

CURRICULUM VITAE  
STEPHANIE CHOW GARBERN, MD, MPH, DTM&H, FACEP

Alpert Medical School of Brown University  
Department of Emergency Medicine  
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EDUCATION

Undergraduate	University of Michigan Cultural Anthropology Bachelor of Science (High Honors) 2003 - 2007
	University of Michigan Molecular & Cellular Biology Bachelor of Science (High Honors) 2003 - 2007
Medical School	Albert Einstein College of Medicine Doctor of Medicine 2008 - 2012
Graduate School	Harvard T.H. Chan School of Public Health Master of Public Health (Global Health) 2015 - 2016
Other Degrees	London School of Hygiene & Tropical Medicine Diploma in Tropical Medicine & Hygiene (East Africa) 2018

POSTGRADUATE TRAINING

Residency	Beth Israel Deaconess Medical Center Harvard Affiliated Emergency Medicine Residency 330 Brookline Ave, Boston, MA 02215 2012 –2015
Fellowship	Warren Alpert Medical School of Brown University Global Emergency Medicine Fellowship 55 Claverick St, Providence, RI 02903 2017 –2019

## POSTGRADUATE HONORS AND AWARDS

First Place Award	Trachtenberg-Frackman National Essay Contest on Biomedical Ethics 2008
Global Health Scholarship Award	Albert Einstein College of Medicine 2009
Tamara L. Bolin Memorial Award	Albert Einstein College of Medicine 2012
Global Health Scholar Award	Beth Israel Deaconess Medical Center 2014
Humanitarian Award	Society of Academic Emergency Medicine Global Emergency Medicine Academy 2019
NIH Loan Repayment Award	National Institutes of Health National Institute of Allergy and Infectious Diseases 2021
Outstanding Young Investigator Award	Department of Emergency Medicine Alpert Medical School 2023
Academic Achievement Award	Society of Academic Emergency Medicine Global Emergency Medicine Academy 2023
Fellow	American College of Emergency Physicians 2023

## PROFESSIONAL LICENSES AND BOARD CERTIFICATION

Advanced Cardiac Life Support	2012-present
Advanced Trauma Life Support	2012-present
Pediatric Advanced Life Support	2012-present
Massachusetts Board of Registration in Medicine	2015-2018
American Board of Emergency Medicine	2016-present
Rhode Island Board of Registration in Medicine	2017-present
Harvard Humanitarian Response Intensive Certificate	2016
Medical Council of Tanganyika, Tanzania	2017
Liberia College of Physicians & Surgeons	2018
ICRC Certificate in Health Emergencies in Large Populations	2018

## ACADEMIC APPOINTMENTS

Clinical Instructor	Beth Israel Deaconess Medical Center Department of Emergency Medicine
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	2015-2017
Teaching Fellow	Warren Alpert Medical School of Brown University Department of Emergency Medicine 2017-2019
Affiliated Fellow	Center for Human Rights and Humanitarian Studies Brown University Watson Institute for International and Public Affairs 2017-2019
Affiliated Faculty	Center for Human Rights and Humanitarian Studies Brown University Watson Institute for International and Public Affairs 2019-present
Assistant Professor	Warren Alpert Medical School of Brown University Department of Emergency Medicine 2019-present

#### HOSPITAL APPOINTMENTS

Resident Physician	Beth Israel Deaconess Medical Center Department of Emergency Medicine 2012-2015
Attending Physician	Beth Israel Deaconess Medical Center Department of Emergency Medicine 2015-2017
Attending Physician	Beth Israel Deaconess Hospital - Milton Department of Emergency Medicine 2015-2017
Attending Physician	Lifespan Alternative Hospital Site (COVID-19 Field Hospital) 2020-2021
Attending Physician	The Miriam Hospital Department of Emergency Medicine 2017-present
Attending Physician	Rhode Island Hospital Department of Emergency Medicine 2018-present

#### DEPARTMENTAL LEADERSHIP APPOINTMENTS

Research Coordinator	Division of Global Emergency Medicine Warren Alpert Medical School of Brown University 2019-present
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## AREA OF FOCUS LEADERSHIP APPOINTMENTS

Student Internship Director	Division of Global Emergency Medicine Warren Alpert Medical School of Brown University 2019-2022
Carolan Fellowship Co-Director	Rwanda Research Fellowship Division of Global Emergency Medicine Warren Alpert Medical School of Brown University 2019-2022 (Director) 2022-present (Co-Director)

## OTHER APPOINTMENTS/CONSULTANT

Co-Founder, Team Leader	Honduras Medical Brigades Tegucigalpa, Honduras 2005-2008
Regional Advisor	Midwest Region Global Medical Brigades 2006-2008
Executive Board Member	ECHO Free Medical Clinic, Bronx, NY 2008-2010
Executive Board Member	American Medical Student Association Albert Einstein Chapter 2008-2010
Field Team Member	Collaborating Centre for Oxford University and CUHK for Disaster and Medical Humanitarian Response Xishuangbanna, China 2016
Systematic Review Lead, Reviewer	Global Emergency Medicine Literature Review Group 2017-2023
Ultrasound Education Director	JFK Memorial Medical Center Liberia Health Workforce Program 2018
Selection Panelist	CUGH Global Health Workforce Panel U.S. Centers for Disease Control/PHI Global Health Fellowship 2019-2020
Committee Member	Global Health and Disaster Response Planning Nursing Practitioner Associates for Continuing Education 2019-2020

Consultant	Austere Environments Consortium for Enhanced Sepsis Outcomes: An Observational Study of Sepsis 2019-present
Fellow	Emergencies & Humanitarian Action Unit International Rescue Committee 2020-2021
Committee Member	Research Committee Consortium of Universities for Global Health 2020-2022
Consultant Epidemiologist	COVID-19 Response International Rescue Committee 2020
Country Clinical Mentor	Bangladesh and Somalia, COVID-19 Response Emergencies Action Unit International Rescue Committee 2020
Faculty Consultant	COVID-19 Training of Trainers Project Hope (Faculty lead for virtual trainings in over 50 countries globally) 2020-2021
Technical Consultant	Global Emergency Response and Recovery Partner Engagement: Expanding Efforts and Strategies to Improve Rapid Response to Public Health Emergencies Globally U.S. Centers for Disease Control and International Medical Corps 2020-2022
Faculty Lead, Mentor	Global Emergency Medicine Student Leadership Program American College of Emergency Physicians 2020-present

HOSPITAL COMMITTEES

Recruitment Committee	Beth Israel Deaconess Medical Center Emergency Medicine Residency 2013-2015
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UNIVERSITY COMMITTEES

Discussing Anti-Racist Care and Equity (DARE-EM) Working Group  
Department of Emergency Medicine  
Brown University

2020-present

Framework Executive Committee      Global Health Initiative  
Brown University  
2022-present

