

July 1, 2021

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

The Warren Alpert Medical School of Brown University
Department of Emergency Medicine
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Providence, RI 02903
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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)

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

| | |
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| 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 |
| 2012 | 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 |
| 2019 | Michael Mello, MD, MPH Outstanding Research Mentor Award Brown University Department of Emergency Medicine |
| 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 |

PROFESSIONAL LICENSES AND CERTIFICATION

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

ACADEMIC APPOINTMENTS

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|-----------|---|
| 2009-2016 | Assistant Professor, Department of Emergency Medicine 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, Department of Emergency Medicine
Brown University Alpert Medical School
Providence, Rhode Island
- 2016- Faculty Fellow
Brown University Watson Institute for International and Public Affairs
Providence, Rhode Island
- 2016-2019 Director, Humanitarian Innovation Initiative
Brown University Watson Institute for International and Public Affairs
Providence, Rhode Island
- 2018- Director, Division of Global Emergency Medicine
Brown University Department of Emergency Medicine
Providence, Rhode Island
- 2018- Honorary Associate Professor in Emergency Medicine
College of Medicine and Health Sciences, University of Rwanda
Kigali, Rwanda
- 2019- Inaugural Director, Center for Human Rights and Humanitarian Studies
Brown University Watson Institute for International and Public Affairs
Providence, Rhode Island
- 2021- Professor, Department of Emergency Medicine
Brown University Alpert Medical School
Providence, Rhode Island

HOSPITAL APPOINTMENTS

- 2005-2009 Resident Physician
Department of Emergency Medicine, Brigham and Women's Hospital
Boston, Massachusetts
- 2005-2009 Resident Physician
Department of Emergency Medicine, Massachusetts General Hospital
Boston, Massachusetts
- 2009-2015 Staff Physician
Department of Emergency Medicine, The Miriam Hospital
Providence, Rhode Island
- 2009- Staff Physician
Department of Emergency Medicine, Rhode Island Hospital
Providence, Rhode Island
- 2010- Affiliate Faculty
Lifespan Center for International Health Research
Providence, Rhode Island
- 2011- Staff Physician
Department of Emergency Medicine, Hasbro Children's Hospital

Providence, Rhode Island

UNIVERSITY COMMITTEES

| | |
|-----------|--|
| 2009- | Research Committee Department of Emergency Medicine Brown University Alpert Medical School |
| 2015-2018 | Education Section Department of Emergency Medicine Brown University Alpert Medical School |
| 2015-2019 | Co-Chair, Displaced Scholars Response Committee Office of the Provost Brown University |
| 2016 | Search Committee for Vice Chair for Academic Affairs Department of Emergency Medicine Brown University Alpert Medical School |
| 2019- | Nomination and Governance Committee Department of Emergency Medicine Brown University Alpert Medical School |
| 2019-2020 | Center for Global Health Committee Office of the Provost Brown University |
| 2020 | Healthy Fall 2020 Task Force Office of the President Brown University |
| 2020- | Brown University Institutional Review Board Office of the Vice President for Research Brown University |
| 2021- | Search Committee for Human Rights Chair Watson Institute for International and Public Affairs Brown University |
| 2021- | Search Committee for Inaugural Director of Brown Global Health Institute Office of the Provost Brown University |

CONSULTANT POSITIONS

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|-----------|---|
| 2009 | Emergency Health Consultant Asian University for Women, Chittagong, Bangladesh |
| 2017-2018 | Consultant, Henry M. Jackson Foundation for the Advancement of Military Medicine Joint Mobile Emerging Disease Intervention Clinical Capability (JMEDICC) Project Fort Portal, Uganda |

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

HUMANITARIAN 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

OTHER POSITIONS

1997 Field Manager, Clean Air Campaign
California Public Interest Research Group
Los Angeles, California

1998 Assistant Director, Honolulu Office
United States Public Interest Research Group
Honolulu, Hawaii

2000 Director, Health Care Without Harm Campaign
Physicians for Social Responsibility, Los Angeles
Los Angeles, California

2004 Frank C. Newman International Human Rights Intern
Human Rights Advocates
San Francisco, California

2005 Intern, Health Action in Crises Department

World Health Organization
Geneva, Switzerland

2006-2008 Co-Director of Monitoring and Evaluation, Maternal/Infant Health Initiative,
Massachusetts General Hospital Center for Global Health
Boston, Massachusetts

2016- Member, Steering Committee, Ebola Data Platform
Infectious Disease Data Observatory, Oxford University
Oxford, United Kingdom

EDITORIAL BOARDS

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

2019- 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 One
2015- PLOS Neglected Tropical Diseases
2016- Bulletin of the World Health Organization
2016- Lancet Infectious Diseases
2016- The Lancet

