

ALISON SCHROTH HAYWARD, MD, MPH
Assistant Professor, Department of Emergency Medicine

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EDUCATION

Undergraduate

University of Rochester, Rochester, NY.
English/Biology, B.A.
8/1999-5/2003

Undergraduate Honors

2003 Leah J. Dickstein, MD Award, University of Rochester

Medical School

Penn State College of Medicine, M.D.
8/2003-5/2007

Medical School Honors

2005 Nolan Medical Scholarship, Nolan Medical Scholarship Fund
2006 Wellsford and Mildred Clark Scholarship, Wellsford and Mildred Clark
Scholarship Fund
2006 Kienle Humanitarian Award, Pennsylvania State University College of
Medicine Kienle Center
2007 Award for Excellence in Emergency Medicine, Pennsylvania State University
College of Medicine

Other Advanced Degree

Univ. of Massachusetts School of Public Health, M.P.H.
7/2010-5/2013

POSTGRADUATE TRAINING

Residency

University of Massachusetts
Emergency Medicine Residency Program
Worcester, MA.
7/2007-6/2010

Fellowship

University of Massachusetts
Disaster Medicine and Emergency Preparedness
Department of Emergency Medicine
Worcester, MA
2010-2011

Yale University
Hafler Medical Education Fellowship Program
New Haven, CT
2016

POSTGRADUATE HONORS AND AWARDS

- 2010 **Humanity in Medicine Award**, UMass Medical School, Emergency
Medicine Residency Program
- 2017 **Global EM Education Award** (team award for Practitioner's Guide to Global
Health). Global Emergency Medicine Academy (GEMA) of the Society for
Academic Emergency Medicine (SAEM)
- 2018 **Momentum Award**. Academy of Women in Academic Emergency Medicine
(AWAEM)
- 2019 **Mayo Clinic Alumni Association Humanitarian Award**, Mayo Clinic.
- 2022 **Wellness Award**, Brown Emergency Medicine

PROFESSIONAL LICENSES AND BOARD CERTIFICATIONS

Medical Licenses:

Rhode Island, 2017 (Active)
Connecticut, 2012 (Inactive)
Minnesota, 2011 (Inactive)
Iowa, 2011 (Inactive)
Massachusetts, 2010 (Inactive)

Board Certification:

Diplomate, American Board of Emergency Medicine, 2011 (recertified 2021).

ACADEMIC APPOINTMENTS

- 8/2017-Present Assistant Professor, Emergency Medicine
Brown Alpert School of Medicine, Providence, RI
- 7/2016-6/2017 Assistant Professor, Emergency Medicine
Yale School of Medicine, New Haven, CT
- 6/2013-6/2016 Instructor, Emergency Medicine
Yale School of Medicine, New Haven, CT
- 7/2011-7/2012 Associate Consultant, Emergency Medicine
Mayo Clinic Medical School, Rochester, MN
- 7/2010-6/2011 Instructor, Emergency Medicine
UMass Medical School, Worcester, MA

Departmental Appointments

- 10/2020-current Global Emergency Medicine Education Coordinator

Includes curriculum development, collaboration on educational initiatives in the division, and oversight of the division's monthly educational conferences

Department of Emergency Medicine, Brown University
Alpert School of Medicine, Providence, RI

7/2016-6/2017

Director of Medical Student Education
Department of Emergency Medicine, Yale University
School of Medicine, New Haven, CT

7/2016-6/2017

Director, Emergency Medicine Clerkship
Surgical Approach to Patient Course Yale University
School of Medicine, New Haven, CT

7/2015-7/2016

Associate Clerkship Director, Emergency Medicine
Yale University School of Medicine, New Haven, CT

Hospital Appointments

2017-present

Attending Physician, Brown Emergency Medicine, Rhode Island Hospital, The Miriam Hospital, Newport Hospital, and Women & Infants Hospital, Rhode Island.

2013-2017

Attending Physician, Department of Emergency Medicine, Yale New Haven Hospital, Hospital of Saint Raphael, and Shoreline Medical Center, Connecticut.

