

January 1, 2024

CURRICULUM VITAE  
ADAM C. LEVINE, MD, MPH, FACEP

Department of Emergency Medicine  
The Warren Alpert Medical School of Brown University  
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EDUCATION

***Undergraduate***

University of Southern California  
Aug 1996 to May 2000  
Bachelors of Arts (Creative Writing)

University of Southern California  
Aug 1996 to May 2000  
Bachelors of Science (Biomedical Engineering)

***Medical School***

University of California, San Francisco School of Medicine  
Aug 2000 to Dec 2004  
Doctor of Medicine

***Other Degrees***

University of California, Berkeley  
Aug 2003 to May 2004  
Master of Public Health (International Health)

Jamkhed International Institute for Training and Research  
May 2003 to Aug 2003  
Certificate in Community Based Health & Development

Harvard Humanitarian Studies Course  
May 2007 to May 2009  
Certificate in Humanitarian Studies and Field Practice

National Institutes of Health mHealth Training Institute  
Aug 2017  
Certificate in Mobile Health Research

United Nations Office for the Coordination of Humanitarian Affairs  
Dec 2016  
Certificate in Humanitarian Civilian-Military Coordination (UN-CMCoord)

Brown University  
May 2022  
Master of Arts, *ad eundem*

POSTGRADUATE TRAINING

**Residency**

Brigham and Women's Hospital/Massachusetts General Hospital  
Harvard Affiliated Emergency Medicine Residency  
July 2005 to June 2009  
Emergency Medicine

## POSTGRADUATE HONORS AND AWARDS

2008	Maryanne Povinelli Humanism Award BWH/MGH Harvard Affiliated Emergency Medicine Residency
2012	Humanitarian Service Award Society for Academic Emergency Medicine Global Emergency Medicine Academy
2012	Dean's Excellence in Teaching Award Brown University Alpert Medical School
2013	Exemplary Service Award Brown University Department of Emergency Medicine
2013	Community Service Award American Medical Association Young Physicians Section
2015	Rhode Islander of the Year Rhode Island Monthly Magazine
2016	International Award in Medicine American Medical Association Foundation
2017	Global Health Impact Award Brown University Department of Emergency Medicine
2017	Outstanding Contribution to Global Emergency Medicine Research Award Society for Academic Emergency Medicine Global Emergency Medicine Academy
2019	Emergency Medicine Globalization and Advancement Award Society for Academic Emergency Medicine Global Emergency Medicine Academy
2019	Top 40 Under 40 Providence Business News
2019	4 Under 40 Award Rhode Island Medical Society
2020	Gregory Jay, MD Research Impact Award Brown University Department of Emergency Medicine
2021	Presidential Lifetime Achievement Award Society for Academic Emergency Medicine Global Emergency Medicine Academy
2022	Michael J. Mello, MD Outstanding Mentor in Research Award Brown University Department of Emergency Medicine
2023	Brian J. Zink, MD Outstanding Leadership in Emergency Medicine Award Brown University Department of Emergency Medicine

## PROFESSIONAL LICENSES AND CERTIFICATION

2005	Advanced Cardiac Life Support
2005	Advanced Trauma Life Support
2006-	Full License, Massachusetts Board of Registration in Medicine
2008	Full License, Health Professions Council of South Africa
2009-	Full License, Rhode Island Board of Medical Licensure and Discipline
2010-2014	Full License, Rwanda Medical Council
2011-	Diplomate, American Board of Emergency Medicine
2012-	Fellow, American College of Emergency Physicians

## ACADEMIC APPOINTMENTS

2009-2016	Assistant Professor of Emergency Medicine Brown University Alpert Medical School Providence, Rhode Island
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2012-2018 Program Director, Global Emergency Medicine Fellowship  
Brown University Alpert Medical School  
Providence, Rhode Island

2016-2021 Associate Professor of Emergency Medicine  
Brown University Alpert Medical School  
Providence, Rhode Island

2016-2023 Faculty Fellow  
Brown University Watson Institute for International and Public Affairs  
Providence, Rhode Island

2016-2019 Director, Humanitarian Innovation Initiative  
Brown University Watson Institute for International and Public Affairs  
Providence, Rhode Island

2018-2023 Chief, Division of Global Emergency Medicine  
Brown University Department of Emergency Medicine  
Providence, Rhode Island

2018- Honorary Associate Professor in Emergency Medicine  
College of Medicine and Health Sciences, University of Rwanda  
Kigali, Rwanda

2019- Inaugural Director, Center for Human Rights and Humanitarian Studies  
Brown University Watson Institute for International and Public Affairs  
Providence, Rhode Island

2021- Professor of Emergency Medicine  
Brown University Alpert Medical School  
Providence, Rhode Island

2021- Professor of Health Services, Policy & Practice (Secondary Appointment)  
Brown University School of Public Health  
Providence, Rhode Island

2023 Associate Director, Global Health Initiative  
Brown University Division of Biology and Medicine  
Providence, Rhode Island

2024- Associate Dean of Global Health Equity  
Brown University Division of Biology and Medicine  
Providence, Rhode Island

2024- Professor of International and Public Affairs  
Brown University Watson Institute for International and Public Affairs  
Providence, Rhode Island

#### HOSPITAL APPOINTMENTS

2005-2009 Resident Physician  
Department of Emergency Medicine, Brigham and Women's Hospital  
Boston, Massachusetts

2005-2009 Resident Physician  
Department of Emergency Medicine, Massachusetts General Hospital  
Boston, Massachusetts

2009-2015 Staff Physician  
Department of Emergency Medicine, The Miriam Hospital  
Providence, Rhode Island

2009- Staff Physician  
Department of Emergency Medicine, Rhode Island Hospital  
Providence, Rhode Island

2010- Affiliate Faculty  
Lifespan Center for International Health Research  
Providence, Rhode Island

2011- Staff Physician  
Department of Emergency Medicine, Hasbro Children's Hospital  
Providence, Rhode Island

UNIVERSITY COMMITTEES

2009- Research Committee  
Department of Emergency Medicine  
Brown University Alpert Medical School

2015-2018 Education Section  
Department of Emergency Medicine  
Brown University Alpert Medical School

2015-2019 Co-Chair, Displaced Scholars Response Committee  
Office of the Provost  
Brown University

2016 Search Committee for Vice Chair for Academic Affairs  
Department of Emergency Medicine  
Brown University Alpert Medical School

2019- Nomination and Governance Committee  
Department of Emergency Medicine  
Brown University Alpert Medical School

2019-2020 Center for Global Health Committee  
Office of the Provost  
Brown University

2020 Healthy Fall 2020 Task Force  
Office of the President  
Brown University

2020- Brown University Institutional Review Board  
Office of the Vice President for Research  
Brown University

2021 Search Committee for Inaugural Director of Brown Global Health Institute

Office of the Provost  
Brown University

2021-2022 Search Committee for Human Rights Chair  
Watson Institute for International and Public Affairs  
Brown University

2023- Promotion Committee  
Department of Emergency Medicine  
Brown University Alpert Medical School

2023- Research Committee  
Brown Physicians, Inc.

#### CONSULTANT POSITIONS

2009 Consultant, Asian University for Women  
Chittagong, Bangladesh

2017-2018 Consultant, Henry M. Jackson Foundation for the Advancement of Military Medicine  
Joint Mobile Emerging Disease Intervention Clinical Capability (JMEDICC) Project  
Fort Portal, Uganda

2018- Consultant, University of Utah  
Development of clinical decision tools for management of diarrhea of children in high and  
low resource settings (R01AI135114, PI: Leung)  
Salt Lake City, Utah

2023 Consultant, International Medical Corps  
Washington, DC

#### HUMANITARIAN AND VOLUNTARY POSITIONS

2009-2012 Clinical Advisor for Emergency and Trauma Care  
Partners In Health - Rwanda  
Kigali, Rwanda

2010 Medical Coordinator, Harvard Humanitarian Initiative  
Disaster Recovery Center  
Fond Parisien, Haiti

2010 Emergency Medical Coordinator, International Medical Corps  
Hopital de l'Université d'Etat d'Haiti (HUEH)  
Port-au-Prince, Haiti

2011 Emergency Medical Coordinator, International Medical Corps  
Trauma Field Hospital  
Misurata, Libya

2012 Emergency Medical Coordinator, International Medical Corps  
Refugee Camp Clinic  
Juba, South Sudan

2014 Emergency Medical Coordinator, International Medical Corps

- Bong County Ebola Treatment Unit  
Bong County, Liberia
- 2016 Emergency Medical Coordinator, International Medical Corps  
Cholera Treatment Unit  
Les Anglais, Haiti
- 2023- Street Medicine Outreach  
House of Hope and Project Weber/RENEW  
Providence, Rhode Island

