

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

The Warren Alpert Medical School &
The Watson School of International and Public Affairs
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
2024	Visionary Industry Technology Award, International Federation 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
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	Brown University Alpert Medical School Providence, Rhode Island
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
2016-2019	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
2019-2025	Founding Director, Center for Human Rights and Humanitarian Studies Brown University Watson Institute for International and Public Affairs Providence, Rhode Island
2019-	Perri Peltz and Eric Ruttenberg Professor of Practice in Human Rights 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-	Professor of the Practice of International and Public Affairs Brown University Watson Institute for International and Public Affairs Providence, Rhode Island
2024-	Associate Dean of Global Health Equity Brown University Division of Biology and Medicine Providence, Rhode Island
2025-	Founding Director, Center for Global Health Equity Brown University Division of Biology and Medicine 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-	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 BrownHealth Center for International Health Research Providence, Rhode Island
2023-	Research Committee Brown Physicians, Inc. Providence, Rhode Island

UNIVERSITY COMMITTEES

2009-2024	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
2019-2024	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 Faculty Chair Watson Institute for International and Public Affairs Brown University
2022-2023	Promotion Committee Department of Emergency Medicine Brown University Alpert Medical School
2024-	Equitable Climate Futures Initiative Steering Committee Office of the Provost Brown University
2024-	Chair, Global Health Subcommittee Brown Innovation and Research Consortium for Health (BIRCH) Brown University
2024	Member, Search Committee for Global Health Security Faculty Chair School of Public Health Brown University
2025	Member, Postdoc Search Committee Watson School of International and Public Affairs and School of Public Health Brown University
2025-	Co-Chair, Diversity Committee Watson School of International and Public Affairs Brown University

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
2018-2023	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
2023-2024	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
2015-2016	Principal Investigator, Ebola Research Team International Medical Corps Washington, DC
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
2017-2025	Member, Steering Committee, Global Forum for Humanitarian Health Research 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
2023-	Member, Working Group on Civil-Military Coordination in Health Emergencies World Health Organization Geneva, Switzerland
2025-	Member, Board of Directors mmango.org Gainesville, Florida
2025-	Member, Board of Directors Global Fellows in Courage Providence, Rhode Island

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
2025-	Digital Health

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	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
2024	Member, NIH Center for Scientific Review, Special Emphasis Panel, Topics in Health Services Research: Health Information Technology to Improve Care Delivery (ZRG1 HSS-B)
2025-	Standing Member, NIH Center for Scientific Review, Organization and Delivery of Health Services Study Section (ODHS), Healthcare Delivery and Methodologies Integrated Review Group (HDM)

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
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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: 6,954, h-index: 39, i10-index: 108)

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 Jul15;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. Skrabble 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. Skrabble 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.
40. Bilal S, Nelson E, Meisner L, Alam M, Al Amin S, Ashenafi Y, Teegala S, Khan AF, Alam N, **Levine A**. Evaluation of Standard and Mobile Health-Supported Clinical Diagnostic Tools for Assessing Dehydration in Patients with Diarrhea in Rural Bangladesh. *Am J Trop Med Hyg*. 2018 Jul;99(1):171-179. doi: 10.4269/ajtmh.17-0648. Epub 2018 May 10. Erratum in: *Am J Trop Med Hyg*. 2018 Sep;99(3):809. PubMed PMID: 29761756; PubMed Central PMCID: PMC6085783.
41. Rudd KE, Seymour CW, Aluisio AR, Augustin ME, Bagenda DS, Beane A, Byiringiro JC, Chang CH, Colas LN, Day NPJ, De Silva AP, Dondorp AM, Dünser MW, Faiz MA, Grant DS, Haniffa R, Van Hao N, Kennedy JN, **Levine AC**, Limmathurotsakul D, Mohanty S, Nosten F, Papali A, Patterson AJ, Schieffelin JS, Shaffer JG, Thuy DB, Thwaites CL, Urayeneza O, White NJ, West TE, Angus DC; Sepsis Assessment and Identification in Low Resource Settings (SAILORS) Collaboration.

- Association of the Quick Sequential (Sepsis-Related) Organ Failure Assessment (qSOFA) Score With Excess Hospital Mortality in Adults With Suspected Infection in Low- and Middle-Income Countries. *JAMA*. 2018 Jun 5;319(21):2202-2211. doi: 10.1001/jama.2018.6229. PubMed PMID: 29800114; PubMed Central PMCID: PMC6134436.
42. Mallow M, Gary L, Jeng T, Bongomin B Jr, Aschkenasy MT, Wallis P, Cranmer HH, Debasu E, **Levine AC**. WASH activities at two Ebola treatment units in Sierra Leone. *PLoS One*. 2018 May 24;13(5):e0198235. doi: 10.1371/journal.pone.0198235. eCollection 2018. PubMed PMID: 29795676; PubMed Central PMCID: PMC5967824.
 43. Koeller E, Robertson SE, Garbern SC, Monk G, Nasrin S, Alam NH, **Levine AC**. Ultrasound Adds No Benefit to Clinical Exam for Predicting Dehydration in Children With Acute Diarrhea in a Resource-Limited Setting. *J Ultrasound Med*. 2019 Mar;38(3):685-693. doi: 10.1002/jum.14752. Epub 2018 Oct 5. PubMed PMID: 30291639.
 44. Peters JL, Cho DK, Aluisio AR, Kennedy SB, Massaquoi MBF, Sahr F, Perera SM, **Levine AC**. Environmental temperature and case fatality of patients with Ebola virus disease in Sierra Leone and Liberia, 2014-2015: a retrospective cohort study. *Trop Med Int Health*. 2019 Jan;24(1):23-30. doi: 10.1111/tmi.13166. Epub 2018 Oct 24. PubMed PMID: 30307686; PubMed Central PMCID: PMC6324989.
 45. Schnadower D, Tarr PI, Casper TC, Gorelick MH, Dean JM, O'Connell KJ, Mahajan P, **Levine AC**, Bhatt SR, Roskind CG, Powell EC, Rogers AJ, Vance C, Sapien RE, Olsen CS, Metheney M, Dickey VP, Hall-Moore C, Freedman SB. Lactobacillus rhamnosus GG versus Placebo for Acute Gastroenteritis in Children. *N Engl J Med*. 2018 Nov 22;379(21):2002-2014. doi: 10.1056/NEJMoa1802598. PubMed PMID: 30462938; PubMed Central PMCID: PMC6358014.
 46. Jarman AF, Long SE, Robertson SE, Nasrin S, Alam NH, McGregor AJ, **Levine AC**. Sex and Gender Differences in Acute Pediatric Diarrhea: A Secondary Analysis of the DHAKA Study. *J Epidemiol Glob Health*. 2018 Dec;8(1-2):42-47. doi: 10.2991/j.jegh.2018.08.102. PubMed PMID: 30859786.
 47. Aluisio AR, Barry MA, Martin KD, Mbanjumucyo G, Mutabazi ZA, Karim N, Moresky RT, D'Arc Nyinawankusi J, Claude Byiringiro J, **Levine AC**. Impact of emergency medicine training implementation on mortality outcomes in Kigali, Rwanda: An interrupted time-series study. *Afr J Emerg Med*. 2019 Mar;9(1):14-20. doi: 10.1016/j.afjem.2018.10.002. Epub 2018 Oct 13. PubMed PMID: 30873346; PubMed Central PMCID: PMC6400013.
 48. Aluisio AR, Yam D, Peters JL, Cho DK, Perera SM, Kennedy SB, Massaquoi M, Sahr F, Smit MA, Liu T, **Levine AC**. Impact of Intravenous Fluid Therapy on Survival Among Patients with Ebola Virus Disease: An International Multisite Retrospective Cohort Study. *Clin Infect Dis*. 2019 May 3. pii: ciz344. doi: 10.1093/cid/ciz344. [Epub ahead of print] PubMed PMID: 31050703.
 49. Garbern SC, Yam D, Aluisio AR, Cho DK, Kennedy SB, Massaquoi M, Sahr F, Perera SM, **Levine AC**, Liu T. Effect of Mass Artesunate-Amodiaquine Distribution on Mortality of Patients With Ebola Virus Disease During West African Outbreak. *Open Forum Infect Dis*. 2019 May 24;6(7):ofz250. doi: 10.1093/ofid/ofz250. eCollection 2019 Jul. PubMed PMID: 31281856; PubMed Central PMCID: PMC6602760.
 50. Colubri A, Hartley MA, Siakor M, Wolfman V, Felix A, Sesay T, Shaffer JG, Garry RF, Grant DS, **Levine AC**, Sabeti PC. Machine-learning Prognostic Models from the 2014-16 Ebola Outbreak: Data-harmonization Challenges, Validation Strategies, and mHealth Applications. *EClinicalMedicine*. 2019 Jun 22;11:54-64. doi: 10.1016/j.eclim.2019.06.003. eCollection 2019 May-Jun. PubMed PMID: 31312805; PubMed Central PMCID: PMC6610774.

51. Aluisio AR, Perera SM, Yam D, Garbern S, Peters JL, Abel L, Cho DK, Kennedy SB, Massaquoi M, Sahr F, Brinkmann S, Locks L, Liu T, **Levine AC**. Vitamin A Supplementation Was Associated with Reduced Mortality in Patients with Ebola Virus Disease during the West African Outbreak. *J Nutr*. 2019 Jul 3. pii: nxz142. doi: 10.1093/jn/nxz142. [Epub ahead of print] PubMed PMID: 31268140. PubMed Central PMCID: PMC6768816.
52. Umuhire OF, Henry MB, **Levine AC**, Cattermole GN, Henwood P. Impact of ultrasound on management for dyspnea presentations in a Rwandan emergency department. *Ultrasound J*. 2019 Aug 20;11(1):18. doi: 10.1186/s13089-019-0133-8. PubMed PMID: 31432282; PubMed Central PMCID: PMC6702246.
53. Morelli M, Cyrus G, Weissbecker I, Kpangbai J, Mallow M, Leichner A, Ryan E, Wener R, Gao J, Antigua J, **Levine AC**, Feuchte F. Recovering from the Ebola crisis: 'Social Reconnection Groups' in a rural Liberian community. *Glob Ment Health (Camb)*. 2019 Aug 13;6:e17. doi: 10.1017/gmh.2019.13. eCollection 2019. PubMed PMID: 31531227; PubMed Central PMCID: PMC6737586.
54. Garbern SC, Mbanjumucyo G, Umuhiza C, Sharma VK, Mackey J, Tang O, Martin KD, Twagirimukiza FR, Rosman SL, McCall N, Wegerich SW, **Levine AC**. Validation of a wearable biosensor device for vital sign monitoring in septic emergency department patients in Rwanda. *Digit Health*. 2019 Sep 30;5:2055207619879349. doi: 10.1177/2055207619879349. eCollection 2019 Jan-Dec. PubMed PMID: 31632685; PubMed Central PMCID: PMC6769214.
55. Mattson P, Nteziryayo E, Aluisio AR, Henry M, Rosenberg N, Mutabazi ZA, Nyinawankusi JD, Byiringiro JC, **Levine AC**, Karim N. Musculoskeletal Injuries and Outcomes Pre- and Post-Emergency Medicine Training Program. *West J Emerg Med*. 2019 Oct 14;20(6):857-864. doi: 10.5811/westjem.2019.7.41448. PubMed PMID: 31738712; PubMed Central PMCID: PMC6860388.
56. Mulangu S, Dodd LE, Davey RT Jr, Tshiani Mbaya O, Proschan M, Mukadi D, Lusakibanza Manzo M, Nzolo D, Tshomba Oloma A, Ibanda A, Ali R, Coulibaly S, **Levine AC**, Grais R, Diaz J, Lane HC, Muyembe-Tamfum JJ; PALM Writing Group; PALM Consortium Study Team. A Randomized, Controlled Trial of Ebola Virus Disease Therapeutics. *N Engl J Med*. 2019 Nov 27. doi: 10.1056/NEJMoa1910993. PubMed PMID: 31774950.
57. Aluisio AR, Perera SM, Yam D, Garbern S, Peters JL, Abel L, Cho DK, Woldemichael D, Kennedy SB, Massaquoi M, Sahr F, Liu T, **Levine AC**. Association between treatment with oral third-generation cephalosporin antibiotics and mortality outcomes in Ebola virus disease: a multinational retrospective cohort study. *Trop Med Int Health*. 2020 Jan 7. doi: 10.1111/tmi.13369. PubMed PMID: 31912627. PubMed Central PMCID: PMC7176519.
58. Uwamahoro C, Aluisio AR, Chu E, Reibling E, Mutabazi Z, Karim N, Byiringiro JC, **Levine AC**, Guptill M. Evaluation of a modified South African Triage Score as a predictor of patient disposition at a tertiary hospital in Rwanda. *Afr J Emerg Med*. 2020 Mar;10(1):17-22. doi: 10.1016/j.afjem.2019.10.001. Epub 2019 Nov 18. PubMed PMID: 32161707; PubMed Central PMCID: PMC7058878.
59. Yam D, Aluisio AR, Perera SM, Peters JL, Cho DK, Kennedy SB, Massaquoi M, Sahr F, Smit MA, Locks L, Liu T, **Levine AC**. Association between multivitamin supplementation and mortality among patients with Ebola virus disease: An international multisite cohort study. *Afr J Emerg Med*. 2020 Mar;10(1):23-29. doi: 10.1016/j.afjem.2019.11.001. Epub 2020 Jan 3. PubMed PMID: 32161708; PubMed Central PMCID: PMC7058859.
60. Khan AI, Mack J, Salimuzzaman M, Zion MI, Hasnat S, Ball R, Maples S, Rashid MM, Jobayer C, Sarker SA, Biswas D, Hossin R, Bardosh KL, Begum Y, Ahmed A, D. Pieri, Raghu PS, Jain R, Sai S, Teegala S, Haque F, Rahman M, **Levine AC**, Qadri F, Flora S, Gurka M, Nelson EJ. Electronic decision-support improves diarrheal disease guideline adherence: a cluster randomized controlled