### MEMBERSHIP IN SOCIETIES

American College of Emergency Physicians (ACEP) International Section	Member, 2012-present Executive Committee, 2021-present
Emergency Medicine Residents Association (EMRA)	Member, 2012-2015
Society for Academic Emergency Medicine (SAEM) Diversity Equity and Inclusion Committee	Member, 2012- Co-Chair, 2020-
Decolonizing GEM Committee	Chair, 2020-
Global EM Academy Engagement Committee	Co-Chair, 2020-2022
Global EM Academy Development Committee	Co-Chair, 2020-2021
Global EM Academy Diversity, Equity and Inclusion	Co-Chair, 2020-present
Global EM Academy	Executive Board, 2021-present Secretary, 2021-2022 IT Chair, 2022-present President-Elect, 2023-
American Society of Tropical Medicine & Hygiene (ASTMH)	Member, 2017-present
African Federation for Emergency Medicine (AFEM)	Member, 2017-present
Consortium of Universities for Global Health (CUGH) Research Committee	Member, 2017-present Member, 2020-2022
Physicians for Human Rights (PHR)	Asylum Network Volunteer, Member 2017-present

### PUBLICATIONS LIST

#### ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS

1. **Garbern SC.** Medical Relief Trips... What's Missing? Exploring Ethical Issues and the Physician-Patient Relationship. *Einstein Journal of Biology and Medicine.* 2010 Mar 2;25(1):38-40.
2. **Garbern SC,** Ebbeling LG, Bartels SA. A Systematic Review of Health Outcomes Among Disaster and Humanitarian Responders. *Prehospital and Disaster Medicine.* 2016 Dec;31(6):635-42.
3. Bakhache N, Michael S, Roupetz S, **Garbern SC,** Bergquist H, Davison C, Bartels S. Implementation of a SenseMaker® Research Project among Syrian Refugees in Lebanon. *Global Health Action.* 2017 Jan 1;10(1):1362792.
4. Bartels S, Michael S, Roupetz S, **Garbern SC,** Kilzar L, Berquist H, Bakhache N, Davison C, Bunting A. Making Sense of Child, Early and Forced Marriage Among Syrian Refugee Girls: A Mixed Methods Study in Lebanon. *BMJ Global Health.* 2018 Jan 1;3(1):e000509.
5. Aluisio AR, **Garbern SC,** Wiskel T, Mutabazi ZA, Umuhire O, Ch'ng CC, Rudd KE, Nyinawankusi JD, Byiringiro JC, Levine AC. Mortality outcomes based on ED qSOFA score and

HIV status in a developing low income country. *The American Journal of Emergency Medicine*. 2018 Mar 10.

6. Becker TK, Trehan I, Hayward AS, Hexom BJ, Kivlehan SM, Lunney KM, Modi P, Ose-Ampofo M, Pousson A, Cho D, Levine AC, **Global Emergency Medicine Literature Review Group (Garbern SC et al)**. Global Emergency Medicine: A Review of the Literature From 2017. *Acad Emerg Med*. 2018 May 23. doi: 10.1111/acem.13456.
7. Koeller E, Robertson S, **Garbern SC**, Monk G, Nasrin S, Alam N, Levine AC. Ultrasound Adds No Benefit to Clinical Exam for Predicting Dehydration in Children with Acute Diarrhea in a Resource-Limited Setting. *Journal of Ultrasound in Medicine*. 2018 Oct 5.
8. **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 Infectious Diseases* 2019 May 24.
9. Aluisio AR, Perera SM, Yam D, **Garbern S**, Peters JL, Abel L, Cho DK, Kennedy SB, Massaquoi M, Sahr F, Brinkmann S. Vitamin A Supplementation Was Associated with Reduced Mortality in Patients with Ebola Virus Disease during the West African Outbreak. *The Journal of Nutrition*. 2019 Jul 3.
10. **Garbern SC**, Mbanjumucyo G, Umuhoza C, Sharma VK, Mackey J, Tang O, Martin KD, Twagirumukiza FR, Rosman SL, McCall N, Wegerich SW. Validation of a wearable biosensor device for vital sign monitoring in septic emergency department patients in Rwanda. *Digital Health* 2019 Sep;5:2055207619879349.
11. **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. *Rhode Island Medical Journal*. 2019 Sep 1;102(7):32-5.
12. 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 Medicine and Public Health Preparedness*. 2020 Jan 1:1-2.
13. Aluisio AR, Perera SM, Yam D, **Garbern S**, Peters JL, Abel L, Cho DK, Woldemichael D, Kennedy SB, Massaquoi M, Sahr F. Association Between Treatment with Oral Third-Generation Cephalosporin Antibiotics and Mortality Outcomes in Ebola Virus Disease: A Multinational Retrospective Cohort Study. *Tropical Medicine & International Health*. 2020 Jan 7.
14. Moretti K, Marqués CG, **Garbern S**, Mbanjumucyo G, Uwamahoro C, Beaudoin FL, Amanullah S, Gjelsvik A, Aluisio AR. Transfusion, mortality and hemoglobin level: Associations among emergency department patients in Kigali, Rwanda. *African Journal of Emergency Medicine*. 2020 Feb 6.
15. **Garbern, S.**, Helal, S., Michael, S., Turgeon, N. & Bartels, S. "It will be a weapon in my hand": The Protective Potential of Education for Adolescent Syrian Refugee Girls in Lebanon. *Refugee*, 36 (1), 3–13 (2020). <https://doi.org/10.25071/1920-7336.40609>

16. Roupetz, S., **Garbern, S.**, Michael, S. *et al.* Continuum of sexual and gender-based violence risks among Syrian refugee women and girls in Lebanon. *BMC Women's Health* 20, 176 (2020). <https://doi.org/10.1186/s12905-020-01009-2>
17. Marqués CG, Moretti K, Amanullah S, Uwamahoro C, Ndebwanimana V, **Garbern S**, Naganathan S, Martin K, Niyomiza J, Gjesvik A, Nkeshimana M. Association between volume resuscitation & mortality among injured patients at a tertiary care hospital in Kigali, Rwanda. *African Journal of Emergency Medicine*. 2020. <https://doi.org/10.1016/j.afjem.2020.09.014>
18. Winders WT, **Garbern SC**, Bills CB, Relan P, Schultz ML, Trehan I, Kivlehan SM, Becker TK, McQuillan R. The effects of mobile health on emergency care in low-and middle-income countries: A systematic review and narrative synthesis. *Journal of Global Health*. 2021;11.
19. 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 Neglected Tropical Diseases*. 2021 Mar 10;15(3):e0009266.
20. **Garbern SC**, Chu T, Yang P, Gainey 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. Manuscript published (pre-press) *International Journal of Infectious Diseases* March 2021.
21. **Garbern SC**, Chu T, Yang P, Gainey P, Nasrin S, Kanekar S, Qu K, Nelson EJ, Leung DT, Ahmed D, Schmid CH, Alam NH, Levine AC. Multidrug-Resistant Enteric Pathogens in Older Children and Adults with Diarrhea in Bangladesh: Epidemiology and Risk Factors. Manuscript accepted to *Tropical Medicine and Health*.
22. Barry MA, Qu K, Gainey M, Schmid CH, Garbern S, Nasrin S, Alam NH, Lee JA, Nelson EJ, Rosen R, Levine AC. Derivation and Internal Validation of a Score to Predict Dehydration Severity in Patients over 5 Years with Acute Diarrhea. *The American journal of tropical medicine and hygiene*. 2021 Aug 16.
23. Uwamahoro D, Beeman A, Sharma VK, Henry MB, **Garbern SC**, Becker J, Harfouche FD, Rogers AP, Kendric K, Guptill M. Seasonal influence of tuberculosis diagnosis in Rwanda. *Tropical Medicine and Health*. 2021 Dec;49(1):1-7.
24. Marin BG, Amaya A, Perez GM, 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. *Journal of global health reports*. 2021;5
25. Gainey M, Qu K, **Garbern SC**, Barry MA, Lee JA, Nasrin S, Monjory M, Nelson EJ, Rosen R, Alam NH, Schmid CH. Assessing the performance of clinical diagnostic models for dehydration among patients with cholera and undernutrition in Bangladesh. *Tropical Medicine & International Health*. 2021.