OTHER POSITIONS

- 1997 Field Manager, Clean Air Campaign  
California Public Interest Research Group  
Los Angeles, California
- 1998 Assistant Director, Honolulu Office  
United States Public Interest Research Group  
Honolulu, Hawaii
- 2000 Director, Health Care Without Harm Campaign  
Physicians for Social Responsibility, Los Angeles  
Los Angeles, California
- 2004 Frank C. Newman International Human Rights Intern  
Human Rights Advocates  
San Francisco, California
- 2005 Intern, Health Action in Crises Department  
World Health Organization  
Geneva, Switzerland
- 2006-2008 Co-Director of Monitoring and Evaluation, Maternal/Infant Health Initiative,  
Massachusetts General Hospital Center for Global Health  
Boston, Massachusetts
- 2016- Member, Steering Committee, Ebola Data Platform  
Infectious Disease Data Observatory, Oxford University  
Oxford, United Kingdom
- 2016 Member, Guideline Development Group on Acute Supportive Care of Patients with Ebola  
Virus Disease in Resource Limited Settings  
World Health Organization  
Geneva, Switzerland
- 2017-2019 Member, Collaborative for Enhancing Emergency Care Research in LMICs  
Center for Global Health Studies, NIH Fogarty International Center  
Bethesda, Maryland
- 2017-2019 Member, Health Research in Humanitarian Crises Planning Committee  
Center for Global Health Studies, NIH Fogarty International Center  
Bethesda, Maryland
- 2018-2020 Member, Global Trial Board, PALM Randomized Controlled Trial

World Health Organization  
Geneva, Switzerland

2017- Member, Steering Committee, Global Forum for Humanitarian Health Research  
Center for Global Health Studies, NIH Fogarty International Center  
Bethesda, Maryland

#### EDITORIAL BOARDS

2006-2019 Editor-in-Chief  
Global Emergency Medicine Literature Review  
Academic Emergency Medicine Journal

2019-2021 Advisor  
Global Emergency Medicine Literature Review  
Academic Emergency Medicine Journal

#### PEER REVIEW

2008-2010 International Journal of Emergency Medicine (IJEM)  
2009-2012 Disaster Medicine and Public Health Preparedness  
2011- African Journal of Emergency Medicine  
2014- Pediatrics  
2015- Annals of Emergency Medicine  
2015- PLOS Journals  
2016- Bulletin of the World Health Organization  
2016- Lancet Journals  
2023-2024 Scientific Review Committee, Global Health Security 2024 Conference

#### GRANT REVIEW AND STUDY SECTIONS

2010 External Reviewer, NIH Center for Scientific Review, External Peer Review Panel,  
Fogarty International Collaborative Trauma and Injury Research Training Program

2011 Study Section Member, NIH Center for Scientific Review, Special Emphasis Panel,  
Chronic, Non-Communicable Diseases and Disorders Across the Lifespan: Fogarty  
international Research Training Award (NCD-LIFESPAN)

2018- Member, Funding Committee  
Research for Health in Humanitarian Crises (R2HC)

2023- Member, T32 Executive Committee  
HIV and Other Infectious Consequences of Substance Use (MPI: Flanigan, Rich)  
Providence, Rhode Island

#### PROFESSIONAL ORGANIZATIONS

##### **American Medical Association (AMA):**

2000- Member  
2003-2004 Medical Student Section Delegate, AMA House of Delegates  
2003-2004 Member, Governing Council, AMA Medical Student Section  
2005-2006 Resident and Fellows Section Alternate Delegate, AMA House of Delegates

2005-2006 Member, Governing Council, AMA Resident and Fellows Section  
2009-2011 Member, Advisory Committee to the AMA Board of Trustees on GLBT Issues  
2011-2013 Chair, Advisory Committee to the AMA Board of Trustees on GLBT Issues

**American Public Health Association (APHA):**

2003- Member

**American College of Emergency Physicians (ACEP):**

2005- Member  
2006-2009 ACEP Resident Delegate, AMA House of Delegates  
2009-2013 ACEP Delegate, AMA Young Physicians Section  
2010-2013 ACEP Alternate Delegate, AMA House of Delegates  
2011-2022 ACEP Lead Ambassador to Rwanda

**Society for Academic Emergency Medicine (SAEM):**

2005- Member  
2012-2015 Vice-President, Global Emergency Medicine Academy  
2014-2015 Chair, International Emergency Medicine Fellowship Consortium

PUBLICATIONS (Total Citations: 5,350, h-index: 33, i10-index: 87)

ORIGINAL PUBLICATIONS IN PEER REVIEWED JOURNALS

1. **Levine AC**, Presser DZ, Rosborough S, Ghebreyesus TA, Davis MA. Understanding barriers to emergency care in low-income countries: view from the front line. *Prehosp Disaster Med.* 2007 Sep-Oct;22(5):467-70. PubMed PMID: 18087920.
2. **Levine AC**, Marsh RH, Nelson SW, Tyer-Viola L, Burke TF. Measuring access to emergency obstetric care in rural Zambia. *Int J Emerg Med.* 2008 Jun;1(2):113-9. doi: 10.1007/s12245-008-0032-4. Epub 2008 May 31. PubMed PMID: 19384661; PubMed Central PMCID: PMC2657244.
3. VanRooyen MJ, Leaning J, Johnson K, Hirschfeld K, Tuller D, **Levine AC**, Hefferman J. Employment of a livelihoods analysis to define genocide in the Darfur region of Sudan. *J Genocide Res* 2008; 10:343–358. doi: 10.1080/14623520802305727.
4. Baugh CW, **Levine AC**, Pallin DJ. Heart block and nonocclusive mesenteric ischemia. *Int J Emerg Med.* 2009 Sep;2(3):171-2. doi: 10.1007/s12245-009-0100-4. Epub 2009 Apr 29. PubMed PMID: 19404703; PubMed Central PMCID: PMC2760693.
5. Kasivisvanathan V, **Levine A**, Kasivisvanathan R, Brown DF, Nadel ES. Dyspnea and multiple pulmonary nodules. *J Emerg Med.* 2009 Oct;37(3):300-4. doi: 10.1016/j.jemermed.2009.07.030. Epub 2009 Aug 31. PubMed PMID: 19717265.
6. Marsh RH, **Levine AC**, Noble VE, Brown DF, Nadel ES. Blunt cardiac rupture. *J Emerg Med.* 2010 Sep;39(3):337-40. doi: 10.1016/j.jemermed.2010.03.020. Epub 2010 May 1. PubMed PMID: 20435425.
7. **Levine AC**, Shah SP, Umulisa I, Munyaneza RB, Dushimiyimana JM, Stegmann K, Musavuli J, Ngabitsinze P, Stulac S, Epino HM, Noble VE. Ultrasound assessment of severe dehydration in children with diarrhea and vomiting. *Acad Emerg Med.* 2010 Oct;17(10):1035-41. doi: 10.1111/j.1553-2712.2010.00830.x. PubMed PMID: 21040103.
8. Pringle K, Shah SP, Umulisa I, Mark Munyaneza RB, Dushimiyimana JM, Stegmann K, Musavuli J, Ngabitsinze P, Stulac S, **Levine AC**. Comparing the accuracy of three popular clinical dehydration



