2020 FISCAL YEAR ANNUAL REPORT

DIVISION OF GLOBAL EMERGENCY MEDICINE

THE WARREN ALPERT MEDICAL SCHOOL OF BROWN UNIVERSITY

BROWN EMERGENCY MEDICINE
BROWN PHYSICIANS, INC.
MISSION STATEMENT

"The Mission of the Division of Global Emergency Medicine is to provide high-quality, culturally competent, emergency care, education, research, and leadership in resource-limited settings across the globe. The division engages residents, medical students, physician assistants, and fellows in global emergency medicine collaborations from institutions around the world."
LETTER FROM OUR DIVISION DIRECTOR – Adam C. Levine, MD, MPH

This past year has been one of the most painful in our lifetimes, not only for us, but for nearly all of humanity. When we published our last annual report, SARS-CoV-2 had yet to cause a single reported human infection. Now, more than 65 million people have been infected and more than 1.5 million have died worldwide according to World Health Organization estimates, while continued global limitations in testing mean that actual numbers are certainly many times higher. The International Monetary Fund estimates that the world’s GDP contracted by 4.4% this year as millions of businesses shuttered and laid off their workers, while the number of people facing starvation increased by 3 million according to the World Food Program. Yet the darkest phase of the COVID-19 pandemic still lays ahead of us, as the northern hemisphere enters its winter season, and the world waits for effective and affordable vaccines and therapeutics to become widely available.

In a year like 2020, it would be easy (and understandable), for any of us to throw up our hands in resignation, to hunker down and focus all our excess energies on ourselves and our families alone. Yet our Division of Global Emergency Medicine (GEM) chose instead to double down on its efforts to help those in need, both at home and abroad. Our faculty and trainees have poured themselves into the global COVID-19 response, developing and delivering training programs and conducting cutting edge research to reduce suffering and bring this pandemic to an end. In addition, they have continued to support emergency care development efforts in countries across the world, working remotely with emergency care colleagues in East and West Africa, Latin America, and South Asia to accomplish their important work.
I want to highlight three major initiatives in which our faculty and fellows have been involved this past year. The first is a partnership with the international humanitarian organization Project HOPE to build and deliver a virtual Training of the Trainers Course in COVID-19 Preparedness and Response for health workers worldwide. Covering a range of public health and clinical care topics, our GEM faculty and fellows developed this training in the span of just a few weeks in March and have since delivered it virtually in over 55 countries on five continents. To date, more than 3,000 trainers have completed the course, who in turn have gone on to train over 80,000 local health workers using our training materials (including many here in the United States).

Our faculty have also collaborated on a number of COVID-19 research studies around the globe, including clinical trials studying two of the most promising therapeutics for early outpatient management of COVID-19: convalescent plasma and monoclonal antibodies. Convalescent plasma in particular, if proven to be effective in our trial, may end up being the most widely available treatment for COVID-19 globally, as it won’t be under any patent and is already available for use in most of the world. Finally, our senior GEM fellow Sonya Naganathan and Division faculty used their humanitarian skills and knowledge to contribute to the stand-up of the RI Convention Center Alternative Hospital Site, demonstrating once again that global health can have a positive impact domestically as well as internationally.

This past year, our division (re)welcomed its newest core faculty members, Dr. Katelyn Moretti, who joins us from her GEM fellowship as our new Climate Change and Healthcare Sustainable Coordinator, and Dr. Noah Rosenberg, who returns to BEM as research faculty and our Division’s new Global Bioethics Coordinator. This year we also welcomed Drs. Ramu Kharel and Austin Lee as our new GEM fellows, who have already hit the ground running with an array of global projects. Finally, we recruited a record-breaking new cohort of over 30 GEM student interns to support our faculty and fellow projects!

In FY2019, our Division faculty and fellows made significant contributions to the GEM evidence base, publishing nearly 60 peer reviewed manuscripts, book chapters, and abstracts. In total, our Division faculty currently hold about a dozen active grants, totaling over $10 million in cumulative funding. As can be seen from this report, our faculty and fellow research spans the breadth of GEM, from infectious diseases to trauma care, and from education to US and mobile health.

