

July 15, 2016

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

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EDUCATION

Undergraduate	University of Southern California Creative Writing Aug 1996 to May 2000 Bachelors of Arts, 2000
	University of Southern California Biomedical Engineering Aug 1996 to May 2000 Bachelors of Science, 2000
Medical School	University of California, San Francisco School of Medicine Aug 2000 to Dec 2004 Doctor of Medicine, 2004
Other Degrees	University of California, Berkeley Aug 2003 to May 2004 Master of Public Health (International Health), 2004
	Jamkhed International Institute for Training and Research May 2003 to Aug 2003 Certificate in Community Based Health & Development, 2003
	Harvard Humanitarian Studies Course May 2007 to May 2009 Certificate in Humanitarian Studies and Field Practice, 2009

POSTGRADUATE TRAINING

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

2008	Maryanne Povinelli Humanism Award
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2009	BWH/MGH Harvard Affiliated Emergency Medicine Residency Golden Probe Award for Best Resident Ultrasonographer
2012	BWH/MGH Harvard Affiliated Emergency Medicine Residency Humanitarian Service Award
2012	Society for Academic Emergency Medicine Global Emergency Medicine Academy Dean's Excellence in Teaching Award
2012	Brown University Alpert Medical School Exemplary Service Award,
2013	Department of Emergency Medicine, Brown University Alpert Medical School Community Service Award
2015	American Medical Association Young Physicians Section Rhode Islander of the Year, Rhode Island Monthly Magazine
2016	Nathan Davis International Award in Medicine, American Medical Association Foundation

PROFESSIONAL LICENSES AND CERTIFICATION

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

ACADEMIC APPOINTMENTS

2009-2016	Assistant Professor, Department of Emergency Medicine Brown University Alpert Medical School Providence, Rhode Island
2009-	Associate Faculty Harvard Humanitarian Initiative Cambridge, Massachusetts
2010-	Affiliate Faculty Lifespan Center for International Health Research Providence, Rhode Island
2011-	Associate Physician, Division of Global Health Equity Brigham and Women's Hospital, Harvard Medical School Boston, Massachusetts
2012-	Program Director, Global Emergency Medicine Fellowship Brown University Alpert Medical School Providence, Rhode Island
2013-	Co-Convener, Brown International Advanced Research Institute (BIARI) Brown University Watson Institute for International and Public Affairs Providence, Rhode Island
2016-	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- Director, Humanitarian Innovation Initiative
Brown University Watson Institute for International and Public Affairs

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

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

OTHER APPOINTMENTS

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

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

2008-2010 External Reviewer, International Journal of Emergency Medicine (IJEM)

2009-2012 External Reviewer, Disaster Medicine and Public Health Preparedness

2009-2014 Clinical Advisor for Emergency and Trauma Care
Partners In Health - Rwanda
Kigali, Rwanda

2009 Emergency Health Consultant
Asian University for Women,
Chittagong, Bangladesh

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

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 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)

2011- External Reviewer, African Journal of Emergency Medicine

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

2012 External Reviewer, Cincinnati Children's Hospital Evidence Based Guidelines

2012- Emergency Medicine Program Coordinator
Human Resources for Health Program, Rwanda Ministry of Health
Kigali, Rwanda

2014- External Reviewer, Pediatrics Journal

2014 Emergency Medical Coordinator, International Medical Corps
Bong County Ebola Treatment Unit

Bong County, Liberia

- 2015- Primary Investigator, Ebola Research Team
International Medical Corps
Washington, DC
- 2015- External Reviewer, Annals of Emergency Medicine
- 2015- External Reviewer, PLOS ONE
- 2016 External Reviewer, Bulletin of the World Health Organization

UNIVERSITY COMMITTEES

- 1998-1999 Student Member, Board of Trustees
University of Southern California
- 2005 Medical Student Representative, International Programs Advisory Committee
University of California, San Francisco School of Medicine
- 2009- Faculty Member, Division of Global Emergency Medicine
Department of Emergency Medicine
Brown University Alpert Medical School
- 2009- Faculty Member, Research Committee
Department of Emergency Medicine
Brown University Alpert Medical School
- 2015- Faculty Member, Education Section
Department of Emergency Medicine
Brown University Alpert Medical School
- 2015- Co-Chair, Displaced Scholars Response Committee
Office of the Provost
Brown University