GRANT REVIEW AND STUDY SECTIONS

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

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

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

PROFESSIONAL ORGANIZATIONS AND GOVERNMENT AGENCIES

American Medical Association (AMA):

2000- Member
2003-2004 Medical Student Section Delegate, AMA House of Delegates
2003-2004 Member, Governing Council, AMA Medical Student Section

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

American Public Health Association (APHA):

2003- Member

American College of Emergency Physicians (ACEP):

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

World Health Organization

2016 Member, World Health Organization Guideline Development Group on
Acute Supportive Care of Patients with Ebola Virus Disease in Resource Limited Settings
2018- Member, Steering Committee, PALM (Ebola Therapeutics) Randomized Controlled Trial

National Institutes of Health

2017- Member, Collaborative for Enhancing Emergency Care Research in LMICs
Center for Global Health Studies, NIH Fogarty International Center
2017- Member, Health Research in Humanitarian Crises Planning Committee
Center for Global Health Studies, NIH Fogarty International Center
2020- Steering Committee Member, Global Forum on Humanitarian Health Research
Center for Global Health Studies, NIH Fogarty International Center

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. Bough 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 the 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, Nyakubyara S, Gakwerere M, Wolfman V, Vinograd A, Moore M, **Levine AC**. Oxygen saturation can predict pediatric pneumonia in a resource-limited setting. *J Emerg Med.* 2013 Nov;45(5):752-60. doi: 10.1016/j.jemermed.2013.04.041. Epub 2013 Aug 9. PubMed PMID: 23937809.
12. **Levine AC**, Munyaneza RM, Glavis-Bloom J, Redditt V, Cockrell HC, Kalimba B, Kabemba V, Musavuli J, Gakwerere M, Umurungi JP, Shah SP, Drobac PC. Prediction of severe disease in children with diarrhea in a resource-limited setting. *PLoS One.* 2013 Dec 3;8(12):e82386. doi: 10.1371/journal.pone.0082386. eCollection 2013. PubMed PMID: 24349271; PubMed Central PMCID: PMC3857792.
13. Jacquet GA, Hansoti B, **Levine AC**, Martin IB. Career paths and practice patterns of global emergency medicine physicians: a cross-sectional survey. *J Emerg Med.* 2014 Sep;47(3):348-54. doi: 10.1016/j.jemermed.2014.01.029. Epub 2014 Mar 31. PubMed PMID: 24698508.
14. Jauregui J, Nelson D, Choo E, Stearns B, **Levine AC**, Liebmann O, Shah SP. External validation and comparison of three pediatric clinical dehydration scales. *PLoS One.* 2014 May 2;9(5):e95739. doi: 10.1371/journal.pone.0095739. eCollection 2014. PubMed PMID: 24788134; PubMed Central PMCID: PMC4008432.
15. Mugeni C*, **Levine AC***, Munyaneza RM, Mulindahabi E, Cockrell HC, Glavis-Bloom J, Nutt CT, Wagner CM, Gaju E, Rukundo A, Habimana JP, Karema C, Ngabo F, Binagwaho A. Nationwide implementation of integrated community case management of childhood illness in Rwanda. *Glob Health Sci Pract.* 2014 Aug 5;2(3):328-41. doi: 10.9745/GHSP-D-14-00080. eCollection 2014 Aug. PubMed PMID: 25276592; PubMed Central PMCID: PMC4168626. (* indicates co-first authors)
16. Jauregui J, Nelson D, Choo E, Stearns B, **Levine AC**, Liebmann O, Shah SP. The BUDDY (Bedside Ultrasound to Detect Dehydration in Youth) study. *Crit Ultrasound J.* 2014 Sep 10;6(1):15. doi: 10.1186/s13089-014-0015-z. eCollection 2014. PubMed PMID: 25411590; PubMed Central PMCID: PMC4233328.