- trial. *Lancet Digit Health*. 2020 May;2(5):e250-e258. doi: 10.1016/S2589-7500(20)30062-5. PMID: 33328057.
61. Schnadower D, Sapien RE, Casper TC, Vance C, Tarr PI, O'Connell KJ, **Levine AC**, Roskind CG, Rogers AJ, Bhatt SR, Mahajan P, Powell EC, Olsen CS, Gorelick MH, Dean JM, Freedman SB on behalf of the PECARN Network. Association between Age, Weight and Dose and Clinical Response to Probiotics in Children with Acute Gastroenteritis. *J Nutr*. 2021 Jan 4;151(1):65-72. doi: 10.1093/jn/nxaa313. PMID: 33274370.
 62. Brintz B, Howard J, Haaland B, Platts-Mills JA, Greene, **Levine AC**, Nelson E, Pavia AT, Kotloff KL, Leung DT. Clinical predictors for etiology of acute diarrhea in children in resource-limited settings. *PLoS Negl Trop Dis*. 2020 Oct 9;14(10):e0008677. doi: 10.1371/journal.pntd.0008677. eCollection 2020 Oct. PMID: 33035209
 63. González Marqués C, Moretti K, Amanullah S, Uwamahoro C, Ndebwanimana V, Garbern S, Naganathan S, Martin K, Niyomiza J, Gjesvik A, Nkeshimana M, **Levine AC**, Aluisio AR. Association Between Volume Resuscitation & Mortality Among Injured Patients at a Tertiary Care Hospital in Kigali, Rwanda. *African Journal of Emergency Medicine*, 2020. PMID: 33680737.
 64. Kwaja CMA, Olivieri DJ, Boland ST, Henwood PC, Card B, Polatty D, **Levine AC**. Civilian perception of the role of the military in Nigeria's 2014 Ebola outbreak and health-related responses in the North East Region. *BMJ Mil Health*. 2021 Feb 5:e001696. doi: 10.1136/bmj-military-2020-001696. Online ahead of print. PMID: 33547194.
 65. Brintz BJ, Haaland B, Howard J, Chao DL, Proctor JL, Ahmed SM, Keegan LT, Greene T, Kotloff KL, Platts-Mills JA, Nelson EJ, **Levine AC**, Pavia AT, Leung DT. A modular approach to integrating multiple data sources into real-time clinical prediction: proof-of-concept in antibiotic stewardship for pediatric diarrhea. *Elife*. 2021 Feb 2;10:e63009. doi: 10.7554/eLife.63009. PMID: 33527894.
 66. Garbern SC, Chu TC, Gainey M, Yang P, Nasrin S, Kanekar S, Qu K, Nelson EJ, Leung DT, Ahmed D, Schmid CH, Alam NH, **Levine AC**. Clinical and Socio-Environmental Determinants of Multidrug Resistant *Vibrio Cholerae* 01 in Older Children and Adults in Bangladesh. *Int J Infect Dis*. 2021 Feb 26:S1201-9712(21)00188-0. doi: 10.1016/j.ijid.2021.02.102. Online ahead of print. PMID: 33647514.
 67. **Levine AC**, Barry MA, Gainey M, Nasrin S, Qu K, Schmid CH, Nelson EJ, Garbern SC, Monjory M, Rosen R, Alam, NH. Derivation of the First Clinical Diagnostic Models for Dehydration Severity in Patients over Five Years with Acute Diarrhea. *PLoS Negl Trop Dis*. 2021 Mar 10;15(3):e0009266. doi: 10.1371/journal.pntd.0009266. eCollection 2021 Mar. PMID: 33690646.
 68. Tang OY, Marqués CG, Ndebwanimana V, Uwamahoro C, Uwamahoro D, Lipsman ZW, Naganathan S, Karim N, Nkeshimana M, **Levine AC**, Stephen A, Aluisio AR. Performance of Prognostication Scores for Mortality in Injured Patients in Rwanda. *West J Emerg Med*. 2021 Jan 22;22(2):435-444. doi: 10.5811/westjem.2020.10.48434. PMID: 33856336.
 69. Poonai N, Powell EC, Schnadower D, Casper C, Roskind CG, Olsen CS, Tarr P, Mahajan P, Rogers AJ, Schuh S, Hurley K, Gouin S, Vance C, Farion K, Sapien RE, O'Connell KJ, **Levine AC**, Bhatt S, Freedman SB for Pediatric Emergency Research Canada (PERC) and the Pediatric Emergency Care Applied Research Network (PECARN). Predictors of Intravenous Rehydration and Hospitalization in Children with Acute Gastroenteritis: a Prospective Multinational Cohort Study. *JAMA Netw Open*. 2021 Apr 1;4(4):e216433. doi: 10.1001/jamanetworkopen.2021.6433. PMID: 33871616.
 70. Garbern SC, Chu TC, Gainey M, Kanekar S, Nasrin S, Qu K, Barry MA, Nelson EJ, Leung DT, Schmid CH, Alam NH, **Levine AC**. Multidrug-Resistant Enteric Pathogens in Older Children and Adults with Diarrhea in Bangladesh: Epidemiology and Risk Factors. *Trop Med Health*. 2021 May 10;49(1):34. doi: 10.1186/s41182-021-00327-x. PMID: 33966631.

71. Barry MA, Qu K, Gainey M, Schmid CH, Garbern S, Nasrin S, Alam NH, Lee JA, Nelson EJ, Rosen R, **Levine AC**. Derivation and Internal Validation of a Score to Predict Dehydration Severity in Patients over 5 Years with Acute Diarrhea. *Am J Trop Med Hyg*. 2021 Aug 16:tpmd210143. doi: 10.4269/ajtmh.21-0143. Epub ahead of print. PMID: 34398821.
72. Lee JA, Qu K, Gainey M, Kanekar SS, Barry MA, Nasrin S, Alam NH, Schmid CH, **Levine AC**. Continuous diagnostic models for volume deficit in patients with acute diarrhea. *Trop Med Health*. 2021 Sep 6;49(1):70. doi: 10.1186/s41182-021-00361-9. PMID: 34488910; PMCID: PMC8422628.
73. Gainey M, Qu K, Garbern SC, Barry MA, Lee JA, Nasrin S, Monjory M, Nelson EJ, Rosen R, Alam NH, Schmid CH, **Levine AC**. Assessing the performance of clinical diagnostic models for dehydration among patients with cholera and undernutrition in Bangladesh. *Trop Med Int Health*. 2021 Sep 1. doi: 10.1111/tmi.13675. Epub ahead of print. PMID: 34469615.
74. Powell EC, Roskind CG, Schnadower D, Olsen CS, Casper TC, Tarr PI, O'Connell KJ, **Levine AC**, Poonai N, Schuh S, Rogers AJ, Bhatt SR, Gouin S, Mahajan P, Vance C, Hurley K, Farion KJ, Sapien RE, Freedman SB; Pediatric Emergency Research Canada and Pediatric Emergency Care Applies Research Networks. Oral Ondansetron Administration in Children Seeking Emergency Department Care for Acute Gastroenteritis: A Patient-Level Propensity-Matched Analysis. *Ann Emerg Med*. 2021 Aug 11:S0196-0644(21)00478-9. doi: 10.1016/j.annemergmed.2021.06.003. Epub ahead of print. PMID: 34389195.
75. Freedman SB, Roskind CG, Schuh S, VanBuren JM, Norris JG, Tarr PI, Hurley K, **Levine AC**, Rogers A, Bhatt S, Gouin S, Mahajan P, Vance C, Powell EC, Farion KJ, Sapien R, O'Connell K, Poonai N, Schnadower D; Pediatric Emergency Research Canada and Pediatric Emergency Care Applied Research Networks. Comparing Pediatric Gastroenteritis Emergency Department Care in Canada and the United States. *Pediatrics*. 2021 Jun;147(6):e2020030890. doi: 10.1542/peds.2020-030890. Epub 2021 May 20. PMID: 34016656.
76. Freedman SB, Finkelstein Y, Pang XL, Chui L, Tarr PI, VanBuren JM, Olsen C, Lee BE, Sapien R, O'Connell K, **Levine AC**, Poonai N, Roskind C, Schuh S, Rogers A, Bhatt S, Gouin S, Mahajan P, Vance C, Hurley K, Powell EC, Farion KJ, Schnadower D; Pediatric Emergency Research Canada (PERC) and the Pediatric Emergency Care Applied Research Network (PECARN). Pathogen-Specific Effects of Probiotics in Children with Acute Gastroenteritis Seeking Emergency Care: A Randomized Trial. *Clin Infect Dis*. 2021 Oct 1:ciab876. doi: 10.1093/cid/ciab876. Epub ahead of print. PMID: 34596225.
77. Nasrin S, Garbern SC, Gainey M, Kanekar S, Qu K, Chu TC, Schmid CH, Nelson EJ, Alam NH, **Levine AC**. Clinical and Demographic Factors for Detecting Presumed Bacterial Etiology of Acute Diarrhea in Patients Over Five Years of Age. *Am J Trop Med Hyg*. 2021 Nov 1:tpmd210580. doi: 10.4269/ajtmh.21-0580. PMID: 34724626.
78. Karim N, Mumporeze L, Nsengimana VJP, Gray A, Kearney A, Aluisio AR, Mutabazi Z, Baird J, Clancy CM, Lubetkin D, Uwitonze JE, Nyinawankusi JD, Nkeshimana M, Byiringiro JC, **Levine AC**. Epidemiology of Patients with Head Injury at a Tertiary Hospital in Rwanda. *West J Emerg Med*. 2021 Nov 5;22(6):1374-1378. doi: 10.5811/westjem.2021.4.50961. PMID: 34787565; PMCID: PMC8597684.
79. Kharel R, Baird J, Vaishnav H, Chillara N, Lee JA, Genisca A, Hayward A, Uzevski V, Elbenni A, **Levine AC**, Aluisio AR. Development and assessment of novel virtual COVID-19 trainer-of-trainers course implemented by an academic- humanitarian partnership. *Glob Health Action*. 2022 Dec 31;15(1):2010391. doi: 10.1080/16549716.2021.2010391. PMID: 35006037; PMCID: PMC8751496.
80. Abel L, Perera SM, Yam D, Garbern S, Kennedy SB, Massaquoi M, Sahr F, Woldemichael D, Liu T, **Levine AC**, Aluisio AR. Association between oral antimalarial medication administration and

- mortality among patients with Ebola virus disease: a multisite cohort study. *BMC Infect Dis.* 2022 Jan 20;22(1):71. doi: 10.1186/s12879-021-06811-3. PMID: 35057753; PMCID: PMC8772178.
81. **Levine AC**, O'Connell KJ, Schnadower D, VanBuren TJM, Mahajan P, Hurley KF, Tarr P, Olsen CS, Poonai N, Schuh S, Powell EC, Farion KJ, Sapient RE, Roskind CG, Rogers AJ, Bhatt S, Gouin S, Vance C, Freedman SB; Pediatric Emergency Research Canada (PERC) the Pediatric Emergency Care Applied Research Network (PECARN). Derivation of the Pediatric Acute Gastroenteritis Risk Score to Predict Moderate-to-Severe Acute Gastroenteritis. *J Pediatr Gastroenterol Nutr.* 2022 Feb 3. doi: 10.1097/MPG.0000000000003395. Epub ahead of print. PMID: 35129163.
 82. Garbern SC, Nelson EJ, Nasrin S, Keita AM, Brintz BJ, Gainey M, Badji H, Nasrin D, Howard J, Taniuchi M, Platts-Mills JA, Kotloff KL, Haque R, **Levine AC**, Sow SO, Alam NH, Leung DT. External validation of a mobile clinical decision support system for diarrhea etiology prediction in children: a multicenter study in Bangladesh and Mali. *Elife.* 2022 Feb 9;11:e72294. doi: 10.7554/eLife.72294. Epub ahead of print. PMID: 35137684.
 83. Sullivan DJ, Gebo KA, Shoham S, Bloch EM, Lau B, Shenoy AG, Mosnaim GS, Gniadek TJ, Fukuta Y, Patel B, Heath SL, **Levine AC**, Meisenberg BR, Spivak ES, Anjan S, Huaman MA, Blair JE, Currier JS, Paxton JH, Gerber JM, Petrini JR, Broderick PB, Rausch W, Cordisco ME, Hammel J, Greenblatt B, Cluzet VC, Cruser D, Oei K, Abinante M, Hammitt LL, Sutcliffe CG, Forthal DN, Zand MS, Cachay ER, Raval JS, Kassaye SG, Foster EC, Roth M, Marshall CE, Yarava A, Lane K, McBee NA, Gawad AL, Karlen N, Singh A, Ford DE, Jabs DA, Appel LJ, Shade DM, Ehrhardt S, Baksh SN, Laeyendecker O, Pekosz A, Klein SL, Casadevall A, Tobian AAR, Hanley DF. Early Outpatient Treatment for Covid-19 with Convalescent Plasma. *N Engl J Med.* 2022 May 5;386(18):1700-1711. doi: 10.1056/NEJMoa2119657. Epub 2022 Mar 30. PMID: 35353960; PMCID: PMC9006786.
 84. Rosen RK, Garbern SC, Gainey M, Lantini R, Nasrin S, Nelson EJ, Elshabassi N, Alam NH, Sultana S, Hasnim T, Qu K, Schimid CH, **Levine AC**. Designing a Novel Clinician Decision Support Tool for the Management of Acute Diarrhea in Bangladesh: Formative Qualitative Research. *JMIR Hum Factors* 2022;9(1):e33325. doi: 10.2196/33325
 85. Marques CG, Mwemerashyaka L, Martin K, Tang O, Uwamahoro C, Ndebwanimana V, Uwamahoro D, Moretti K, Sharma V, Naganathan S, Jing L, Garbern SC, Nkeshimana M, **Levine AC**, Aluisio AR. Utilisation of peripheral vasopressor medications and extravasation events among critically ill patients in Rwanda: A prospective cohort study. *Afr J Emerg Med.* 2022 Jun;12(2):154-159. doi: 10.1016/j.afjem.2022.03.006. Epub 2022 Apr 21. PMID: 35505668; PMCID: PMC9046616.
 86. Li M, Beck EJ, Laeyendecker O, Eby Y, Tobian AA, Caturegli P, Wouters C, Chiklis GR, Block W, McKie RO, Joyner MJ, Wiltshire TD, Dietz AB, Gniadek TJ, Shapiro AS, Yarava A, Lane K, Hanley DF, Bloch EM, Shoham S, Cachay ER, Meisenberg BR, Huaman MA, Fukuta Y, Patel B, Heath SL, **Levine AC**, Paxton JH, Anjan S, Gerber JM, Gebo KA, Casadevall A, Pekosz A, Sullivan DJ. Convalescent plasma with a high level of virus-specific antibody effectively neutralizes SARS-CoV-2 variants of concern. *Blood Adv.* 2022 Apr 20:bloodadvances.2022007410. doi: 10.1182/bloodadvances.2022007410. Epub ahead of print. PMID: 35443020; PMCID: PMC9023079.
 87. Genisca AE, Chu TC, Huang L, Gainey M, Adeniji M, Mbong EN, Kennedy SB, Laghari R, Nganga F, Muhayangabo RF, Vaishnav H, Perera SM, Colubri A, **Levine AC**, Michelow IC. Risk Prediction Score for Pediatric Patients with Suspected Ebola Virus Disease. *Emerg Infect Dis.* 2022 Jun;28(6):1189-1197. doi: 10.3201/eid2806.212265. PMID: 35608611; PMCID: PMC9155869.
 88. Rupani N, Ngole ME, Lee JA, Aluisio AR, Gainey M, Perera SM, Ntamwinja LK, Matafali RM, Muhayangabo RF, Makoyi FN, Laghari R, **Levine AC**, Kearney AS. Effect of Recombinant Vesicular Stomatitis Virus-Zaire Ebola Virus Vaccination on Ebola Virus Disease Illness and Death, Democratic Republic of the Congo. *Emerg Infect Dis.* 2022 Jun;28(6):1180-1188. doi: 10.3201/eid2806.212223. PMID: 35608607; PMCID: PMC9155898.