MEMBERSHIP IN SOCIETIES

American College of Emergency Physicians (ACEP):

- 2005- Member, International Section
- 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
- 2014-2015 SAEM Liaison, ACEP International Section Research and Grants Committee

Society for Academic Emergency Medicine (SAEM)

- 2005-2011 Member, International Interest Group
- 2011- Member, Global Emergency Medicine Academy
- 2011-2012 Member, Media and Communications Committee, Global Emergency Medicine Academy
- 2012-2015 Vice-President, Global Emergency Medicine Academy
- 2014-2015 Chair, International Emergency Medicine Fellowship Consortium

Emergency Medicine Residents Association (EMRA):

2005-2006 Member, International Emergency Medicine Committee
2006-2007 Vice-Chair, International Emergency Medicine Committee
2007-2008 Chair, International Emergency Medicine Committee

American Medical Association (AMA):

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
2006-2007 Member, Long Range Planning Committee, AMA Resident and Fellows Section
2007-2008 Member, Committee on Medical Education, AMA Resident and Fellows Section
2011-2013 Chair, Advisory Committee to the AMA Board of Trustees on GLBT Issues

American Public Health Association (APHA):

2003- Member, International Health Section

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." *Prehospital and Disaster Medicine* 2007; 22(5):481-4.
2. **Levine AC**, Marsh R, Nelson S, Chapman J, Tyer-Viola L, Burke TF. "Measuring Access to Emergency Obstetric Care in Rural Zambia." *International Journal of Emergency Medicine* 2008; 1(2):113-9.
3. VanRooyen MJ, Leaning J, Johnson K, Hirschfeld K, Tuller D, **Levine AC**, Hefferman J. "Employment of a livelihoods analysis to define genocide in the Darfur region of Sudan." *J Genocide Res* 2008; 10:343–358. doi: 10.1080/14623520802305727.
4. Baugh CW, **Levine AC**, Pallin DJ. "Heart Block and Nonocclusive Mesenteric Ischemia." *International Journal of Emergency Medicine* 2009; 2:171-172.
5. Kasivisvanathan V, **Levine AC**, Kasivisvanathan R, Brown D. "Case Records of the Harvard Affiliated Emergency Medicine Residencies: Dyspnea and Multiple Pulmonary Nodules." *Journal of Emergency Medicine* 2009; 37(3): 300-4.
6. Marsh R, **Levine AC**, Noble VE. "Case Records of the Harvard Affiliated Emergency Medicine Residencies: Blunt Cardiac Rupture." *Journal of Emergency Medicine* 2010; May 1.
7. **Levine AC**, Shah SP, Umulisa I, Munyaneza RB, Dushimiyimana JM, Stegmann K, Musavuli J, Ngabitsinze P, Stulac S, Epino H, Noble VE. "Ultrasound Assessment of Severe Dehydration in Children with Diarrhea and Vomiting." *Academic Emergency Medicine* 2010; 17(10): 1035-41.
8. Pringle K, Shah SP, Umulisa I, 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." *International Journal of Emergency Medicine* 2011; 4:58.
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.
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.” *Prehospital and Disaster Medicine* 2013; Apr;28(2):155-62.