17. **Levine AC**, Shetty PP, Henwood PC, Sabeti P, Katz JT, Vaidya A. Interactive medical case. A Liberian health care worker with fever. *N Engl J Med*. 2015 Jan 29;372(5):e7. doi: 10.1056/NEJMimc1414101. PubMed PMID: 25629759.
18. **Levine AC**, Shetty PP, Burbach R, Cheemalapati S, Glavis-Bloom J, Wiskel T, Kesselly JK. Derivation and Internal Validation of the Ebola Prediction Score for Risk Stratification of Patients With Suspected Ebola Virus Disease. *Ann Emerg Med*. 2015 Sep;66(3):285-293.e1. doi: 10.1016/j.annemergmed.2015.03.011. Epub 2015 Apr 3. PubMed PMID: 25845607.
19. Modi P, Nasrin S, Hawes M, Glavis-Bloom J, Alam NH, Hossain MI, **Levine AC**. Mid-upper Arm Circumference Outperforms Weight-Based Measures of Nutritional Status in Children with Diarrhea. *J Nutr*. 2015 Jul;145(7):1582-7. doi: 10.3945/jn.114.209718. Epub 2015 May 13. PubMed PMID: 25972523; PubMed Central PMCID: PMC4478950.
20. Pringle K, Mackey JM, Modi P, Janeway H, Romero T, Meynard F, Perez H, Herrera R, Bendana M, Labora A, Ruskis J, Foggie J, Partridge R, **Levine AC**. A short trauma course for physicians in a resource-limited setting: Is low-cost simulation effective? *Injury*. 2015 Sep;46(9):1796-800. doi: 10.1016/j.injury.2015.05.021. Epub 2015 May 18. PubMed PMID: 26073743.
21. George N, **Levine AC**. Ocular Chlamydia Trachoma. *CJEM*. 2016 Sep;18(5):401. doi: 10.1017/cem.2015.74. Epub 2015 Jul 3. PubMed PMID: 26140694.
22. **Levine AC**, Glavis-Bloom J, Modi P, Nasrin S, Rege S, Chu C, Schmid CH, Alam NH. Empirically Derived Dehydration Scoring and Decision Tree Models for Children With Diarrhea: Assessment and Internal Validation in a Prospective Cohort Study in Dhaka, Bangladesh. *Glob Health Sci Pract*. 2015 Aug 18;3(3):405-18. doi: 10.9745/GHSP-D-15-00097. PubMed PMID: 26374802; PubMed Central PMCID: PMC4570015.
23. Modi P, Glavis-Bloom J, Nasrin S, Guy A, Chowa EP, Dvor N, Dworkis DA, Oh M, Silvestri DM, Strasberg S, Rege S, Noble VE, Alam NH, **Levine AC**. Accuracy of Inferior Vena Cava Ultrasound for Predicting Dehydration in Children with Acute Diarrhea in Resource-Limited Settings. *PLoS One*. 2016 Jan 14;11(1):e0146859. doi: 10.1371/journal.pone.0146859. eCollection 2016. PubMed PMID: 26766306; PubMed Central PMCID: PMC4713074.
24. **Levine AC**, Glavis-Bloom J, Modi P, Nasrin S, Atika B, Rege S, Robertson S, Schmid CH, Alam NH. External validation of the DHAKA score and comparison with the current IMCI algorithm for the assessment of dehydration in children with diarrhoea: a prospective cohort study. *Lancet Glob Health*. 2016 Oct;4(10):e744-51. doi: 10.1016/S2214-109X(16)30150-4. Epub 2016 Aug 23. PubMed PMID: 27567350; PubMed Central PMCID: PMC5066390.
25. Steinhubl SR, Feye D, **Levine AC**, Conkright C, Wegerich SW, Conkright G. Validation of a portable, deployable system for continuous vital sign monitoring using a multiparametric wearable sensor and personalised analytics in an Ebola treatment centre. *BMJ Glob Health*. 2016 Jul 5;1(1):e000070. doi: 10.1136/bmjgh-2016-000070. eCollection 2016. PubMed PMID: 28588930; PubMed Central PMCID: PMC5321315.
26. Roshania R, Mallow M, Dunbar N, Mansary D, Shetty P, Lyon T, Pham K, Abad M, Shedd E, Tran AM, Cundy S, **Levine AC**. Successful Implementation of a Multicountry Clinical Surveillance and Data Collection System for Ebola Virus Disease in West Africa: Findings and Lessons Learned. *Glob Health Sci Pract*. 2016 Sep 29;4(3):394-409. doi: 10.9745/GHSP-D-16-00186. Print 2016 Sep 28. PubMed PMID: 27688716; PubMed Central PMCID: PMC5042696.
27. Kearney AS, Kabeja LM, George N, Karim N, Aluisio AR, Mutabazi Z, Uwitonze JE, Nyinawankusi JD, Byiringiro JC, **Levine AC**. Development of a trauma and emergency database in Kigali, Rwanda. *Afr J Emerg Med*. 2016 Dec;6(4):185-190. doi: 10.1016/j.afjem.2016.10.002. Epub 2016 Oct 28. PubMed PMID: 30456093; PubMed Central PMCID: PMC6234174.