26. Nasrin S, **Garbern SC**, Gainey M, Kanekar S, Monjory M, Ahmed D, Qu K, Chu TC, Schmid CH, Nelson EJ, Ahmed T. Clinical, Sociodemographic and Environmental Risk Factors for Acute Bacterial Diarrhea among Adults and Children over Five Years in Bangladesh. *The American journal of tropical medicine and hygiene*. 2021 Nov 1;tpmd210580.
27. Pickering A, Patiño A, **Garbern SC**, et al. Building a virtual community of practice for medical students: The Global Emergency Medicine Student Leadership Program. *JACEP Open*. 2021;2:e12591. <https://doi.org/10.1002/emp2.12591>
28. **Garbern SC**, Nelson EJ, Nasrin S, Keita AM, Brintz BJ, Gainey M, Badji H, Nasrin D, Howard J, Taniuchi M, Platts-Mills JA. External validation of a mobile clinical decision support system for diarrhea etiology prediction in children: a multicenter study in Bangladesh and Mali. *Elife*. 2022 Feb 9;11:e72294.
29. Marques CG, Mwemerashyaka L, Martin K, Tang O, Uwamahoro C, Ndebwanimana V, Uwamahoro D, Moretti K, Sharma V, Naganathan S, Jing L, **Garbern SC**, Nkeshimana M, Levine AC, Aluisio AR. Utilisation of peripheral vasopressor medications and extravasation events among critically ill patients in Rwanda: A prospective cohort study. *African Journal of Emergency Medicine*. 2022 Jun 1;12(2):154-9.
30. Rosen RK, **Garbern SC**, Gainey M, Lantini R, Nasrin S, Nelson EJ, Elshabassi N, Alam NH, Sultana S, Hasnin T, Qu K. Designing a Novel Clinician Decision Support Tool for the Management of Acute Diarrhea in Bangladesh: Formative Qualitative Study. *JMIR human factors*. 2022 Mar 25;9(1):e33325.
31. Abel L, Perera SM, Yam D, **Garbern S**, Kennedy SB, Massaquoi M, Sahr F, Woldemichael D, Liu T, Levine AC, Aluisio AR. Association between oral antimalarial medication administration and mortality among patients with Ebola virus disease: a multisite cohort study. *BMC Infectious Diseases*. 2022 Dec;22(1):1-9.
32. **Garbern SC\***, Hyuha G\*, Marqués CG, Baig N, Chan JL, Dutta S, Gulamhussein MA, Terán GP, Manji HK, Mdundo WK, Moresky RT. Authorship representation in global emergency medicine: a bibliometric analysis from 2016 to 2020. *BMJ Global Health*. 2022 Jun 1;7(6):e009538. \*Co-Authorship.
33. Odoom, E.; **Garbern, S.C.**; Tang, O.Y.; Marqués, C.G.; Beeman, A.; Uwamahoro, D.; Stephen, A.H.; Uwamahoro, C.; Aluisio, A.R. Evaluating Post-Injury Functional Status among Patients Presenting for Emergency Care in Kigali, Rwanda. *Trauma Care* 2022, 2, 434–444. <https://doi.org/10.3390/traumacare2030036>
34. **Garbern SC**, Relan P, O'Reilly GM, Bills CB, Schultz M, Trehan I, Kivlehan SM, Becker TK. A systematic review of acute and emergency care interventions for adolescents and adults with severe acute respiratory infections including COVID-19 in low-and middle-income countries. *Journal of Global Health*. 2022;12.
35. Ali Z, Perera SM, **Garbern SC**, Diwan EA, Othman A, Ali J, Awada N. Variations in COVID-19 Vaccine Attitudes and Acceptance among Refugees and Lebanese Nationals Pre-and Post-Vaccine Rollout in Lebanon. *Vaccines*. 2022 Sep 15;10(9):1533.

36. Relan P\*, **Garbern SC\***, O'Reilly G, Bills CB, Schultz M, Kivlehan S, Trehan I, Becker TK. Emergency care interventions for paediatric severe acute respiratory infections in low- and middle-income countries: A systematic review and narrative synthesis. *J Glob Health*. 2023 Jun 9;13:04065. doi: 10.7189/jogh.13.04065. PMID: 37288550; PMCID: PMC10248949.  
\*Co-First Author
37. **Garbern SC**, Perera SM, Mbong EN, Kulkarni S, Fleming MK, Ombeni AB, Muhayangabo RF, Tchoualeu DD, Kallay R, Song E, Powell J. COVID-19 Vaccine Perceptions among Ebola-Affected Communities in North Kivu, Democratic Republic of the Congo, 2021. *Vaccines*. 2023 May 11;11(5):973.
38. **Garbern SC**, Islam MT, Islam K, Ahmed SM, Brintz BJ, Khan AI, Taniuchi M, Platts-Mills J, Qadri F, Leung D. Derivation and External Validation of a Clinical Prediction Model for Viral Diarrhea Etiology in Bangladesh. In *Open Forum Infectious Diseases* 2023 May 29 (p. ofad295). Oxford University Press.
39. Elshabassi N, **Garbern SC**, Rosen RK, Gainey M, Nasrin S, Alam NH, Sultana S, Hasnin T, Levine AC (2023) Understanding variations in diarrhea management across healthcare facilities in Bangladesh: a formative qualitative study. *J Infect Dev Ctries* 17:665–676. doi: 10.3855/jidc.17260
40. Rosen, R. K., Gainey, M., Nasrin, S., **Garbern, S. C.**, Lantini, R., Elshabassi, N., Sultana, S., Hasnin, T., Alam, N. H., Nelson, E. J., & Levine, A. C. (2023). Use of Framework Matrix and Thematic Coding Methods in Qualitative Analysis for mHealth: The FluidCalc app. *International Journal of Qualitative Methods*, 22. <https://doi.org/10.1177/16094069231184123>
41. Doshi RH\*, **Garbern SC\***, Kulkarni S, Perera SM, Fleming MK, Muhayangabo RF, Ombeni AB, Tchoualeu DD, Kallay R, Song E, Powell J. Ebola vaccine uptake and attitudes among healthcare workers in North Kivu, Democratic Republic of the Congo, 2021. *Frontiers in Public Health*. 2023;11. \*Co-First Author
42. Levine AC, Gainey M, Qu K, Nasrin S, Mohsena Bint-E S, Noor SS, Barry MA, **Garbern SC**, Schmid CH, Rosen RK, Nelson EJ. A comparison of the NIRUDAK models and WHO algorithm for dehydration assessment in older children and adults with acute diarrhoea: a prospective, observational study. *The Lancet Global Health*. 2023 Sep 27.
43. Dozois, A., Gonzalez Marques, C., Thilakasiri, K., Adebisi, A., Leanza, J., Rybarczyk, M., Depp, T., Wieland, T., Karim, N., Muchatuta, M. Ali, F., **Garbern, S**, Patel S, A Toolkit for Decolonizing Global Emergency Medicine Education. In *Frontiers in Education* (Vol. 8, p. 1214904). Frontiers.