11. Modi P, Munyaneza RBM, 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.” *Journal of Emergency Medicine* 2013; 45(5): 752-60.
12. **Levine AC**, Munyaneza RM, Glavis-Bloom J, Redditt V, Cockrell HC, Kalimba B, Kabemba V, Musavuli J, Gakwerere M, Umurungi J, Shah SP, Drobac PC. “Prediction of Severe Disease in Children with Diarrhea in a Resource-Limited Setting.” *PLoS ONE* 2013; 8(12): e82386. doi:10.1371/journal.pone.0082386
13. Jacquet GA, Hansoti B, **Levine AC**, Martin IBK. “Career Paths and Practice Patterns of Global Emergency Medicine Physicians: A Cross-Sectional Survey.” *Journal of Emergency Medicine* 2014; pii: S0736-4679(14)00150-4. doi: 10.1016/j.jemermed.2014.01.029.
14. Jauregui J, Nelson D, Choo E, Stearn B, **Levine AC**, Liebmann O, Shah SP. “External Validation and Comparison of Three Pediatric Clinical Dehydration Scales.” *PLoS ONE* 2014; 9(5):e95739. doi: 10.1371/journal.pone.0095739.
15. Mugeni C* and **Levine AC***, Munyaneza RM, Murindahabi 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; 2(3):328-341. doi: 10.9745/GHSP-D-14-00080 (* indicates co-first authors)
16. Jauregui J, Nelson D, Choo E, Stearn B, **Levine AC**, Liebmann O, Shah SP. “The BUDDY (Bedside Ultrasound to Detect Dehydration in Youth) Study.” *Critical Ultrasound Journal* 2014; 6(15). <http://www.criticalultrasoundjournal.com/content/6/1/15>.
17. **Levine AC**, Shetty PP, Henwood PC, Sabeti P, Katz JT, Vaidya A. “A Liberian Health Care Worker with Fever.” *N Engl J Med* 2015; 372:e7. doi: 10.1056/NEJMimc1414101
18. **Levine AC**, Shetty PP, Burbach R, Cheemalapati S, Glavis-Bloom J, Wiskel T, Kesselly JKT. “Derivation and internal validation of the Ebola Prediction Score for risk stratification of patients with suspected Ebola Virus Disease.” *Annals of Emergency Medicine*, 2015; 66(3): 285-93. doi: 10.1016/j.annemergmed.2015.03.011.
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. pii: jn209718. doi: 10.3945/jn.114.209718.
20. Pringle K, Mackey JM, Modi P, Janeway H, Romero T, Meynard F, Perez H, Herrera R, Bendana M, Labora A, Foggie J, Partridge R, **Levine AC**. “A short trauma course for physicians in a resource-limited setting: is low-cost simulation effective?” *Injury*, 2015. doi: 10.1016/j.injury.2015.05.021.
21. George N, **Levine AC**. “Ocular Chlamydia Trachoma.” *Canadian Journal of Emergency Medicine*, 2015 July 3:1.
22. **Levine AC**, Glavis-Bloom J, Modi P, Nasrin S, Rege S, Chu C, Schmid CH, Alam NH. “Derivation of the DHAKA Score and DHAKA Tree for predicting dehydration severity in children with diarrhea.” *Glob Health Sci Pract* 2015; doi: 10.9745/GHSP-D-15-00097.
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 11(1): e0146859. doi: 10.1371/journal.pone.0146859

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 to the current IMCI algorithm for the assessment of dehydration in children with diarrhoea.” *Lancet Global Health*, 2016.
25. Steinhubl SR, Faye D, **Levine AC**, Conkright C, Wegerich SW, Conkright G. “Validation of a Portable, Deployable System for Continuous Vital Sign Monitoring Using a Multi-Parametric Wearable Sensor and Personalized Analytics in an Ebola Treatment Center.” *BMJ Global Health*, 2016.
26. Kearney AS and 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.” *African Journal of Emergency Medicine*, 2016. (Accepted)
27. George N, Mbanjumucyo G, Kearney A, Karim N, Aluisio AR, Mutabazi Z, Umuhire O, Enumah S, Byiringiro JC, **Levine AC**. “Epidemiology of Injuries and Outcomes Among Trauma Patients Receiving Prehospital Care at A Tertiary Teaching Hospital in Kigali, Rwanda.” *African Journal of Emergency Medicine*, 2016. (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.” *Academic Emergency Medicine* 2007; 14(2):182-3.
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.” *Academic Emergency Medicine* 2007; 14(12):1190-3.
4. **Levine AC**, Becker J, Lippert S, Rosborough S, Arnold K on behalf of the EMRA International Emergency Medicine Literature Review Group. “International Emergency Medicine: A Review of the Literature from 2007.” *Academic Emergency Medicine* 2008; 15:860-5.
5. Lippert S, **Levine AC**, Becker J, Foran M, Rosborough S, Arnold K on behalf of the International Emergency Medicine Literature Review Group. “International Emergency Medicine: A Review of the Literature from 2008.” *Academic Emergency Medicine* 2009; 16(12): 1335-40.
6. **Levine AC**, Adusumilli J, Landrigan CP. “Effects of Reducing or Eliminating Resident Work Shifts over 16 Hours: A Systematic Review.” *Sleep*, 2010; 33(8):1043-53.
7. Foran M, **Levine AC**, Lippert S, Chan J, Aschkenasy M, Arnold K, Rosborough S, on behalf of the International Emergency Medicine Literature Review Group. “International Emergency Medicine: A Review of the Literature from 2009.” *Academic Emergency Medicine* 2011; 18:86–92.
8. Aschkenasy M, Arnold K, Foran M, Lippert S, Schroeder ED, Bertsch K, **Levine AC**, on behalf of the International Emergency Medicine Literature Review Group. “International Emergency Medicine: A Review of the Literature from 2010.” *Academic Emergency Medicine* 2011; 18:872–879.
9. Sippel S, Muruganandan KM, **Levine AC**, Shah S. “Review Article: Use of ultrasound in the developing world.” *International Journal of Emergency Medicine* 2011; 4:72.