2012-2013

Attending Physician, Department of Emergency Medicine, Harrington Hospital and Hubbard Regional Hospital, Massachusetts.

2011-2012

Attending Physician, Department of Emergency Medicine, Saint Marys Hospital, Rochester, Minnesota.

2010-2011

Attending Physician, Department of Emergency Medicine, UMass Medical Center and Marlborough Hospital, Massachusetts.

OTHER APPOINTMENTS

National Appointments

2022-current

Reviewer, *African Journal of Emergency Medicine*

2019-current

Reviewer, *JACEP Open*

2018-current

Reviewer, *Academic Emergency Medicine Education and Training*

2019-current

Global Health Section Editor, Brown EM Blog brownemblog.com

2018-current

Global Emergency Medicine Literature Review – Advisor

2016-2018

Global Emergency Medicine Literature Review – Senior Editor
(English, French, Portuguese)

2015-2016	Global Emergency Medicine Literature Review – Senior Reviewer
2013-2015	Global Emergency Medicine Literature Review - Reviewer
2019-2020	Member, Academic Life in Emergency Medicine Faculty Incubator Program
2012-2014	Columnist on Global Health Ethics, Student Doctor Network, <i>On A Mission</i>
2007-2008	Editor and Staff Writer, Student Doctor Network

State/Regional Appointments

2022-current	Chair, Rhode Island Medical Society Climate Change and Health Committee
2019	Guest editor, <i>Rhode Island Medical Journal</i> Global Health Special Issue
2010-2013	Instructor, Advanced Disaster Life Support Course, Center for Excellence in Emergency Preparedness Education and Training, UMass Memorial Medical Center
2010-2011	Instructor, Hazardous Materials Course, Center for Excellence in Emergency Preparedness Education and Training, UMass Memorial Medical Center

HOSPITAL COMMITTEES

2020-2022	Team Leader, Green Team, Anderson Emergency Department, Rhode Island Hospital
2014-2016	Member, Global Health Programs Committee, Yale-New Haven Hospital
2014-2015	Member, Global Health Emergency Preparedness Task Force, Yale-New Haven Hospital
2011-2012	Member, Emergency Preparedness Committee, St. Marys Hospital
2011-2012	Member, Residency Applicant Selection Committee, Dept. of Emergency Medicine, Mayo Clinic School of Medicine
2011-2012	Chair, Surge Task Force, Dept. of Emergency Medicine, Mayo Clinic School of Medicine
2011-2012	Instructor, Cadaver Procedure Lab, Dept. of Emergency Medicine, Mayo Clinic School of Medicine
2011-2012	Examiner, Mock Oral Boards, Dept. of Emergency Medicine, Mayo Clinic School of Medicine
2011-2012	Member, HazMat Task Force, Dept. of Emergency Medicine, Mayo Clinic School of Medicine
2010-2011	Assistant Director of Curriculum Development, Center for Excellence in Emergency Preparedness Education and Training, UMass Memorial Medical Center
2010-2011	Member, Residency Applicant Selection Committee, Dept. of Emergency Medicine, UMass Medical School
2010-2011	Member, Training and Education Subcommittee of the Emergency Management Steering Committee, UMass Memorial Medical Center

UNIVERSITY COMMITTEES

2020-current	Reviewer, Framework in Global Health Program grants, Brown Global Health Initiative
2018-2020	Medical Faculty Executive Committee, Warren Alpert School of Medicine of Brown University
2014-2017	Clerkship Directors Committee, Yale School of Medicine
2013–2017	Member, Global Health and International Emergency Medicine Fellowship Selection Committee, Department of Emergency Medicine, Yale School of Medicine
2014-2016	Clerkship Rebuild Committee, Yale School of Medicine

MEMBERSHIP/SERVICE IN SOCIETIES

Society for Academic Emergency Medicine (SAEM)

2010-current	Member
2018-2019	Member, Ethics Committee and Social Media Committee

Global Emergency Medicine Academy (GEMA)