- scales in children with diarrhea. *Int J Emerg Med*. 2011 Sep 9;4:58. doi: 10.1186/1865-1380-4-58. PubMed PMID: 21902838; PubMed Central PMCID: PMC3182880.
9. **Levine AC**, Shetty P. Managing a front-line field hospital in Libya: Description of case mix and lessons learned for future humanitarian emergencies. *African Journal of Emergency Medicine* 2012; 2(2): 49-52. doi: 10.1016/j.afjem.2012.01.005.
  10. Burkle FM, Walls AE, Heck JP, Sorensen BS, Cranmer HH, Johnson K, **Levine AC**, Kayden S, Cahill B, VanRooyen MJ. Academic affiliated training centers in humanitarian health, Part I: program characteristics and professionalization preferences of centers in North America. *Prehosp Disaster Med*. 2013 Apr;28(2):155-62. doi: 10.1017/S1049023X12001690. Epub 2013 Jan 28. PubMed PMID: 23351967.
  11. Modi P, Munyaneza RB, Goldberg E, Choy G, Shailam R, Sagar P, Westra SJ, Nyakubya S, Gakwerere M, Wolfman V, Vinograd A, Moore M, **Levine AC**. Oxygen saturation can predict pediatric pneumonia in a resource-limited setting. *J Emerg Med*. 2013 Nov;45(5):752-60. doi: 10.1016/j.jemermed.2013.04.041. Epub 2013 Aug 9. PubMed PMID: 23937809.
  12. **Levine AC**, Munyaneza RM, Glavis-Bloom J, Redditt V, Cockrell HC, Kalimba B, Kabemba V, Musavuli J, Gakwerere M, Umurungi JP, Shah SP, Drobac PC. Prediction of severe disease in children with diarrhea in a resource-limited setting. *PLoS One*. 2013 Dec 3;8(12):e82386. doi: 10.1371/journal.pone.0082386. eCollection 2013. PubMed PMID: 24349271; PubMed Central PMCID: PMC3857792.
  13. Jacquet GA, Hansoti B, **Levine AC**, Martin IB. Career paths and practice patterns of global emergency medicine physicians: a cross-sectional survey. *J Emerg Med*. 2014 Sep;47(3):348-54. doi: 10.1016/j.jemermed.2014.01.029. Epub 2014 Mar 31. PubMed PMID: 24698508.
  14. Jauregui J, Nelson D, Choo E, Stearns B, **Levine AC**, Liebmann O, Shah SP. External validation and comparison of three pediatric clinical dehydration scales. *PLoS One*. 2014 May 2;9(5):e95739. doi: 10.1371/journal.pone.0095739. eCollection 2014. PubMed PMID: 24788134; PubMed Central PMCID: PMC4008432.
  15. Mugeni C\*, **Levine AC**\*, Munyaneza RM, Mulindahabi E, Cockrell HC, Glavis-Bloom J, Nutt CT, Wagner CM, Gaju E, Rukundo A, Habimana JP, Karema C, Ngabo F, Binagwaho A. Nationwide implementation of integrated community case management of childhood illness in Rwanda. *Glob Health Sci Pract*. 2014 Aug 5;2(3):328-41. doi: 10.9745/GHSP-D-14-00080. eCollection 2014 Aug. PubMed PMID: 25276592; PubMed Central PMCID: PMC4168626. (\* indicates co-first authors)
  16. Jauregui J, Nelson D, Choo E, Stearns B, **Levine AC**, Liebmann O, Shah SP. The BUDDY (Bedside Ultrasound to Detect Dehydration in Youth) study. *Crit Ultrasound J*. 2014 Sep 10;6(1):15. doi: 10.1186/s13089-014-0015-z. eCollection 2014. PubMed PMID: 25411590; PubMed Central PMCID: PMC4233328.
  17. **Levine AC**, Shetty PP, Henwood PC, Sabeti P, Katz JT, Vaidya A. Interactive medical case. A Liberian health care worker with fever. *N Engl J Med*. 2015 Jan 29;372(5):e7. doi: 10.1056/NEJMimc1414101. PubMed PMID: 25629759.
  18. **Levine AC**, Shetty PP, Burbach R, Cheemalapati S, Glavis-Bloom J, Wiskel T, Kesselly JK. Derivation and Internal Validation of the Ebola Prediction Score for Risk Stratification of Patients With Suspected Ebola Virus Disease. *Ann Emerg Med*. 2015 Sep;66(3):285-293.e1. doi: 10.1016/j.annemergmed.2015.03.011. Epub 2015 Apr 3. PubMed PMID: 25845607.
  19. Modi P, Nasrin S, Hawes M, Glavis-Bloom J, Alam NH, Hossain MI, **Levine AC**. Mid-upper Arm Circumference Outperforms Weight-Based Measures of Nutritional Status in Children with Diarrhea.

- J Nutr. 2015 Jul;145(7):1582-7. doi: 10.3945/jn.114.209718. Epub 2015 May 13. PubMed PMID: 25972523; PubMed Central PMCID: PMC4478950.
20. Pringle K, Mackey JM, Modi P, Janeway H, Romero T, Meynard F, Perez H, Herrera R, Bendana M, Labora A, Ruskis J, Foggie J, Partridge R, **Levine AC**. A short trauma course for physicians in a resource-limited setting: Is low-cost simulation effective? *Injury*. 2015 Sep;46(9):1796-800. doi: 10.1016/j.injury.2015.05.021. Epub 2015 May 18. PubMed PMID: 26073743.
  21. George N, **Levine AC**. Ocular Chlamydia Trachoma. *CJEM*. 2016 Sep;18(5):401. doi: 10.1017/cem.2015.74. Epub 2015 Jul 3. PubMed PMID: 26140694.
  22. **Levine AC**, Glavis-Bloom J, Modi P, Nasrin S, Rege S, Chu C, Schmid CH, Alam NH. Empirically Derived Dehydration Scoring and Decision Tree Models for Children with Diarrhea: Assessment and Internal Validation in a Prospective Cohort Study in Dhaka, Bangladesh. *Glob Health Sci Pract*. 2015 Aug 18;3(3):405-18. doi: 10.9745/GHSP-D-15-00097. PubMed PMID: 26374802; PubMed Central PMCID: PMC4570015.
  23. Modi P, Glavis-Bloom J, Nasrin S, Guy A, Chowa EP, Dvor N, Dworkis DA, Oh M, Silvestri DM, Strasberg S, Rege S, Noble VE, Alam NH, **Levine AC**. Accuracy of Inferior Vena Cava Ultrasound for Predicting Dehydration in Children with Acute Diarrhea in Resource-Limited Settings. *PLoS One*. 2016 Jan 14;11(1):e0146859. doi: 10.1371/journal.pone.0146859. eCollection 2016. PubMed PMID: 26766306; PubMed Central PMCID: PMC4713074.
  24. **Levine AC**, Glavis-Bloom J, Modi P, Nasrin S, Atika B, Rege S, Robertson S, Schmid CH, Alam NH. External validation of the DHAKA score and comparison with the current IMCI algorithm for the assessment of dehydration in children with diarrhoea: a prospective cohort study. *Lancet Glob Health*. 2016 Oct;4(10):e744-51. doi: 10.1016/S2214-109X(16)30150-4. Epub 2016 Aug 23. PubMed PMID: 27567350; PubMed Central PMCID: PMC5066390.
  25. Steinhubl SR, Feye D, **Levine AC**, Conkright C, Wegerich SW, Conkright G. Validation of a portable, deployable system for continuous vital sign monitoring using a multiparametric wearable sensor and personalised analytics in an Ebola treatment centre. *BMJ Glob Health*. 2016 Jul 5;1(1):e000070. doi: 10.1136/bmjgh-2016-000070. eCollection 2016. PubMed PMID: 28588930; PubMed Central PMCID: PMC5321315.
  26. Roshania R, Mallow M, Dunbar N, Mansary D, Shetty P, Lyon T, Pham K, Abad M, Shedd E, Tran AM, Cundy S, **Levine AC**. Successful Implementation of a Multicountry Clinical Surveillance and Data Collection System for Ebola Virus Disease in West Africa: Findings and Lessons Learned. *Glob Health Sci Pract*. 2016 Sep 29;4(3):394-409. doi: 10.9745/GHSP-D-16-00186. Print 2016 Sep 28. PubMed PMID: 27688716; PubMed Central PMCID: PMC5042696.
  27. Kearney AS, Kabeja LM, George N, Karim N, Aluisio AR, Mutabazi Z, Uwitonze JE, Nyinawankusi JD, Byiringiro JC, **Levine AC**. Development of a trauma and emergency database in Kigali, Rwanda. *Afr J Emerg Med*. 2016 Dec;6(4):185-190. doi: 10.1016/j.afjem.2016.10.002. Epub 2016 Oct 28. PubMed PMID: 30456093; PubMed Central PMCID: PMC6234174.
  28. Mbanjumucyo G, George N, Kearney A, Karim N, Aluisio AR, Mutabazi Z, Umuhire O, Enumah S, Scott JW, Uwitonze E, Nyinawankusi JD, Byiringiro JC, Kabagema I, Ntakiyiruta G, Jayaraman S, Riviello R, **Levine AC**. Epidemiology of injuries and outcomes among trauma patients receiving prehospital care at a tertiary teaching hospital in Kigali, Rwanda. *Afr J Emerg Med*. 2016 Dec;6(4):191-197. doi: 10.1016/j.afjem.2016.10.001. Epub 2016 Oct 28. PubMed PMID: 30456094; PubMed Central PMCID: PMC6234177.
  29. Aluisio AR, Teicher C, Wiskel T, Guy A, **Levine A**. Focused Training for Humanitarian Responders in Regional Anesthesia Techniques for a Planned Randomized Controlled Trial in a Disaster Setting. *PLoS Curr*. 2016 Nov 16;8. pii: ecurrents.dis.e75f9f9d977ac8adededb381e3948a04. doi:

- 10.1371/currents.dis.e75f9f9d977ac8adededb381e3948a04. Erratum in: PLoS Curr. 2017 Feb 6;9:. PubMed PMID: 28018749; PubMed Central PMCID: PMC5145820.
30. Smit MA, Michelow IC, Glavis-Bloom J, Wolfman V, **Levine AC**. Characteristics and Outcomes of Pediatric Patients With Ebola Virus Disease Admitted to Treatment Units in Liberia and Sierra Leone: A Retrospective Cohort Study. *Clin Infect Dis*. 2017 Feb 1;64(3):243-249. doi: 10.1093/cid/ciw725. Epub 2016 Oct 25. PubMed PMID: 28011610; PubMed Central PMCID: PMC5241778.
  31. Aluisio AR, Umuhire OF, Mbanjumucyo G, George N, Kearney A, Karim N, Nyinawankusi JD, Uwitonze E, Enumah S, Scott JW, Mutabazi Z, Ntakiyiruta G, Jayaraman S, Riviello R, Byiringiro JC, **Levine AC**. Epidemiologic Characteristics of Pediatric Trauma Patients Receiving Prehospital Care in Kigali, Rwanda. *Pediatr Emerg Care*. 2019 Sep;35(9):630-636. doi: 10.1097/PEC.0000000000001045. PubMed PMID: 28169980.
  32. Waxman M, Aluisio AR, Rege S, **Levine AC**. Characteristics and survival of patients with Ebola virus infection, malaria, or both in Sierra Leone: a retrospective cohort study. *Lancet Infect Dis*. 2017 Jun;17(6):654-660. doi: 10.1016/S1473-3099(17)30112-3. Epub 2017 Mar 1. PubMed PMID: 28258817.
  33. Henwood PC, Bebell LM, Roshania R, Wolfman V, Mallow M, Kalyanpur A, **Levine AC**. Ebola Virus Disease and Pregnancy: A Retrospective Cohort Study of Patients Managed at 5 Ebola Treatment Units in West Africa. *Clin Infect Dis*. 2017 Jul 15;65(2):292-299. doi: 10.1093/cid/cix290. PubMed PMID: 28379374; PubMed Central PMCID: PMC5850452.
  34. Wanjiku G, Janeway H, Foggie J, Partridge R, Wang Y, Kearney A, **Levine AC**, Carter J, Tabu JS. Assessing the impact of an emergency trauma course for senior medical students in Kenya. *Afr J Emerg Med*. 2017 Dec;7(4):167-171. doi: 10.1016/j.afjem.2017.04.013. Epub 2017 May 25. PubMed PMID: 30456133; PubMed Central PMCID: PMC6234127.
  35. Skrable K, Roshania R, Mallow M, Wolfman V, Siakor M, **Levine AC**. The natural history of acute Ebola Virus Disease among patients managed in five Ebola treatment units in West Africa: A retrospective cohort study. *PLoS Negl Trop Dis*. 2017 Jul 19;11(7):e0005700. doi: 10.1371/journal.pntd.0005700. eCollection 2017 Jul. PubMed PMID: 28723900; PubMed Central PMCID: PMC5536498.
  36. Skrable K, Bilal S, Sharma R, Robertson S, Ashenafi Y, Nasrin S, Alam NH, **Levine AC**. The Effects of Malnutrition and Diarrhea Type on the Accuracy of Clinical Signs of Dehydration in Children under Five: A Prospective Cohort Study in Bangladesh. *Am J Trop Med Hyg*. 2017 Nov;97(5):1345-1354. doi: 10.4269/ajtmh.17-0277. PubMed PMID: 29140238; PubMed Central PMCID: PMC5817771.
  37. Mackenzie DC, Nasrin S, Atika B, Modi P, Alam NH, **Levine AC**. Carotid Flow Time Test Performance for the Detection of Dehydration in Children With Diarrhea. *J Ultrasound Med*. 2018 Jun;37(6):1397-1402. doi: 10.1002/jum.14478. Epub 2017 Nov 9. PubMed PMID: 29119578.
  38. Aluisio AR, Garbern S, Wiskel T, Mutabazi ZA, Umuhire O, Ch'ng CC, Rudd KE, D'Arc Nyinawankusi J, Byiringiro JC, **Levine AC**. Mortality outcomes based on ED qSOFA score and HIV status in a developing low income country. *Am J Emerg Med*. 2018 Nov;36(11):2010-2019. doi: 10.1016/j.ajem.2018.03.014. Epub 2018 Mar 10. PubMed PMID: 29576257.
  39. Weissbecker I, Roshania R, Cavallera V, Mallow M, Lechner A, Antigua J, Gao K, **Levine AC**. Integrating psychosocial support at Ebola treatment units in Sierra Leone and Liberia. *Intervention*, 2018. doi: 10.4103/INTV.INTV\_8\_18.
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## GRANTS

### **Active**

- |    |  |   |
|----|--|---|
| 1. | Australian Civil Military Centre<br>Civil-Military Coordination in Health Emergencies<br>Role: Primary Investigator            | 12/2023-09/2024<br><br>\$26,025 total costs |
| 2. | Birkelund Fund for Watson Institute Faculty Research<br>Civil-Military Coordination During US Pandemic Response<br>Role: Co-PI | 09/2023-08/2024<br><br>\$15,000 total costs |

3. NIH National Institute of Allergy and Infectious Diseases 08/2023-07/2028  
Emerging Infectious Disease and HIV Scholars Program at Brown University  
Grant Number: R25AI140490  
Role: Mentor/EC (PI: Flanigan) \$1,829,052 total costs
4. United Nations World Food Program 09/2022-08/2024  
Negotiating Humanitarian Access: Assertive States and Non-State Armed Groups  
Role: Principal Investigator \$150,000 total costs
5. NIH Fogarty International Center 08/2021-08/2023  
Development of a Mobile Health Personalized Physiologic Analytics Tool for Pediatric Patients with Sepsis (With Additional Climate Change and Health Administrative Supplement)  
Grant Number: R21TW012211  
Role: Principal Investigator \$455,848 total costs
6. NIH National Institute of Diabetes and Digestive and Kidney Diseases 09/2018-06/2024  
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

**Completed**

1. Harvard Affiliated Emergency Medicine Residency 07/2008-06/2009  
Maryanne Povinelli Humanism Award  
International Emergency Ultrasound: Training and Research in Rwanda  
Role: Principal Investigator \$2000 total costs
2. Rhode Island Foundation 06/2010-05/2012  
Assessment of Severe Dehydration in Children with Diarrhea Using Clinical Exam  
Role: Principal Investigator \$15,000 total costs
3. Thrasher Foundation 06/2010-05/2012  
Early Career Award  
Assessment of Severe Dehydration in Children with Diarrhea Using Ultrasound  
Role: Principal Investigator \$25,000 total costs
4. Brown University Department of Emergency Medicine 10/2010-04/2012  
Junior Faculty Research Development Grant  
Assessment of Severe Dehydration in Children with Diarrhea Using Pulse Oximetry Waveform Analysis  
Role: Principal Investigator \$46,086 total costs
5. Research for Health in Humanitarian Crises (R2HC) 04/2014-09/2016  
Rapid Response Grant  
Regional Anesthesia for Painful Injuries After Disasters (RAPID)  
Role: Co-Principal Investigator £122,650 total costs
6. International Medical Corps 05/2015-12/2016  
Ebola Research Collaborative  
Role: Principal Investigator \$398,064 total costs
7. NIH Fogarty International Center 09/2012-09/2017  
Assessment of Dehydration in Children with Diarrhea in Resource-Limited Settings  
Grant Number: K01TW009208  
Role: Principal Investigator \$679,529 total costs

8. United States Centers for Disease Control and Prevention/ 05/2012-06/2018  
Global Fund for HIV/AIDS, Tuberculosis, and Malaria  
Rwanda Human Resources for Health Program  
Role: Site Program Director \$1,046,722 total subaward costs
  
9. NIH National Institute of Child Health and Development 12/2013-11/2018  
Impact of Emergency Department Probiotic Treatment of Pediatric Gastroenteritis (PI: Schnadower)  
Grant Number: R01HD071915  
Role: Site PI / Co-Investigator \$67,730 total subaward costs
  
10. Bill and Melinda Gates Foundation 10/2018-04/2020  
Development of a Bayesian diagnostic for etiological management of pediatric diarrhea (PI: Leung)  
Grant Number: OPP1198876  
Role: Co-Investigator \$74,499 total subaward costs
  
11. NIH National Institute of Allergy and Infectious Disease 06/2017-05/2020  
Evaluation of Management Strategies for Maximizing Supportive Care for Patients with Ebola Virus  
Disease  
Grant Number: R03AI132801  
Role: Principal Investigator \$179,200 total costs
  
12. Project HOPE, the People-to-People Health Foundation, Inc. 04/2020-12/2021  
Global Training of the Trainers for COVID-19 Preparedness and Response  
Role: Project Director \$303,722 total costs
  
13. Carnegie Corporation of New York 04/2018-12/2021  
Civilian-Military Coordination in Humanitarian Response (PI: Steinfeld)  
Grant Number: R-17-55582  
Role: Co-Investigator \$175,000 total costs
  
14. United States Department of Defense 06/2020-12/2021  
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 \$1,638,536 total subaward costs
  