In addition to their research, our faculty and fellows have become international leaders in global health education. They have delivered more than 50 lectures, invited presentations, and ground rounds on Global EM topics this past year, including several presentations at ACEP and SAEM. While the pandemic limited international rotations for our BEM residents this year, several have become involved in the work of our GEM Division, and this year Giovanna Deluca and Derek Lubetkin joined Nichole Michaeli, Josh Kaine, and Meagan Barry in the Brown Resident International/Global Health Training program.

We are thankful for the continued support of Brown Emergency Medicine and proud of what we have been able to accomplish both at home and abroad during this most difficult of years.

Sincerely,

Adam C. Levine, MD, MPH
Director, Division of Global Emergency Medicine
CORE FACULTY

Adam Levine, MD, MPH, FACEP
Director, Division of Global Emergency Medicine

Academic Interests:
Acute care research and training during humanitarian emergencies and in resource-limited settings
Adam_Levine@brown.edu

Naz Karim, MD, MHA, MSc, MPH
Director, Global Emergency Medicine Fellowship

Academic Interests:
Prehospital and Emergency care in Rwanda, use of technology to advance medical education
Naz_Karim@brown.edu

Adam Aluisio, MD, MSc, DTM&H
Associate Director, Global Emergency Medicine Fellowship

Academic Interests:
Emergency and acute care research and training in LMICs including Rwanda and Haiti
Adam_Aluisio@brown.edu

Alexis Kearney, MD, MPH
Global Emergency Medicine Resident Coordinator

Academic Interests:
Emergency medicine development in Ecuador
Alexis_Kearney@brown.edu
Grace Wanjiku, MD
Global Ultrasound Coordinator

Academic Interests:
Emergency medicine development in Kenya,
Point of care ultrasound in resource limited settings
Grace_Wanjiku@brown.edu

Alicia Genisca, MD
Global Pediatric Emergency Medicine Coordinator

Academic Interests:
Emergency Medicine Development in Belize,
Pediatric Triage in Low-Resource Settings
Alicia_Genisca@brown.edu

Stephanie Chow Garbern, MD, MPH, DTM&H
Global Emergency Medicine Research Coordinator

Academic interests:
Research in humanitarian settings, sepsis and infectious
diseases, mobile health and wearable technologies in
resource-limited settings
Stephanie_Garbern@brown.edu

Alison Hayward, MD, MPH
Global Emergency Medicine Education Coordinator

Academic Interests:
Global medical education, social media and community
health programming
Alison_Hayward@brown.edu
Katelyn Moretti, MD, MPH
Climate Change and Healthcare Sustainability Program Coordinator

*Academic Interests:* The impacts of climate change on vulnerable populations and healthcare sustainability.
*Katelyn_Moretti@brown.edu*

Noah Rosenberg, MD
Global Bioethics Coordinator

*Academic Interests:* Global health bioethics, substance use disorder in resource-limited settings, global medical education
*noah_rosenberg@brown.edu*

ASSOCIATE FACULTY

Christian Arbelaez, MD, MPH
Vice Chair of Academic Affairs, Department of Emergency Medicine, Associate Professor, Alpert Medical School, Brown University

*christian_arbelaez@brown.edu*

ADJUNCT FACULTY

Kyle Denison Martin, DO, MA, MPH

*Academic Interests:* Global emergency medicine education and curriculum development, innovative approaches to non-communicable disease management in LMICs
Jonathan Cahill, MD

*Academic Interests:* Tropical Medicine, Travel Medicine, Migration Health, Emerging Infectious Diseases, Population Surveillance, HIV, Humanitarian Response

Robert Partridge, MD

*Academic Interests:* Global disaster relief, medical care for international travelers and expeditions, trauma education in limited resource settings.

John Foggle, MD, MBA

*Academic Interests:* Wilderness medicine, disaster preparedness, global health education, and trauma management in limited resource environments.