#### BOOKS AND BOOK CHAPTERS

1. **Garbern SC**. Infectious Disease in a Disaster Zone. In *Ciottoni's Disaster Medicine* (Second Edition) 2016 (pp. 351-355).
2. **Garbern SC**. Infectious Disease in a Disaster Zone. In *Ciottoni's Disaster Medicine* (Third Edition) 2022

## OTHER NON-PEER REVIEWED PUBLICATIONS

1. **Garbern SC.** Obstetric and Gynecologic Emergencies. BIDMC Emergency Medicine Residency Handbook. Boston, MA, 2014
2. **Garbern SC.** Garbern SC. Artist's Statement: Behind the Same Mask. Academic Medicine. 2021 Jun;96(6):816.
3. Muchatuta M, Rajeev S, Patel S, Dutta S, **Garbern SC**, González Marqués C. "[Rethinking Global Health: Actions for a Decolonized Future of Global Emergency Medicine](#)" SAEM Pulse July/August 2021.
4. Oomen J, Pickering A, Abu-Jubara, D, Brown G, Rodigin A, **Garbern SC**, Patino A. EM Around the World: ACEP International Ambassadors Recap Development of Emergency Care Globally. <https://www.emra.org/emresident/article/gems-updates-2021/>
5. Kampalath V, Gonzalez Marques C, Abid R, **Garbern SC**. Vaccine Equity for Refugees and Humanitarian Settings. SAEM Pulse January-February 2022.
6. Offorjebe A, Yakubu H, **Garbern SC**, Burkholder T, Risko N, Oteng R. The challenges and priorities of including emergency care in universal health coverage in low- and middle-income countries. SAEM Pulse January-February 2022.

## SCHOLARLY WORK PUBLISHED IN OTHER MEDIA

1. **Garbern, SC.** Cerro de Oro y la Salud: Community Perspectives on Health and Health Care Utilization. North Carolina University Ethnographic Field School Reports for Lake Atitlan, Guatemala. 2008. Available at: <https://faculty.chass.ncsu.edu/wallace/Guate2007%20Garbern.pdf>
2. Agha Z, Anderson S, Ataman J, Chulapamornsri P, Cnossen D, Dakheel L, Dangel W, Francett Em, **Garbern SC**, Keeley J, Laepple J, Meziane A, Mishael H, Moss K, Nicolau A, Parry K. In The Same Boat: Morocco's Experience with Migrant Regularization. Harvard University Winter Field Study Course 2016 Working Paper. Available at: [https://www.belfercenter.org/sites/default/files/files/publication/In%20the%20Same%20Boat\\_Harvard%20Winter%20Field%20Study%202016.pdf](https://www.belfercenter.org/sites/default/files/files/publication/In%20the%20Same%20Boat_Harvard%20Winter%20Field%20Study%202016.pdf)
3. **Garbern SC.** The Long Road to Asylum. Advanced Training Program on Humanitarian Action. Published Online at ATHA.se January 2016. Available at: <http://www.atha.se/blog/same-boat-morocco-part-ii>
4. **Garbern SC.** "Why do we mask our vulnerabilities?" Triage Health Humanities Blog. May 2020. Available at: <https://www.triagehealthhumanities.com/post/why-do-we-mask-our-vulnerabilities>

5. Anthony Rodigin, **Stephanie Garbern**, Ashley Pickering, Alexandra Digenakis, Elizabeth DeVos, Jerry Oommen, “ACEP’s shiny new GEMS: the Who, What and Why that make this LP worth playing,” in *International Emergency Medicine Education Project*, February 21, 2021, <https://iem-student.org/?p=17057>, date accessed: February 21, 2021
6. Ali F, Vaughan T, Turgeon N, **Garbern S**. SAEM Pulse Video “Perspectives on Decolonizing Global Emergency Medicine”. <https://www.saem.org/about-saem/academies-interest-groups-affiliates2/gema>

## ABSTRACTS

1. **Garbern SC**, Crouthamel B. Soy Capaz! HIV Prevention and Education in the Peruvian Amazon. Presented at the Global Health Education Consortium Conference, Cuernavaca, Mexico. April 2010.
2. **Garbern SC**, Currie K. Does Leadership in a Student-Run Free Clinic Correlate with Residency Selection? Presented at the Society of Teachers of Family Medicine Conference, Jacksonville, Florida. January 2010.
3. **Garbern SC**, Landry A. Patient Acceptance of Emergency Department Follow-up Text-Message Reminders. Presented at Beth Israel Deaconess Emergency Medicine Resident Research Conference, Boston, Massachusetts. January 2015.
4. **Garbern SC**. Qualitative Assessment on Combating Human Trafficking in Morocco. Presented at Harvard T.H. Chan School of Public Health Global Health Conference, Boston, Massachusetts. May 2016.
5. Bakhache N, Michael S, Roupetz S, **Garbern SC**, Bergquist H, Davison C, Bartels S. Implementation of a SenseMaker® research project among Syrian refugees in Lebanon. Presented at the North American Refugee Health Conference, Toronto, Canada. June 2017.
6. Koeller E, Robertson S, **Garbern SC**, Monk G, Nasrin S, Alam N, Levine AC. Ultrasound Adds No Benefit to Clinical Exam for Predicting Dehydration in Children with Acute Diarrhea in a Resource-Limited Setting. Presented at the Unite for Sight Global Health & Innovation Conference, New Haven, Connecticut. April 2018.
7. **Garbern SC**, Aluisio AR, Wiskel T, Mutabazi ZA, Umuhire O, Ch'ng CC, Rudd KE, Nyinawankusi JD, Byiringiro JC, Levine AC. Mortality outcomes based on ED qSOFA score and HIV status in a developing low income country. Presented at Brown Emergency Medicine Research Symposium, Providence, Rhode Island. April 2018.
8. **Garbern SC**, Yam D, Cho D, Aluisio A, Perera S, Levine AC. Effect of Mass Artesunate-Amodioquine Distribution on Mortality of Patients with Ebola Virus Disease during West Africa Outbreak. Presented at the Royal Society of Tropical Medicine & Hygiene East Africa Conference, Moshi, Tanzania. September 2018.
9. **Garbern SC**, Yam D, Cho D, Aluisio A, Perera S, Levine AC. Effect of Mass Artesunate-Amodioquine Distribution on Mortality of Patients with Ebola Virus Disease during West Africa

Outbreak. Presented at the American Society of Tropical Medicine & Hygiene Conference, New Orleans, Louisiana. October 2018.

