department of Emergency Medicine
Wilmington, DE
- 12/2016 "The 2014-2016 Ebola Epidemic: The Role of Health Systems"
Lincoln Medical and Mental Health Center Emergency Medicine
New York, NY
- 12/2016 "Clinical and Critical Care in an Ebola Outbreak"
Columbia University Medical Center – Depart of Medicine Grand Rounds
New York, NY
- 06/2016 "Death and Dying in West Africa: Understanding Cultural Traditions and
Conflicting Biomedical Imperatives During the Ebola Epidemic"
Staten Island University Hospital Grand Rounds
New York, NY
- Panelist/Moderator
- 11/2019 "After Ebola: Lessons Learned in Sierra"
Moderator
Doctors Without Borders/ Médecins Sans Frontières (October 2019)
New York, NY
- 04/2019 "Migrations, Values, and Borders: is the equation so impossible"
Panelist
Sciences Po Paris School of International Affairs
Paris, France
- 03/2019 "Working in Human Rights and Humanitarian Action"
Moderator
Sciences Po – Paris School of International Affairs

Paris, France

03/2018 "Modeling the Potential Impacts of Climate Change on Population Distribution and Migration"
Panelist
Center for International Earth Science Information Network
New York, NY

03/2017 "Building a Career in Global Health and Emergency Medicine"
University of California, San Francisco School of Medicine
San Francisco, CA

02/2017 Ebola and Public Health: The Politics of Fear"
New York University Langone Medical Center (February 2017)
Panelist
New York, NY

05/2016 Domestic Response to Ebola and Ebola Preparedness: Plenary Session
Panelist
National Ebola Treatment and Education Center (NETEC) Summit
Atlanta, GA

05/2015 West Africa Ebola Outbreak: Plenary Session
Panelist
Doctors Without Borders General Assembly
New York, NY

Webinars

04/2020 "Let's Talk COVID-19 : MSF Responds to a Pandemic." Doctors Without Borders.

04/2020 COVID-19 Digital Q&A for New York City Council Member Levine

06/2019 "Turned Away: No Refuge for People Forced from Home"
Doctors Without Borders/ Médecins Sans Frontières
Washington, DC

05/2017 "Ebola in West Africa: Looking Back, Moving Forward"
Doctors Without Borders/ Médecins Sans Frontières (May 2017)
New York, NY