89. Nelson EJ, Khan AI, Keita AM, Brintz BJ, Keita Y, Sanogo D, Islam MT, Khan ZH, Rashid MM, Nasrin D, Watt MH, Ahmed SM, Haaland B, Pavia AT, **Levine AC**, Chao DL, Kotloff KL, Qadri F, Sow SO, Leung DT. Improving Antibiotic Stewardship for Diarrheal Disease With Probability-Based Electronic Clinical Decision Support: A Randomized Crossover Trial. *JAMA Pediatr.* 2022 Aug 29. doi: 10.1001/jamapediatrics.2022.2535. Epub ahead of print. PMID: 36036920.
90. Genisca AE, Butler K, Gainey M, Chu TC, Huang L, Mbong EN, Kennedy SB, Laghari R, Nganga F, Muhayangabo RF, Vaishnav H, Perera SM, Adeniji M, **Levine AC**, Michelow IC, Colubri A. Constructing, validating, and updating machine learning models to predict survival in children with Ebola Virus Disease. *PLoS Negl Trop Dis.* 2022 Oct 12;16(10):e0010789. doi: 10.1371/journal.pntd.0010789. PMID: 36223331; PMCID: PMC9555640.
91. Shoham S, Bloch EM, Casadevall A, Hanley D, Lau B, Gebo K, Cachay E, Kassaye SG, Paxton JH, Gerber J, **Levine AC**, Naeim A, Currier J, Patel B, Allen ES, Anjan S, Appel L, Baksh S, Blair PW, Bowen A, Broderick P, Caputo CA, Cluzet V, Elena MC, Cruser D, Ehrhardt S, Forthal D, Fukuta Y, Gawad AL, Gniadek T, Hammel J, Huaman MA, Jabs DA, Jedlicka A, Karlen N, Klein S, Laeyendecker O, Karen L, McBee N, Meisenberg B, Merlo C, Mosnaim G, Park HS, Pekosz A, Petrini J, Rausch W, Shade DM, Shapiro JR, Singleton RJ, Sutcliffe C, Thomas DL, Yarava A, Zand M, Zenilman JM, Tobian AAR, Sullivan DJ. Transfusing convalescent plasma as post-exposure prophylaxis against SARS-CoV-2 infection: a double-blinded, phase 2 randomized, controlled trial. *Clin Infect Dis.* 2022 May 17:ciac372. doi: 10.1093/cid/ciac372. Epub ahead of print. PMID: 35579509; PMCID: PMC9129191.
92. Kharel R, Regmi SP, Lin T, **Levine AC**, Aluisio AR. Training program for female community volunteers to combat COVID 19 in rural Nepal. *Glob Health Action.* 2022 Dec 31;15(1):2134425. doi: 10.1080/16549716.2022.2134425. PMID: 36369910.
93. Ahmed SM, Brintz BJ, Pavlinac PB, Shahrin L, Huq S, **Levine AC**, Nelson EJ, Platts-Mills JA, Kotloff KL, Leung DT. Derivation and external validation of clinical prediction rules identifying children at risk of linear growth faltering. *Elife.* 2023 Jan 6;12:e78491. doi: 10.7554/eLife.78491. PMID: 36607225; PMCID: PMC9833824.
94. Grace R, Alejandria MC, Bates M, Boland ST, Nysten A, Tayyeb Z, **Levine AC**. Moving humanitarian-military relations forward: a new typology. *J Int Humanit Action.* 2023;8(1):2. doi: 10.1186/s41018-023-00134-5. Epub 2023 Feb 24. PMID: 37520287; PMCID: PMC9951150.
95. Elshabassi N, Garbern SC, Rosen RK, Gainey M, Nasrin S, Alam NH, Sultana S, Hasnin T, **Levine AC**. Understanding variations in diarrhea management across healthcare facilities in Bangladesh: a formative qualitative study. *J Infect Dev Ctries.* 2023 May 31;17(5):665-676. doi: 10.3855/jidc.17260. PMID: 37279426.
96. Park HS, Barranta C, Yin A, Lee JS, Caputo CA, Li M, Yoon S, Sitaras I, Jedlicka A, Eby Y, Ram M, Fernandez RE, Baker OR, Shenoy AG, Mosnaim GS, Fukuta Y, Patel B, Heath SL, **Levine AC**, Meisenberg BR, Spivak ES, Anjan S, Huaman MA, Blair JE, Currier JS, Paxton JH, Gerber JM, Petrini JR, Broderick PB, Rausch W, Cordisco ME, Hammel J, Greenblatt B, Cluzet VC, Cruser D, Oei K, Abinante M, Hammitt LL, Sutcliffe CG, Forthal DN, Zand MS, Cachay ER, Raval JS, Kassaye SG, Marshall CE, Yarava A, Lane K, McBee NA, Gawad AL, Karlen N, Singh A, Ford DE, Jabs DA, Appel LJ, Shade DM, Lau B, Ehrhardt S, Baksh SN, Shapiro JR, Ou J, Gniadek TJ, Caturegli P, Wu J, Ndahiro N, Betenbaugh MJ, Ziman A, Hanley DF, Casadevall A, Shoham S, Bloch EM, Gebo KA, Tobian AAR, Laeyendecker O, Pekosz A, Klein SL, Sullivan DJ. Antibody Correlates of Protection for COVID-19 Convalescent Plasma Associated with Reduced Outpatient Hospitalizations. *medRxiv [Preprint].* 2023 Apr 24:2023.04.13.23288353. doi: 10.1101/2023.04.13.23288353. PMID: 37131659; PMCID: PMC10153328.

97. Rosen RK, Gainey M, Nasrin S, Garbern SC, Lantini R, Elshabassi N, Sultana S, Hasnin T, Alam NH, Nelson EJ, Levine AC. Use of Framework Matrix and Thematic Coding Methods in Qualitative Analysis for mHealth: NIRUDAK Study Data. *Int J Qual Methods*. 2023 Jan-Dec;22:10.1177/16094069231184123. doi: 10.1177/16094069231184123. Epub 2023 Jun 21. PMID: 37243077; PMCID: PMC11138313.
98. Garbern SC, Perera SM, Mbong EN, Kulkarni S, Fleming MK, Ombeni AB, Muhayangabo RF, Tchoualeu DD, Kallay R, Song E, Powell J, Gainey M, Glenn B, Gao H, Mutumwa RM, Mustafa SHB, Abad N, Soke GN, Prybylski D, Doshi RH, Fukunaga R, **Levine AC**. COVID-19 Vaccine Perceptions among Ebola-Affected Communities in North Kivu, Democratic Republic of the Congo, 2021. *Vaccines (Basel)*. 2023 May 11;11(5):973. doi: 10.3390/vaccines11050973. PMID: 37243077; PMCID: PMC10223943.
99. Ahmed SM, Brintz BJ, Talbert A, Ngari M, Pavlinac PB, Platts-Mills JA, **Levine AC**, Nelson EJ, Walson JL, Kotloff KL, Berkley JA, Leung DT. Derivation and external validation of a clinical prognostic model identifying children at risk of death following presentation for diarrheal care. *PLOS Glob Public Health*. 2023 Jun 27;3(6):e0001937. doi: 10.1371/journal.pgph.0001937. PMID: 37368867; PMCID: PMC10298785.
100. Doshi RH, Garbern SC, Kulkarni S, Perera SM, Fleming MK, Muhayangabo RF, Ombeni AB, Tchoualeu DD, Kallay R, Song E, Powell J, Gainey M, Glenn B, Mutumwa RM, Hans Bateyi Mustafa S, Earle-Richardson G, Gao H, Abad N, Soke GN, Fitter DL, Hyde TB, Prybylski D, **Levine AC**, Jalloh MF, Mbong EN. Ebola vaccine uptake and attitudes among healthcare workers in North Kivu, Democratic Republic of the Congo, 2021. *Front Public Health*. 2023 Jul 25;11:1080700. doi: 10.3389/fpubh.2023.1080700. PMID: 37559741; PMCID: PMC10408297.
101. Huaman MA, Raval JS, Paxton JH, Mosnaim GS, Patel B, Anjan S, Meisenberg BR, **Levine AC**, Marshall CE, Yarava A, Shenoy AG, Heath SL, Currier JS, Fukuta Y, Blair JE, Spivak ES, Petrini JR, Broderick PB, Rausch W, Cordisco M, Hammel J, Greenblatt B, Cluzet VC, Cruser D, Oei K, Abinante M, Hammitt LL, Sutcliffe CG, Forthal DN, Zand MS, Cachay ER, Kassaye SG, Ram M, Wang Y, Das P, Lane K, McBee NA, Gawad AL, Karlen N, Ford DE, Laeyendecker O, Pekosz A, Klein SL, Ehrhardt S, Lau B, Baksh SN, Shade DM, Casadevall A, Hanley DF, Ou J, Gniadek TJ, Ziman A, Shoham S, Gebo KA, Bloch EM, Tobian AAR, Sullivan DJ, Gerber JM. Transfusion reactions associated with COVID-19 convalescent plasma in outpatient clinical trials. *Transfusion*. 2023 Aug 3. doi: 10.1111/trf.17485. Epub ahead of print. PMID: 37534607.
102. **Levine AC**, Park A, Adhikari A, Alejandria MCP, Bradlow BH, Lopez-Portillo MF, Mutwafy S, Zumbyte I, Heller P. The role of civil society organizations (CSOs) in the COVID-19 response across the Global South: A multinational, qualitative study. *PLOS Glob Public Health*. 2023 Sep 14;3(9):e0002341. doi: 10.1371/journal.pgph.0002341. PMID: 37708149; PMCID: PMC10501645.
103. Philpott D, Rupani N, Gainey M, Mbong EN, Musimwa PI, Perera SM, Laghari R, Ververs M, **Levine AC**. Maternal, fetal, and perinatal outcomes among pregnant women admitted to an Ebola treatment center in the Democratic Republic of Congo, 2018-2020. *PLoS One*. 2023 Sep 8;18(9):e0286843. doi: 10.1371/journal.pone.0286843. PMID: 37682812; PMCID: PMC10490991.
104. Zhu X, Gebo KA, Abraham AG, Habtehyimer F, Patel EU, Laeyendecker O, Gniadek TJ, Fernandez RE, Baker OR, Ram M, Cachay ER, Currier JS, Fukuta Y, Gerber JM, Heath SL, Meisenberg B, Huaman MA, **Levine AC**, Shenoy A, Anjan S, Blair JE, Cruser D, Forthal DN, Hammitt LL, Kassaye S, Mosnaim GS, Patel B, Paxton JH, Raval JS, Sutcliffe CG, Abinante M, Broderick P, Cluzet V, Cordisco ME, Greenblatt B, Petrini J, Rausch W, Shade D, Lane K, Gawad AL, Klein SL, Pekosz A, Shoham S, Casadevall A, Bloch EM, Hanley D, Sullivan DJ, Tobian AAR. Dynamics of inflammatory responses after SARS-CoV-2 infection by vaccination status in the USA: a prospective cohort study. *Lancet Microbe*. 2023 Sep;4(9):e692-e703. doi: 10.1016/S2666-5247(23)00171-4. Epub 2023 Aug 7. PMID: 37659419; PMCID: PMC10475695.

105. **Levine AC**, Gainey M, Qu K, Nasrin S, Sharif MB, Noor SS, Barry MA, Garbern SC, Schmid CH, Rosen RK, Nelson EJ, Alam NH. A comparison of the NIRUDAK models and WHO algorithm for dehydration assessment in older children and adults with acute diarrhoea: a prospective, observational study. *Lancet Glob Health*. 2023 Nov;11(11):e1725-e1733. doi: 10.1016/S2214-109X(23)00403-5. Epub 2023 Sep 27. PMID: 37776870; PMCID: PMC10593153.
106. Habtehyimer F, Zhu X, Redd AD, Gebo KA, Abraham AG, Patel EU, Laeyendecker O, Gniadek TJ, Fernandez RE, Baker OR, Ram M, Cachay ER, Currier JS, Fukuta Y, Gerber JM, Heath SL, Meisenberg B, Huaman MA, **Levine AC**, Shenoy A, Anjan S, Blair JE, Crusier D, Forthal DN, Hammitt LL, Kassaye S, Mosnaim GS, Patel B, Paxton JH, Raval JS, Sutcliffe CG, Abinante M, Oei KS, Cluzet V, Cordisco ME, Greenblatt B, Rausch W, Shade D, Gawad AL, Klein SL, Pekosz A, Shoham S, Casadevall A, Bloch EM, Hanley D, Tobian AAR, Sullivan DJ. COVID-19 convalescent plasma therapy decreases inflammatory cytokines: a randomized controlled trial. *Microbiol Spectr*. 2024 Jan 11;12(1):e0328623. doi: 10.1128/spectrum.03286-23. Epub 2023 Nov 27. PMID: 38009954; PMCID: PMC10783116.
107. Perera SM, Garbern SC, Mbong EN, Fleming MK, Muhayangabo RF, Ombeni AB, Kulkarni S, Tchoualeu DD, Kallay R, Song E, Powell J, Gainey M, Glenn B, Mutumwa RM, Mustafa SHB, Earle-Richardson G, Fukunaga R, Abad N, Soke GN, Prybylski D, Fitter DL, **Levine AC**, Doshi RH. Perceptions toward Ebola vaccination and correlates of vaccine uptake among high-risk community members in North Kivu, Democratic Republic of the Congo. *PLOS Glob Public Health*. 2024 Jan 18;4(1):e0002566. doi: 10.1371/journal.pgph.0002566. PMID: 38236844; PMCID: PMC10796044.
108. Bearnot CJ, Mbong EN, Muhayangabo RF, Laghari R, Butler K, Gainey M, Perera SM, Michelow IC, Tang OY, **Levine AC**, Colubri A, Aluisio AR. Derivation and Internal Validation of a Mortality Prognostication Machine Learning Model in Ebola Virus Disease Based on Iterative Point-of-Care Biomarkers. *Open Forum Infect Dis*. 2024 Jan 5;11(2):ofad689. doi: 10.1093/ofid/ofad689. PMID: 38379568; PMCID: PMC10878059.
109. Park HS, Yin A, Barranta C, Lee JS, Caputo CA, Sachithanandham J, Li M, Yoon S, Sitaras I, Jedlicka A, Eby Y, Ram M, Fernandez RE, Baker OR, Shenoy AG, Mosnaim GS, Fukuta Y, Patel B, Heath SL, **Levine AC**, Meisenberg BR, Spivak ES, Anjan S, Huaman MA, Blair JE, Currier JS, Paxton JH, Gerber JM, Petrini JR, Broderick PB, Rausch W, Cordisco ME, Hammel J, Greenblatt B, Cluzet VC, Crusier D, Oei K, Abinante M, Hammitt LL, Sutcliffe CG, Forthal DN, Zand MS, Cachay ER, Raval JS, Kassaye SG, Marshall CE, Yarava A, Lane K, McBee NA, Gawad AL, Karlen N, Singh A, Ford DE, Jabs DA, Appel LJ, Shade DM, Lau B, Ehrhardt S, Baksh SN, Shapiro JR, Ou J, Na YB, Knoll MD, Ornelas-Gatdula E, Arroyo-Currás N, Gniadek TJ, Caturegli P, Wu J, Ndahiro N, Betenbaugh MJ, Ziman A, Hanley DF, Casadevall A, Shoham S, Bloch EM, Gebo KA, Tobian AA, Laeyendecker O, Pekosz A, Klein SL, Sullivan DJ. Outpatient COVID-19 convalescent plasma recipient antibody thresholds correlated to reduced hospitalizations within a randomized trial. *JCI Insight*. 2024 Mar 14:e178460. doi: 10.1172/jci.insight.178460. Epub ahead of print. PMID: 38483534.
110. Boland ST, Nylen A, Bates M, Alejandria MC, Grace R, Tayyeb Z, **Levine AC**. Armed actor interventions in humanitarian and public health crises: examining perspectives of crisis-affected community members. *Confl Health*. 2024 Apr 18;18(1):33. doi: 10.1186/s13031-024-00593-6. PMID: 38632646; PMCID: PMC11025275.
111. Mamun GM, Moretti K, Afroze F, Brintz BJ, Rahman AS, Gainey M, Sarmin M, Shaima SN, Chisti MJ, **Levine AC**, Garbern SC. Modelling climate impacts on paediatric sepsis incidence and severity in Bangladesh. *J Glob Health*. 2024 Jul 19;14:04107. doi: 10.7189/jogh.14.04107. PMID: 39024619; PMCID: PMC11257703.
112. Garbern SC, Mamun GMS, Shaima SN, Hakim N, Wegerich S, Alla S, Sarmin M, Afroze F, Sekaric J, Genisca A, Kadakia N, Shaw K, Rahman ASMMH, Gainey M, Ahmed T, Chisti MJ, **Levine AC**. A novel digital health approach to improving global pediatric sepsis care in Bangladesh using wearable