10. Aluisio A, Yam D, Peters J, Cho D, Perera S, Kennedy S, Massaquoi M, Sahr F, **Garbern S**, Liu T, Levine A. Treatment With Intravenous Fluid Therapy Was Not Associated With Improved Survival Among Patients With Ebola Virus Disease: An International Multisite Cohort Study. *Annals of Emergency Medicine*. 2018 Oct 1;72(4).
11. **Garbern SC**, Mbanjumucyo G, Karim N, Umuhoza C, Sharma V, Mackey J, Tang O, Martin KM, Twagirumukiza FR, Rosman S, McCall N, Wegerich S, Levine AC. Validation of a Wearable Biosensor Device for Vital Sign Monitoring in Septic Emergency Department Patients in Rwanda. Presented at Society of Academic Emergency Medicine Conference New England Regional Meeting, Worcester, Massachusetts. March 2019.
12. **Garbern SC**, Mbanjumucyo G, Umuhoza C, Sharma V, Mackey J, Tang O, Martin KM, Twagirumukiza FR, Rosman S, McCall N, Wegerich S, Levine AC. Validation of a Wearable Biosensor Device for Vital Sign Monitoring in Septic Emergency Department Patients in Rwanda. Presented at the World Association of Disaster and Emergency Medicine Conference, Brisbane, Australia. May 2019.
13. Aluisio A, Yam D, Peters JL, Cho DK, Perera SM, Kennedy SB, Sahr F, **Garbern SC**, 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 World Association of Disaster and Emergency Medicine Conference, Brisbane, Australia. May 2019.
14. **Garbern SC**, Mbanjumucyo G, Umuhoza C, Sharma V, Mackey J, Tang O, Martin KM, Twagirumukiza FR, Rosman S, McCall N, Wegerich S, Levine AC. Validation of a Wearable Biosensor Device for Vital Sign Monitoring in Septic Emergency Department Patients in Rwanda. Presented at Society of Academic Emergency Medicine Conference, Las Vegas, Nevada. May 2019.
15. **Garbern SC**, Mbanjumucyo G, Umuhoza C, Sharma V, Mackey J, Tang O, Martin KM, Twagirumukiza FR, Rosman S, McCall N, Wegerich S, Levine AC. Validation of a Wearable Biosensor Device for Vital Sign Monitoring in Septic Emergency Department Patients in Rwanda. Presented at Brown Emergency Medicine Research Symposium, Providence, Rhode Island. May 2019.
16. **Garbern SC**, Mbanjumucyo G, Umuhoza C, Sharma V, Mackey J, Tang O, Martin KM, Twagirumukiza FR, Rosman S, McCall N, Wegerich S, Levine AC. Validation of a Wearable Biosensor Device for Vital Sign Monitoring in Septic Emergency Department Patients in Rwanda. Presented at International Conference on Emergency Medicine, Seoul, South Korea. June 2019.
17. Aluisio A, Yam D, Peters JL, Cho DK, Perera SM, Kennedy SB, Sahr F, **Garbern SC**, Liu T, Levine AC. Association Between Vitamin A Supplementation and Mortality Among Patients with Ebola Virus Disease: An International Multisite Cohort Study. Presented at International Conference on Emergency Medicine, Seoul, South Korea. June 2019.
18. Moretti K, Gonzalez-Marques C, Karim N, Mbanjumucyo G, Levine C, Martin M, **Garbern SC**, Aluisio A. Blood Transfusion, Mortality and Hemoglobin Level: Associations among Emergency

Department Patients in Kigali, Rwanda. Presented at International Conference on Emergency Medicine, Seoul, South Korea. June 2019.

19. **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.
20. Aluisio A, Yam D, Peters J, Cho D, Perera A, Kennedy S, Massaquoi M, **Garbern SC**, Sahr F, Liu T, Levine AC. Mortality Impacts of Multivitamin in Ebola Virus Disease: an International Multisite Cohort Study. Presented at International Conference on Emergency Medicine, Seoul, South Korea. June 2019.
21. Nasrin S, **Garbern SC**, Gainey M, Alam N, Levine AC. Clinical Predictors of Bacterial Etiology of Acute Diarrhea in Bangladesh. Presented virtually at Global Health Innovation Conference April 2020
22. Nasrin S, **Garbern SC**, Gainey M, Alam N, Levine AC. Sociodemographic Predictors of Bacterial Etiology of Acute Diarrhea in Bangladesh. Presented virtually at Global Health Innovation Conference April 2020
23. Gonzalez Marques C, Mwemerashyaka L, Martin C, Uwamahoro C, Tang O, Ndebwanimana V, Uwamahoro D, Moretti K, Sharma K, Naganathan S, Jing L, **Garbern SC**, Levine AC, Aluisio A. Peripheral Vasopressor Use and Extravasation Risk in Rwanda: A Prospective Cohort Study, presented virtually Society of Academic Emergency Medicine May 2020
24. Aluisio A, **Garbern SC**, Levine AC. Impact of Oral Antimalarial Treatment on Mortality in Patients with Ebola Virus Disease, presented virtually Society of Academic Emergency Medicine May 2020
25. **Garbern SC**, Oduro G, Oppong C, Wegerich S, Baer C, Beckett C, Espinosa B, Levine AC, Clark D. Evaluation of a Mobile Health (mHealth) Wearable Device System for Sepsis Monitoring in Ghana. Presented virtually at American Society of Tropical Medicine and Hygiene conference November 2020
26. **Garbern SC**, Nasrin S, Gainey M, Alam NH, Levine AC. Predictors of Multi-Drug Resistance of Enteric Pathogens in Patients with Acute Diarrhea in Bangladesh. Presented virtually at American Society of Tropical Medicine and Hygiene conference November 2020
27. Ngole ME, Ombeni A, **Garbern SC**, Levine AC, et al. Vaccination uptake, concerns, and preferred communication methods regarding Ebola vaccination among health care workers in North Kivu Province, the Democratic Republic of the Congo 2020. Poster at ASTM21.
28. **Garbern SC**, Gainey M, Nasrin S, Mamby Keita A, ...Levine AC, Leung D. Validation of a Mobile Health Tool for Viral Diarrhea Etiology Prediction in Young Children: A Prospective Multicenter Study in Bangladesh and Mali. Presented virtually at ASTM21.