Dr. Foggle in Tonga with World Health Organization (photo courtesy of John Foggle)
GLOBAL EMERGENCY MEDICINE FELLOWS

Sonya Naganathan, MD

Dr. Sonya Naganathan received her MD from The University of Toledo College of Medicine & Sciences in Toledo, Ohio and completed her residency training at Washington University in St. Louis prior to joining Brown EM. Previously, she worked in Kumasi, Ghana at Komfo Anokye Teaching Hospital in a bedside teaching role. Her fellowship activities include teaching and involvement in various research studies with the EM residency at the University Teaching Hospital in Kigali, Rwanda; additionally, she is working with faculty at Brown EM and Kenyatta National Hospital in Nairobi, Kenya to develop an E-FAST ultrasound triage protocol. She is also currently working to implement WHO Basic Emergency Care training in Rwanda. Her other interests lie in humanitarian logistics and operations, pre-hospital care, and critical care in resource limited settings.

Ramu Kharel, MD, MPH

Dr. Ramu Kharel is a Global Emergency Medicine Fellow in the Department of Emergency Medicine at Brown University. He completed his emergency medicine from Emory University. He went to medical school at UT Southwestern and received his MPH from Harvard University. Dr. Kharel has a focus in health system strengthening and emergency system strengthening in rural settings. His public health focus has been on advancing public education for hand washing. Dr. Kharel also has an interest in disaster response, and has helped rebuild health centers after the Nepal earthquake through a NGO he founded. His current research focus is on strengthening emergency care systems. He currently practices emergency medicine in Providence, Rhode Island.

John Austin Lee, MD, MPH

Dr. J. Austin Lee is a fellow in Global Emergency Medicine at Brown University, and he is an attending physician in emergency medicine at Miriam Hospital in Rhode Island. He obtained his MPH with a focus in global health from George Washington University and spent several years working on a variety of projects at the Sabin Vaccine Institute focused on neglected tropical infections and typhoid. Dr. Lee attended medical school at Indiana University, and was chief resident in emergency medicine at the University of Virginia. Dr. Lee is primarily interested in growing and strengthening the specialty of emergency medicine in developing contexts. He has worked in both public health and clinical medicine in a number of different regions around the world.
COVID-19 TRAINING FOR HEALTH CARE WORKERS: PREPAREDNESS AND RESPONSE

The Division of Global Emergency Medicine has been at the forefront of the global response to the COVID-19 outbreak, with faculty and fellows leading the development and implementation of a COVID-19 training program for frontline health care workers, public health professionals, and health care leadership to rapidly scale-up response efforts in high-risk countries around the world.

55 Countries Impacted

4,291 Individuals trained in the TOT program

83,317 Individuals trained through secondary trainings

[World map showing countries with impact]
Project Overview

The COVID-19 Training for Health Care Workers: Preparedness and Response project is a collaboration between the Brown Center for Human Rights and Humanitarian Studies (CHRHS) at the Watson Institute of Brown University and Project HOPE, a global health and humanitarian relief organization that works to empower health workers to save lives.

Widespread Global Impact

Developed by members of the Division of Global Emergency Medicine and tailored for each specific country setting in which it is delivered, the interactive curriculum has focused on strengthening the capacity of health workers in resource-limited settings. The training utilizes a Training-of-Trainers model to engage master trainers and coach new trainers, which has allowed Project HOPE and CHRHS to quickly build a cadre of competent instructors who have then trained other health workers within their networks to respond efficiently to the threat of COVID-19 while also protecting their own health. The training materials have been translated into Spanish, French, Arabic, Portuguese, Russian, and multiple other languages, and have been used both locally in Rhode Island as well as more than 45 countries.