- technology and machine learning. *PLOS Digit Health*. 2024 Oct 30;3(10):e0000634. doi: 10.1371/journal.pdig.0000634. PMID: 39475844; PMCID: PMC11524492.
113. Jones A, Ahmed SM, Platts-Mills JA, Kotloff KL, **Levine AC**, Nelson EJ, Pavia AT, Khan AI, Leung DT. Etiology of Severely Dehydrating Diarrheal Illness in Infants and Young Children Residing in Low- and Middle-Income Countries. *Open Forum Infect Dis*. 2024 Oct 11;11(11):ofae619. doi: 10.1093/ofid/ofae619. PMID: 39494449; PMCID: PMC11530959.
 114. Yeabah TO, Kaba I, Ramaswamy G, Dahal P, Delamou A, Vonhm BT, Jetoh RW, Merson L, **Levine AC**, Relan P, Harries AD, Kumar AMV. Factors associated with death in patients admitted with Ebola virus disease to Ebola Treatment Units in Guinea, Sierra Leone, and Liberia - December 2013 to March 2016. *F1000Res*. 2025 Mar 3;13:672. doi: 10.12688/f1000research.149612.2. PMID: 40046245; PMCID: PMC11880755.
 115. Karim N, Nyinawankusi JD, Belsky MS, Mugemangango P, Mutabazi Z, Gonzalez Marques C, Zhang AY, Baird J, Marie Uwitonze J, **Levine AC**. Needs Assessment and Tailored Training Pilot for Emergency Care Clinicians in the Prehospital Setting in Rwanda. *West J Emerg Med*. 2025 Jan;26(1):103-110. doi: 10.5811/westjem.18698. PMID: 39918149; PMCID: PMC11908519.
 116. Nylen AJ, Deluca G, Bala B, Charvis JS, Tanzer JR, Bah O, **Levine AC**. Then, We Lost Everything: Afghan Refugee Mental Health Challenges Post-2021 Evacuation. *J Immigr Minor Health*. 2025 Apr;27(2):251-257. doi: 10.1007/s10903-024-01640-3. Epub 2025 Jan 4. PMID: 39755900; PMCID: PMC11903503.
 117. Qu K, Gainey M, Kanekar SS, Nasrim S, Nelson EJ, Garbern SC, Monjory M, Alam NH, **Levine AC**, Schmid CH. Comparing the predictive discrimination of machine learning models for ordinal outcomes: A case study of dehydration prediction in patients with acute diarrhea. *PLOS Digit Health*. 2025 May 6;4(5):e0000820. doi: 10.1371/journal.pdig.0000820. PMID: 40327713; PMCID: PMC12054866.
 118. Warren E, Wang C, Rhodes M, Polatty DP 4th, **Levine AC**. Gauging public perceptions of military and police roles in US domestic pandemic response during COVID-19. *Front Public Health*. 2025 Jun 18;13:1569263. doi: 10.3389/fpubh.2025.1569263. PMID: 40606107; PMCID: PMC12217939.
 119. Roskind CG, Schnadow D, Rogers AJ, Casper TC, Tarr PI, Levine AC, Bhatt SR, Gouin S, Mahajan P, Vance C, Hurley KF, Norris JG, Powell EC, Farion KJ, Sapien RE, O'Connell KJ, Poonai N, Schuh S, Freedman SB; Pediatric Emergency Research Canada (PERC) and the Pediatric Emergency Care Applied Research Network (PECARN). An Evaluation of Enteropathogen-Specific Disease Severity and Duration in Children With Acute Gastroenteritis. *Pediatr Emerg Care*. 2025 Aug 5. doi: 10.1097/PEC.0000000000003459. Epub ahead of print. PMID: 40762219.
 120. Shaima SN, Genisca AE, Faruk MT, Uddin MF, Saha A, Sultana N, Kadakia N, Gainey M, Kim E, Shaw K, Afroze F, Chepngeno J, Jindal A, Chowdhury SA, Chisti MJ, Levine AC, Garbern SC. Health Care Providers' Perspectives of Clinical Decision Support Tools for Pediatric Sepsis in Bangladesh: Qualitative Study. *JMIR Form Res*. 2025 Sep 26;9:e73451. doi: 10.2196/73451. PMID: 41004258.
 121. Jindal A, Garbern SC, Dunsiger S, Chepngeno J, Genisca AE, Faruk MT, Kadakia N, Afroze F, Sarmin M, Gainey M, Mamun GM, Shaima SN, Chowdhury SA, Levine AC, Chisti MJ. Predicting Pediatric Sepsis and Mortality Using Wearable Device Data and Machine Learning in Bangladesh. *Am J Trop Med Hyg*. 2025 Nov 18:tpmd250237. doi: 10.4269/ajtmh.25-0237. Epub ahead of print. PMID: 41252746.
 122. Mbong EN, Perera SM, Garbern SC, Makali SL, Germano E, Ombeni AB, **Levine AC**, Muhayangabo RF. Understanding perceptions towards COVID-19 vaccination and strategies to

increase vaccine uptake among Ebola- affected communities in North Kivu, Democratic Republic of the Congo: A Qualitative Study. BMC Public Health, 2025; (Accepted)

OTHER PEER REVIEWED PUBLICATIONS

1. **Levine AC**, Gadiraju S, Goel A, Johar S, King R, Arnold K. International emergency medicine: a review of the literature. Acad Emerg Med. 2007 Feb;14(2):182-3. Epub 2006 Dec 27. PubMed PMID: 17192444.
2. **Levine AC**, Goel A, Keay CR, Lay C, Melnick ER, Nielson JA, Becker J, Khaleghi M, Chicharoen N, Johar S, Lippert S, Tebb ZD, Rosborough S, Arnold K. International emergency medicine: a review of the literature from 2006. Acad Emerg Med. 2007 Dec;14(12):1190-3. Review. PubMed PMID: 18045896.
3. **Levine AC**. World update. Disaster Med Public Health Prep. 2008 Mar;2(1):17-9. doi: 10.1097/DMP.0b013e318164d03b. PubMed PMID: 18388653.
4. **Levine AC**, Becker J, Lippert S, Rosborough S, Arnold K; Emergency Medicine Resident Association International Emergency Medicine Literature Review Group. International emergency medicine: a review of the literature from 2007. Acad Emerg Med. 2008 Sep;15(9):860-5. doi: 10.1111/j.1553-2712.2008.00222.x. Review. PubMed PMID: 18821861.
5. Lippert S, **Levine AC**, Becker J, Foran M, Rosborough S, Arnold K; International Emergency Medicine Literature Review Group. International emergency medicine: a review of the literature from 2008. Acad Emerg Med. 2009 Dec;16(12):1335-1340. doi: 10.1111/j.1553-2712.2009.00565.x. Review. PubMed PMID: 20053257.
6. **Levine AC**. Saving lives. Ann Emerg Med. 2010 Jul;56(1):69-70. doi: 10.1016/j.annemergmed.2009.12.024. PubMed PMID: 20620650.
7. **Levine AC**, Adusumilli J, Landrigan CP. Effects of reducing or eliminating resident work shifts over 16 hours: a systematic review. Sleep. 2010 Aug;33(8):1043-53. doi: 10.1093/sleep/33.8.1043. Review. PubMed PMID: 20815185; PubMed Central PMCID: PMC2910534.
8. Foran M, **Levine A**, Lippert S, Chan J, Aschkenasy M, Arnold K, Rosborough S; International Emergency Medicine Literature Review Group. International emergency medicine: a review of the literature from 2009. Acad Emerg Med. 2011 Jan;18(1):86-92. doi: 10.1111/j.1553-2712.2010.00961.x. Epub 2010 Dec 23. Review. PubMed PMID: 21182567.
9. Aschkenasy M, Arnold K, Foran M, Lippert S, Schroeder ED, Bertsch K, **Levine AC**; International Emergency Medicine Literature Review Group. International emergency medicine: a review of the literature from 2010. Acad Emerg Med. 2011 Aug;18(8):872-9. doi: 10.1111/j.1553-2712.2011.01129.x. Epub 2011 Jul 26. Review. PubMed PMID: 21790839.
10. Sippel S, Muruganandan K, **Levine A**, Shah S. Review article: Use of ultrasound in the developing world. Int J Emerg Med. 2011 Dec 7;4:72. doi: 10.1186/1865-1380-4-72. PubMed PMID: 22152055; PubMed Central PMCID: PMC3285529.
11. Schroeder ED, Jacquet G, Becker TK, Foran M, Goldberg E, Aschkenasy M, Bertsch K, **Levine AC**; Global Emergency Medicine Literature Review (GEMLR) Group. Global emergency medicine: a review of the literature from 2011. Acad Emerg Med. 2012 Oct;19(10):1196-203. doi: 10.1111/j.1553-2712.2012.01447.x. Epub 2012 Sep 20. Review. PubMed PMID: 22994394.
12. Kabeza AB, George N, Nyundo M, **Levine AC**. "Development of emergency medicine in Rwanda." Afr J Emerg Med; 2013. <http://dx.doi.org/10.1016/j.afjem.2012.11.004>.

13. Jacquet GA, Foran M, Bartels S, Becker TK, Schroeder ED, Duber HC, Goldberg E, Cockrell H, **Levine AC**; Global Emergency Medicine Literature Review (GEMLR) Group. Global Emergency Medicine: a review of the literature from 2012. *Acad Emerg Med*. 2013 Aug;20(8):835-43. doi: 10.1111/acem.12173. Review. PubMed PMID: 24033627.
14. Runyon MS, Sawe HR, **Levine AC**, Pousson A, House DR, Agrawal P, Osei-Ampofo M, Weiner SG, Douglass K. Clinical and translational research in global health and emergency care: a research agenda. *Acad Emerg Med*. 2013 Dec;20(12):1272-7. doi: 10.1111/acem.12268. PubMed PMID: 24341582.
15. Martin IB, Jacquet GA, **Levine AC**, Douglass K, Pousson A, Dunlop S, Khanna K, Bentley S, Tupesis JP. Global health and emergency care: a postgraduate medical education consensus-based research agenda. *Acad Emerg Med*. 2013 Dec;20(12):1233-40. doi: 10.1111/acem.12258. PubMed PMID: 24341578.
16. Martin IB, **Levine AC**, Kayden S, Hauswald M. More than just a hobby: building an academic career in global emergency medicine. *J Emerg Med*. 2014 Jul;47(1):107-12. doi: 10.1016/j.jemermed.2013.11.123. Epub 2014 Mar 20. PubMed PMID: 24657257.
17. **Levine AC**. Change of shift. Heads you live, tails you don't. *Ann Emerg Med*. 2014 May;63(5):646-7. doi: 10.1016/j.annemergmed.2013.09.022. PubMed PMID: 24746429.
18. Becker TK, Jacquet GA, Marsh R, Schroeder ED, Bartels S, Duber HC, Cockrell H, **Levine AC**; Global Emergency Medicine Literature Review (GEMLR) Group. Global emergency medicine: a review of the literature from 2013. *Acad Emerg Med*. 2014 Jul;21(7):810-7. Epub 2014 Jul 8. Review. PubMed PMID: 25040254.
19. Venkat A, Wolf L, Geiderman JM, Asher SL, Marco CA, McGreevy J, Derse AR, Otten EJ, Jesus JE, Kreitzer NP, Escalante M, **Levine AC**; American College of Emergency Physicians; Emergency Nurses Association; Society for Academic Emergency Medicine. Ethical issues in the response to Ebola virus disease in US emergency departments: a position paper of the American College of Emergency Physicians, the Emergency Nurses Association and the Society for Academic Emergency Medicine. *J Emerg Nurs*. 2015 Mar;41(2):e5-e16. doi: 10.1016/j.jen.2015.01.012. PubMed PMID: 25770003.
20. Venkat A, Asher SL, Wolf L, Geiderman JM, Marco CA, McGreevy J, Derse AR, Otten EJ, Jesus JE, Kreitzer NP, Escalante M, **Levine AC**; American College of Emergency Physicians; Emergency Nurses Association; Society for Academic Emergency Medicine. Ethical issues in the response to Ebola virus disease in United States emergency departments: a position paper of the American College of Emergency Physicians, the Emergency Nurses Association, and the Society for Academic Emergency Medicine. *Acad Emerg Med*. 2015 May;22(5):605-15. doi: 10.1111/acem.12642. Epub 2015 Apr 22. PubMed PMID: 25903144.
21. Becker TK, Bartels S, Hansoti B, Jacquet GA, Lunney K, Marsh R, Osei-Ampofo M, Lam C, **Levine AC**; Global Emergency Medicine Literature Review (GEMLR) Group. Global emergency medicine: a review of the literature from 2014. *Acad Emerg Med*. 2015 Aug;22(8):976-84. doi: 10.1111/acem.12733. Epub 2015 Jul 29. PubMed PMID: 26223901.
22. **Levine AC**. Academics are from Mars, humanitarians are from Venus: Finding common ground to improve research during humanitarian emergencies. *Clin Trials*. 2016 Feb;13(1):79-82. doi: 10.1177/1740774515617935. Epub 2016 Jan 14. PubMed PMID: 26768562.
23. Becker TK, Hansoti B, Bartels S, Bisanzo M, Jacquet GA, Lunney K, Marsh R, Osei-Ampofo M, Trehan I, Lam C, **Levine AC**; Global Emergency Medicine Literature Review (GEMLR) Group. Global Emergency Medicine: A Review of the Literature From 2015. *Acad Emerg Med*. 2016