28. Mbanjumucyo G, George N, Kearney A, Karim N, Aluisio AR, Mutabazi Z, Umuhire O, Enumah S, Scott JW, Uwitonze E, Nyinawankusi JD, Byiringiro JC, Kabagema I, Ntakiyiruta G, Jayaraman S, Riviello R, **Levine AC**. Epidemiology of injuries and outcomes among trauma patients receiving prehospital care at a tertiary teaching hospital in Kigali, Rwanda. *Afr J Emerg Med*. 2016 Dec;6(4):191-197. doi: 10.1016/j.afjem.2016.10.001. Epub 2016 Oct 28. PubMed PMID: 30456094; PubMed Central PMCID: PMC6234177.
29. Aluisio AR, Teicher C, Wiskel T, Guy A, **Levine A**. Focused Training for Humanitarian Responders in Regional Anesthesia Techniques for a Planned Randomized Controlled Trial in a Disaster Setting. *PLoS Curr*. 2016 Nov 16;8. pii: ecurrents.dis.e75f9f9d977ac8adededb381e3948a04. doi: 10.1371/currents.dis.e75f9f9d977ac8adededb381e3948a04. Erratum in: *PLoS Curr*. 2017 Feb 6;9:. PubMed PMID: 28018749; PubMed Central PMCID: PMC5145820.
30. Smit MA, Michelow IC, Glavis-Bloom J, Wolfman V, **Levine AC**. Characteristics and Outcomes of Pediatric Patients With Ebola Virus Disease Admitted to Treatment Units in Liberia and Sierra Leone: A Retrospective Cohort Study. *Clin Infect Dis*. 2017 Feb 1;64(3):243-249. doi: 10.1093/cid/ciw725. Epub 2016 Oct 25. PubMed PMID: 28011610; PubMed Central PMCID: PMC5241778.
31. Aluisio AR, Umuhire OF, Mbanjumucyo G, George N, Kearney A, Karim N, Nyinawankusi JD, Uwitonze E, Enumah S, Scott JW, Mutabazi Z, Ntakiyiruta G, Jayaraman S, Riviello R, Byiringiro JC, **Levine AC**. Epidemiologic Characteristics of Pediatric Trauma Patients Receiving Prehospital Care in Kigali, Rwanda. *Pediatr Emerg Care*. 2019 Sep;35(9):630-636. doi: 10.1097/PEC.0000000000001045. PubMed PMID: 28169980.
32. Waxman M, Aluisio AR, Rege S, **Levine AC**. Characteristics and survival of patients with Ebola virus infection, malaria, or both in Sierra Leone: a retrospective cohort study. *Lancet Infect Dis*. 2017 Jun;17(6):654-660. doi: 10.1016/S1473-3099(17)30112-3. Epub 2017 Mar 1. PubMed PMID: 28258817.
33. Henwood PC, Bebell LM, Roshania R, Wolfman V, Mallow M, Kalyanpur A, **Levine AC**. Ebola Virus Disease and Pregnancy: A Retrospective Cohort Study of Patients Managed at 5 Ebola Treatment Units in West Africa. *Clin Infect Dis*. 2017 Jul 15;65(2):292-299. doi: 10.1093/cid/cix290. PubMed PMID: 28379374; PubMed Central PMCID: PMC5850452.
34. Wanjiku G, Janeway H, Foggie J, Partridge R, Wang Y, Kearney A, **Levine AC**, Carter J, Tabu JS. Assessing the impact of an emergency trauma course for senior medical students in Kenya. *Afr J Emerg Med*. 2017 Dec;7(4):167-171. doi: 10.1016/j.afjem.2017.04.013. Epub 2017 May 25. PubMed PMID: 30456133; PubMed Central PMCID: PMC6234127.
35. Skrable K, Roshania R, Mallow M, Wolfman V, Siakor M, **Levine AC**. The natural history of acute Ebola Virus Disease among patients managed in five Ebola treatment units in West Africa: A retrospective cohort study. *PLoS Negl Trop Dis*. 2017 Jul 19;11(7):e0005700. doi: 10.1371/journal.pntd.0005700. eCollection 2017 Jul. PubMed PMID: 28723900; PubMed Central PMCID: PMC5536498.
36. Skrable K, Bilal S, Sharma R, Robertson S, Ashenafi Y, Nasrin S, Alam NH, **Levine AC**. The Effects of Malnutrition and Diarrhea Type on the Accuracy of Clinical Signs of Dehydration in Children under Five: A Prospective Cohort Study in Bangladesh. *Am J Trop Med Hyg*. 2017 Nov;97(5):1345-1354. doi: 10.4269/ajtmh.17-0277. PubMed PMID: 29140238; PubMed Central PMCID: PMC5817771.
37. Mackenzie DC, Nasrin S, Atika B, Modi P, Alam NH, **Levine AC**. Carotid Flow Time Test Performance for the Detection of Dehydration in Children With Diarrhea. *J Ultrasound Med*. 2018 Jun;37(6):1397-1402. doi: 10.1002/jum.14478. Epub 2017 Nov 9. PubMed PMID: 29119578.