10. Schroeder ED, Jacquet G, Becker TK, Foran M, Goldberg E, Aschkenasy M, Bertsch K, **Levine AC** on behalf of the Global Emergency Medicine Literature Review Group. "Global Emergency Medicine: A Review of the Literature From 2011." *Academic Emergency Medicine* 2012 Oct;19(10):1196-1203.
11. 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>.
12. Jacquet G, Becker TK, Foran M, Goldberg E, Duber H, Schroeder ED, Bartels S, Cockrell H, **Levine AC** on behalf of the Global Emergency Medicine Literature Review Group. "Global Emergency Medicine: A Review of the Literature From 2012." *Academic Emergency Medicine* 2013; 20:835–43.
13. Runyon M, Sawe H, **Levine AC**, Pousson A, House D, Agrawal P, Osei-Ampofo M, Weiner S, Douglass K. "Clinical and Translational Research in Global Health & Emergency Care: A Research Agenda." *Academic Emergency Medicine* 2013; 20:1272–1277.
14. Martin I, Jacquet G, **Levine AC**, Douglass K, Pousson A, Dunlop S, Khanna K, Bentley S. "Global Health and Emergency Care: A Post-Graduate Medical Education Consensus-Based Research Agenda." *Academic Emergency Medicine* 2013; 20:1233–1240.
15. Martin I, **Levine AC**, Kayden S, Hauswald M. "More than just a hobby: Building an academic career in Global Emergency Medicine." *Journal of Emergency Medicine* 2014; pii: S0736-4679(13)01450-9. doi: 10.1016/j.jemermed.2013.11.123.
16. Becker TK, Jacquet GA, Marsh R, Schroeder ED, Foran M, Bartels S, Duber H, Cockrell H, **Levine AC**, on behalf of the Global Emergency Medicine Literature Review Group. "Global Emergency Medicine: A Review of the Literature From 2013." *Academic Emergency Medicine* 2014; 21(7): 810-17. doi: 10.1111/acem.12414.
17. Venkat A, Wolf L, Geiderman JM, Asher SL, Marco CA, McGreevy J, Derse AR, Otten EJ, Jesus JE, Kreitzer NP, **Levine AC** on behalf of the American College of Emergency Physicians, the Emergency Nurses Association and the 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; 41(2): e5-16. doi: 10.1016/j.jen.2015.01.012.
18. Venkat A, Wolf L, Geiderman JM, Asher SL, Marco CA, McGreevy J, Derse AR, Otten EJ, Jesus JE, Kreitzer NP, **Levine AC** on behalf of the American College of Emergency Physicians, the Emergency Nurses Association and the 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." *Academic Emergency Medicine*, 2015; doi: 10.1111/acem.12642.
19. Becker TK, Bartels S, Hansoti B, Jacquet GA, Lunney K, Marsh R, Osei-Ampofo M, Lam C, **Levine AC**, on behalf of the Global Emergency Medicine Literature Review Group. "Global Emergency Medicine: A Review of the Literature From 2014." *Academic Emergency Medicine* 2015; doi: 10.1111/acem.12733.
20. **Levine AC**. "Academics are from Mars, humanitarians are from Venus: Finding common ground to improve research during humanitarian emergencies." *Clinical Trials*, 2016; doi: 10.1177/1740774515617935.
21. Becker TK, Hansoti B, Bartels S, Bisanzo M, Jacquet GA, Lunney K, Marsh R, Osei-Ampofo M, Trehan I, Lam C, **Levine AC**, on behalf of the Global Emergency Medicine Literature Review (GEMLR) Group. "Global Emergency Medicine: A Review of the Literature From 2015." *Acad Emerg Med* 2016. doi: 10.1111/acem.12999.