29. **Garbern SC, Islam T**, Islam K, Khan A, Taniuchi M, Platts-Mills J, Qadri F, Leung D. Development and Validation of a Clinical Prediction Model for Acute Viral Diarrhea in Bangladesh. Presented virtually at ASTMH21.
30. **Garbern SC\***, Hyuha G\*, Marqués CG, Baig N, Chan JL, Dutta S, Gulamhussein MA, Terán GP, Manji HK, Mdundo WK, Moresky RT. Authorship representation in global emergency medicine: a bibliometric analysis from 2016 to 2020. SAEM22, New Orleans, LA, USA.
31. Pickering A, Patiño A, Rodigin A, Digenakis A, DeVos E. 47 Building a Virtual Community of Global Emergency Medicine Mentorship and Learning: ACEP & EMRA's Global Emergency Medicine Student Leadership Program. *Annals of Emergency Medicine*. 2021 Oct 1;78(4):S20.
32. **Garbern SC**, Gainey M, Nasin S, Mamby Keita A, ...Levine AC, Leung D. Validation of a Mobile Health Tool for Viral Diarrhea Etiology Prediction in Young Children: A Prospective Multicenter Study in Bangladesh and Mali. Presented virtually at ASTMH21.
33. **Garbern SC, Islam T**, Islam K, Khan A, Taniuchi M, Platts-Mills J, Qadri F, Leung D. Development and Validation of a Clinical Prediction Model for Acute Viral Diarrhea in Bangladesh. Presented virtually at ASTMH21.
34. **Garbern SC\***, Hyuha G\*, Marqués CG, Baig N, Chan JL, Dutta S, Gulamhussein MA, Terán GP, Manji HK, Mdundo WK, Moresky RT. Authorship representation in global emergency medicine: a bibliometric analysis from 2016 to 2020. SAEM22, New Orleans, LA, USA.
35. Gainey M, Qu K, **Garbern SC**, Nasrin S, Nelson E, Alam NH, Levine AC. Test Characteristics of Stool Color for Predicting Infection with *Vibrio Cholera* in Patients with Acute Diarrhea. Presented virtually at ASTMH21.
36. Doshi R, Fleming M, Kulkarni S, Song E, Powell J, **Garbern SC**, Levine AC, et al. Adapting the Ebola ring vaccination strategy: an innovative sampling design to collect behavioural data to inform outbreak response. Presented virtually at ASTMH21.
37. Powell J, Perera S, **Garbern SC**, Song E, Levine AC, et al. Knowledge, Attitudes, and Beliefs regarding COVID-19 Vaccination and Predictors of Vaccine Hesitancy in North Kivu, Democratic Republic of the Congo. Presented virtually at ASTMH21.
38. Song E, Powell J, Perera S, **Garbern SC**, Levine AC, et al. Attitudes toward Vaccination and Predictors of Ebola Vaccine Acceptance among High-Risk Community Members in North Kivu, Democratic Republic of the Congo. Presented virtually at ASTMH21.
39. Ngole ME, Ombeni A, **Garbern SC**, Levine AC, et al. Vaccination uptake, concerns, and preferred communication methods regarding Ebola vaccination among health care workers in North Kivu Province, the Democratic Republic of the Congo 2020. Poster at ASTMH21
40. Aluisio A, Uwamahoro C, **Garbern S**, Uwamahoro D, Mumporeze L, Marqués CG. Comparison of Injury Epidemiology and Treatments by Gender Among Persons Seeking Emergent Care in Kigali, Rwanda. WADEM 2023 May

41. Nicely P, Xiang L, **Garbern S**, Aluisio A. Digital Health Interventions in HIVST Programs in Low- and Middle-Income Countries: A Systematic Scoping Review. Poster at NERDS23

#### PUBLICATIONS SUBMITTED

1. Perera S, **Garbern SC\***, Doshi R, Kulkarni S, et al. Perceptions toward Ebola vaccination and correlates of vaccine uptake among high-risk community members in North Kivu, Democratic Republic of the Congo. *Manuscript Under Review PLOS One*. \*Co-First Author
2. A Comparative Gender Analysis of Injury Characteristics, Treatments and Outcomes Among Persons Seeking Emergency Care in Kigali, Rwanda Authors: Lise Mumporeze, Chantal Uwamahoro, Doris Uwamahoro, Aly Beeman, Destry Jensen, Oliver Y. Tang, Enyonam Odoom, Spandana Jarmale, **Stephanie C. Garbern**, Catalina González Marqués, Andrew Stephen, Adam R. Aluisio \* Under review at Trauma Care.
3. Building a Framework to Decolonize Global Emergency Medicine" by Muchatuta, Monalisa; Patel, Shama; Gonzalez-Marques, Catalina; Thilakasiri, Kaushila; Manian, Sreenidhi; Chan, Jennifer; Mssika, Ngassa; Clark, Taryn; Burkholder, Taylor; Turgeon, Nikkole; Kampalath, Vinay; Poola, Nivedita; Offorjebe, O. Agatha; Dozois, Adeline ; Hyuha, Gimbo; Vaughan-Ogunlusi, Oluwarotimi; McCammon, Carol; Wells, Katie; Rybarczk, Megan; Castillo, Maria Paula; Adeyeye, Adebisi Anthonia; Rees, Chris; Dutta, Sanjukta; **Garbern, Stephanie Chow**. Under review at AEM Education and Training.
4. Zawar Ali, Shiromi M. Perera, **Stephanie C. Garbern**, Elsie Abou Diwan, Alaa Othma, Emma R. Germano, Javed Ali , Nada Awada Vaccine Hesitancy toward COVID-19 Vaccines among Humanitarian Healthcare Workers in Lebanon. Under review at PLOS Global Public Health.
5. Modeling Climate Impacts on Pediatric Sepsis Incidence and Severity in Bangladesh. Mamun G, Moretti K, Afroze F, Brintz B, Levine AC, Rahman A, Gainey M, Shaima S, Chisti M, **Garbern SC**. Under review at Lancet Global Health.

#### INVITED PRESENTATIONS

##### *Local*

1. Division of Global EM Educational Conference. "Top Global EM Hacks" May 2020.
2. Garbern SC. "Decolonizing Global Emergency Medicine" Brown Global EM Educational Conference, May 2021
3. **Garbern SC**, Gonzales Marques C. Decolonizing Humanitarian Aid. Harvard T.H. Chan School of Public Health GHP 515 April 2022.
4. **Garbern SC**. "Where do you sit when there's no sofa? A practical guide to tackling sepsis in LMICs." Brown Global EM Educational Conference, May 2022



### *Regional*

1. University of Michigan Student Leadership Awards. “Mobile Clinics for Rural Healthcare Provision in Honduras.” Ann Arbor, Michigan, 2008.
2. Albert Einstein College of Medicine Global Health Night. “Amazon Promise: Rural Healthcare in the Amazon.” Bronx, New York, 2009.
3. Cataldo Ambulance Service Grand Rounds. “Post-Resuscitation Care.” Somerville, Massachusetts, 2014.
4. Boston University School of Public Health Disaster and Humanitarian Emergencies Course. “Research in Humanitarian Settings.” Boston, Massachusetts, 2018.
5. Boston University School of Public Health Disaster and Humanitarian Emergencies Course. “Puerto Rico after Hurricane Maria: The Recovery Phase of Disaster Response.” Boston, Massachusetts, 2018.
6. University of North Carolina Emergency Medicine Residency Program. “Hurricanes and Humanitarians: EM Physician Careers in Global Health and Humanitarian Response.” September 2021.

### *National*

1. Lions’ Den Society of Academic Emergency Medicine  
“mHealth for Sepsis Prediction in Resource-Limited Settings.”  
Las Vegas, NV  
May 2019
2. Consortium of Universities for Global Health, Satellite Session. “Decolonizing Global Health Education” Virtual Conference March 2021. Guzman CF, Garbern SC, Marqués CG, Opara IN, Auguste P, Hodgeman R, Lukas S, Crowe S, Fant C, Ryan M, Navarrete PB. Education Committee Satellite Conference. In CUGH 2021 Virtual Conference 2021 Mar 6. CUGH.
3. SAEM21 National Conference GEMA/ADIEM Didactic. “Recognizing Our past: Building an Anti-Colonial Agenda for Global Emergency Medicine.” Garbern S, Gonzalez Marques C, Muchatuta M, Sefa N, Dutta S.
4. **Garbern S**, Gonzalez Marques C, Muchatuta M, SAEM22 National Conference GEMA Didactic. “Who Benefits From Global Health Education? Creating an Action List to Decolonize Global Emergency Medicine Education” SAEM 22, May 2022, New Orleans, LA
5. **Garbern S**, Gonzalez Marques C. “Recognizing the History of Global Health.” Global Emergency Medicine Fellows Didactics. October 2022.
6. **Garbern S**, Gonzalez Marques C. Global Health Equity Anti-Racism and Decolonization: Language. At SAEM23, Austin, TX