Albania; Algeria; Bahamas; Bangladesh; Bosnia and Herzegovina; Brazil; Botswana; Colombia; Dominican Republic; Ecuador; Egypt; Eswatini; Ethiopia; Georgia; Guatemala; Haiti; Honduras; India; Indonesia; Kenya; Kyrgyzstan; Kosovo; Lesotho; Malawi; Mauritania; Mexico; Mozambique; Montenegro; Namibia; Nepal; Nigeria; North Macedonia; Peru; Philippines; Puerto Rico; Serbia; Sudan; Ukraine; USVI; Venezuela; Western Sahara; Zambia

Division Faculty, Fellow, and Resident Trainers

Adam Aluisio, Meagan Barry, John Foggle, Stephanie C. Garbern, Alicia Genisca, Catalina González Marqués, Alison Hayward, Adam C. Levine, Naz Karim, Alexis Kearney, Ramu Kharel, Katelyn Moretti, Sonya Naganathan
Increased Core Knowledge and Trainee Satisfaction

Figure 1: Average Score by Country. Average pre- and post-test country specific scores, illustrating improvement by at least 8% for each country following the Training of Trainers Program.

91% satisfaction rate

+14% improvement

The virtually implemented training showed significant changes of knowledge in core competency sets among health providers. Across all countries there has been a 14% average improvement in core knowledge after completing the TOT.

Figure 2: Level of Training. Participant’s feedback from all countries on the appropriateness of the level of training provided in the Training of Trainers Program.
"Working on the COVID-19 course has been an incredible experience, and I feel it is a model for how high-quality educational initiatives can be virtually disseminated around the globe. It was clear during the training that our work served to directly combat misinformation and myths that were being propagated through other informal channels. Project HOPE's network and outreach created an extremely successful collaboration.

Alison Hayward"
GRANT FUNDING

Adam Aluisio, MD, MSc, DTMH
- National Institutes of Health, National Institute of Allergy and Infectious Disease
  HIV in Injury: eValuation of Self-Testing in African Emergency Care for the Injured (HIV AECI)
  Grant Number: K23AI145411
  Total Funding: $973,375
  Role: Principal Investigator (funding period: 03/2020-02/2025)

- National Institutes of Health, Loan Repayment Program, National Institute of Allergy and Infectious Disease.
  Total Funding: $100,000
  Role: Recipient (funding period: 07/2020 – 06/2022)

- United States Department of Defense
  A. Convalescent Plasma to Stem Coronavirus: A Randomized Controlled Double Blinded Phase 2 Study Comparing the Efficacy and Safety of Human Coronavirus Immune Plasma versus control among Adults Exposed to COVID-19 (PI Soham)
  B. Convalescent Plasma to Limit Coronavirus Associated Complications: A Randomized, Double-Blind, Controlled, Phase 2 Study Comparing the Efficacy and Safety of Human Coronavirus Immune Plasma versus Control Plasma Among Outpatients with Symptomatic COVID-19 (PI Sullivan)
  Role: Site Co-investigator (5/2020 - 4/2021)

- Brown University COVID-19 Research Seed Grant Award
  Establishment of an Inter-Institutional Biorepository to Support COVID-19 Related Research (MPIs Ramratnam, Jay, Beaudoin)
  Role: Co-investigator (5/2020 - 4/2021)

Stephanie Garbern, MD, MPH, DTMH
- United States Centers for Disease Control and Prevention
  Global Emergency Response and Recovery Partner Engagement: Expanding Efforts and Strategies to Improve Rapid Response to Public Health Emergencies Globally
  Grant Number: NU2GGH002058
  Role: Co-Investigator
• **Pending Review:**
  NIH/Fogarty International Center
  Development of a Mobile Health Personalized Physiologic Analytics Tool for Pediatric Patients with Sepsis
  Role: Co-Investigator, $884,825 total direct costs

• NIH/National Institutes of Allergy and Infectious Disease
  Development of a Mobile Health Tool for Appropriate Antimicrobial Use in Patients with Acute Diarrheal Disease
  Role: Principal Investigator, $904,351 total direct costs

**Grace Wanjiku, MD**

- Carnegie African Diaspora Alumnae Fellowship 03/2020- 03/2021
  Curriculum development for a Master of Emergency Medicine, Aga Khan University Hospital, Nairobi, Kenya (AKUHN). Collaborative project between Grace Wanjiku (MD) Brown University and Benjamin Wachira MMED (AKUHN)