BOOKS AND BOOK CHAPTERS

1. **Levine AC**, Santucci KA. Pediatric Gastroenteritis. Medscape Reference. Updated October 02, 2014. Available at: <http://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.

OTHER NON-PEER REVIEWED PUBLICATIONS

1. **Levine AC**. "Code Blue: Racial Disparities in our Healthcare System." Resident and Staff Physician 2005; October.
2. **Levine AC**. "World Update." Disaster Medicine and Public Health Preparedness 2008; 2: 17-19.
3. **Levine AC**. "Saving Lives." Annals of Emergency Medicine 2010; 56:69-70.
4. **Levine AC**. "The Best of Global EM Research." Emergency Physicians International 2011; 5: 23-25.
5. **Levine AC**. "Trauma Care in the Arab Spring." Emergency Physicians Monthly 2011; 18(10): 42-7.
6. **Levine AC**. "Abstracts from Africa." Emergency Physicians International 2011; 6:14.
7. **Levine AC**. "Global Research Review." Emergency Physicians International 2012; 7:15.
8. **Levine AC**. "Global Research Review." Emergency Physicians International 2012; 8:22.
9. Jacquet G, **Levine AC**, Bruijns S, Wallis L. "The Global Emergency Medicine Literature Review, Tanzania and adopting delegates." African Journal of Emergency Medicine 2012; <http://dx.doi.org/10.1016/j.afjem.2012.08.002>
10. **Levine A**. "A funny thing happened on my way to South Sudan." Emergency Physicians Monthly 2012; 10: 20-21.
11. 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.
12. **Levine AC**. "A Global Passover Story." Huffington Post World Page, March 26, 2013.
13. **Levine AC**. "Humane Response: An Interdisciplinary Approach Could Improve Disaster Relief." Brown Medicine 2013; 19(2): 21-22.
14. **Levine AC**. "Working in the World's Cholera Hospital." Huffington Post World Page, May 9, 2013.
15. **Levine AC**. "The Chance to Save a Life." Huffington Post World Page, June 9, 2013.
16. **Levine AC**. "What Chemical Weapons Feel Like." Huffington Post World Page, September 8, 2013.

17. **Levine AC.** "Two Ways to Save Your Life Today." Huffington Post World Page, October 2, 2013.
18. **Levine AC.** "Crash Course." Huffington Post World Page, November 4, 2013.
19. **Levine AC.** "An ER Christmas Story." Huffington Post Impact Page, December 23, 2013.
20. **Levine AC.** "In the Time of Cholera." Huffington Post Blog, March 23, 2014.
21. **Levine AC.** "Heads You Live, Tails You Don't." *Annals of Emergency Medicine* 2014; 63(5): 646-7.
22. **Levine AC.** "Stop Worrying About Ebola (And Start Worrying About What it Means)." Huffington World Post, August 15, 2014.
23. **Levine AC.** "Dispatch from Liberia: An Epidemic of Fear." Huffington Post Politics Page, September 1, 2014.
24. **Levine AC.** "Dispatch from Liberia: Ebola 101." Huffington World Post, September 9, 2014.
25. **Levine AC.** "Dispatch from Liberia: Ebola Rising." Huffington World Post, September 25, 2014.
26. **Levine AC.** "Dispatch from Liberia: No Condition is Permanent." Huffington World Post, September 29, 2014.
27. 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.
28. **Levine AC.** "Free at Last! (But Not Forever)." Huffington World Post, May 8, 2015.
29. **Levine AC.** "A Humanitarian Solution to Europe's Political Problem." Huffington World Post, September 20, 2015.

PUBLICATIONS SUBMITTED OR IN PREPARATION

1. 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."
2. 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: Lessons from the field."

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.

INVITED PRESENTATIONS

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.

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. 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.
22. Society for Academic Emergency Medicine Annual Meeting Didactic Presentation. "So you Want to Be a Global Health Researcher?" New Orleans, LA, 2016.