2010-current	Member
2016-2017	Chair, Education Committee

Academy for Women in Academic Emergency Medicine (AWAEM)

2017-current	Member
2017-2018	Chair, Global Health Committee and Global Emergency Medicine Academy Liaison
2015-2017	Member, Global Health Interest Group

American College of Emergency Physicians (ACEP)

2010-current	Member
2011-12	Chair, Communications Committee International Emergency Medicine Section

Emergency Medicine Residents' Association (EMRA)

2007-10	Member
2009-10	Program Representative for UMass Emergency Medicine Residency Program
2008-09	Chair, International EM Fellowships Subcommittee, International EM Committee

MomDocFamily (MDF) - Office of Women in Medicine and Science, Alpert Medical School, Brown University

2017-current	Member
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Rhode Island Medical Society (RIMS)

2022-current	Chair, Climate Change & Health Committee
2020-current	Political Action Committee Board of Directors, Member

Rhode Island ACEP (RI ACEP)

2020-current	Board Member and Co-Chair, Political Action Committee (RIEMPAC)
2021-2022	President, Climate Change and Health Committee
2020-2021	Communications Director, Climate Change and Health Committee

COMMUNITY SERVICE

2023-current	Member, Street Medicine team – providing healthcare access to the unsheltered in partnership with House of Hope and Project Weber, Providence RI
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***Uganda Village Project* – 501(c)(3) nonprofit serving rural eastern Uganda**

2020-current	Assistant Chair, Executive Board
2013-2020	Chair of the Executive Board
2003-2013	Co-founder and Executive Director

2015-2018	Treasurer, Executive Board, Women Physicians for Humanity
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PUBLICATIONS LIST

ORIGINAL PUBLICATIONS IN PEER REVIEWED JOURNALS

1. Zhang C, Mosa A, **Hayward A**, Matthews S. Promoting Clean Hands Among Uganda's Children: A School-Based Intervention using Tippy-Taps. *Public Health* 2013 Jun;127(6):586-9.
2. Hansoti B, Weiner SG, Martin IB, Dunlop S, **Hayward AS**, Tupesis JP, Becker TK, Douglass K. Society for Academic Emergency Medicine's Global Emergency Medicine Academy: global health elective code of conduct. *Acad Emerg Med*. 2013 Dec;20(12):1319-20.
3. Lee S, **Hayward A**, Bellamkonda VR. Traumatic lens dislocation. *Int J Emerg Med* 2015 May 27;8:16.
4. **Hayward AS**, Jacquet GA, Sanson T, Mowafi H, Hansoti B. Academic Affairs and Global Health: How Global Health Electives Can Accelerate Progress Towards ACGME Milestones. *Intl J Emerg Med*, 2015 Dec;8(45).
5. Becker TK, Hansoti B, **Hayward AS**, Hexom B, Lunney K, Marsh R, Osei-Ampofo M, Trehan I, Chang J, Levine AC; the Global Emergency Medicine Literature Review (GEMLR) Group. Global Emergency Medicine: A Review of the Literature from 2016. *Acad Emerg Med*. 2017.
6. Douglass K, Jacquet G, **Hayward AS**, Dreifuss B, Tupesis J. Development of a Global Health Milestones Tool for Learners in Emergency Medicine: A Pilot Project. *Academic Emergency Medicine Education and Training*, June 2017;1:269-279.
7. Ngaruiya C, **Hayward AS**, Post L, Mowafi H. Obesity as a form of malnutrition: over-nutrition on the Uganda "malnutrition" agenda. 2017;28(49). *Pan African Medical Journal*.