- Oct;23(10):1183-1191. doi: 10.1111/acem.12999. Epub 2016 Sep 20. Review. PubMed PMID: 27146277.
24. Hansoti B, **Levine A**, Ganti L, Oteng R, DesRosiers T, Modi P, Brown J. Funding global emergency medicine research-from seed grants to NIH support. *Int J Emerg Med*. 2016 Dec;9(1):27. Epub 2016 Oct 18. PubMed PMID: 27757807; PubMed Central PMCID: PMC5069231.
 25. **Levine AC**, Teicher C, Aluisio AR, Wiskel T, Valles P, Trelles M, Glavis-Bloom J, Grais RF. Regional Anesthesia for Painful Injuries after Disasters (RAPID): study protocol for a randomized controlled trial. *Trials*. 2016 Nov 14;17(1):542. PubMed PMID: 27842565; PubMed Central PMCID: PMC5109730.
 26. **Levine AC**, Barry MA, Agrawal P, Duber HC, Chang MP, Mackey JM, Hansoti B; Global Emergency Medicine Think Tank Clinical Research Working Group. Global Health and Emergency Care: Overcoming Clinical Research Barriers. *Acad Emerg Med*. 2017 Apr;24(4):484-493. doi: 10.1111/acem.13142. Epub 2017 Mar 17. PubMed PMID: 27976457.
 27. Hansoti B, Aluisio AR, Barry MA, Davey K, Lentz BA, Modi P, Newberry JA, Patel MH, Smith TA, Vinograd AM, **Levine AC**; Global Emergency Medicine Think Tank Clinical Research Working Group. Global Health and Emergency Care: Defining Clinical Research Priorities. *Acad Emerg Med*. 2017 Jun;24(6):742-753. doi: 10.1111/acem.13158. Epub 2017 Mar 17. Review. PubMed PMID: 28103632.
 28. Becker TK, Hansoti B, Bartels S, Hayward AS, Hexom BJ, Lunney KM, Marsh RH, Osei-Ampofo M, Trehan I, Chang J, **Levine AC**; Global Emergency Medicine Literature Review (GEMLR) Group. Global Emergency Medicine: A Review of the Literature From 2016. *Acad Emerg Med*. 2017 Sep;24(9):1150-1160. doi: 10.1111/acem.13216. Epub 2017 Aug 11. Review. PubMed PMID: 28474823.
 29. Aluisio AR, Rege S, Stewart BT, Kinuthia J, **Levine AC**, Mello MJ, Farquhar C. Prevalence of HIV Seropositivity and Associated Impact on Mortality among Injured Patients from Low-and Middle-Income Countries: A Systematic Review and Meta-Analysis. *Curr HIV Res*. 2017 Nov 23;15(5):307-317. doi: 10.2174/1570162X15666170920112743. Review. PubMed PMID: 28933280.
 30. Balhara KS, Silvestri DM, Tyler Winders W, Selvam A, Kivlehan SM, Becker TK, **Levine AC**; Global Emergency Medicine Literature Review Group (GEMLR). Impact of nutrition interventions on pediatric mortality and nutrition outcomes in humanitarian emergencies: A systematic review. *Trop Med Int Health*. 2017 Dec;22(12):1464-1492. doi: 10.1111/tmi.12986. Epub 2017 Nov 20. Review. PubMed PMID: 28992388.
 31. Lamontagne F, Fowler RA, Adhikari NK, Murthy S, Brett-Major DM, Jacobs M, Uyeki TM, Vallenias C, Norris SL, Fischer WA 2nd, Fletcher TE, **Levine AC**, Reed P, Bausch DG, Gove S, Hall A, Shepherd S, Siemieniuk RA, Lamah MC, Kamara R, Nakyeyune P, Soka MJ, Edwin A, Hazzan AA, Jacob ST, Elkarsany MM, Adachi T, Benhadj L, Clément C, Crozier I, Garcia A, Hoffman SJ, Guyatt GH. Evidence-based guidelines for supportive care of patients with Ebola virus disease. *Lancet*. 2018 Feb 17;391(10121):700-708. doi: 10.1016/S0140-6736(17)31795-6. Epub 2017 Oct 17. PubMed PMID: 29054555; PubMed Central PMCID: PMC6636325.
 32. Becker TK, Trehan I, Hayward AS, Hexom BJ, Kivlehan SM, Lunney KM, Modi P, Osei-Ampofo M, Pousson A, Cho DK, **Levine AC**; the Global Emergency Medicine Literature Review (GEMLR) Group. Global Emergency Medicine: A Review of the Literature From 2017. *Acad Emerg Med*. 2018 Nov;25(11):1287-1298. doi: 10.1111/acem.13456. Epub 2018 Jun 14. PubMed PMID: 29791967.
 33. Cancedda C, Cotton P, Shema J, Rulisa S, Riviello R, Adams LV, Farmer PE, Kagwiza JN, Kyamanywa P, Mukamana D, Mumena C, Tumusiime DK, Mukashyaka L, Ndenga E, Twagirumugabe T, Mukara KB, Dusabekambo V, Walker TD, Nkusi E, Bazzett-Matabele L, Butera A, Rugwizangoga B, Kabayiza JC, Kanyandekwe S, Kalisa L, Ntiringanya F, Dixon J, Rogo T, McCall

- N, Corden M, Wong R, Mukeshimana M, Gatarayiha A, Ntagungira EK, Yaman A, Musabeyezu J, Sliney A, Nuthulaganti T, Kernan M, Okwi P, Rhatigan J, Barrow J, Wilson K, **Levine AC**, Reece R, Koster M, Moresky RT, O'Flaherty JE, Palumbo PE, Ginwalla R, Binanay CA, Thielman N, Relf M, Wright R, Hill M, Chyun D, Klar RT, McCreary LL, Hughes TL, Moen M, Meeks V, Barrows B, Durieux ME, McClain CD, Bunts A, Calland FJ, Hedt-Gauthier B, Milner D, Raviola G, Smith SE, Tuteja M, Magriples U, Rastegar A, Arnold L, Magaziner I, Binagwaho A. Health Professional Training and Capacity Strengthening Through International Academic Partnerships: The First Five Years of the Human Resources for Health Program in Rwanda. *Int J Health Policy Manag*. 2018 Aug 6;7(11):1024-1039. doi: 10.15171/ijhpm.2018.61. PubMed PMID: 30624876; PubMed Central PMCID: PMC6326644.
34. Balhara KS, Bustamante ND, Selvam A, Winders WT, Coker A, Trehan I, Becker TK, **Levine AC**. Bystander Assistance for Trauma Victims in Low- and Middle-Income Countries: A Systematic Review of Prevalence and Training Interventions. *Prehosp Emerg Care*. 2019 May-Jun;23(3):389-410. doi: 10.1080/10903127.2018.1513104. Epub 2018 Sep 25. PubMed PMID: 30141702.
 35. Trehan I, Osei-Ampofo M, Balhara KS, Hexom BJ, Kivlehan SM, Modi P, Pousson AY, Selvam A, Quao NSA, Cho DK, Becker TK, **Levine AC**; Global Emergency Medicine Literature Review (GEMLR) Group. Global Emergency Medicine: A Review of the Literature from 2018. *Acad Emerg Med*. 2019 Jul 16. doi: 10.1111/acem.13832. [Epub ahead of print] PubMed PMID: 31313411.
 36. Aluisio AR, Waheed S, Cameron P, Hess J, Jacob ST, Kissoon N, **Levine AC**, Mian A, Ramlakhan S, Sawe HR, Razzak J. Clinical emergency care research in low-income and middle-income countries: opportunities and challenges. *BMJ Glob Health*. 2019 Jul 29;4(Suppl 6):e001289. doi: 10.1136/bmjgh-2018-001289. eCollection 2019. Review. PubMed PMID: 31406600; PubMed Central PMCID: PMC6666826.
 37. Garbern SC, Martin KD, Gonzalez-Marques C, Umuhire OF, Uwamahoro DL, Aluisio AR, **Levine AC**. Building and Sustaining Partnerships in Health Workforce and Research Capacity in Rwanda. *R I Med J* (2013). 2019 Sep 3;102(7):32-35. PubMed PMID: 31480817.
 38. Gainey M, Barry M, **Levine AC**, Nasrin S. Developing a Novel Mobile Health (mHealth) Tool to Improve Dehydration Assessment and Management in Patients with Acute Diarrhea in Resource-Limited Settings. *R I Med J* (2013). 2019 Sep 3;102(7):36-39. PubMed PMID: 31480818. PubMed Central PMCID: PMC7266095.
 39. Evans NG, Hills K, **Levine AC**. How Should the WHO Guide Access and Benefit Sharing During Infectious Disease Outbreaks? *AMA J Ethics*. 2020 Jan 1;22(1):E28-35. doi: 10.1001/amajethics.2020.28. PubMed PMID: 31958388.
 40. Balhara KS, Bustamante ND, Selvam A, Winders WT, Coker A, Trehan I, Becker TK, **Levine AC**. Bystander Assistance for Trauma Victims in Low- and Middle-Income Countries: A Systematic Review of Prevalence and Training Interventions. *Prehosp Emerg Care*. 2019 May-Jun;23(3):389-410. doi: 10.1080/10903127.2018.1513104. Epub 2018 Sep 25. PubMed PMID: 30141702.
 41. Yang L, Slate-Romano J, Marqués CG, Uwamahoro C, Twagirumukiza FR, Naganathan S, Morretti K, Jing L, **Levine AC**, Stephen A, Aluisio AR. Evaluation of blood product transfusion therapies in acute injury care in low- and middle-income countries: a systematic review. *Injury*. 2020 Jul;51(7):1468-1476. doi: 10.1016/j.injury.2020.05.007. Epub 2020 May 7. PubMed PMID: 32409189.
 42. Aluisio AR, Zhu E, Gil G, Kenyon T, Uzevski V, **Levine AC**. Academic-Humanitarian Partnerships: Leveraging Strengths to Combat COVID-19. *Glob Health Action*. 2020 Dec 31;13(1):1797296. doi: 10.1080/16549716.2020.1797296. PMID: 32757713; PMCID: PMC7480580.
 43. Naganathan S, Meehan-Coussee K, Pasichow S, Rybasack-Smith H, Binder W, Beaudoin F, Musits AN, Sutton E, Petrone G, **Levine AC**, Suner S. From Concerts to COVID: Transforming the RI

Convention Center into an Alternate Hospital Site in under a Month. *R I Med J* (2013). 2020 Aug 3;103(6):8-13. PMID: 32752556.

44. Winders WT, Bustamante ND, Garbern SC, Bills C, Coker A, Trehan I, Osei-Ampofo M, **Levine AC**. Establishing the Effectiveness of Interventions Provided to First Responders to Prevent and/or Treat Mental Health Effects of Response to a Disaster: A Systematic Review. *Disaster Med Public Health Prep*. 2021 Feb;15(1):115-126. doi: 10.1017/dmp.2019.140. Epub 2020 Feb 14. PMID: 33870882.
45. Gallo Marin B, Amaya A, Medina Perez G, **Levine AC**, Moretti K, Garbern SC. A Scoping Review of Non-Communicable Diseases and Maternal and Child Health Needs of Venezuelan Migrants in South America. *J Glob Health Rep*. 2021;5:e2021045. doi: 10.29392/001c.23621. Epub 2021 May 15. PMID: 34113721; PMCID: PMC8189345.
46. Lee JA, Kharel R, Naganathan S, Karim N, Aluisio AR, **Levine AC**. Framework for Global Health Collaboration in Pandemic Disease. *R I Med J* (2013). 2022 Mar 1;105(2):33-37. PMID: 35211708.
47. Bloch EM, Tobian AAR, Shoham S, Hanley DF, Gniadek TJ, Cachay ER, Meisenberg BR, Kafka K, Marshall C, Heath SL, Shenoy A, Paxton JH, **Levine A**, Forthal D, Fukuta Y, Huaman MA, Ziman A, Adamski J, Gerber J, Crusier D, Kassaye SG, Mosnaim GS, Patel B, Metcalf RA, Anjan S, Reisler RB, Yarava A, Lane K, McBee N, Gawad A, Raval JS, Zand M, Abinante M, Broderick PB, Casadevall A, Sullivan D, Gebo KA. How do I implement an outpatient program for the administration of convalescent plasma for COVID-19? *Transfusion*. 2022 May;62(5):933-941. doi: 10.1111/trf.16871. Epub 2022 Apr 4. PMID: 35352362; PMCID: PMC9086144.
48. **Levine AC**, Fukuta Y, Huaman MA, Ou J, Meisenberg BR, Patel B, Paxton JH, Hanley DF, Rijnders BJA, Gharbharan A, Rokx C, Zwaginga JJ, Alemany A, Mitjà O, Ouchi D, Millat-Martinez P, Durkalski-Mauldin V, Korley FK, Dumont LJ, Callaway CW, Libster R, Marc GP, Wappner D, Esteban I, Polack F, Sullivan DJ. Coronavirus Disease 2019 Convalescent Plasma Outpatient Therapy to Prevent Outpatient Hospitalization: A Meta-Analysis of Individual Participant Data From 5 Randomized Trials. *Clin Infect Dis*. 2023 Jun 16;76(12):2077-2086. doi: 10.1093/cid/ciad088. PMID: 36809473; PMCID: PMC10273382.
49. Yarava A, Marshall C, Reichert DE, Ye A, Khanal P, Robbins SH, Sachais BS, Oh D, Metcalf RA, Conry-Cantilena K, King K, Reyes M, Adamski J, Marques MB, Tran MH, Allen ES, Pach D, Blumberg N, Hobbs R, Nash T, Shenoy AG, Mosnaim GS, Fukuta Y, Patel B, Heath SL, Levine AC, Meisenberg BR, Anjan S, Huaman MA, Blair JE, Currier JS, Paxton JH, Rausch W, Oei K, Abinante M, Forthal DN, Zand MS, Kassaye SG, Cachay ER, Gebo KA, Shoham S, Casadevall A, McBee NA, Amirault D, Wang Y, Hopkins E, Shade DM, Layendecker O, Klein SL, Park HS, Lee JS, Caturegli P, Raval JS, Crusier D, Ziman AF, Gerber J, Gniadek TJ, Bloch EM, Tobian AAR, Hanley DF, Sullivan DJ, Lane K; CSSC (COVID 19 Serologic Studies Consortium) group. Creating a plasma coordination center to support COVID-19 outpatient trials across a national network of hospital blood banks. *J Clin Transl Sci*. 2024 Nov 14;8(1):e200. doi: 10.1017/cts.2024.642. PMID: 39655012; PMCID: PMC11626586.
50. Rudd KE, Randolph AG, Angus DC, Bauer M, Chesley CF, Filbin MR, Jenq G, Kempker JA, **Levine AC**, et al. Preventing, Identifying, and Managing Sepsis in the Community: Research and Clinical Priorities. *Lancet Primary Care*, 2025 (Accepted)

BOOKS AND BOOK CHAPTERS

1. **Levine AC**, Nguyen H, Santucci KA. Pediatric Gastroenteritis in Emergency Medicine. *Medscape Drugs & Diseases*. Updated March 5, 2019. Available at: <https://emedicine.medscape.com/article/801948-overview>.

2. **Levine AC.** "Sciatica and Radicular Back Pain." In: Thomas S, editor. Acute Pain Management, 1st Ed. Cambridge University Press, 2008.
3. **Levine AC.** "Volume Status." In: Shah, S, editor. Manual of Ultrasound for Resource Limited Settings, 1st Ed. Partners in Health, 2010.
4. **Levine AC.** "Lessons Learned." In: Partridge R and Proano L, editors. Oxford American Handbook of Disaster Medicine, 1st Ed. Oxford University Press, 2012.