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

GRANTS

Active

1. United States Centers for Disease Control and Prevention 05/2012-07/2019
Rwanda Human Resources for Health Program
Role: Site Program Director \$1,468,841 total subcontract
2. NIH Fogarty International Center 09/2012-06/2018
Assessment of Dehydration in Children with Diarrhea in Resource-Limited Settings
Grant Number: K01 TW009208-01A1
Role: Principal Investigator \$619,450 total direct costs
3. NIH National Institute of Child Health and Development 08/2013-07/2018
Impact of Emergency Department Probiotic Treatment of Pediatric Gastroenteritis
Grant Number: R01 HD071915-01A1
Role: Site PI / Co-Investigator \$67,730 total subcontract
4. 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 direct costs

5. International Medical Corps 05/2015-06/2016
Ebola Research Collaborative
Role: Principal Investigator \$398,064 total direct 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 direct 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 direct 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 direct 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 direct costs

UNIVERSITY TEACHING ROLES

Undergraduates

- 2010 Brown University SCRUBS Course (INTR 0001 (CRN 26118))
"Clinical Research in the Developing World"
1-hour lecture – 15 students in attendance
- 2011 Brown University PHP 1520: Emergency Medical Systems: A Critical Analysis of Performance
"Policy and Politics in Emergency Medicine"
1-hour lecture – 100 students in attendance
- 2011 Brown University PHP 1070: The Burden of Disease in Developing Countries
"Diarrhea and Acute Respiratory Infections"
90-minute lecture – 75 students in attendance
- 2012 Brown University PHP 1520: Emergency Medical Systems: A Critical Analysis of Performance
"Complex Humanitarian Emergencies: Libya Case Study"
1-hour lecture – 100 students in attendance
- 2012 Brown University PHP 1520: Emergency Medical Systems: A Critical Analysis of Performance
"Policy and Politics in Emergency Medicine"
1-hour lecture – 100 students in attendance
- 2012 Brown University PHP 1680K: Introduction to Conducting Clinical Research
"Clinical Research in Resource Limited Settings"

- 1-hour lecture – 18 students in attendance
- 2012 Brown University PHP 1070: The Burden of Disease in Developing Countries
“Diarrhea and Acute Respiratory Infections”
90-minute lecture – 80 students in attendance
- 2013 Brown University PHP 1680K: Introduction to Conducting Clinical Research
“Clinical Research in Community and International Settings”
2-hour lecture – 20 students in attendance
- 2013 Brown University PHP 1070: The Burden of Disease in Developing Countries
“Integrated Management of Childhood Illness”
90-minute lecture – 65 students in attendance
- 2014 Brown University IR 1802M: Rwanda Past and Present
“Human Resources for Health in Rwanda”
60-minute lecture – 12 students in attendance
- 2014 Brown University PHP 1680K: Introduction to Conducting Clinical Research
“Clinical Research in Community and International Settings”
2-hour lecture – 22 students in attendance
- 2014 Brown University PHP 1070: The Burden of Disease in Developing Countries
“Complex Humanitarian Emergencies”
90-minute lecture – 65 students in attendance
- 2014 Panel Discussion: Political, Cultural and Epidemiological Aspects of the Ebola Outbreak
“Ebola Rising: Impact of Ebola Virus Disease and Strategies for Outbreak Response”
15-minute presentation – 80 students and faculty in attendance
- 2014 POLS1822T: The Politics of Health in the Global South
“The Ethics and Logistics of Health Policy Research During Crises”
90-minute presentation – 20 students in attendance
- 2015 Brown University PHP 1680K: Introduction to Conducting Clinical Research
“Clinical Research in Resource-Limited Settings and Humanitarian Emergencies”
2-hour lecture – 19 students in attendance
- 2015 PHP 0320: Introduction to Public Health
“Ending Ebola: Strategies for Combatting an Epidemic”
1-hour lecture – 120 students in attendance
- 2015 Brown University PHP 1070: The Burden of Disease in Developing Countries
“Complex Humanitarian Emergencies”
90-minute lecture – 50 students in attendance
- 2016 Brown University DEVS 1802S: Human Security and Humanitarian Response
Directed Spring Semester Seminar Course
16 classes – 20 students
- 2016 Brown University PHP 1520: Emergency Medical Systems: A Critical Analysis of Performance
“Complex Humanitarian Emergencies”
1.5-hour lecture – 65 students in attendance