8. Becker TK, Trehan I, **Hayward AS**, Hexom B, Kivlehan S, Lunney K, Modi P, Osei-Ampofo M, Pousson A, Cho D, Levine AC; the Global Emergency Medicine Literature Review (GEMLR) Group. Global Emergency Medicine: A Review of the Literature from 2017. *Acad Emerg Med*. 2018.
9. Jacquet G, Umoren R, **Hayward AS**, Myers J, Modi P, Dunlop S, Sarfaty S, Hauswald M, Gadiraju S, Hudspeth J, Velji A, Weiner S, Tupesis J. The Practitioner's Guide to Global Health: an Innovative, Interactive, Online, Open-Access, Timeline-Based Curriculum for Medical Learners. *Med Educ Online* 2018; 23:1.
10. **Hayward AS**, Brown K. A Collaborative Family Planning Program in Rural Uganda Utilizing Community Health Workers. *RI Med J* 2019 Sept 3: 102(7)25-27.
11. Moretti K, Karb R, Durand R, Kobayashi L, **Hayward AS**. Wasting No Time: Implementation and the Climate Impact of a Solid Waste Stream in a Large Academic Emergency Department. *RI Med J*, 2021 Nov: 104;34-37.
12. **Hayward AS**. In The End. *Academic Emergency Medicine*, 2021 Nov; 28(11);1350-1351.. doi: 10.1111/acem.14325.
13. **Hayward AS**, Lee SS, Douglass K, Jacquet GA, Hudspeth J, Walrath J, Dreifuss BA, Baird J, Tupesis JP. The Impact of Global Health Experiences on the Emergency Medicine Residency Milestones. *J Med Educ Curric Dev*. 2022 May 11;9:23821205221083755. doi: 10.1177/23821205221083755.
14. Leff R., Selvam A, Bernstein R, Wallace L, **Hayward AS**, Agrawal P, Hersey D, Ngaruiya C. A Review of Interventions for Noncommunicable Diseases in Humanitarian Emergencies in Low- and Middle-Income Countries." *American Journal of Disaster Medicine* [Online], 16.4 (2021): 297-311. Web. 16 May. 2022
15. Brown, KE, **Hayward AS**. Exploring the effects of programmatic intervention on family planning health literacy and contraceptive utilization in eastern Uganda. *Af J Repro Health*, 2022 May;26(4).
16. Ngaruiya C, Bernstein R, Leff R, Wallace L, Agrawal P, Selvam A, Hersey D, **Hayward AS**. Systematic review on chronic non-communicable disease in disaster settings. *BMC Public Health* 22, 1234 (2022).
<https://doi.org/10.1186/s12889-022-13399-z>
17. Kharel R, Baird J, Vaishnav H, Chillara N, Lee JA, Genisca A, **Hayward A**, Uzevski V, Elbenni A, Levine AC, Aluisio AR. Development and assessment of novel virtual COVID-19 trainer-of-trainers course implemented by an academic-humanitarian partnership. *Glob Health Action*. 2022 Dec 31;15(1):2010391. doi: 10.1080/16549716.2021.2010391.

18. **Hayward AS**, Huang L, Nagy J, Moretti K. Pushing for IV Push Medications: Cost Effectiveness Model of Switching from IV Piggyback to IV Push for Frequently Used Emergency Department Antibiotics. *RI Med J*. 2023[in press]
19. Huang L, Rublee K, **Hayward AS**. Pushing for Push Medications. *BMJ*. 2023 [accepted for publication]