15. Regeneron Pharmaceuticals 09/2020-08/2021  
A Master Protocol Assessing the Safety, Tolerability, and Efficacy of Anti-Spike (S) SARS-CoV-2  
Monoclonal Antibodies for the Treatment of Ambulatory Patients with COVID-19  
Grant Number: R10933-10987-COV-2067  
Role: Sub-Investigator
  
16. 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 \$5,693,806 total costs
  
17. US State Department Bureau of Population, Refugees, and Migration 09/2019-08/2022  
Civilian-Military Interaction in Conflicts: Best Practices and Perceptions  
Grant Number: SAPP0048493  
Role: Principal Investigator \$299,978 total costs
  
18. American Jewish World Service 01/2021-04/2022  
Public action and the pandemic: the role of civil society in shaping state responses

Role: Primary Investigator	\$39,731 total costs	
19. Australian Civil Military Centre		11/2021-10/2022
Civil-Military-Police Coordination during National Responses to COVID-19		
Role: Primary Investigator	\$50,452 total costs	

## INVITED PRESENTATIONS

### **Local**

1. Brown University Warren Alpert Medical School Emergency Medicine Interest Group. "Careers in Global Emergency Medicine." Providence, RI, 2011.
2. Brown University Warren Alpert Medical School Emergency Medicine Interest Group. "Careers in Global Emergency Medicine." Providence, RI, 2012.
3. Brown University Warren Alpert Medical School Mini-Medical School Event. "Saving Aid: The Future of Global Health and Disaster Response." Providence, RI, 2013.
4. Rhode Island Hospital Brown Residency International/Global Health Training (BRIGHT) Program. "Complex Humanitarian Emergencies." Providence, RI, 2013.
5. Brown University Warren Alpert Medical School Emergency Medicine Interest Group. "Careers in Global Emergency Medicine." Providence, RI, 2014.
6. Memorial Hospital of Rhode Island Department of Family Medicine Resident Core Curriculum. "Trauma Management in Complex Humanitarian Emergencies." Providence, RI, 2014.
7. Brown University Warren Alpert Medical School Global Health Lecture Series, "Learning from Ebola: Towards an Evidence-Based Humanitarian Response." Providence, RI, 2015.
8. Brown University Warren Alpert Medical School Primary Care and Population Medicine Program, "Preparing for and Learning from Epidemics." Providence, RI, 2017.
9. Hasbro Children's Hospital Department of Pediatrics Grand Rounds. "The Dehydration: Assessing Kids Accurately (DHAKA) Studies." Providence, RI, 2017.
10. Brown University Warren Alpert Medical School Second Look Program Keynote Address. "Lessons from Ebola: Preparing for and learning from epidemics." Providence, RI, 2018.
11. Brown University. "Live: Experts from Across Brown on COVID-19." Providence, RI, 2020.
12. Brown University Warren Alpert Medical School. "Tips for Conducting Global Health Research." Providence, RI, 2021.
13. Advance K Scholars, Brown University. "Developing Strong Research Partnerships: The NIRUDAK Case Study." Providence, RI, 2021.
14. Provost/President's Staff Advisory Council Faculty in Focus Lecture Series. "Saving Aid: The Future of Global Health and Humanitarian Response." Providence, RI, 2021.
15. Watson Institute for International and Public Affairs. "Global Implications of Russia's Invasion of Ukraine." Providence, RI, 2022.

16. Brown Emergency Medicine Grand Rounds. "Is My Patient Dehydrated? Assessment of Dehydration in Children and Adults with Acute Diarrhea." Providence, RI, 2022.
17. Brown University Love Data Week. "Research in Humanitarian Disasters and Complex Emergencies." Providence, RI, 2023.
18. Brown University School of Public Health Climate and Health Seminar Series. "Why Climate Change is the Next Public Health Emergency." Providence, RI, 2023.
19. Brown University Warren Alpert Medical School. "Healthcare in Humanitarian Emergencies." Providence, RI, 2023.

### ***Regional***

1. Massachusetts College of Emergency Physicians. "Understanding Barriers to Emergency Care in Low-Income Countries." Waltham, Massachusetts, 2006.
2. Harvard Humanitarian Studies Course. "Goma Cholera Epidemic." Boston, Massachusetts, 2009.
3. Massachusetts Medical Society Global Health Conference. "Incorporating International Health into Your Professional Career." Waltham, Massachusetts, 2010.
4. Humanitarian Studies Course. "Management of Communicable Disease in Humanitarian Emergencies." Boston, Massachusetts, 2010.
5. Partners in Health Three Pillars Research Seminar. "Ultrasound Assessment of Dehydration in Children with Diarrhea." Boston, Massachusetts, 2010.
6. Harvard Humanitarian Studies Course. "Outbreak Control Simulation." Boston, Massachusetts, 2011.
7. New England Regional Society for Academic Emergency Medicine Meeting. "Moderator, Lightning Orals Session." Providence, Rhode Island, 2013.
8. Northeastern University. "Ending Ebola: Strategies for Combatting an Epidemic." Boston, Massachusetts, 2014.
9. Boston University Department of Emergency Medicine Grand Rounds. "Ending Ebola: Strategies for Combatting an Epidemic." Boston, Massachusetts, 2014.
10. Harvard Medical School Department of Emergency Medicine Grand Rounds. "Learning from Ebola: Strategies for Combatting an Epidemic." Boston, Massachusetts, 2015.
11. Jamestown Arts Center Distinguished Speaker Series. "Lessons from Ebola for Future Outbreaks." Jamestown, Rhode Island, 2016.
12. Future of Outbreak Response Symposium. "Lessons from Ebola: Towards an Evidence-Based Humanitarian Response." Broad Institute, Cambridge, Massachusetts, 2016.
13. New England Society of Disaster Medicine Meeting. "Lessons from Ebola: Towards an Evidence-Based Humanitarian Response." Providence, Rhode Island, 2016.
14. Brown University Global Health Research Day. "Keynote Speaker: Humanitarian Emergencies in Resource-Limited Settings." Providence, Rhode Island, 2017.
15. United States Naval War College. "Humanitarian Emergencies in Resource-Limited Settings." Newport, Rhode Island, 2017.

16. Tufts University. "Humanitarian Emergencies in Resource-Limited Settings." Medford, Massachusetts, 2018.
17. University of Massachusetts, Amherst. "Complex Humanitarian Emergencies." Amherst, Massachusetts, 2018.
18. United States Naval War College. "Humanitarian Emergencies in Resource-Limited Settings." Newport, Rhode Island, 2018.
19. United States Naval War College. "Ebola Case Study." Newport, Rhode Island, 2019.
20. Harvard University T.H. Chan School of Public Health. "Pandemics." Boston, Massachusetts, 2019.
21. University of Massachusetts, Amherst Department of Political Science. "Complex Humanitarian Emergencies." Amherst, Massachusetts, 2019.
22. Boston University Sargent College of Health and Rehabilitation Sciences. "Complex Humanitarian Emergencies." Boston, Massachusetts, 2019.
23. United States Naval War College. "Ebola Case Study." Newport, Rhode Island, 2020.
24. University of Massachusetts, Amherst Department of Political Science. "Libya Case Study: Tensions in Humanitarian Response." Amherst, Massachusetts, 2020.
25. Advance-CTR Translational Research Seminar Series. "Designing A Novel Clinician Decision Support Tool for the Management of Acute Diarrhea in Bangladesh: NIRUDAK." Providence, Rhode Island, 2022.
26. United States Naval War College. "Libya Case Study." Newport, Rhode Island, 2022.
27. Advance-CTR Translational Research Seminar Series. "Validating a Predictive Model." Providence, Rhode Island, 2023.
28. United States Naval War College. "Humanitarian Emergencies in Resource-Limited Settings." Newport, Rhode Island, 2023.

### ***National***

1. American Medical Association Medical Student Section Region 5 Conference. "Health Economics 101." Columbus, Ohio, 2004.
2. Society for Academic Emergency Medicine Scientific Assembly. "International Emergency Medicine: A Review of the Literature." San Francisco, California, 2006.
3. Global Health Emergencies Course, Cornell University Medical Center. "Outbreak Control in Humanitarian Emergencies" & "Water Security, Sanitation, and Hygiene." New York, New York, 2011.
4. Jacobi/Montefiore Department of Emergency Medicine Resident Conference. "International Emergency Medicine." New York, New York, 2011.
5. SUNY Stony Brook Department of Emergency Medicine Grand Rounds. "Concepts in International Emergency Medicine." Stony Brook, New York, 2011.