38. Aluisio AR, Garbern S, Wiskel T, Mutabazi ZA, Umuhire O, Ch'ng CC, Rudd KE, D'Arc Nyinawankusi J, Byiringiro JC, **Levine AC**. Mortality outcomes based on ED qSOFA score and HIV status in a developing low income country. *Am J Emerg Med*. 2018 Nov;36(11):2010-2019. doi: 10.1016/j.ajem.2018.03.014. Epub 2018 Mar 10. PubMed PMID: 29576257.
39. Weissbecker I, Roshania R, Cavallera V, Mallow M, Leichner 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, Urayenzeza 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.eclinm.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, Umuhoza C, Sharma VK, Mackey J, Tang O, Martin KD, Twagirumukiza 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, Ntezirayayo 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/bmjilitary-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. Freedman SB, Roskind CG, Schuh S, VanBuren JM, Norris J, Tarr P, Hurley K, **Levine AC**, Rogers AJ, Bhatt S, Gouin S, Mahajan P, Vance C, Powell EC, Farion K, Sapien RE, O'Connell KJ, Poonai N, Schnadower D. Impact of Country of Care on Outcomes in Children Treated in Pediatric Emergency Departments with Acute Gastroenteritis: A Patient-Level Analysis. *Pediatrics*; 2021; (Accepted)
72. Karim N, Mumporeze L, Nsengimana VJP, Gray A, Kearney A, Aluisio AR, Mutabazi Z, Baird J, Lubetkin D, Scott J, Uwitonze JE; Nyinawankusi JD, Nkeshimana M, Byiringiro JC, **Levine AC**. Epidemiology of Patients with Head Injury at a Tertiary Hospital in Rwanda. *African Journal of Emergency Medicine*, 2021; (Accepted)
73. Barry MA, Qu K, Gainey M, Schmid CH, Garbern SC, Nasrin S, Nelson EJ, Alam NH, **Levine AC**. NIRUDAK Dehydration Score: A Scoring System to Predict Dehydration Severity in Patients over Five Years with Acute Diarrhea. *The American Journal of Tropical Medicine and Hygiene*, 2021; (Accepted)
74. Powell EC, Roskind CG, Schnadower D, Olson CS, Casper TC, Tarr P, O'Connell KJ, **Levine AC**, Poonai N, Schuh S, Rogers AJ, Bhatt S, Gouin S, Mahajan P, Vance C, Hurley K, Farion K, Sapien RE, Dean JM, Freedman SB. Oral Ondansetron Administration in Children Seeking Emergency Department Care for Acute Gastroenteritis: A Patient-Level Propensity Matched Analysis. *Annals of Emergency Medicine*, 2021; (Accepted)

OTHER PEER REVIEWED PUBLICATIONS

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**, 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.
3. **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.

4. **Levine AC.** World update. *Disaster Med Public Health Prep.* 2008 Mar;2(1):17-9. doi: 10.1097/DMP.0b013e318164d03b. PubMed PMID: 18388653.
5. **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.
6. 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.
7. **Levine AC.** Saving lives. *Ann Emerg Med.* 2010 Jul;56(1):69-70. doi: 10.1016/j.annemergmed.2009.12.024. PubMed PMID: 20620650.
8. **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.
9. 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.
10. 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.
11. 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.
12. 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.
13. 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>.
14. 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.
15. 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.
16. 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.
17. 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.
 18. **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.
 19. 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.
 20. 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.
 21. 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.
 22. 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.
 23. **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.
 24. 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.
 25. 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.
 26. **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.

27. **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.
28. 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.
29. 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.
30. 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.
31. 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.
32. 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.
33. 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.
34. 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, Dusabemambo V, Walker TD, Nkusi E, Bazzett-Matabele L, Butera A, Rugwizangoga B, Kabayiza JC, Kanyandekwe S, Kalisa L, Ntirenganya F, Dixon J, Rogo T, McCall N, Corden M, Wong R, Mukeshimana M, Gatarayihya 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.

35. 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.
36. 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.
37. 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.
38. 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.
39. Gaaney 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.
40. 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.
41. 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.
42. 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.
43. 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.
44. 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.
45. 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.
46. 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.

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.