OTHER PEER REVIEWED PUBLICATIONS

1. Monte AA, Resop D, **Hayward A**, Boyer EW. Diagnosis and Treatment of the Serotonin Syndrome. *Sociedad Iberoamericana de Informacion Cientifica (SIIC)*, Nov 2009.
2. Becker TK, Jacquet GA, Marsh R, Schroeder ED, Foran M, Bartels S, Duber HC, Cockrell H, Levine AC; the Global Emergency Medicine Literature Review (GEMLR) Group. Global Emergency Medicine: A Review of the Literature from 2013. *Acad Emerg Med*. 2014. (member of the Global Emergency Medicine Literature Review Group)
3. Becker TK, Bartels S, Hansoti B, Jacquet GA, Lunney K, Marsh R, Osei-Ampofo M, Lam C, Levine AC; the Global Emergency Medicine Literature Review (GEMLR) Group. Global Emergency Medicine: A Review of the Literature from 2014. *Acad Emerg Med*. 2015. (member of the Global Emergency Medicine Literature Review Group)
4. Becker TK, Hansoti B, Bartels S, Bisanzo M, Jacquet GA, Lunney K, Marsh R, Osei-Ampofo M, Trehan I, Lam C, Levine AC; the Global Emergency Medicine Literature Review (GEMLR) Group. Global Emergency Medicine: A Review of the Literature from 2015. *Acad Emerg Med*. 2016. (member of the Global Emergency Medicine Literature Review Group)
5. Trehan I, Kivlehan SM, Balhara KS, et al. Global Emergency Medicine: A scoping review of the literature from 2020. *Academic Emergency Medicine* 2021;28(1):117–28 (member of the Global Emergency Medicine Literature Review Group)
6. Kivlehan SM, Hexom BJ, Bonney J, Collier A, Nicholson BD, Quao NSA, Rybarczyk MM, Selvam A, Rees CA, Roy CM, Bhaskar N, Becker TK; Global Emergency Medicine Literature Review (GEMLR) Group. Global emergency medicine: A scoping review of the literature from 2021. *Acad Emerg Med*. 2022 Oct;29(10):1264-1274. doi: 10.1111/acem.14575. (member of the Global Emergency Medicine Literature Review Group)

BOOKS AND BOOK CHAPTERS

1. **Hayward A**, Milsten A. Medical Staff Response to Disasters. In Oxford American Handbook: Disaster Medicine, 1st edition, ed. D. Marcozzi, K. Brinsfield, I. Nemeth, and E. Weinstein, Oxford University Press USA, 2012.

2. **Hayward, A.** Heat Emergencies. In Basic Disaster Life Support Course Manual Version 3.0, ed. R. Swienton, I. Subbarao, American Medical Association USA, 2012.
3. **Hayward AS**, Milsten A. Risk Communication. In: GEMSoft [electronic media]. Lin M, Fraser G, et al (eds). GEMSoft (General Emergency Medicine Software). Queensland, Australia: Pemsoft Pty Ltd., 2014.
4. **Hayward AS**, Milsten A. Basic Principles in Disaster Medicine. In: GEMSoft [electronic media]. Lin M, Fraser G, et al (eds). GEMSoft (General Emergency Medicine Software). Queensland, Australia: Pemsoft Pty Ltd., 2014.
5. **Hayward AS.** Case 49: Implementation of Global Health Programs and Threats to Personal Safety. Global Perspectives on Public Health Ethics: A Casebook. Springer Press, USA, 2016.
6. **Hayward AS.** Case 50: Safe Water Standards and Monitoring of a Well Construction Program. Global Perspectives on Public Health Ethics: A Casebook. Springer Press, USA, 2016.
7. **Hayward AS**, Lee E. Renal and Urogenital Emergencies. Tintinalli's Emergency Medicine Examination and Board Review, 3rd edition. McGraw-Hill, USA, 2018.
8. **Hayward AS**, Wiskel T. Preparation for Precipitous Delivery. Manual of Emergency Medicine Obstetrics, 1st ed. Wolters Kluwer Health, USA, 2020.
9. Zuckerman M, **Hayward AS**. Multiple Resource Theory. Education Theory Made Practical: Volume 4. 1st ed. 2021. Published at International Clinician Educators Blog (ICEBlog) ahead of e-book publication.
<https://icenetblog.royalcollege.ca/2020/03/10/education-theory-made-practical-volume-4-part-6-multiple-resource-theory/>

OTHER NON-PEER-REVIEWED PUBLICATIONS

1. **Hayward AS.** Mission trips should focus on long term solutions. *EM Resident Magazine*, Aug/Sept 2008.
2. Zuckerman M, **Hayward AS**, and Lee E. Is Digital Attendance Enough? Academic Life in Emergency Medicine. <https://www.aliem.com/2019/11/is-digital-attendance-enough/> Published Nov 22, 2019.