### *International*

1. Advanced Training Program on Humanitarian Action / Migration Policy Centre. “In the Same Boat: Morocco’s Migration Lessons for Europe.” Florence, Italy, 2016.
2. Foundation for African Medicine and Education. “Cardiac Emergencies in Resource-Limited Settings.” Karatu, Tanzania, 2017.
3. Foundation for African Medicine and Education. “Metabolic Emergencies in Resource-Limited Settings.” Karatu, Tanzania, 2017.
4. Foundation for African Medicine and Education. “Simulation Lab: Advanced Cardiac Life Support in Resource-Limited Settings.” Karatu, Tanzania, 2017.
5. Foundation for African Medicine and Education. “Simulation Lab: Cardioversion and Defibrillation.” Karatu, Tanzania, 2017.
6. Project Hope, “Management of Severe COVID-19 Illness and Acute Respiratory Failure: A Guide for Non-Acute Care Health Providers” May 2020
7. Project Hope. “COVID-19 Training for Health Care Workers”. (Over 20 three-hour long trainings virtually delivered in over 50 countries). March 2020-present.
8. International Rescue Committee, Somalia Country Clinical Mentors Meeting “COVID-19 Therapeutics: Research Update” August 2020
9. International Rescue Committee, Somalia Country Clinical Mentors Meeting “COVID-19 in the Elderly” September 2020
10. Philippine Disaster Resilience Foundation. “Upholding Public Confidence for COVID-19 Vaccines”. (Virtual). March 2021.

## GRANTS

CDC-RFA-GH-23-0042 (International Medical Corps)

10/2023-09/2028

Global Emergency Response and Recovery Partner Engagement: Expanding Efforts and Strategies to Improve Rapid Response to Public Health Emergencies Globally

Role: Co-Investigator, (Total Funding TBD)

N62645-14-2-0001 (Clark)

11/2022-10/2023

Department of Defense Naval Medical Logistics Command

*Advanced Technology Evaluation for Disease Outbreak Preparedness: Technical Evaluation of Wearable Biosensor-Based Physiological Monitoring*

This work aims to improve early recognition, diagnosis and clinical management of patients with sepsis in austere settings. My role has been to lead a sub-study to create a new predictive tool for sepsis outcomes using a wearable sensor device linked with a smartphone in Fort Portal Uganda

Role: Consultant, \$21,300

Brown Physicians, Inc.

10/1/2022-3/31/2024

Developing and Validating Context-Appropriate Pediatric Sepsis Prognostic Tools for Resource Limited Settings

Role: Principal Investigator, \$50,000

NIH Fogarty International Center

05/2023-05/2026

Development of a Mobile Health Personalized Physiologic Analytics Tool for Pediatric Patients with Sepsis

Grant Number: R21TW012211

Role: Co- Investigator

Brown Physicians, Inc.

10/1/2021-3/31/2023

Development and Implementation of a Global Health Education Curriculum for Equity, Anti-Racism and Decolonization

Role: Principal Investigator, \$12,500

NIH/National Institutes of Allergy and Infectious Disease/Fogarty International Center

NIH Loan Repayment Program

Developing Mobile Health Tools to Improve the Care of Patients with Acute Diarrhea in Low- and Middle-Income Countries.

Role: PI, \$90,000 award

NIH Fogarty International Center

08/2021-05/2023

Development of a Mobile Health Personalized Physiologic Analytics Tool for Pediatric Patients with Sepsis

Grant Number: R21TW012211

Role: Co- Investigator, \$884,825 total direct costs

NU2GGH002058 (Levine)

06/2017 - 06/2022

United States Centers for Disease Control and Prevention

*Global Emergency Response and Recovery Partner Engagement: Expanding Efforts and Strategies to Improve Rapid Response to Public Health Emergencies Globally*

Role: Co-Investigator

OPP1198876 (Leung)

10/2018 – 04/2020

0.6 calendar months

Bill and Melinda Gates Foundation

\$10,345.50

*Development of a Bayesian diagnostic for etiological management of pediatric diarrhea*

The goal of this project is to use predictive analytics methods to develop a decision support tool to guide healthcare workers in their use of antimicrobials for pediatric diarrhea.

Role: Co-Investigator

N62645-14-2-0001 (Clark)

7/2016-10/2020

1.2 calendar months

Department of Defense Naval Medical Logistics Command

*Austere Environments Consortium for Enhanced Sepsis Outcomes: An Observational Study of Sepsis*

This work aims to improve early recognition, diagnosis and clinical management of patients with sepsis in austere settings. My role has been to lead a sub-study to create a new predictive tool for sepsis outcomes using a wearable sensor device linked with a smartphone in Komfo Anokye Teaching Hospital in Ghana.

Role: Consultant

2017-2018 (Garbern)

University Emergency Medicine Foundation  
Faculty Development Awards - Small Projects Grant  
“Validation of a Biosensor Device for Vital Sign Monitoring in Septic Emergency Department Patients in Rwanda”  
Total Award: \$10,000  
Role: Principal Investigator

Grants Submitted (unfunded):  
March 2019  
Brown Physicians, Inc.  
Predicting Sepsis Outcomes Based on HIV Status Using Personalized Physiologic Analytics

May 2019  
Research for Health in Humanitarian Crises (R2HC)  
“External Validation of a Mobile Phone Application for Improving Screening, Prognosis, and Management of Patients with Ebola Virus Disease in Eastern DRC”

K23AI153386 (Garbern)  
July 2020  
NIH/NIAID \$969,579  
Development of a mobile health tool for appropriate antimicrobial use in patients with acute diarrheal disease  
Role: Principal Investigator

May 2020  
Research for Health in Humanitarian Crises (R2HC)  
Research to support COVID-19 response in humanitarian settings  
“A Household Hygiene and Education Intervention to Prevent COVID19 Infection among High-Risk Patients in the Rohingya Camps: A Randomized Crossover Trial

May 2020  
Pfizer Global Medical Grants  
“A Household Hygiene and Education Intervention to Prevent COVID19 Infection among High-Risk Patients in the Rohingya Camps: A Randomized Crossover Trial

### PROJECTS (Past and Current)

SAEM GEMA Chair  
Decolonizing Global Emergency Medicine Working Group 2020-present  
I lead a working group of approximately 100 faculty, residents, and medical students to develop initiatives to create anti-racist, anti-colonial strategies for the global health and emergency medicine fields.