CORPORATE AUTHORSHIP OR MULTICENTER TRIALS

1. PREVAIL II Writing Group; Multi-National PREVAIL II Study Team, Davey RT Jr, Dodd L, Proschan MA, Neaton J, Neuhaus Nordwall J, Koopmeiners JS, Beigel J, Tierney J, Lane HC, Fauci AS, Massaquoi MBF, Sahr F, Malvy D. A Randomized, Controlled Trial of ZMapp for Ebola Virus Infection. *N Engl J Med.* 2016 Oct 13;375(15):1448-1456. PubMed PMID: 27732819; PubMed Central PMCID: PMC5086427. (**Multi-National PREVAIL II Study Team Member**)
2. Weinreich DM, Sivapalasingam S, Norton T, Ali S, Gao H, Bhore R, Xiao J, Hooper AT, Hamilton JD, Musser BJ, Rofail D, Hussein M, Im J, Atmodjo DY, Perry C, Pan C, Mahmood A, Hosain R, Davis JD, Turner KC, Baum A, Kyratsous CA, Kim Y, Cook A, Kampman W, Roque-Guerrero L, Acloque G, Aazami H, Cannon K, Simón-Campos JA, Bocchini JA, Kowal B, DiCioccio AT, Soo Y, Geba GP, Stahl N, Lipsich L, Braunstein N, Herman G, Yancopoulos GD; Trial Investigators. REGEN-COV Antibody Combination and Outcomes in Outpatients with Covid-19. *N Engl J Med.* 2021 Sep 29. doi: 10.1056/NEJMoa2108163. Epub ahead of print. PMID: 34587383. (**Trial Investigator**)
3. Winders WT, Garbern SC, Bills CB, Relan P, Schultz ML, Trehan I, Kivlehan SM, Becker TK, McQuillan R. The effects of mobile health on emergency care in low- and middle-income countries: A systematic review and narrative synthesis. *J Glob Health.* 2021 Apr 3;11:04023. doi: 10.7189/jogh.11.04023. PMID: 33828846; PMCID: PMC8021077. (**GEMLR Group Member**)
4. Trehan I, Kivlehan SM, Balhara KS, Bonney J, Hexom BJ, Pousson AY, Quao NSA, Rybarczyk MM, Selvam A, Nicholson BD, Bhaskar N, Becker TK; the Global Emergency Medicine Literature Review (GEMLR) Group. Global emergency medicine: A scoping review of the literature from 2020. *Acad Emerg Med.* 2021 Jul 26. doi: 10.1111/acem.14356. Epub ahead of print. PMID: 34310782. (**GEMLR Group Member**)
5. Baksh S, Heath SL, Fukuta Y, Shade D, Meisenberg B, Bloch EM, Tobian AAR, Spivak ES, Patel B, Gerber J, Raval JS, Forthal D, Paxton J, Mosnaim G, Anjan S, Blair J, Cachay E, Currier J, Das P, Huaman M, Sutcliffe C, Yarava A, Casadevall A, Sullivan D, Hanley D, Gebo KA; CSSC-004 Consortium. Symptom duration and resolution with early outpatient treatment of convalescent plasma for COVID- 19: a randomized trial. *J Infect Dis.* 2023 Jan 31;jiad023. doi: 10.1093/infdis/jiad023. Epub ahead of print. PMID: 36722044. (**CSSC-004 Consortium Member**)

PUBLICATIONS UNDER REVIEW

1. Quintana AN, Schmid CH, Qu K, Gainey M, Nasrin S, Monjory M, Nelson EJ, Alam NH, Levine AC. Evaluating clinical utility of multi-category outcome risk prediction models. *medRxiv [Preprint].* 2025 Apr 28;2025.04.26.25326499. doi: 10.1101/2025.04.26.25326499. PMID: 40343018; PMCID: PMC12060937.
2. Kadakia N, Amanullah S, Gjelsvik A, Mamun GMS, Shaima SN, Rahman AS, Genisca A, Jindal A, Sarmin M, Afroze F, Shin J, Faruk MT, Sayeem ASM, Ahmed T, Chisti MJ, **Levine AC**, Garbern SC. Predicting Pediatric Sepsis Outcomes: A Comparison and Validation of Three Sepsis Mortality Scores in Bangladesh. *Pediatric Reports,* 2025;

3. Kallay R, Muhoza P, Tchoualeu DD, Fleming M, Garbern S, Makali SL, Perera SM, Fraterne-Muhayangabo R, Ombeni AB, Tuttle A, Aberle-Grasse E, Ortiz N, Doshi R, **Levine AC**, Mbong EN. Perceptions of Factors Influencing Ebola Vaccine Acceptance Among Community Members, Healthcare Workers, and Response Personnel in Eastern Democratic Republic of the Congo. PLOS One, 2025;
4. Agyare BO, Shiau D, Chapman E, Lokossou V, Ali J, Babigumira P, Francis Y, Ndamnsa N, **Levine AC**, Katz R. Strengthening Health Emergencies Preparedness: A Guide the Implementation of an Integrated Civilian-Military Collaboration Framework. BMJ Military Health, 2025;
5. Chepngeno J, Maranjian C, Yu D, **Levine AC**. Performance of clinical prediction models for dehydration assessment among patients with acute diarrhea: A systematic review of the literature. Bulletin World Health Organization, 2025;

ORAL AND POSTER ABSTRACTS

1. **Levine AC**, Presser DZ, Rosborough SN, Ghebreyesus TA, Davis MA. "Understanding Barriers to Emergency Care in Low Income Countries." Annals of Emergency Medicine Vol. 48(A308). Presented at the American College of Emergency Physicians Scientific Assembly, New Orleans, Louisiana, 10/2006.
2. **Levine AC**, Marsh R, Nelson S, Chapman J. "Measuring Access to Emergency Obstetric Care in Rural Zambia." Presented at the Massachusetts Medical Society Medical Student and Resident Poster Symposium, Waltham, Massachusetts, 4/2007.
3. Choi B, Nelson BP, Noble VE, **Levine A**. "Ectopic Pregnancy Evaluation in the ED: Impact of a Management Algorithm Poster on Resident Education." Presented at the Mediterranean Emergency Medicine Congress (MEMC IV), Sorrento, Italy, 9/2007.
4. Noble VE, Capp R, Higgins C, **Levine A**, Liteplo A. "Evaluation of the 8-Zone Lung Ultrasound Technique." Presented at the Mediterranean Emergency Medicine Congress (MEMC IV), Sorrento, Italy, 9/2007.
5. **Levine AC**, Marsh R, Nelson S, Chapman J, Burke TF. "Measuring Access to Emergency Obstetric Care in Rural Zambia." Annals of Emergency Medicine Vol. 51(A19). Presented at the 12th International Conference on Emergency Medicine, San Francisco, USA, 4/2008.
6. **Levine AC**, Lozner A, Nelson B, Demoya MA, Liteplo A, Noble V. "Detection of Pneumothorax in Penetrating Injury: Thoracic Rapid Ultrasound in Trauma (TRUST)." Presented at Massachusetts General Hospital Clinical Research Day, Boston, Massachusetts, 5/2008.
7. **Levine AC**, Marsh R, Nelson S, Chapman J, Burke TF. "Measuring Access to Emergency Obstetric Care in Rural Zambia." Presented at the Massachusetts General Hospital Clinical Research Day, Boston, Massachusetts, 5/2008.
8. Nelson B, Duque D, Noble V, Chang B, **Levine A**, Lozner A. "Detection of Pneumothorax in Penetrating Injury: Thoracic Rapid Ultrasound in Trauma (TRUST)." Academic Emergency Medicine Vol. 15, No. 5, p. S115(A285). Presented at the Society for Academic Emergency Medicine (SAEM) Scientific Assembly, Washington, DC, USA, 05/2008.
9. Tyer-Viola L, **Levine AC**, Marsh R, Nelson S, Chapman J, Burke TF. "The Maternal Infant Health Initiative for Zambia: Evaluating the Environment." Presented at the Council for the Advancement of Nursing Science, Washington, DC, 10/2008.

10. **Levine AC**, Greenough PG, Patel P, Qasrawi R, Abdeen Z. "Coping Strategies as Proxies for Food Security." Presented at the Global Health Council International Conference on Global Health, Washington, DC, 5/2009.
11. Nelson BP, Noble VE, Choi J, Truong T, **Levine AC**. "Improved Resident Knowledge and Adherence Care Guidelines Using an Algorithm for Ectopic Pregnancy Evaluation." *Annals of Emergency Medicine* 2009; 54(3): S34(A106). Presented at the American College of Emergency Physicians Scientific Assembly, Boston MA, 10/2009.
12. **Levine AC**, Shah S, Noble VE, Epino H. "Ultrasound Assessment of Dehydration in Children with Gastroenteritis." *Annals of Emergency Medicine* 2009; 54(3): S91(A289). Presented at the American College of Emergency Physicians Scientific Assembly, Boston MA, 10/2009.
13. **Levine AC**, Greenough PG, Patel P, Qasrawi R, Abdeen Z. "Use of coping strategies to detect households at risk for malnutrition during humanitarian emergencies." Presented at the American Public Health Association 137th Annual Meeting, Philadelphia, PA, 11/2009.
14. **Levine AC**, Noble VE. "Ultrasound Assessment of Severe Dehydration in Children with Diarrhea." Presented at the 6th World Congress on Ultrasound in Emergency and Critical Care, Rome, Italy, 10/2010.
15. Pringle K, **Levine AC**. "Comparing The Accuracy Of The 3 Popular Clinical Dehydration Scales In Children With Diarrhea." Presented at the New England Regional SAEM Conference, Hartford, CT, USA, 4/2011 and the SAEM Scientific Assembly, Boston, MA, USA, 6/2011.
16. Kabeza, A, **Levine AC**. "Designing Rwanda's First Emergency Medicine Residency." Presented at Emergency Medicine Society of South Africa International Emergency Medicine Conference, Cape Town, South Africa, 11/2011.
17. Schroeder ED, **Levine AC**, Chan J, Jacquet G, Kayden, SR. "The Global Emergency Medicine Literature Review: A Review of the Last Five Years." *Annals of Emergency Medicine* 2012. Presented at the International Conference on Emergency Medicine, Dublin, Ireland, 6/2012.
18. Nelson DA, Jauregui JM, Stearns B, Choo E, **Levine AC**, Liebmann O, Shah S. "Bedside Ultrasound for the Detection of Dehydration in Youth (BUDDY)." *Academic Emergency Medicine* 2013; 20(5): S214-5. Presented at the Society for Academic Emergency Medicine Annual Meeting, Atlanta, GA, 5/2013.
19. Modi P, Goldberg E, Munyaneza RBM, **Levine A**. "Assessment of Pneumonia in Children in Resource Limited Settings." *Academic Emergency Medicine* 2013; 20(5): S147. Presented at the Society for Academic Emergency Medicine Annual Meeting, Atlanta, GA, 5/2013.
20. Jauregui JM, Nelson DA, Stearns B, Choo E, **Levine AC**, Liebmann O, Shah S. "External Validation and Comparison of Three Popular Clinical Dehydration Scales in Children." *Academic Emergency Medicine* 2013; 20(5): S193-4. Presented at the Society for Academic Emergency Medicine Annual Meeting, Atlanta, GA, 5/2013.
21. Pringle K, Mackey J, Ruskis J, Modi P, Foggie J, **Levine AC**. "A Short Trauma Course for Physicians in a Resource-Limited Setting: Is Low-Cost Simulation Effective?" *Annals of Emergency Medicine* 2013; 62(4): S100(A274). Presented at the American College of Emergency Physicians Scientific Assembly, Seattle, WA, 10/2013.
22. **Levine AC**, Mugeni C, Munyaneza RM, Murindahabi E, Cockrell HC, Glavis-Bloom J, Nutt CT, Wagner CM, Karema C, Gaju E, Rukundo A, Habimana JP, Ngabo F, Binagwaho A. "Nationwide Implementation of Integrated Community Case Management of Childhood Illness in Rwanda: Impact

on Mortality and Health Facility Utilization.” Presented as a Roundtable Discussion at the American Public Health Association Annual Meeting, Boston, MA, 11/2013.

23. **Levine AC**, Munyaneza RM, Glavis-Bloom J, Reddit V, Cockrell HC, Kalimba B, Kabemba V, Gakwerere M, Umurungi J, Shah SP, Drobac PC. “Assessing the accuracy of three clinical dehydration scales in children with diarrhea in a resource-limited setting.” Presented at the American Public Health Association Annual Meeting, Boston, MA, 11/2013.
24. **Levine AC**, Glavis-Bloom J, Modi P, Nasrin S, Rege S, Chu C, Schmid CH, Alam NH, “Derivation and internal validation of the DHAKA Score and DHAKA Tree for predicting dehydration severity in children with acute diarrhea.” American College of Emergency Physicians Scientific Assembly, Boston, MA, 10/2015. DOI: 10.1016/j.annemergmed.2015.07.246
25. **Levine AC**, Glavis-Bloom J, Modi P, Nasrin S, Atika B, Rege S, Schmid CH, Alam NH. “External Validation of the DHAKA Score for Diagnosing Severe Dehydration in Children with Acute Diarrhea in Resource-Limited Settings.” Presented at the International Conference on Emergency Medicine, Cape Town, South Africa, 4/2016.
26. Roshania R, Mallow M, Dunbar N, Mansary D, Shetty P, Lyon T, Pham K, Abad M, Shedd E, Tran AA, Cundy S, **Levine AC**. “Implementation of a multi-country Ebola Virus Disease clinical surveillance and data collection system in West Africa: Findings and lessons learned.” Presented at the American Society of Tropical Medicine and Hygiene Meeting, Atlanta, GA, 11/2016.
27. Aluisio AR, Mbanjumucyo G, Barry MA, Karim N, **Levine AC**. “Impact of Implementation of Emergency Medicine Training on Emergency Department Mortality in Kigali, Rwanda: An Interrupted Time-Series Quasi-Experimental Design.” *Annals of Emergency Medicine*, 2017; 70(4S): S78. Presented at the American College of Emergency Physicians Scientific Assembly, Washington DC, 10/2017.
28. Aluisio AR, Gerbern S, Wiskel T, Mutabazi ZA, Umuhire OF Ch’ng CC, Rudd KE Nyinawankusi JD, Byiringiro JC, **Levine AC**. “The quick Sepsis-related Organ Failure Assessment Score Predicts Emergency Department and Hospital Mortality Among Emergency Care Patients in Kigali, Rwanda: A Retrospective Cohort Study.” Presented at the Society for Academic Emergency Medicine Annual Meeting, Indianapolis, IN, 05/2018.
29. Aluisio A R, Yam D, Peters J L, Cho DK, Perera S M, Kennedy S B, Massaquoi M, Sahr F, Garbern S, Liu T, **Levine AC**. “Treatment with Intravenous Fluid Therapy Was Not Associated with Improved Survival Among Patients with Ebola Virus Disease: An International Multisite Cohort Study” American College of Emergency Physicians Research Forum, San Diego, CA, 10/18.
30. Garbern S, Yam D, Cho DK, Aluisio A R, Perera S M, **Levine AC**, Liu T. “Effect of Mass Artesunate-Amodiaquine Distribution on Mortality of Patients with Ebola Virus Disease during West African Outbreak.” American Society of Tropical Medicine and Hygiene, 67th Annual Meeting, New Orleans, LA, 11/2018.
31. Aluisio AR, Yam D, Peters JL, Cho DK, Perera SM, Kennedy SB, Sahr F, Garbern S, Liu T, **Levine AC**. “Association Between Vitamin A Supplementation and Mortality Among Patients with Ebola Virus Disease: An International Multisite Cohort Study.” Presented at the WADEM Congress on Disaster and Emergency Medicine, Brisbane, Australia, 05/2019.
32. Garbern SC, Mbanjumucyo G, Umuhiza C, Sharma VK, Mackey J, Martin KD, Twagirumukiza FR, Rosman SL, McCall N, Wegerich SW, **Levine AC**. “Evaluation of a biosensor device for vital sign monitoring in septic ED patients in Rwanda.” Presented at the WADEM Congress on Disaster and Emergency Medicine, Brisbane, Australia, 05/2019.