6. Global Health Emergencies Course, Cornell University Medical Center. "Case Study: The Aftermath of Goma" & "Outbreak Control in Humanitarian Emergencies" & "Water Security, Sanitation, and Hygiene." New York, New York, 2012.
7. Society for Academic Emergency Medicine Scientific Assembly. "More Than Just a Hobby: Building an Academic Career in Global Emergency Medicine." Chicago, Illinois, 2012.
8. American Institute for Ultrasound in Medicine Annual Convention. "Ultrasound Research in Resource Limited Settings." New York, New York, 2013.
9. Academic Emergency Medicine 2013 Consensus Conference on Global Health and Emergency Care: A Research Agenda. "Plenary Presentation - An Evidence-Based Summary of the Trajectory of Global Emergency Care Research." Atlanta, Georgia, 2013.
10. Society for Academic Emergency Medicine Scientific Assembly. "The Top 10 Global Emergency Medicine Articles from 2012: Highlights from the Global Emergency Medicine Literature Review." Atlanta, Georgia, 2013.
11. Global Health Emergencies Course, Cornell University Medical Center. "Health and Outbreak Control" & "Water Security, Sanitation, and Hygiene" & "SPHERE Simulation." New York, New York, 2013.
12. Global Health Speaker Series, University of Pennsylvania. "Complex Humanitarian Emergencies." Philadelphia, Pennsylvania, 2013.
13. Society for Academic Emergency Medicine Scientific Assembly. "The Top 10 Global Emergency Medicine Articles from 2013: Highlights from the Global Emergency Medicine Literature Review" & "Federal Funding Streams for Global Health Research" & "Ultrasound in Resource Limited Settings: Discussion of use, benefits, research and sustainable program design." Dallas, Texas, 2014.
14. Global Health Speaker Series, University of Pennsylvania. "Ending Ebola: Strategies for Combatting an Epidemic." Philadelphia, Pennsylvania, 2014.
15. Institute of Medicine Forum on Public Private Partnerships for Global Health and Safety. "Increasing Impact and Effectiveness: What Lessons Are Being Learned from the Global Response to the Ebola Outbreak?" Washington, DC, 2014.
16. Columbia University Mailman School of Public Health. "Panel Discussion on Ebola Response – Perspectives from the Field." New York, New York, 2015.
17. Global Health Emergencies Course, Cornell University Medical Center. "Communicable Diseases and Outbreak Control" & "Ebola Case Study." New York, New York, 2015.
18. New York Symposium on International Emergency Medicine. "Learning from Ebola: Towards an Evidence-Based Humanitarian Response." New York, New York, 2015.
19. ETEC Severity Score Workshop. "Developing the Dehydration: Assessing Kids Accurately (DHAKA) Score." Washington, DC, 2016.
20. The National Academies of Science, Engineering, and Medicine. "Panel: Experiences and Challenges Faced in Disaster Research." Washington, DC, 2016.
21. The Rand Corporation. "Lessons from Ebola: Towards an Evidence-Based Humanitarian Response." Los Angeles, CA, 2016.



22. Global Emergency Medicine Think Tank Keynote Address, Society for Academic Emergency Medicine Annual Meeting. "Trends in Global Emergency Medicine Research and Funding." New Orleans, LA, 2016.
23. Society for Academic Emergency Medicine Annual Meeting Didactic Presentation. "So you Want to Be a Global Health Researcher?" New Orleans, LA, 2016.
24. American Society for Tropical Medicine and Hygiene Annual Meeting. "Panel: Data Sharing for Tropical Medicine." Atlanta, GA, 2016.
25. Northwestern University Department of Emergency Medicine Grand Rounds. "Lessons from Ebola: Towards an Evidence-Based Humanitarian Response." Chicago, IL, 2017.
26. Diarrhea Innovations Group. "Accurate and reliable clinical diagnostic models for assessing dehydration in patients with acute diarrhea and translating those models into mobile phone applications that can help clinicians in resource-limited settings." Seattle, WA, 2017.
27. Society for Pediatric Anesthesia. "Epidemics of Fear: Fighting Ebola and Coronavirus." Virtual, 2020.
28. American College of Emergency Physicians Scientific Assembly. "Pearls for Funding Global Emergency Care Research." Philadelphia, PA, 2023.

### ***International***

1. Zambia Medical Association Faculty of General Practitioners. "Maternal and Infant Health." Lusaka, Zambia, 2007.
2. Butaro District Hospital Grand Rounds. "Trauma Management at the District Hospital." Butaro, Rwanda, 2011.
3. Rwinkwavu District Hospital Grand Rounds. "Basic Life Support in Rwanda." Rwinkwavu, Rwanda, 2011.
4. Kirehe District Hospital Grand Rounds. "Assessment of Pneumonia in Children." Kirehe, Rwanda, 2012.
5. Butaro District Hospital Grand Rounds. "Acute Poisoning in Rwanda." Butaro, Rwanda, 2012.
6. Rwinkwavu District Hospital Grand Rounds. "Assessment of Severe Dehydration in Children with Diarrhea." Rwinkwavu, Rwanda, 2013.
7. Kirehe District Hospital Grand Rounds. "Management of Acute Head Injury in Rwanda." Kirehe, Rwanda, 2013.
8. International Center for Diarrheal Disease Research, Bangladesh. "The Dehydration: Assessing Kids Accurately (DHAKA) Study." Dhaka, Bangladesh, 2014.
9. African Conference on Emergency Medicine. "Keynote Address - Ebola Rising: Impact and Implications of the Ebola Virus Disease Epidemic on Emergency Care in Africa" & "Top Global Emergency Medicine Articles of 2013: Highlights from the Global Emergency Medicine Literature Review" & "Funding Global Emergency Medicine Research." Addis Ababa, Ethiopia, 2014.
10. World Health Organization Ebola Science Committee Meeting. "Learning from Ebola: Towards an Evidence-Based Humanitarian Response." Montreux, Switzerland, 2015.

11. World Health Organization Meeting on Clinical Aspects of Ebola Virus Disease. "Systematic Data Collection and Data Sharing." Rome, Italy, 2015.
12. World Health Organization Ebola Research and Development Summit. "Panel Discussion: Establishing and using networks/platforms for collaborations for effective R&D responses in times of need." Geneva, Switzerland, 2015.
13. Society for Clinical Trials Annual Meeting. "Panel Discussion: Courage, Controversy, and Clinical Trials: Lessons from the Ebola Epidemic." Montreal, Canada, 2016
14. Rwanda Emergency Care Association Annual Conference. "Keynote Speaker: Humanitarian Emergencies in Resource-Limited Settings." Kigali, Rwanda, 2017.
15. WHO Global Task Force on Cholera Control Case Management Working Group Meeting. "Evaluation of Dehydration in Children and Adults." Geneva, Switzerland (Virtual), 2021.
16. United Nations Humanitarian Networks and Partnerships Week. "Humanitarian-Military Relations in Complex Emergencies: Evidence and Insights." Geneva, Switzerland, 2022.
17. Governing Complex Emergencies Workshop Keynote Address. "Research in Humanitarian Emergencies: Why and How." Manila, Philippines (Virtual), 2022.
18. Brown Clubs of Asia Speaker Event. "Saving Aid: The Future of Humanitarian Response." Hong Kong, China (Virtual), 2023.
19. United Nations Humanitarian Networks and Partnerships Week. "Civil-Military Coordination in Outbreaks and Public Health Emergencies." Geneva, Switzerland, 2023.
20. EM Research INSIGHTS Course. "The Research Question: From Formulation to Conclusion." Aga Khan University, Karachi, Pakistan (Virtual), 2023.
21. WHO Global Task Force on Cholera Control Case Management Working Group Meeting. "Update on the Evaluation of Dehydration in Children and Adults." Geneva, Switzerland (Virtual), 2023.

#### UNIVERSITY TEACHING ROLES

**Community Mentor**, Doctoring Course, The Warren Alpert Medical School of Brown University/Rhode Island Hospital, Providence, RI, 2010-2012.