ABSTRACTS

International/National

1. Massachusetts ACEP Annual Conference, Waltham, MA, "Use of Continuous ScVO2 Catheters Increases ScVO2 Monitoring and May Improve Outcome of Early Goal Directed Therapy." 2008
2. Society for Academic Emergency Medicine Annual Meeting, Chicago, IL, "Use of Continuous ScVO2 Catheters Increases ScVO2 Monitoring and May Improve Outcome of Early Goal Directed Therapy." 2008
3. Consortium of Universities for Global Health Meeting, Boston, MA, "Global Health Preparation and Reentry Modules: An Innovative, Interactive, Online,

- Open-Access, Modular Curriculum for Global Health Rotations and Projects.” 2015
4. American College of Emergency Physicians Scientific Assembly, Boston, MA. “Global Health Preparation and Reentry Modules: An Innovative, Interactive, Online, Open-Access, Modular Curriculum for Global Health Rotations and Projects.” 2015
 5. Council of Residency Directors in Emergency Medicine Academic Assembly, Nashville, TN. “*The Practitioner’s Guide to Global Health*: Online Interactive Evaluative Preparatory Modules for Students and Residents” 2016
 6. Consortium of Universities for Global Health, Washington, DC. “Development of a Global Health Milestones Tool for Emergency Medicine Trainees: A Pilot Project.” 2017
 7. Non-Communicable Diseases Symposium, Kampala, Uganda. “Food Insecurity and Over and Undernutrition in Rural Uganda: A Cross-Sectional Study.” 2018
 8. Emergency Medicine Society of South Africa, Cape Town, South Africa. “Impact of Global Health Experiences on Emergency Medicine Milestones.” 2019

Regional

1. New England Emergency Medicine Research Directors Regional Meeting, Worcester, MA. “Use of Continuous ScVO₂ Catheters Increases ScVO₂ Monitoring and May Improve Outcome of Early Goal Directed Therapy.” Poster presentation. 2008
2. New England Emergency Medicine Research Directors Regional Meeting, Worcester, MA. “Systematic Review on Chronic Non-Communicable Disease in Disaster Settings.” Poster presentation. 2018
3. New England Emergency Medicine Research Directors Regional Meeting, Worcester, MA. “Global Health Electives and Procedural Experience: Increasing Competency.” Lightning oral presentation. 2018
4. Alpert Medical School Med Ed Day, Providence, RI. “A Social Media-Based COVID-19 Curriculum for Global Emergency Medicine Learners” Poster presentation. 2023

SCHOLARLY WORK PUBLISHED IN OTHER MEDIA

PEER-REVIEWED

1. The Practitioner’s Guide to Global Health. Leader (Massive Open Online Course), Module 1 creation (2015), and core faculty member (2016-2019). <https://www.edx.org/course/practitioners-guide-global-health-bux-globalhealthx>

NON-PEER-REVIEWED

1. [@globalFOAMed](#). Leader, Twitter-based curriculum for emergency medicine residents with interest in global health. 2018-2023

<https://twitter.com/globalfoamed>

NON-PEER-REVIEWED – AUDIO

Evidence Based Global Emergency Medicine: The podcast of the Global Emergency Medicine Literature Review group, discussing the top studies in global EM research.

1. Hayward, A. Podcast creator and host. "Helping Babies Breathe." Evidence Based Global Emergency Medicine. 2022 Nov 3.
<https://podcasts.apple.com/us/podcast/gemlr-podcast/id1653003324>
2. Hayward, A. Podcast creator and host. "The Predictive Capabilities of the CRS." 2023 Jan 15. Evidence Based Global Emergency Medicine.
<https://podcasts.apple.com/us/podcast/gemlr-podcast/id1653003324>
3. Hayward, A. Podcast creator and host. "Evaluation of a Digital Triage Platform in Uganda." 2023 Apr 16. Evidence Based Global Emergency Medicine. <https://podcasts.apple.com/us/podcast/gemlr-podcast/id1653003324>
4. Hayward, A. Podcast creator and host. "Cost Effectiveness of Emergency Care Interventions in Low and Middle Income Countries." 2023 Apr 25. Evidence Based Global Emergency Medicine.
<https://podcasts.apple.com/us/podcast/gemlr-podcast/id1653003324>
5. Hayward, A. Podcast creator and host. "A Shorter Post Exposure Prophylaxis Regimen for Rabies." 2023 Sep 12. Evidence Based Global Emergency Medicine. <https://podcasts.apple.com/us/podcast/gemlr-podcast/id1653003324>