NON-PEER REVIEWED PUBLICATIONS

1. **Levine AC**. "Code Blue: Racial Disparities in our Healthcare System." *Resident and Staff Physician* 2005; October.
2. **Levine AC**. "The Best of Global EM Research." *Emergency Physicians International* 2011; 5: 23-25.
3. **Levine AC**. "Trauma Care in the Arab Spring." *Emergency Physicians Monthly* 2011; 18(10): 42-7.
4. **Levine AC**. "Abstracts from Africa." *Emergency Physicians International* 2011; 6:14.
5. **Levine AC**. "Global Research Review." *Emergency Physicians International* 2012; 7:15.
6. **Levine AC**. "Global Research Review." *Emergency Physicians International* 2012; 8:22.
7. **Levine A**. "A funny thing happened on my way to South Sudan." *Emergency Physicians Monthly* 2012; 10: 20-21.
8. 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.
9. **Levine AC**. "A Global Passover Story." *Huffington Post World Page*, March 26, 2013.
10. **Levine AC**. "Humane Response: An Interdisciplinary Approach Could Improve Disaster Relief." *Brown Medicine* 2013; 19(2): 21-22.
11. **Levine AC**. "Working in the World's Cholera Hospital." *Huffington Post World Page*, May 9, 2013.
12. **Levine AC**. "The Chance to Save a Life." *Huffington Post World Page*, June 9, 2013.
13. **Levine AC**. "What Chemical Weapons Feel Like." *Huffington Post World Page*, September 8, 2013.
14. **Levine AC**. "Two Ways to Save Your Life Today." *Huffington Post World Page*, October 2, 2013.
15. **Levine AC**. "Crash Course." *Huffington Post World Page*, November 4, 2013.

16. **Levine AC.** "An ER Christmas Story." Huffington Post Impact Page, December 23, 2013.
17. **Levine AC.** "In the Time of Cholera." Huffington Post Blog, March 23, 2014.
18. **Levine AC.** "Stop Worrying About Ebola (And Start Worrying About What it Means)." Huffington World Post, August 15, 2014.
19. **Levine AC.** "Dispatch from Liberia: An Epidemic of Fear." Huffington Post Politics Page, September 1, 2014.
20. **Levine AC.** "Dispatch from Liberia: Ebola 101." Huffington World Post, September 9, 2014.
21. **Levine AC.** "Dispatch from Liberia: Ebola Rising." Huffington World Post, September 25, 2014.
22. **Levine AC.** "Dispatch from Liberia: No Condition is Permanent." Huffington World Post, September 29, 2014.
23. 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? *SAEM Newsletter*. 2014 Nov-Dec; 29(6):16-18.
24. **Levine AC.** "Free at Last! (But Not Forever)." Huffington World Post, May 8, 2015.
25. **Levine AC.** "A Humanitarian Solution to Europe's Political Problem." Huffington World Post, September 20, 2015.
26. **Levine AC.** "The RAPID Study: Research in Crisis." Research for Health in Humanitarian Crises Blog Post, July 10, 2016.
27. Nelson E, **Levine AC.** "Creating Excellence for All." Diarrhea Innovations Group Blog Post, September 14, 2017.
28. **Levine AC.** "I fought Ebola. Here's my advice for health workers fighting Covid-19." STAT, March 21, 2020.

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. (**Site Investigator**)

PUBLICATIONS SUBMITTED OR IN PREPARATION

1. **Levine AC**, 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, Bhatt S, Freedman SB for Pediatric Emergency Research Canada (PERC) and the Pediatric Emergency Care Applied Research Network (PECARN). Derivation and internal validation of the Pediatric Acute Gastroenteritis Risk (PAGER) score for predicting moderate-severe acute gastroenteritis in young children. *Journal of Pediatric Gastroenterology and Nutrition*, 2021;
2. Gonzalez Marques C, 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. Utilization of Peripheral Vasopressor Medications and Extravasation Events Among

Critically Ill Patients in Rwanda: A Prospective Cohort Study. African Journal of Emergency Medicine, 2021;

3. Abel L, Perera SM, Yam D, Garbern S, Kennedy SB, Massaquoi M, Sahr F, Woldemichael D, Liu T, **Levine AC**, Aluisio AR. Impact of Oral Antimalarial Medications on Mortality Among Patients with Ebola Virus Disease: A Multisite Cohort Study. BMC Infectious Disease, 2021;
4. 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. American Journal of Trop Med and Hygiene, 2021;
5. Lee JA; Qu K; Gainey M; Kanekar SS; Barry M; Nasrin S; Alam NH; Schmid CH; **Levine AC**. Continuous Diagnostic Models for Volume Deficit in Patients with Acute Diarrhea in Resource Limited Settings. J of Epidemiology and Global Health, 2021;

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, Garbern 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.

INVITED PRESENTATIONS

Local

1. The Warren Alpert Medical School of Brown University Emergency Medicine Interest Group. "Careers in Global Emergency Medicine." Providence, RI, 2011.
2. The Warren Alpert Medical School of Brown University Emergency Medicine Interest Group. "Careers in Global Emergency Medicine." Providence, RI, 2012.
3. The Warren Alpert Medical School of Brown University 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. The Warren Alpert Medical School of Brown University 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. The Warren Alpert Medical School of Brown University Global Health Lecture Series, "Learning from Ebola: Towards an Evidence-Based Humanitarian Response." Providence, RI, 2015.
8. The Warren Alpert Medical School of Brown University 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. The Warren Alpert Medical School of Brown University 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. The Warren Alpert Medical School of Brown. "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.