33. Aluisio A R, Yam D, Peters J L, Cho DK, Perera S M, Kennedy S B, Massaquoi M, Sahr F, Garbern S, Liu T, **Levine AC**. "Morality Impacts of Multivitamin in Ebola Virus Disease: an International Multisite Cohort Study." International Conference on Emergency Medicine, Seoul, Korea, 06/2019.
34. Kearney AS, Aluisio AR, Laghari R, Germain C, Ngole ME, Muhayangabo RF, Abel L, Colubri A, Muyembe JJ, **Levine AC**. "Prior vaccination with rVSV-ZEBOV reduces mortality in patients with laboratory-confirmed Ebola Virus Disease in the Democratic Republic of Congo." American Society of Tropical Medicine and Hygiene, 68th Annual Meeting, National Harbor, MD, 11/2019.
35. Aluisio AR, Kearney AS, Laghari R, Germain C, Ngole ME, Muhayangabo RF, Garbern S, Abel L, Colubri A, Muyembe JJ, **Levine AC**. "External Validation in the Democratic Republic of Congo of the Ebola Prediction Score for Risk Stratification of Patients With Suspected Ebola Virus Disease." American Society of Tropical Medicine and Hygiene, 68th Annual Meeting, National Harbor, MD, 11/2019.
36. Nasrin S, Garbern SC, Gainey M, **Levine AC**, Alam NH. "Socio-Demographic and Environmental Predictors of Bacterial Etiology of Acute Diarrhoea in Dhaka Hospital, Bangladesh". Asian Conference on Diarrhoeal Disease and Nutrition (ASCODD), Dhaka, Bangladesh, 01/2020. Unite for Sight, New Haven, Connecticut, 04/2020.
37. Gainey M, Garbern SC, Nasrin S, Alam NH, **Levine AC**. "Clinical Predictors of Acute Diarrheal Disease with Bacterial Etiology in Adults and Older Children in Bangladesh". New England Research Directors (NERDS), Worcester, MA, 03/2020. Society for Academic Emergency Medicine (SAEM), Denver, Colorado, 05/2020. International Conference on Emergency Medicine (ICEM), Buenos Aires, Argentina, 06/2020. ASTMH, Toronto, Canada, 11/2020.
38. Barry M, Gainey M, Nasrin S, Alam NH, Nelson EJ, Schmid CH, Garbern SC, Qu K, **Levine AC**. "Clinical Predictors of Dehydration in Adults and Older Children with Acute Diarrheal Disease in Bangladesh". Brown University Research Symposium, Providence, Rhode Island, 04/2020. International Conference on Emergency Medicine (ICEM), Buenos Aires, Argentina, 06/2020. American Society of Tropical Medicine & Hygiene (ASTMH), Toronto, Canada, 11/2020.
39. Garbern SC, Nasrin S, Gainey M, Alam NH, **Levine AC**. "Predictors of Multi-Drug Resistance of Enteric Pathogens in Patients with Acute Diarrhea in Bangladesh". International Conference on Emergency Medicine (ICEM), Buenos Aires, Argentina, 06/2020. American Society of Tropical Medicine & Hygiene (ASTMH), Toronto, Canada, 11/2020.
40. Nasrin S, Garbern SC, Gainey M, Alam NH, **Levine AC**. "Bacterial Isolation and Susceptibility Pattern of Diarrheal Pathogens in Older Children and Adults at Dhaka Hospital, Bangladesh". International Conference on Emergency Medicine (ICEM), Buenos Aires, Argentina, 06/2020. American Society of Tropical Medicine & Hygiene (ASTMH), Toronto, Canada, 11/2020.
41. Lee JA, Qu K, Gainey M, Gee A, Schmid C, Alam N, **Levine AC**. "Derivation of Continuous Model for Volume Deficit: Patients Over Five Years with Acute Diarrhea". New England Research Directors (NERDS), 04/2021. Society for Academic Emergency Medicine (SAEM), Atlanta, Georgia, 05/2021. International Conference on Emergency Medicine (ICEM), Dubai, UAE, 06/2021.
42. Gainey M, Qu K, Garbern SC, Barry M, Lee JA, Nasrin S, Rosen RK, Nelson EJ, Alam NH, Schmid CH, **Levine AC**. "Assessing the Performance of Clinical Diagnostic Models for Dehydration among Patients with Cholera and Undernutrition in Bangladesh". American College of Emergency Physicians (ACEP), Boston, MA, 10/2021.
43. Garbern SC, Gainey M, Nasrin S, Keita AM, Brintz BJ, Badji H, Nasrin D, Howard J, Taniuchi, M, Platts-Mills J, Kotloff K, Nelson EJ, Alam NH, Haque R, Sow S, **Levine AC**, Leung DT. "Validation of a Mobile Health Tool for Viral Diarrhea Etiology Prediction in Young Children: A Prospective

- Multicenter Study in Bangladesh and Mali". American Society of Tropical Medicine & Hygiene (ASTMH), Virtual, 11/2021.
44. Genisca A, Gainey M, Chu TC, Huang L, Adeniji M, Perera S, Vaishnav H, Mbong EN, Makoyi FN, Laghari R, Kennedy S, **Levine AC**, Michelow I. "Creating a pediatric predictive diagnostic tool for Ebola virus disease". American Society of Tropical Medicine & Hygiene (ASTMH), Virtual, 11/2021.
 45. Doshi R, Fleming MK, Kulkarni S, Ngole ME, Ombeni AB, Jalloh MF, Abad N, Tchoualeu DD, Muhayangabo RF, Mutumwa RM, Mustafa SHB, Shiromi Perera, Song E, Powell J, Glenn B, Chard A, Garbern SC, Fitter D, Prybylski D, Hyde T, **Levine AC**. "Adapting the Ebola ring vaccination strategy: an innovative sampling design to collect behavioural data to inform outbreak response". American Society of Tropical Medicine & Hygiene (ASTMH), Virtual, 11/2021.
 46. Powell J, Perera S, Garbern SC, Song E, Glenn B, Ngole ME, Ombeni AB, Muhayangabo RF, Mutumwa RM, Mustafa SH, Kulkarni S, Fleming M, Jalloh MF, Abad N, Tchoualeu DD, Chard A, Fitter D, Prybylski D, Hyde T, Doshi R, **Levine AC**. "Knowledge, Attitudes, and Beliefs regarding COVID-19 Vaccination and Predictors of Vaccine Hesitancy in North Kivu, Democratic Republic of the Congo". American Society of Tropical Medicine & Hygiene (ASTMH), Virtual, 11/2021.
 47. Gainey M, Qu K, Garbern SC, Nasrin S, Nelson EJ, Alam NH, **Levine AC**. "Test Characteristics of Stool Color for Predicting Infection with *Vibrio Cholerae* in Patients with Acute Diarrhea". American Society of Tropical Medicine & Hygiene (ASTMH), Virtual, 11/2021.
 48. Song E, Powell J, Perera S, Glenn B, Garbern SC, Ngole ME, Ombeni AB, Muhayangabo RF, Mutumwa RM, Mustafa SHB, Shibani Kulkarn, Fleming MK, Jalloh MF, Abad N, Tchoualeu DD, Chard A, Fitter D, Prybylski D, Hyde T, Doshi RH, **Levine AC**. "Attitudes toward Vaccination and Predictors of Ebola Vaccine Acceptance among High-Risk Community Members in North Kivu, DRC". American Society of Tropical Medicine & Hygiene (ASTMH), Virtual, 11/2021.
 49. Ngole ME, Ombeni AB, Muhayangabo RF, Mutumwa RM, Fleming MK, Song E, Powell J, Perera S, Glenn B, Garbern SC, Mustafa SHB, Shibani Kulkarn, Jalloh MF, Abad N, Tchoualeu DD, Chard A, Fitter D, Prybylski D, Hyde T, **Levine AC**, Doshi RH. "Vaccination uptake, concerns, and preferred communication methods regarding Ebola vaccination among health care workers in North Kivu Province, the Democratic Republic of the Congo, 2020". American Society of Tropical Medicine & Hygiene (ASTMH), Virtual, 11/2021.
 50. Butler K, Genisca A, Michelow I, Colubri A, Chu TC, Huang L, Adenji M, Perera S, Vaishnav H, Gainey M, Ngole ME, Laghari R, Kennedy S, Muhayangabo RF, Makoyi RF, Imani P, Ntamwinja LK, Mukenge B, **Levine AC**. "Development and validation of a prognostic model for predicting survival in pediatric patients with Ebola Virus Disease (EVD)". American Society of Tropical Medicine & Hygiene (ASTMH), Virtual, 11/2021.
 51. Rupani N, Kearney A, Gainey M, Lee JA, Perera S, Mutumwa RM, Laghari R, Ngole ME, Makoyi FN, Imani P, Ntamwinja LK, **Levine AC**. "Prior Vaccination with rVSV-ZEBOV Reduces Morbidity and Mortality in Patients with Ebola Virus Disease in the Democratic Republic of Congo, 2018-2020". American Society of Tropical Medicine & Hygiene (ASTMH), Virtual, 11/2021.
 52. Lokhande A, Gainey M, Garbern SC, Nasrin S, Alam NH, **Levine AC**. "Cost Analysis of NIRUDAK Clinical Diagnostic Models for Volume Deficit in Patients with Acute Diarrhea". Presented virtually at International Conference on Emergency Medicine (ICEM), Melbourne, Australia, 06/2022. Presented virtually at American Society of Tropical Medicine & Hygiene (ASTMH), Seattle, Washington, 10/2022.
 53. Gainey M, Qu K, Garbern S, Nasrin S, Alam N, Schmid C, Nelson E, **Levine A**. "Test Characteristics of Stool Color for Predicting Infection with *Vibrio Cholerae* in Patients with Acute Diarrhea." *Prehospital and Disaster Medicine*. 2023;38(S1):s139-s139. doi:10.1017/S1049023X23003655.

54. **Levine AC**, Gainey M, Qu K, Nasrin S, Bint-E Sharif M, Noor SS, Nelson EJ, Barry MA, Garbern SC, Schmid CH, Alam NH. "External Validation and Comparison of NIRUDAK Models and WHO Algorithm for Assessing Dehydration in Patients with Acute Diarrhea." American College of Emergency Physicians (ACEP), Philadelphia, PA, 10/2023.
55. Garbern S, Mamun GMS, Shaima SN, Wegerich S, **Levine A**, Chisti MJ. "A Novel Digital Health Approach to Pediatric Sepsis Care in Bangladesh Using Wearable-Enabled mHealth Technology." International Conference on Emergency Medicine, Taipei, Taiwan, 06/2024. **Winner of Best Conference Paper Award and Visionary Industry Technology Award.**

NON-PEER REVIEWED PUBLICATIONS AND OTHER MEDIA

1. Widge AS, Goutman S, **Levine A**, Ravindranath D, Shapiro LT, Walsh W, Watson M, Zimmerman H. "Effects of Medical Education Debt on Access to Health Care." CONTEXT 2006; 1:22-32.
2. **Levine AC**. "Code Blue: Racial Disparities in our Healthcare System." Resident and Staff Physician 2005; October.
3. **Levine AC**. "The Best of Global EM Research." Emergency Physicians International 2011; 5: 23-25.
4. **Levine AC**. "Trauma Care in the Arab Spring." Emergency Physicians Monthly 2011; 18(10): 42-7.
5. **Levine AC**. "Abstracts from Africa." Emergency Physicians International 2011; 6:14.
6. **Levine AC**. "Global Research Review." Emergency Physicians International 2012; 7:15.
7. **Levine AC**. "Global Research Review." Emergency Physicians International 2012; 8:22.
8. **Levine A**. "A funny thing happened on my way to South Sudan." Emergency Physicians Monthly 2012; 10: 20-21.
9. Koster M, **Levine A**, Montague B, Winston S, Rosner JD. "Overcoming History: Brown partners with Rwanda to increase human resources for health care." Brown Medicine 2012; 18(3):13-14.
10. **Levine AC**. "Making it to 5 – Life and Death in Rural Rwanda." Huffington Post. April 6, 2013. Available at: https://www.huffpost.com/entry/malaria-rwanda_b_2604350
11. **Levine AC**. "Humanitarian Assistance at the Cross Roads." May 4, 2013. Available at: https://www.huffpost.com/entry/humanitarian-assistance-at-crossroads_b_2807535
12. **Levine AC**. "A Global Passover Story." Huffington Post World Page. March 26, 2013. Available at: https://www.huffpost.com/entry/a-global-passover-story_b_2946269
13. **Levine AC**. "Humane Response: An Interdisciplinary Approach Could Improve Disaster Relief." Brown Medicine 2013; 19(2): 21-22.
14. **Levine AC**. "Working in the World's Cholera Hospital." Huffington Post World Page. May 9, 2013. Available at: https://www.huffpost.com/entry/working-in-the-worlds-cho_b_3235038
15. **Levine AC**. "The Chance to Save a Life." Huffington Post World Page. June 9, 2013. Available at: https://www.huffpost.com/entry/the-chance-to-save-a-life_b_3402692
16. **Levine AC**. "What Chemical Weapons Feel Like." Huffington Post World Page. September 8, 2013. Available at: https://www.huffpost.com/entry/what-chemical-weapons-fee_b_3891166

17. **Levine AC.** "Two Ways to Save Your Life Today." Huffington Post World Page. October 2, 2013. Available at: https://www.huffpost.com/entry/importance-of-health-insurance_b_4020082
18. **Levine AC.** "Crash Course." Huffington Post World Page. November 4, 2013. Available at: https://www.huffpost.com/entry/crash-course_1_b_4210089
19. **Levine AC.** "An ER Christmas Story." Huffington Post Impact Page. December 23, 2013. Available at: https://www.huffpost.com/entry/an-er-christmas-story_b_4492909
20. **Levine AC.** "Improving Medical Education in Rwanda." March 17, 2014. Available at: https://www.huffpost.com/entry/resources-for-health-program-rwanda_b_2482017
21. **Levine AC.** "In the Time of Cholera." Huffington Post Blog. March 23, 2014. Available at: https://www.huffpost.com/entry/in-the-time-of-cholera_b_5012392
22. **Levine AC.** "Stop Worrying About Ebola (And Start Worrying About What it Means)." Huffington World Post. August 15, 2014. Available at: https://www.huffpost.com/entry/stop-worrying-about-ebola_b_5667018
23. **Levine AC.** "Dispatch from Liberia: An Epidemic of Fear." Huffington Post Politics Page. September 1, 2014. Available at: https://www.huffpost.com/entry/dispatch-from-liberia-ebola_b_5749360
24. **Levine AC.** "Dispatch from Liberia: Ebola 101." Huffington World Post. September 9, 2014. Available at: https://www.huffpost.com/entry/dispatch-from-liberia-ebola_b_5787546
25. **Levine AC.** "Dispatch from Liberia: Ebola Rising." Huffington World Post. September 25, 2014. Available at: https://www.huffpost.com/entry/dispatch-from-liberia-ebola_b_5878878
26. **Levine AC.** "Dispatch from Liberia: No Condition is Permanent." Huffington World Post. September 29, 2014. Available at: https://www.huffpost.com/entry/liberia-ebola-hospital_b_5895238
27. "Audio Diary: A Doctor's Fight Against Ebola." The Takeaway, WNYC. September 23, 2014. Available at: <http://www.wnyc.org/story/audio-diary-doctors-fight-against-ebola/>
28. "Dr. Adam Levine discusses Ebola." State of the Union with Candy Crowley, CNN. September 29, 2014. Available at: <https://www.youtube.com/watch?v=96C3v6dnq6U>
29. "Interview with Dr. Adam Levine." Rachel Maddow Show, MSNBC. October 16, 2014. Available at: <https://www.youtube.com/watch?v=mp0HydbRILY>
30. "Ebola's health care heroes under fire." Ronan Farrow Daily, MSNBC. October 30, 2014. Available at: <http://www.msnbc.com/ronan-farrow/watch/ebolas-health-care-heroes-under-fire-350081091982>
31. "President Obama Speaks at Hanukkah Reception with Dr. Adam Levine." White House News. December 18, 2014. Available at: <https://www.youtube.com/watch?v=9y2DzHphAJg&list=WL>
32. Hansoti B, Jacquet GA, Kapur GB, Kayden S, **Levine AC**, Martin IBK, Sanson T, Weiner S. Life and a Career in Global Health: Can You Have It All? Society for Academic Emergency Medicine Newsletter. 2014 Nov-Dec; 29(6):16-18.
33. "An Ebola doctor's answer to the life or death question of who should be admitted for treatment." Washington Post. April 6, 2015. Available at: <https://www.washingtonpost.com/news/morning-mix/wp/2015/04/06/an-ebola-doctors-answer-to-the-life-or-death-question-of-who-should-be-admitted-for-treatment/>