ACEP International Faculty Lead  
Global EM Student Leadership Program 2020-present  
I serve as faculty mentor and curriculum leader of 18 medical students planning to go into global emergency medicine careers. Students participate in research and educational projects, and receive 1:1 mentorship in global emergency medicine and humanitarian response. careers

### COMMUNITY ENGAGEMENT/VOLUNTEER ACTIVITIES

Volunteer	Amazon Promise Iquitos, Peru 2009
Organizer	Bronx Co-Op City Annual Community Health Fair Bronx, New York 2008-2010
Volunteer Physician	Foundation for African Medicine and Education Karatu, Tanzania 2017
Volunteer Physician	International Medical Corps Emergency Medical Response Team 2018-present
Volunteer Physician	Asylum Network Physicians for Human Rights 2018-present

#### UNIVERSITY TEACHING ROLES

2013-2015	Harvard Medical Language Initiative Volunteer Medical Spanish Instructor Harvard Medical School, Boston, Massachusetts
2017-2018	MPH Thesis Advisor (James Mackey) Master of Public Health student Columbia University School of Public Health (Publications: 1, Abstracts: 2)
2020-2021	MPH Thesis Advisor (Nour Elshabassi) MPH Student Nour Elshabassi Brown University School of Public Health (Publications: 1, Abstracts: 2)
2021	Hack for Humanity Faculty Mentor Center for Human Rights and Humanitarian Studies
2022	Simulation Facilitator Harvard Humanitarian Initiative Humanitarian Response Intensive Course. Boston, MA. May 2022.
2022	Guest Lecturer – Brown University UNIV 450 “Global Perspectives on COVID-19 Vaccine Hesitancy and Public Health Communication” Fall 2022 (Undergraduate class of 60 students)

## HOSPITAL TEACHING ROLES

- 2012           Surgery Grand Rounds  
“Pediatric Clostridium difficile in a Post-Appendectomy Patient: A Case Study”  
Bronx-Lebanon Hospital, Bronx, New York
- 2012-2015     BIDMC Emergency Medicine Resident Conference Lectures  
Beth Israel Deaconess Medical Center, Boston, Massachusetts  
Topics (1 hour each):  
“Massive Upper Gastrointestinal Hemorrhage”  
“Synthetic Drugs of Abuse”  
“Cerebral Protection After Cardiac Arrest”  
“Arsenic Toxicity: Presentation and Management”  
“Ocular Emergencies”  
“Research Conference: Gender-Based Violence Among Syrian Refugees in Lebanon”
- 2015           BIDMC Emergency Medicine Intern Orientation  
Beth Israel Deaconess Medical Center, Boston, Massachusetts  
Topics (1 hour each):  
“Simulation Lab: Emergency Bedside Thoracotomy”  
“Simulation Lab: Slit Lamp Examination”  
“Simulation Lab: Cricothyrotomy”
- 2017           Brown Emergency Medicine Residency  
“Post-Partum Hemorrhage in a Humanitarian Setting”  
Simulation Case Scenario  
Warren Alpert School of Medicine, Brown University, Providence, Rhode Island
- 2018           Liberia Health Workforce Program – Ultrasound Education  
“Abdominal and Gastrointestinal Ultrasound”  
JFK Memorial Medical Center, Monrovia, Liberia
- 2018           Liberia Health Workforce Program – Ultrasound Education  
“Ultrasound Assessment of Deep Venous Thrombosis”  
“Ocular Ultrasound”  
“Aorta Ultrasound”  
JFK Memorial Medical Center, Monrovia, Liberia
- 2018           Brown Emergency Medicine Student Interest Group  
“Global Health Skills Workshop”  
Warren Alpert School of Medicine, Brown University, Providence, Rhode Island
- 2017           Global Emergency Medicine Academy  
Mentor (e-mentoring program)  
Society for Academic Emergency Medicine
- 2019           Doctoring Program  
Directly supervised second-year medical student in doctoring program  
Mentee: John Dibella  
(13 four-hour clinical teaching shifts over academic year)
- 2019-          Simulation Lab Faculty Teacher (3 sessions)

“Status Asthmaticus”  
“Post-Partum Hemorrhage in Resource-Limited Settings”  
“Emergency Pericardiocentesis”  
Brown Emergency Medicine Residency Program

2021-present Faculty  
Mock Oral Sessions (2 sessions over year)  
Brown Emergency Medicine Residency Program

2021-present Faculty Mentor  
Journal Club (1 session per year)  
Brown Emergency Medicine Residency Program

### MENTORING ROLES

2017-2020 Research Mentor for pre-medical student University of Rhode Island / medical student University of Vermont  
Mentee: Nikkole Turgeon  
(Publications: 2)

2018 Research Mentor for medical student MS-III from Michigan State University College of Human Medicine  
Mentee: Vinay Sharma  
Directly supervised student as research assistant on study “Validation of a Biosensor Device for Vital Sign Monitoring in Septic Emergency Department Patients in Rwanda”  
(Publications: 1, Abstracts: 2)

2018 Career mentor for public health and pre-medical student from Boston University School of Public Health  
Mentee: Katherine Valles

2018 Career mentor for public health and pre-medical student from Boston University School of Public Health  
Mentee: Anna Wilson

2018-2019 Research Mentor for Brown Program in Liberal Medical Education student  
Mentee: Oliver Tang  
Directly supervised student as research assistant on study “Validation of a Biosensor Device for Vital Sign Monitoring in Septic Emergency Department Patients in Rwanda”  
(Publications: 1, Abstracts: 2)

2019- Global Health and Research Mentor for Brown University undergraduate student  
Mentee: Phillip Yang  
Directly supervised student as research assistant on global EM projects  
(Publications: 1, Abstract: 1)

2020- Global Health and Research Mentor for Bryant University PA student  
Mentee: Alishia Zyer  
(Publications: 1, Abstract: 2)

- 2020- Global Health and Research Mentor for Brown University undergraduate student  
Mentee: Samika Kanekar  
Directly supervised student as research assistant  
(Publications: 2, Abstract: 1)
- 2020- Global Health and Research Mentor for Brown University medical student  
Mentee: Raina Zhang  
Directly supervised student as research assistant  
(Publications: 1, Abstract: 1)
- 2020- Global Health and Research Mentor for Brown University undergraduate student  
Mentee: Suraya Ortiz
- 2020- Mentor, Global Emergency Medicine Student Leadership Program  
American College of Emergency Physicians, International Section  
(Lead and Mentor for 18 medical students)
- 2021 Mentor, CDC/Ferguson RISE Fellowship, MCHC/RISE-UP, and MCH-LEARN Mentors  
Mentee: Bailey Glenn  
(Publications: 3, Abstracts: 4)
- 2020 Mentor, University of Rwanda Master of Medicine in Emergency Medicine  
Mentee: Doris Uwamahoro  
(Publications: 1, Abstracts: 1)
- 2021 Brown Summer Research Assistantship – Emerging Infectious Disease Scholars (EIDS)  
Mentee: Elizabeth Song  
Directly supervised student as research assistant  
(Publications: 3, Abstracts: 4)
- 2021 Brown Summer Research Assistantship – EM  
Mentee: Jasmine Powell  
Directly supervised student as research assistant  
(Publications: 3, Abstracts: 4)
- 2022- Brown Global EM Student Internship  
Mentee: Celinie Nguyen  
Alpert Medical School MS-1 research intern on systematic review on pediatric sepsis
- 2022- Brown Global EM Student Internship  
Mentee: Jessica Jordan  
Alpert Medical School MS-3 research intern on systematic review on pediatric sepsis
- 2022- Brown Global EM Student Internship  
Mentee: Emma Germano  
Directly supervised Barnard College undergraduate student intern  
(Publications: 2)
- 2023- Brown Global EM Student Internship  
Mentee: Kikuyo Shaw



Directly supervised Brown undergraduate student intern