**Instructor**, Advanced Cardiac Life Support, The Warren Alpert Medical School of Brown University, 2010, class size: 94

**Course Lecturer**, BIOL 3710: Healing Medicine: A Workshop Exploring Literature, Humanities and the Art of Practicing of Medicine, The Warren Alpert Medical School of Brown University, 2010, class size: 15

**Course Lecturer**, Wilderness Medicine Elective, "International Emergency Medicine." The Warren Alpert Medical School of Brown University, Annually 2010-2012, average class size: 30

**Course Lecturer**, PHP 1680K "Clinical Research in Resource-Limited Settings." Brown University School of Public Health, Providence, RI, Annually, 2010-2015, average class size: 20

**Course Lecturer**, PHP 1520: Emergency Medical Systems: A Critical Analysis of Performance, "Policy and Politics in Emergency Medicine." Brown University School of Public Health, Providence, RI, Annually, 2011-2012, average class size: 100

**Course Lecturer**, PHP 1070: The Burden of Disease in Developing Countries, “Diarrhea and Acute Respiratory Infections” Brown University School of Public Health, Providence, RI, Annually 2011-2013, average class size: 75

**Course Lecturer**, Wilderness Medicine Elective, “Complex Humanitarian Emergencies.” The Warren Alpert Medical School of Brown University, Annually 2013-2014, average class size: 10

**Course Lecturer**, IR 1802M: Rwanda Past and Present, “Human Resources for Health in Rwanda.” Brown University, Providence, RI, 2014, class size: 12

**Co-Convener**, Brown International Advanced Research Institute (BIARI) on Humanitarian Response and Post Conflict Reconstruction. Brown University Watson Institute for International and Public Affairs, Annually 2014-2017, average class size 40

- Designed and co-directed two-week humanitarian course for international students from a diverse range of academic and professional backgrounds
- Developed and delivered several lectures in the course each year
- Developed hands-on simulations and case discussions to supplement lecture content
- Supervised 6 small group facilitators and program coordinator

**Course Lecturer**, PHP 1070: Global Burden of Disease, “Complex Humanitarian Emergencies.” Brown University School of Public Health, Providence, RI, Annually 2014-present, average class size: 50

**Course Lecturer**, POLS1822T: The Politics of Health in the Global South, “The Ethics and Logistics of Health Policy Research During Crises.” Brown University, Providence, RI, 2014, class size: 20

**Course Lecturer**, PHP 0320: Introduction to Public Health, “Ending Ebola: Strategies for Combatting an Epidemic.” Brown University School of Public Health, Providence, RI, 2014, class size: 120

**Course Lecturer**, PHP 1854: Infectious Disease Epidemiology, “Ebola Case Study.” Brown University School of Public Health, Annually, 2015-2022, class size: 25

**Course Lecturer**, PHP 2025: Ethics of Global Public Health Engagement, “Potentially vulnerable populations.” Brown University School of Public Health, 2016, class size: 5

**Director**, Introduction to Humanitarian Decision Making, Brown University Watson Institute for International and Public Affairs, 2016, class size: 20

- Developed and led half-day simulation for graduate students in humanitarian decision making

**Course Lecturer**, PHP 1520: Emergency Medical Systems: A Critical Analysis of Performance, “Complex Humanitarian Emergencies.” Brown University School of Public Health, Providence, RI, Annually 2016-2017, average class size: 100

**Course Director**, PHP 1802S/DEVS 1802S: Human Security and Humanitarian Response, Brown University School of Public Health, Annually, 2016-present, average class size: 30

- Designed and directed this novel seminar course for undergraduate and graduate students
- Developed and delivered majority of lectures in the 14-week course
- Provided training and supervision to two teaching assistants each year
- Developed hands-on simulations and case discussions to supplement lecture content
- Successfully transitioned course to online format during COVID-19 pandemic

**Co-Convener**, Brown International Advanced Research Institute (BIARI) on Social Entrepreneurship within Health and Humanitarian Innovation. Brown University Watson Institute for International and Public Affairs, 2018, class size 25

- Co-directed two-week course on social entrepreneurship for international students
- Supervised 5 small group facilitators and program coordinator

**Co-Convener**, Brown University and Philippine Disaster Resilience Foundation Humanitarian Field Program, Annually 2018-2019, average class size: 48

- Developed and co-directed one-week course on humanitarian response in the Philippines
- Supervised 6 small group facilitators

**Course Lecturer**, IAPA 1803: Humanitarian Response in Modern Conflict, "Libya Case Study." Brown University, Annually 2020-present, average class size: 30

**Course Lecturer**, POLS 0400: Introduction to International Relations, "Complex Humanitarian Emergencies." Brown University, 2021, class size: 115

**Course Lecturer**, IAPA 1804: Overcoming Threats to Human Security, "Lessons from Ebola for COVID-19." Brown University, Annually 2021-present, class size: 19

**Course Lecturer**, MPA 2060: Management and Implementation in Public and Non-Profit Organizations, "Global cooperation for managing and responding to disease epidemics and pandemics." Brown University, 2022, class size: 100

**Course Lecturer**, UNIV 0450: We Live in Interesting Times: The Long Reach of the COVID-19 Pandemic, "Ebola as Prelude: Lessons Learned (and Not) for COVID-19." Brown University, 2022, class size: 100

**Course Lecturer**, PHP 2700: Lessons (Un)Learned in Public Health and Humanitarian Response: A Historical Perspective, "Haiti Case Study." Brown University, 2023, class size: 10

#### HOSPITAL TEACHING ROLES

**Lecturer**, Resident Core Curriculum, Department of Emergency Medicine, Rhode Island Hospital, 2009-present, average class size: 40

**Lecturer**, Global Emergency Medicine Fellowship Educational Curriculum, Department of Emergency Medicine, Rhode Island Hospital, 2018-present, average class size: 18

**Lecturer**, Research Curriculum, Department of Emergency Medicine, Rhode Island Hospital, Annually 2018-present, average class size: 20

#### ADVISING AND MENTORING

1. Faculty Mentor, Rhode Island Hospital Emergency Medicine Residency Program, Providence, RI, 2010-2013; Mentee: Kimberly Pringle, MD (Resulting Publications: 2, Abstracts: 2).
2. Faculty Mentor, Rhode Island Hospital Emergency Medicine Residency Program, Providence, RI, 2011-2014; Mentee: Payal Modi, MD (Resulting Publications: 10, Abstracts: 4).
3. Faculty Mentor, Rhode Island Hospital Emergency Medicine Residency Program, Providence, RI, 2011-2014; Mentee: Joy, MD (Resulting Publications: 3, Abstracts: 2).
4. Thesis Advisor, Brown University, Providence, RI, 2011-2013; Student: Hannah Cockrell, AB '13 (Resulting Publications: 4, Abstracts: 2).
5. Faculty Mentor, Rhode Island Hospital Emergency Medicine Residency Program, Providence, RI, 2012-2016; Mentee: Naomi George, MD (Resulting Publications: 5).

6. Faculty Mentor, Global Health Concentration, The Warren Alpert Medical School of Brown University, Providence, RI, 2012-2016; Mentee: Justin Glavis-Bloom, MD '16 (Resulting Publications: 9, Abstracts 4).
7. Faculty Mentor, Brown University, Providence, RI, 2013-2014; Student: Margaret Smith, AB '14.
8. Independent Study Advisor, Brown University, Providence, RI, 2013-2014; Student: Marissa Reitsma, AB '14.
9. Independent Study Advisor, Brown University, Providence, RI, 2013-2014; Student: Angela Ramponi, AB '14.
10. Faculty Mentor, Brown University, Providence, RI, 2014-2016; Student: Soham Rege, ScB '16 (Resulting Publications: 5, Abstracts: 2).
11. Faculty Mentor, Rhode Island Hospital Emergency Medicine Residency Program, Providence, RI, 2014-2017; Mentee: Tess Wiskel, MD (Resulting Publications: 4, Abstracts 1).
12. Faculty Mentor, Rhode Island Hospital Global Emergency Medicine Fellowship Program, Providence, RI, 2014-2016; Mentee: Naz Karim, MD (Resulting Publications: 4, Abstracts: 2).
13. Research Mentor, International Centre for Diarrhoeal Disease Research, Bangladesh, Dhaka, Bangladesh, 2014-2022; Mentee: Sabiha Nasrin, MD (Resulting Publications: 20)
14. Faculty Mentor, University of Rwanda Masters of Medicine in Emergency and Critical Care Medicine, Kigali, Rwanda, 2014-2018; Mentee: Gabin Mbanjumucyo, MD (Resulting Publications: 4)
15. Faculty Mentor, University of Rwanda Masters of Medicine in Emergency and Critical Care Medicine, Kigali, Rwanda, 2014-2018; Mentee: Olivier Umuhire, MD (Resulting Publications: 5)
16. Faculty Mentor, University of Rwanda Masters of Medicine in Emergency and Critical Care Medicine, Kigali, Rwanda, 2014-2018; Mentee: Doris Uwamahoro, MD (Resulting Publications: 2)
17. Graduate Research Fellowship Supervisor, Brown University, Providence, RI, 2015; Student: Laurie Hadad, La Sorbonne MA '15.
18. Faculty Mentor, The Warren Alpert Medical School of Brown University, Providence, RI, 2014-2015; Student: Christopher Lam, AB '14, MD '18 (Resulting Publications: 2).
19. Thesis Reader, Department of Biostatistics, Brown University School of Public Health, Providence, RI, 2014-2015; Student: Chieh Chu, ScM '15 (Resulting Publications: 1, Abstracts: 1).
20. Thesis Reader, Department of Biostatistics, Brown University School of Public Health, Providence, RI, 2015-2016; Student: Sarah Robertson, ScM '16 (Resulting Publications: 4).
21. Faculty Mentor, Global Health Concentration, The Warren Alpert Medical School of Brown University, Providence, RI, 2015-2019; Student: Kelly Skramble, MD '19 (Resulting Publications: 2).
22. Faculty Mentor, University of Rwanda Masters of Medicine in Emergency and Critical Care Medicine, Kigali, Rwanda, 2015-2019; Mentee: Lise Kabeja, MD (Resulting Publications: 1)
23. Faculty Mentor, Brown University, Providence, RI, 2015-2017; Student: Julia Chang, AB '18, MD '22 (Resulting Publications: 2).