34. **Levine AC.** "Free at Last! (But Not Forever)." Huffington World Post. May 8, 2015. Available at: https://www.huffpost.com/entry/liberia-ebola-free_b_7239006
35. "Local doctor returns to Africa to fight Ebola." WPRI. May 20, 2015. Available at: <https://www.wpri.com/news/local-doctor-returns-to-africa-to-fight-ebola/>
36. "At Brown University, simulated crisis offers real-life lessons in disaster relief." Providence Journal. June 17, 2015. Available at: <https://www.providencejournal.com/story/news/education/2015/06/18/at-brown-university-simulated-crisis/34140821007/>
37. "New diagnostic tools for dehydration severity in children." News from Brown. August 21, 2015. Available at: <https://news.brown.edu/articles/2015/08/dhaka>
38. **Levine AC.** "A Humanitarian Solution to Europe's Political Problem." Huffington World Post. September 20, 2015. Available at: https://www.huffpost.com/entry/a-humanitarian-solution-t_b_8166124
39. "Ebola drug shows signs of efficacy in small clinical trial." New York Times. February 23, 2016. Available at: http://www.nytimes.com/2016/02/24/science/ebola-drug-shows-signs-of-efficacy-in-small-clinical-trial.html?_r=0
40. **Levine AC.** "The RAPID Study: Research in Crisis." Research for Health in Humanitarian Crises Blog Post, July 10, 2016.
41. "New Brown Center Aims to Improve Humanitarian Crisis Response." The Public's Radio (RI NPR). October 17, 2016. Available at: <https://thepublicsradio.org/post/new-brown-center-aims-improve-humanitarian-crisis-response>
42. "Treating cholera in Haiti after Hurricane Matthew." News from Brown. November 9, 2016. Available at: <https://www.brown.edu/news/2016-11-09/haiti>
43. "Innovative humanitarians share work on crisis in Aleppo." The Dan Yorke State of Mind, WPRO. December 20, 2016. Available at: <https://www.wpri.com/fox-providence/12-19-innovative-humanitarians-share-work-on-crisis-in-aleppo/>
44. "UN relief workers, military discuss humanitarian crisis." The Seattle Times. August 25, 2017. Available at: <https://www.seattletimes.com/nation-world/un-relief-workers-military-discuss-humanitarian-crisis/>
45. "Coordinating Humanitarian Relief." Trending Globally Podcast, Watson Institute for International and Public Affairs. October 14, 2017. Available at: <https://watson.brown.edu/chrhs/news/2017/dr-adam-levine-trending-globally-podcast>
46. "What we know about fighting Ebola: Q+A with Dr. Adam Levine." International Medical Corps. May 25, 2018. Available at: <https://internationalmedicalcorps.org/story/fighting-ebola/>
47. "A game-changer in the fight against Ebola." News from Brown. November 27, 2019. Available at: <https://www.brown.edu/news/2019-11-27/ebola>
48. Nelson E, **Levine AC.** "Creating Excellence for All." Diarrhea Innovations Group Blog Post, September 14, 2017.
49. "What you need to know about coronavirus in Rhode Island." WPRI Newsmakers. February 29, 2020. Available at: <https://www.wpri.com/news/newsmakers/newsmakers-2-28-2020-what-you-need-to-know-about-coronavirus-in-ri/>

50. "The WHO could use an Ebola study as a model for coronavirus treatment." Quartz. March 19, 2020. Available at: <https://qz.com/1821933/who-could-use-ebola-study-as-model-for-coronavirus-treatment/>
51. **Levine AC.** "I fought Ebola. Here's my advice for health workers fighting Covid-19." STAT, March 21, 2020. Available at: <https://www.statnews.com/2020/03/21/i-fought-ebola-heres-my-advice-for-health-workers-fighting-covid-19/>
52. "Interview with Dr. Adam Levine." Joe Paolino's In the Arena, ABC6. March 24, 2020. Available at: <https://vimeo.com/399127884>
53. "Health Experts are Scouring the State for Places to Put Temporary Emergency Hospitals." WBUR. March 25, 2020. Available at: <https://www.wbur.org/news/2020/03/24/massachusetts-temporary-hospitals-covid-19-coronavirus>
54. "The Four Pillars of Outbreak Preparedness (and How to Rebuild Them)." Trending Globally Podcast, Watson Institute for International and Public Affairs. April 1, 2020. Available at: <https://soundcloud.com/watsoninstitute/the-four-pillars-of-outbreak-preparedness-and-how-to-rebuild-them?in=watsoninstitute/sets/trending-globally>
55. "A guide to home isolation during the coronavirus pandemic." US News and World Report. April 1, 2020. Available at: <https://health.usnews.com/conditions/articles/a-guide-to-home-isolation-during-the-coronavirus-pandemic>
56. "Under one roof: the studies of human rights and humanitarianism come together in a new academic center." Medicine at Brown. June 9, 2020. Available at: <https://medicine.at.brown.edu/article/under-one-roof/>
57. "RI researchers seek COVID-positive people to receive convalescent plasma treatments." The Providence Journal. September 18, 2020. Available at: <https://www.providencejournal.com/story/news/coronavirus/2020/09/18/ri-researchers-seek-covid-positive-people-to-receive-convalescent-plasma-treatments/114081470/>
58. "The promise of plasma in the fight against COVID-19." Trending Globally Podcast, Watson Institute for International and Public Affairs. September 28, 2020. Available at: <https://soundcloud.com/watsoninstitute/the-promise-of-plasma-in-the-fight-against-covid-19>
59. "With attention on the election, COVID-19 numbers continue to surge." Boston Globe. November 7, 2020. Available at: <https://www.bostonglobe.com/2020/11/05/metro/with-attention-election-covid-numbers-continue-surge/>
60. "Pfizer Covid-19 vaccine: How it works and what you need to know." Radio New Zealand. March 19, 2021. Available at: <https://www.rnz.co.nz/national/programmes/checkpoint/audio/2018788276/pfizer-covid-19-vaccine-how-it-works-and-what-you-need-to-know>
61. "FDA grants EUA to convalescent plasma as an outpatient treatment for COVID-19." WJAR NBC 10 News. December 29, 2021. Available at: <https://turnto10.com/features/health-landing-page/fda-grants-eua-to-convalescent-plasma-as-an-outpatient-treatment-for-covid-19>
62. "Study renews hope in using convalescent plasma to treat COVID-19." Boston Globe. December 29, 2021. Available at: <https://www.bostonglobe.com/2021/12/29/metro/study-renews-hope-using-convalescent-plasma-treat-covid-19/>
63. "Through research collaboration, Brown scholars aim to improve experiences of refugees." News from Brown, 2022. Available at: <https://www.brown.edu/news/2022-03-15/refugees>

64. "Learning from Afghan Refugee Resettlement in Rhode Island." Trending Globally: Politics and Policy, The Watson Institute for International and Public Affairs, 2022. Available at: <https://trending-globally.captivate.fm/episode/learning-from-afghan-refugee-resettlement-in-rhode-island>
65. "The entire country was suffering': Brown students, faculty respond to historic floods in Pakistan." Brown Daily Herald. Available at: <https://www.browndailyherald.com/article/2022/09/the-entire-country-was-suffering-brown-students-faculty-respond-to-historic-floods-in-pakistan>
66. "Study provides roadmap for using convalescent plasma as an effective COVID-19 treatment." News from Brown, February 21, 2023. Available at: <https://www.brown.edu/news/2023-02-21/convalescent-plasma>
67. "Tainted water and viruses put Gaza residents, especially kids, at further risk." NBC News, October 22, 2023. Available at: <https://www.nbcnews.com/health/health-news/tainted-water-viruses-put-gaza-residents-especially-kids-risk-rcna120868>
68. "Gaza Water Crisis Raises Health Concerns for Millions." NBC News, October 23, 2023. Available at: <https://www.nbcnews.com/now/video/gaza-water-crisis-raises-health-concerns-for-millions-196236357719>
69. "Disease runs rampant in Gaza as clean water runs out." NBC News, November 16, 2023. Available at: <https://www.nbcnews.com/health/health-news/disease-runs-rampant-gaza-clean-water-runs-rcna125091>
70. "Crisis & Humanitarian Response." Humans in Public Health Podcast, Episode 22, January 23, 2024. Available at <https://humans-in-public-health.captivate.fm/episode/crisis-humanitarian-response>
71. "New Tool for Assessing Dehydration is Built for Global Deployment." University of Florida Health News, February 21, 2024. Available at <https://ufhealth.org/news/2024/new-tool-for-assessing-dehydration-is-built-for-global-deployment>

GRANTS

Active

1. NIH National Institute of Diabetes and Digestive and Kidney Diseases 5/2024-04/2028
External Validation and Implementation of a Novel Mobile Health Application for Acute Diarrhea Management across the Lifespan
Grant Number: 2R01DK116163
Role: Primary Investigator \$2,417,130 total costs
2. 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
3. NIH Fogarty International Center 09/2023-04/2026
Development of a Mobile Health Personalized Physiologic Analytics Tool for Pediatric Patients with Sepsis (With Additional Bioethics Research Supplement)
Grant Number: R33TW012211
Role: Multiple Principal Investigator \$1,067,995 total costs
4. NIH Fogarty International Center 08/2025-03/2030
Building Capacity in HIV/TB and Mental Health in Ukraine's Humanitarian Crisis
Grant Number: D43TW012768

Role: Multiple Principal Investigator \$1,510,158 total costs

5. NIH National Institute of General Medical Sciences 08/2025-03/2030
Translational Approaches for Pathogens of Human Significance (Ebola Virus Disease Treatment)
Grant Number: P20GM156688 (Sub-Project ID 7961)
Role: Mentor (PI: Friedman) \$1,690,240 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. 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

13. 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

14. 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

15. 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

16. 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

17. 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

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

20. 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
21. NIH National Institute of Diabetes and Digestive and Kidney Diseases 09/2018-04/2024
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
22. Australian Civil Military Centre 12/2023-09/2024
Civil-Military Coordination in Health Emergencies
Role: Primary Investigator \$26,025 total costs
23. Brown School of Public Health Catalyst Pilot Project 05/2024-04/2025
Barriers and facilitators from providers' and beneficiaries' perspective: Implementation research on wearable technology for pediatric sepsis management in Bangladesh
Role: Co-Investigator \$37,345 total costs
24. Birkelund Fund for Watson Institute Faculty Research 09/2023-06/2025
Civil-Military Coordination During US Pandemic Response
Role: Co-PI \$15,000 total costs
25. United Nations World Food Program 09/2022-08/2025
Negotiating Humanitarian Access: Assertive States and Non-State Armed Groups
Role: Principal Investigator \$150,000 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.
20. Brown University School of Public Health. "The Impacts of War on Public Health." Providence, RI, 2024.
21. New University in Exile Consortium Annual Displaced Scholars Retreat. "Research in Humanitarian Emergencies: Why and How." Providence, RI, 2024.
22. Brown University Warren Alpert Medical School Basic Translational Research Program. "Conducting Research in Humanitarian Emergencies." Providence, RI, 2024.
23. Brown University School of Public Health. "The Next Global Pandemic: How ready are we?" Providence, RI, 2025.

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.

29. Society for Academic Emergency Medicine Global Emergency Medicine Fellowship Didactic Series. "Conducting Research in Humanitarian Emergencies." Virtual, 2024.

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.
22. International Sepsis Forum Annual Colloquium. "Populations at Highest Risk: Low Socioeconomic and Development Status." Boston, MA, USA, 2024.
23. International Sepsis Forum Annual Colloquium. "Remote Electronic Monitoring and Decision-Support for Improved Sepsis Care (REMEDIES) Study." Boston, MA, USA, 2024.
24. United Nations Humanitarian Networks and Partnerships Week. "Practical Considerations for Civil-Military Interaction During Outbreaks and Public Health Emergencies." Geneva, Switzerland, 2024.
25. National Cheng Kung University (NCKU) Medical Center Pediatric Grand Rounds. "Mobile Health and Machine Learning to Improve Child Health in Low Resource Settings." Tainan, Taiwan, 2024.
26. United Nations Humanitarian Networks and Partnerships Week. "Use of Armed Escorts for Humanitarian Convoys: Understanding Current Practice." Geneva, Switzerland, 2025.
27. Global Interagency Security Forum. "Securing Access: The use of armed escorts." Brussels, Belgium (Virtual), 2025.

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, “Humanitarian Emergencies in Low Resource Settings.” 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, IAPA 1802S/PHP 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 vast 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

Course Lecturer, PHP 2076: Integrated Learning Experience for Accelerated MPH Program, “Developing a Research Question.” Brown University, annually 2024-present, class size: 5

Course Lecturer, IAPA 0310: Reimagining Human Security, “Public Health Emergencies of International Concern: People, Policy, and Politics.” Brown University, 2025, class size: 50

HOSPITAL TEACHING ROLES

Lecturer, Resident Core Curriculum, Department of Emergency Medicine, Rhode Island Hospital, 2009-2024, 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, Brown University Health Graduate Medical Education, annually 2023-present, average class size: 50

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 Skrable, 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, 2023-2024; Student: Caterina Dong, AB '24.
72. Faculty Mentor, The Warren Alpert Medical School of Brown University, Providence, RI, 2023-2024; Student: Madeline Goosman, MD '27.
73. Faculty Mentor, The Watson Institute for International and Public Affairs of Brown University, Providence, RI, 2024-2025; Student: Evan Warren, MPA '25. (Resulting Publications: 1).
74. Faculty Mentor, The Watson Institute for International and Public Affairs of Brown University, Providence, RI, 2024-2025; Student: Elena Bernardi, MPA '25.
75. Faculty Mentor, The Watson Institute for International and Public Affairs of Brown University, Providence, RI, 2024-2025; Student: Kunzang Namgyal, MPA '25.
76. Faculty Mentor, Brown University, Providence, RI, 2023-2024; Student: Alice Xu, Sc.B '27.

77. Faculty Mentor, Brown University School of Public Health, Providence, RI, 2025; Student: Constance Maranjian, MPH '25.
78. Faculty Mentor, Brown University, Providence, RI, 2025; Student: Grace Li, AB '26.
79. Thesis Advisor, Brown University, Providence, RI, 2025-2026; Student: Adedoyin Bisola Folarin, AB '26.
80. Thesis Advisor, Brown University School of Public Health, Providence, RI, 2025-2026; Student: Campbell Loi, MPH '26.