- Kenyatta National Hospital/ University of Nairobi Research Funding 09/2020-09/2021.
  Effectiveness of point-of-care ultrasound for diagnosis and management of covid-19 in Kenya
  Role: Co-Investigator
  Total Costs: $10,000

**Alicia Genisca, MD**

- Rhode Island Foundation Medical Grant
  Development of Diagnostic and Prognostic Predictive Models for Pediatric Ebola Virus Disease Grant #: 5222_20200596  Role: Primary Investigator  $25,000 total costs

**Adam Levine, MD**

- NIH National Institute of Diabetes and Digestive and Kidney Diseases 09/2018-06/2023
  Development of a novel mobile health tool for age-specific dehydration assessment and management in patients with diarrheal disease
  Grant Number: R01DK116163
  Role: Principal Investigator  $2,809,435 total costs

- United States Centers for Disease Control and Prevention 06/2017-06/2022
  Global Emergency Response and Recovery Partner Engagement: Expanding Efforts and Strategies to Improve Rapid Response to Public Health Emergencies Globally
  Grant Number: NU2GGH002058
  Role: Principal Investigator  $3,821,055 total costs

- Carnegie Corporation of New York 04/2018-12/2020
  Civilian-Military Coordination in Humanitarian Response (PI: Steinfeld)
  Grant Number: R-17-55582
  Role: Co-Investigator  $175,000 total costs

  Grant Number: SAPP0048493
  Role: Principal Investigator  $299,978 total costs

- Project HOPE, the People-to-People Health Foundation, Inc. 04/2020-09/2020 Global Training of the Trainers for COVID-19 Preparedness and Response
  Role: Project Director  $227,100 total costs
• United States Department of Defense 06/2020-05/2021
Convalescent Plasma Randomized Clinical Trials for Early COVID-19 Treatment are Foundational for Subsequent Hyperimmune Globulin and Vaccines (PI: Sullivan)
Grant Number: W911QY2090012
Role: Site-Principal Investigator $1,087,436 total subaward costs

Research Team for NIRUDAK Study at icddrb in Dhaka Bangladesh (left) and NIRUDAK Study Program Coordinator Demonstrating Stool Culture to Local Health Worker (right) (photos courtesy of Adam Levine)

PEER-REVIEWED PUBLICATIONS


• Stephen AH, Montoya RL, Aluisio AR. “Sepsis and Septic Shock in Low- and Middle-Income Countries” Surg Infect, 2020 May. PMID: 32401160


• Balhara KS, Bustamante ND, Selvam A, Winders WT, Coker A, Trehan I, Becker TK, Levine AC. Bystander


- **Dreizler L, Wanjiku G.** Tele-ECHO for Point-of-Care Ultrasound in Rural Kenya. A Feasibility Study. Rhode Island Medical Journal Vol 102, Number 7. Sept 2019


• Garbern SC. “Behind the Same Mask: Health Disparities in COVID-19.” Manuscript accepted for publication in Academic Medicine (July 2020).
ABSTRACTS


- Keamey AS, Aluisio AR, Laghari R, Germain C, Ngole ME, Muhayangabo RF, Abel L, Colubri A, Muyembe JJ,


• Nasrin S, Garbern SC, Gainey M, Alam N, Levine AC. Clinical Predictors of Bacterial Etiology of Acute Diarrhea in Bangladesh. Presented virtually at Global Health Innovation Conference April 2020

Nasrin S, Garbern SC, Gainey M, Alam N, Levine AC. Sociodemographic Predictors of Bacterial Etiology of Acute Diarrhea in Bangladesh. Global Health Innovation Conference April 2020 (virtual)

Dr. Garbern with icddr,b research staff Dr. Sabiha Nasrin and Dr. Mahmuda Monjory in the icddr,b rehydration ward (left) and at Narayanganj District Hospital (right) in Dhaka, Bangladesh (photos courtesy of Stephanie Garbern)

Dr. Partridge presenting on medical care on Antarctic voyages at ICEM, Seoul, South Korea 2019 (photo courtesy of Robert Partridge).
INVITED PRESENTATIONS

Adam Aluisio, MD

National

International

Adam Levine, MD

• University of Massachusetts, Amherst Department of Political Science. “Complex Humanitarian Emergencies.” Amherst, Massachusetts, 2019.