24. Faculty Mentor, Rhode Island Hospital Global Emergency Medicine Fellowship Program, Providence, RI, 2015-2017; Mentee: Adam Aluisio, MD (Resulting Publications: 18, Abstracts: 6).
25. Research Mentor, International Centre for Diarrhoeal Disease Research, Bangladesh, Dhaka, Bangladesh, 2017-2018; Mentee: Mahfuj Alam, MD (Resulting Publications: 1)
26. Faculty Mentor, Brown University, Providence, RI, 2016-2018; Student: Timothy Jeng, AB '18 (Resulting Publications: 1).
27. Thesis Advisor, Brown University, Providence, RI, 2016-2018; Student: Yokabed Ashenafi, AB '18 (Resulting Publications: 2).
28. Thesis Advisor, Primary Care and Population Medicine Masters Program, The Warren Alpert Medical School of Brown University, Providence, RI, 2016-2020; Student: Peter Mattson, MD '20 (Resulting Publications: 1).
29. Faculty Mentor, University of Rwanda Masters of Medicine in Emergency and Critical Care Medicine, Kigali, Rwanda, 2014-2018; Mentee: Vincent Ndebwanimana, MD (Resulting Publications: 3)
30. Faculty Mentor, Brown University School of Public Health, Providence, RI, 2016-2018; Student: Sara Long, MPH '18 (Resulting Publications: 1).
31. Faculty Mentor, Rhode Island Hospital Global Emergency Medicine Fellowship Program, Providence, RI, 2016-2018; Mentee: Saadiyah Bilal, MD (Resulting Publications: 2).
32. Faculty Mentor, Medical Student Ambassador to Rwanda, American College of Emergency Physicians International Section, 2017-2019; Student: Michael Henry, Columbia University MD '19 (Resulting Publications: 1).
33. Faculty Mentor, Brown University, Providence, RI, 2017-2018; Student: Grace Monk, AB '18 (Resulting Publications: 1).
34. Faculty Mentor, Department of Emergency Medicine Tina and Richard V. Carolan Rwanda Research Fellowship, 2018-2019; Student: Vinay Sharma, Michigan State University MD '19.
35. Faculty Mentor, Rhode Island Hospital Global Emergency Medicine Fellowship Program, Providence, RI, 2017-2019; Mentee: Kyle Martin, MD.
36. Faculty Mentor, Rhode Island Hospital Global Emergency Medicine Fellowship Program, Providence, RI, 2017-2019; Mentee: Stephanie Chow Garbern, MD (Resulting Publications: 6, Abstracts: 5).
37. Thesis Advisor, Brown University School of Public Health, Providence, RI, 2017-2019; Student: Nour Audi (MPH '19).
38. Faculty Mentor, The Warren Alpert Medical School of Brown University, Providence, RI, 2017-2019; Student: Lars Meisner, MD '20 (Resulting Publications: 1).
39. Faculty Mentor, The Warren Alpert Medical School of Brown University, Providence, RI, 2017-2019; Student: Evan Stern, AB '16, MD '20.
40. Faculty Mentor, Global Health Concentration, The Warren Alpert Medical School of Brown University, Providence, RI, 2017-2019; Student: Eva Koeller, MD '20 (Resulting Publications: 1).

41. Faculty Mentor, Global Health Concentration, The Warren Alpert Medical School of Brown University, Providence, RI, 2017-2020; Student: Jillian Peters, MD '20 (Resulting Publications: 3, Abstracts: 3).
42. Faculty Mentor, Rhode Island Hospital Emergency Medicine Residency Program and Global Emergency Medicine Fellowship Program, Providence, RI, 2017-2023; Mentee: Meagan Barry, MD, PhD (Resulting Publications: 7, Abstracts: 1).
43. Faculty Mentor, Brown University, Providence, RI, 2017-2019; Student: Daniel Cho, AB '19, MD '23 (Resulting Publications: 6, Abstracts: 4).
44. Thesis Advisor, Emerging Infectious Disease Scholars Program, The Warren Alpert Medical School of Brown University, Providence, RI, 2017-2020; Student: Daniel Olivieri, MD/MPA '22 (Resulting Publications: 1).
45. Faculty Mentor, Department of Political Science, Brown University, Providence, RI, 2018-2022; Student: Robert Grace, PhD '22.
46. Faculty Mentor, Rhode Island Hospital Global Emergency Medicine Fellowship Program, Providence, RI, 2018-2020; Mentee: Catalina Gonzalez Marques, MD (Resulting Publications: 1).
47. Faculty Mentor, Rhode Island Hospital Global Emergency Medicine Fellowship Program, Providence, RI, 2018-2020; Mentee: Katelyn Moretti, MD. (Resulting Publications: 1).
48. Faculty Mentor, Brown University, Providence, RI, 2018-2020 Student: Huy Nguyen, AB '19 (Resulting Publications: 1).
49. Faculty Mentor, Brown University, Providence, RI, 2019-2020; Student: Nidhi Bhaskar, AB '21, MD '25.
50. Faculty Mentor, Department of Biostatistics, Brown University School of Public Health, Providence, RI, 2019-2023; Student: Kexin Qu, PhD '23. (Resulting Publications: 10).
51. Faculty Mentor, Brown University, Providence, RI, 2019-2021; Student: Gabriela Gil, AB '20. (Resulting Publications: 1).
52. Faculty Mentor, Rhode Island Hospital Emergency Medicine Residency Program, Providence, RI, 2020-current; Mentee: Courtney Pedersen, MD, MPH.
53. Faculty Mentor, Brown University, Providence, RI, 2020-2022; Student: Jasmine Powell, AB '22, MD '26. (Resulting Abstracts: 1).
54. Thesis Reader, Department of Biostatistics, Brown University School of Public Health, Providence, RI, 2020-2021; Student: My Vu, ScM '21.
55. Faculty Mentor, Brown University School of Public Health, Providence, RI, 2020-2022; Student: Nour Elshabassi, MPH '22. (Resulting Publications: 1).
56. Faculty Mentor, Brown University, Providence, RI, 2020-current; Student: Samika Kanekar, AB '21, MD '25.
57. Faculty Mentor, Rhode Island Hospital Global Emergency Medicine Fellowship Program, Providence, RI, 2020-2022; Mentee: Ramu Kharel, MD. (Resulting Publications: 2).
58. Faculty Mentor, Department of Sociology, Brown University, Providence, RI, 2021-2022; Student: Anindita Adhikari, PhD '22. (Resulting Publications: 1).

59. Faculty Mentor, Department of Sociology, Brown University, Providence, RI, 2021-2022; Student: Ieva Zumbyte, PhD '22. (Resulting Publications: 1).
60. Faculty Mentor, Department of Sociology, Brown University, Providence, RI, 2021-2022; Student: Salma Mutwafy, PhD '24. (Resulting Publications: 1).
61. Faculty Mentor, Department of Sociology, Brown University, Providence, RI, 2021-2022; Student: Benjamin Bradlow, PhD '23. (Resulting Publications: 1).
62. Faculty Mentor, Department of Sociology, Brown University, Providence, RI, 2021-2022; Student: Maria Lopez Portillo Alcocer, PhD '24. (Resulting Publications: 1).
63. Thesis Reader, Department of Biostatistics, Brown University School of Public Health, Providence, RI, 2021-2022; Student: Allison Quintana, ScM '22.
64. Thesis Reader, Brown University School of Public Health, Providence, RI, 2021-2022; Student: Madison Bates, AB '22.
65. Faculty Mentor, Brown University, Providence, RI, 2021-2024; Student: Anagha Lokhande, AB '20, MD '25. (Resulting Abstracts: 2).
66. Faculty Mentor, Brown University, Providence, RI, 2022; Student: Anna Park, AB '23. (Resulting Publications: 1).
67. Faculty Mentor, Brown University, Providence, RI, 2022-2023; Student: Molly Siegel, AB '23.
68. Faculty Mentor, Brown University, Providence, RI, 2023; Student: Jai Singh, AB '26.
69. Faculty Mentor, Brown University, Providence, RI, 2023-2024; Student: Anita Zahiri, AB '26.
70. Faculty Mentor, Brown University, Providence, RI, 2023-2024; Student: Hailey Chen, AB '24.
71. Faculty Mentor, Brown University, Providence, RI, 2023-2023; Student: Madeline Goosman, MD '27.