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.

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.

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.

GRANTS

Active

1. NIH National Institute of Diabetes and Digestive and Kidney Diseases 09/2018-06/2023
Development of a novel mobile health tool for age-specific dehydration assessment and management in patients with diarrheal disease
Grant Number: R01DK116163
Role: Principal Investigator \$2,809,435 total costs
2. United States Centers for Disease Control and Prevention 06/2017-06/2022
Global Emergency Response and Recovery Partner Engagement: Expanding Efforts and Strategies to Improve Rapid Response to Public Health Emergencies Globally

- Grant Number: NU2GGH002058
 Role: Principal Investigator \$3,821,055 total costs
3. 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
 4. US State Department Bureau of Population, Refugees, and Migration 09/2019-08/2021
 Civilian-Military Interaction in Conflicts: Best Practices and Perceptions
 Grant Number: SAPP0048493
 Role: Principal Investigator \$299,978 total costs
 5. Project HOPE, the People-to-People Health Foundation, Inc. 04/2020-09/2020
 Global Training of the Trainers for COVID-19 Preparedness and Response
 Role: Project Director \$303,670 total costs
 6. United States Department of Defense 06/2020-05/2021
 Convalescent Plasma Randomized Clinical Trials for Early COVID-19 Treatment are Foundational
 for Subsequent Hyperimmune Globulin and Vaccines (PI: Sullivan)
 Grant Number: W911QY2090012
 Role: Site-Principal Investigator \$1,638,536 total subaward costs
 7. 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
 8. 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

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

9. 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
10. International Medical Corps 05/2015-12/2016
 Ebola Research Collaborative
 Role: Principal Investigator \$398,064 total costs
11. 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
12. 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
13. 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
14. 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
15. 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

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: The Burden of Disease in Developing Countries, “Complex Humanitarian Emergencies.” Brown University School of Public Health, Providence, RI, Annually 2014-present, average class size: 50

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

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

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

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

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

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

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

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

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

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

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

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

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

Course Lecturer, IAPA 1803: Humanitarian Response in Modern Conflict, "Complex Humanitarian Emergencies." Brown University, 2020, class size: 30

Course Lecturer, POLS 0400: Introduction to International Relations, "Complex Humanitarian Emergencies." Brown University, 2021, class size: 114

HOSPITAL TEACHING ROLES

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

Lecturer, Global Emergency Medicine Fellowship Educational Curriculum, Department of Emergency Medicine, Rhode Island Hospital, 2018-present, average class size: 3

Lecturer, Research Curriculum, Department of Emergency Medicine, "Predictive Modeling." Rhode Island Hospital, Annually 2018-present, average class size: 12

Lecturer, Fellow Career Development Course, Department of Emergency Medicine, "From Seed Grants to K Awards." Rhode Island Hospital, Annually 2018-present, average class size: 12

ADVISING AND MENTORING

Faculty Mentor, Rhode Island Hospital Emergency Medicine Residency Program, Providence, RI, 2010-2013; Mentee: Kimberly Pringle, MD (Resulting Publications: 2, Abstracts: 2).

Faculty Mentor, Rhode Island Hospital Emergency Medicine Residency Program, Providence, RI, 2011-2014; Mentee: Payal Modi, MD (Resulting Publications: 10, Abstracts: 4).

Faculty Mentor, Rhode Island Hospital Emergency Medicine Residency Program, Providence, RI, 2011-2014; Mentee: Joy, MD (Resulting Publications: 3, Abstracts: 2).

Thesis Advisor, Brown University, Providence, RI, 2011-2013; Student: Hannah, AB '13 (Resulting Publications: 4, Abstracts: 2).

Faculty Mentor, Rhode Island Hospital Emergency Medicine Residency Program, Providence, RI, 2012-2016; Mentee: Naomi George, MD (Resulting Publications: 5).

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).

Faculty Mentor, Brown University, Providence, RI, 2013-2014; Student: Margaret Smith, AB '14.

Independent Study Advisor, Brown University, Providence, RI, 2013-2014; Student: Marissa Reitsma, AB '14.

Independent Study Advisor, Brown University, Providence, RI, 2013-2014; Student: Angela Ramponi, AB '14.

Faculty Mentor, Brown University, Providence, RI, 2014-2016; Student: Soham, ScB '16 (Resulting Publications: 5, Abstracts: 2).

Faculty Mentor, Rhode Island Hospital Emergency Medicine Residency Program, Providence, RI, 2014-2017; Mentee: Tess Wiskel, MD (Resulting Publications: 4, Abstracts 1).