Alicia Genisca, MD

• SAEM GEMA Basic Emergency Care Course. November 2020.

Christian Arbelaez, MD

Regional

National
• ACEP International Engagement Leadership Retreat, Moderator. American College of Emergency Physicians, Dallas, TX, 2020

International
• Opening Remarks. Speaker. Asociación Colombiana de Especialistas de Urgencias y Emergencias (ACEM), Cartagena, Colombia, 2020

Grace Wanjiku, MD

National

...
• Emergency Medicine and Point-of-Care ultrasound in Kenya 05/2020 Presented at the Center for Ultrasound Research and Education (CURE), Massachusetts General Hospital's Global Ultrasound Month Virtual Conference. Boston MA

International
• Point of Care Ultrasound introductory course for 20 primary rural health care practitioners. Nairobi, Kenya 02/2020

Katelyn Moretti, MD

Naz Karim, MD
• "Innovations in a Global Pandemic”. ACEP 2020.

Stephanie Garbern, MD
• “COVID-19 Therapeutics: Current Research”
  International Rescue Committee, Somalia Country Program Meeting August 2020
• “COVID-19 in the Elderly” September 2020
  International Rescue Committee, Somalia Country Program Meeting September 2020

Noah Rosenberg, MD
• July 2020   Ethical Challenges for Research and Care During a Pandemic
  Emergency Care Association Conference Online, Rwanda

John Foggle, MD, MBA

Regional
• Netter School of Medicine at Quinnipiac University, Webinar on COVID-19 Frontline Perspectives, “Working in a Pandemic at Home and Abroad”, May 29, 2020.

National
• “Monitor Mondays” podcast, frequent weekly contributor on COVID-19, since July 2020.
• “Talk Ten Tuesdays” podcast, frequent weekly contributor on COVID-19, since September 2020.

International
• “El Rol de la Ecografia de Emergencias a Nivel Mundial (The Role of Global Emergency Ultrasound)”, Emergency Physician panel along with Drs. Christopher Moore and Jorge Otero, at Pontificia Universidad Javeriana, Bogota, Colombia, March 10, 2020.
• International Medical Corps, Webinar Lead Speaker, “COVID-19: What Do We Think We Know?”, March 30, 2020.
Dr. Genisca’s virtual presentation “Parents Leading for Educational Equity – PLEE” (photo courtesy of Alicia Genisca)

Dr. Wanjiku presenting a webinar “Lung Ultrasound: What you need to know.” Butterfly Network Zoom Webinar, April 2020 (photo courtesy of Grace Wanjiku)

Dr. Karim at virtual ACEP International Leadership Meeting (left) and presenting as ACEP20 Invited Speaker (right) (photos courtesy of Naz Karim)
TEACHING

Adam Aluisio, MD
- Invited Lecturer, PHP 2710: Interdisciplinary Perspectives on Disability and Death in the Global South. “Dynamic Approaches for Partnerships and Collaborations in Global Emergency Care Research and Response,” Brown University School of Public Health, 2-hour interactive session with ~30 students

Adam Levine, MD
- Course Director, PHP 1802S/DEVS 1802S: Human Security and Humanitarian Response, Brown University School of Public Health, Annually, 2016-present, average class size: 40

Alexis Kearney, MD
- Faculty Advisor, BRIGHT Pathway for Global Health, The Warren Alpert Medical School of Brown University, Providence, RI, 2018 – Present.