Medical Students

- 2009-2013 Brown University Alpert Medical School
Doctoring Program Mentor
- 2010 Brown University Alpert Medical School
Healing Medicine: A Workshop Exploring Literature, Humanities and the Art of Practicing
of Medicine (Biol 3710-O)
Weekly 2-hour workshops for 8 weeks – 15 students
- 2010 Brown University Alpert Medical School Wilderness Medicine Elective
“International Emergency Medicine”
1-hour lecture – 30 students in attendance
- 2011 Brown University Alpert Medical School
“Advanced Cardiac Life Support”
16 hour course – 94 students in attendance
- 2011 Brown University Alpert Medical School Emergency Medicine Interest Group
“Careers in Global Emergency Medicine”
1-hour discussion – 35 students in attendance
- 2011 Brown University Alpert Medical School Wilderness Medicine Elective
“Global Emergency Medicine”
90-minute lecture – 20 students in attendance
- 2011 Brown University Alpert Medical School Global Health Concentration
“Global Health Faculty Panel”
1-hour panel discussion – 30 students in attendance
- 2012 Brown University Alpert Medical School Wilderness Medicine Course
“International Emergency Medicine Case Conference”
1-hour lecture – 10 students in attendance
- 2012 Brown University Alpert Medical School Physicians for Human Rights Chapter
“Libya Case Study”
1-hour lecture – 30 students in attendance
- 2012 Brown University Alpert Medical School Emergency Medicine Interest Group and
International Interest Group
“Careers in Global Emergency Medicine”
1-hour discussion – 80 students in attendance
- 2013 Brown University Alpert Medical School Wilderness Medicine Course
“Complex Humanitarian Emergencies”
1-hour lecture – 8 students in attendance
- 2013 Brown University Mini-Medical School Event
“Saving Aid: The Future of Global Health and Disaster Response”
1-hour lecture – 40 total students, parents, alumni, and donors in attendance
- 2014 Brown University Alpert Medical School Wilderness Medicine Course
“Complex Humanitarian Emergencies”
1-hour lecture – 12 students in attendance
- 2014 Brown University Alpert Medical School Emergency Medicine Interest Group

“Careers in Global Emergency Medicine”
1-hour lecture – 25 students in attendance

2015 Brown University Global Health Lecture Series
“Learning from Ebola: Towards an Evidence-Based Humanitarian Response”
1-hour lecture – 50 students in attendance

Graduate Students

2014 Co-Convener, Brown International Advanced Research Institutes
Institute on Human Security and Humanitarian Response
2 week course – 38 international students in attendance

2015 Co-Convener, Brown International Advanced Research Institutes
Institute on Humanitarian Response and Post Conflict Reconstruction
2 week course – 40 international students in attendance

2015 PHP 1854: Infectious Disease Epidemiology
“Ebola Case Study: Strategies for Combatting an Epidemic”
90-minute lecture – 25 students in attendance

2016 Co-Convener, Brown International Advanced Research Institutes
Institute on Humanitarian Response and Post Conflict Reconstruction
2 week course – 40 international students in attendance

HOSPITAL TEACHING ROLES

2009- Brown Emergency Medicine Residency
“International Emergency Medicine Bedside Rounds”
Teaching Case Series
Rhode Island Hospital, Providence, Rhode Island

2009 Brown Emergency Medicine Residency
“Global Child Health”
Rhode Island Hospital, Providence, Rhode Island

2010 Brown Emergency Medicine Residency
“International Emergency Medicine”
Rhode Island Hospital, Providence, Rhode Island

2010 Brown Emergency Medicine Residency
“Clinical Pathological Conference”
Rhode Island Hospital, Providence, Rhode Island

2011 Brown Emergency Medicine Residency
“Complex Political Emergencies: Libya Case Study”
Rhode Island Hospital, Providence, Rhode Island

2011 Brown Emergency Medicine Residency
“Acute Pain Management”
Rhode Island Hospital, Providence, Rhode Island

2012 Brown Emergency Medicine Residency
“Global Emergency Medicine Case Conference”

Rhode Island Hospital, Providence, Rhode Island

2013 Brown Residency International/Global Health Training (BRIGHT) Program
"Complex Humanitarian Emergencies"
Rhode Island Hospital, Providence, Rhode Island

2014 Brown University Department of Family Medicine Global Health Noon Conference
"Trauma Management in Complex Humanitarian Emergencies"
Memorial Hospital of Rhode Island, Pawtucket, Rhode Island

2014 Brown Emergency Medicine Residency
"Ending Ebola: Strategies for Combatting an Epidemic"
Rhode Island Hospital, Providence, Rhode Island