Faculty Mentor, Rhode Island Hospital Global Emergency Medicine Fellowship Program, Providence, RI, 2014-2016; Mentee: Naz, MD (Resulting Publications: 4, Abstracts: 2).

Graduate Research Fellowship Supervisor, Brown University, Providence, RI, 2015; Student: Laurie Hadad, La Sorbonne MA '15.

Faculty Mentor, The Warren Alpert Medical School of Brown University, Providence, RI, 2014-2015; Student: Christopher Lam, AB '14, MD '18 (Resulting Publications: 2).

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).

Thesis Reader, Department of Biostatistics, Brown University School of Public Health, Providence, RI, 2015-2016; Student: Sarah Robertson, ScM '16 (Resulting Publications: 4).

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).

Faculty Mentor, Brown University, Providence, RI, 2015-2017; Student: Julia Chang, AB '18, MD '22 (Resulting Publications: 2).

Faculty Mentor, Rhode Island Hospital Global Emergency Medicine Fellowship Program, Providence, RI, 2015-2017; Mentee: Adam Aluisio, MD (Resulting Publications: 18, Abstracts: 6).

Faculty Mentor, Brown University, Providence, RI, 2016-2018; Student: Timothy Jeng, AB '18 (Resulting Publications: 1).

Thesis Advisor, Brown University, Providence, RI, 2016-2018; Student: Yokabed Ashenafi, AB '18 (Resulting Publications: 2).

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).

Faculty Mentor, Brown University School of Public Health, Providence, RI, 2016-2018; Student: Sara Long, MPH '18 (Resulting Publications: 1).

Faculty Mentor, Rhode Island Hospital Global Emergency Medicine Fellowship Program, Providence, RI, 2016-2018; Mentee: Saadiyah Bilal, MD (Resulting Publications: 2).

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).

Faculty Mentor, Brown University, Providence, RI, 2017-2018; Student: Grace Monk, AB '18 (Resulting Publications: 1).

Faculty Mentor, Department of Emergency Medicine Tina and Richard V. Carolan Rwanda Research Fellowship, 2018-2019; Student: Vinay Sharma, Michigan State University MD '19.

Faculty Mentor, Rhode Island Hospital Global Emergency Medicine Fellowship Program, Providence, RI, 2017-2019; Mentee: Kyle Martin, MD.

Faculty Mentor, Rhode Island Hospital Global Emergency Medicine Fellowship Program, Providence, RI, 2017-2019; Mentee: Stephanie Chow Garbern, MD (Resulting Publications: 6, Abstracts: 5).

Thesis Advisor, Brown University School of Public Health, Providence, RI, 2017-2019; Student: Nour Audi (MPH '19).

Faculty Mentor, The Warren Alpert Medical School of Brown University, Providence, RI, 2017-2019; Student: Lars Meisner, MD '20 (Resulting Publications: 1).

Faculty Mentor, The Warren Alpert Medical School of Brown University, Providence, RI, 2017-2019; Student: Evan Stern, AB '16, MD '20.

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).

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).

Faculty Mentor, Rhode Island Hospital Emergency Medicine Residency Program, Providence, RI, 2017-current; Mentee: Meagan Barry, MD, PhD (Resulting Publications: 4, Abstracts: 1).

Faculty Mentor, Brown University, Providence, RI, 2017-2019; Student: Daniel Cho, AB '19, MD '23 (Resulting Publications: 6, Abstracts: 4).

Thesis Advisor, Emerging Infectious Disease Scholars Program, The Warren Alpert Medical School of Brown University, Providence, RI, 2017-current; Student: Daniel Olivieri, MD/MPA '22 (Resulting Publications: 1).

Faculty Mentor, Rhode Island Hospital Global Emergency Medicine Fellowship Program, Providence, RI, 2018-current; Mentee: Catalina Gonzalez Marques, MD (Resulting Publications: 1).

Faculty Mentor, Rhode Island Hospital Global Emergency Medicine Fellowship Program, Providence, RI, 2018-current; Mentee: Katelyn Moretti, MD. (Resulting Publications: 1).

Faculty Mentor, Brown University, Providence, RI, 2018-current; Student: Huy Nguyen, AB '19 (Resulting Publications: 1).

Faculty Mentor, Brown University, Providence, RI, 2019-2020; Student: Nidhi Bhaskar, AB '21, MD '25.

Faculty Mentor, Department of Biostatistics, Brown University School of Public Health, Providence, RI, 2019-current; Student: Kexin Qu, PhD '22.

Faculty Mentor, Brown University, Providence, RI, 2019-current; Student: Gabriela Gil, AB '20. (Resulting Publications: 1).

Faculty Mentor, Rhode Island Hospital Emergency Medicine Residency Program, Providence, RI, 2020-current; Mentee: Courtney Pedersen, MD, MPH.