Alicia Genisca, MD
- Doctoring Course Faculty. Warren Alpert Medical School of Brown University. 4 hours/wk

Katelyn Moretti, MD
- Brown Emergency Medicine Residency Journal Club Co-lead, August 2020-present
- EPS Faculty co-lead. Medical Student Skills course running September through November. August 2020-present
- Climate Change and Healthcare Sustainability Program Coordinator, Division of Global Emergency Medicine, August 2020-present

Naz Karim, MD
- Bryant University Physician Assistant Program, Deadly Emergencies Diagnosed by Ultrasound
- Director of WHO Basic Emergency Care (BEC) Training of the Trainers, Teaching skills and Simulation (2-day course; 2-hour lecture and 6 hours simulation)
- Mentor, Doctoring Program, Brown Alpert Medical School, Providence, Rhode Island
- Physician Assistant Mentor, Physician Assistant Program, Bryant University, Smithfield, Rhode Island
- Brown Fellowship Career Development Seminar, “The Job Hunt: A Timeline to Success”

Stephanie Garbern, MD
- Faculty Co-Lead, Global Emergency Medicine Student Leadership Program, American College of Emergency Physicians International Section, August 2020-present
- Global Emergency Medicine Internship Program Director, 2019-present
  Internship Director for over 30 undergraduate, graduate student and medical student interns from Brown University and external academic institutions
- Carolan Rwanda Research Fellowship Director, 2019-present
  Fellows: Ling Jing, Case Western Reserve University Medical Student (2019-2020); Alyssa Beeman, Brown University MPH Graduate (2020-present)
• Doctoring Program Course Faculty, Warren Alpert Medical School of Brown University
  Mentee: John Dibella, 2nd Year AMS Student

John Foggle, MD, MBA
• Course Director, MED 0731: Wilderness, Disasters, and Global Health: Emergency Medicine in Limited Resource Environments, Netter School of Medicine at Quinnipiac University, teach 2nd-year medical students, Annually, 2018-present, average class size: 15
• Course Director, PLME 0800: Wilderness, Disasters, and Global Health, Brown University, Fall 2020, class size: 15
• F. Edward Hébert School of Medicine at the Uniformed Services University, Bethesda, MD. Guest speaker via zoom for second-year medical students in the Infectious Disease Interest group on COVID-19, “WHO and I: Working in a Pandemic at Home and Abroad”, September 23, 2020.

Graduating emergency medicine residents in Kigali along with the two Carolan Fellows Ling and Aly (photo courtesy of Adam Levine)

Demonstrating donning and doffing of PPE for Project Hope’s first COVID-19 Training of Trainers (photo courtesy of Stephanie Garbern)
AWARDS & RECOGNITIONS

Adam Aluisio, MD
- The Miriam Hospital Gold Award for Exemplary Clinical Care. Awarded by The Miriam Hospital. 2020

Naz Karim, MD
- The Miriam Hospital Gold Award for Exemplary Clinical Care. Awarded by The Miriam Hospital. 2020

Alexis Kearney, MD
- Newport Hospital Emergency Department Clinical Excellence Award. Awarded by Brown Emergency Medicine. 2019

Christian Arbelaez, MD
- Ambassador Leadership Award. Awarded by American College of Emergency Physicians ACEP. 2020

RESIDENT ROTATIONS

Brown Emergency Medicine residents have the opportunity to rotate through our core sites in Rwanda, Kenya, and Colombia. Residents may also elect to complete rotations at non-core sites with the support of Global EM faculty members. Electives typically include a combination of direct clinical care, education and research. Travel restrictions due to COVID-19 resulted in many fewer resident rotations last year compared to a typical year. However, four residents successfully completed international rotations in the 2019-2020 academic year. Drs. Mike Wilk and Andy Beck both completed a four-week elective in Kenya at Kenyatta National Hospital. Dr. Will Galvin completed four weeks in Colombia and Dr. Jesse Werner spent four weeks in New Zealand.

Dr. Wanjiku with Brown EM residents Mike Wilk (left) and Andy Beck (right) during rotations at Kenyatta National Hospital in Kenya (photos courtesy of Grace Wanjiku).
CONTACT US

Follow on Twitter: @brown_global_em