INVITED PRESENTATIONS

International

1. External examiner (remotely), M.Phil in Emergency Medicine dissertation, University of Cape Town, South Africa
2. African Conference on Emergency Medicine, Kigali, Rwanda: "Freely Accessible Medical Education and Social Media" 2018
3. African Conference on Emergency Medicine, Kigali, Rwanda. Emergency medicine abstract session moderator. 2018
4. Splinting and point of care ultrasound workshops, Black Lion Hospital Emergency Medicine Residency, Addis Ababa, Ethiopia 2019
5. Critical images in emergency medicine: review, lecture series (virtual), Mavalane Hospital Emergency Medicine Residency, Maputo, Mozambique 2020
6. "Introduction to Toxicology" for CHUK Emergency Medicine Residency, via tele-teaching virtual lecture, 2021.
7. "Malaria" for CHUK Emergency Medicine Residency, via tele-teaching virtual lecture, 2021.

National

1. Unite for Sight National Convention, New York City, NY: "Volunteer opportunities for medical students - Uganda" 2004
2. International Federation of Medical Students' Associations – USA National Convention, Chicago, IL: "Volunteer opportunities for medical students" Panel member and lecturer. 2005
3. International Federation of Medical Students' Associations – USA National Convention, Baltimore, MD: "Volunteer opportunities for medical students" Panel member and lecturer. 2006
4. International Federation of Medical Students' Associations – USA National Convention, San Diego, CA: "Volunteer opportunities for medical students" Panel member and lecturer. 2007
5. Council of Residency Directors in Emergency Medicine, Phoenix, AZ: Clinical Pathologic Case Discussant, "Dinitrophenol Toxicity" 2015
6. Society for Academic Emergency Medicine, New Orleans, LA: "Global Health and Education Think Tank" 2016
7. Global Emergency Medicine Academy (GEMA) Business Meeting at SAEM, Orlando, FL. "Study on Global Health Electives Impact on Emergency Medicine Milestones" and "A Twitter-Based Curriculum on Global Health for Emergency Medicine Residents." 2017
8. Emergency Medicine Residents' Association International Division at SAEM, Orlando, Florida, "A Twitter-Based Curriculum on Global Health for Emergency Medicine Residents." 2017
9. Society for Academic Emergency Medicine, Orlando, FL. Finalist entrant, "SAEM's Got Talent" Social Media Education Contest. "A Global Health Curriculum on Twitter" 2017
10. Society for Academic Emergency Medicine, webinar panelist. "Global Collaboration for a Healthy Environment" 2021

Regional

1. Pennsylvania State College of Medicine International Health Night, Hershey, PA: "Medical missions: band-aids or true aid?" 2005
2. Hasbro Children's Hospital/Brown Medical School Pediatric Global Health Lecture Series, Providence, RI: "Medical missions: band-aids or true aid?" 2009
3. UMass Emergency Medicine Residency Program Lecture Series, Worcester, MA: "International Medical Electives: Ethical Controversies" 2010
4. Sujal Parikh Social Justice Symposium, University of Michigan, Ann Arbor, MI: "TED Talk: How To Start Your Own Nonprofit" 2011
5. Center for Excellence in Emergency Preparedness Education and Training, UMass Memorial Medical Center, Worcester, MA: "Vulnerable Populations in Disasters" 2011
6. Center for Excellence in Emergency Preparedness Education and Training, UMass Memorial Medical Center, Worcester, MA: "Public Health and Disaster Response" 2011
7. Center for Excellence in Emergency Preparedness Education and Training, UMass Memorial Medical Center, Worcester, MA: "Vulnerable Populations in Disasters" 2011

8. Center for Excellence in Emergency Preparedness Education and Training, UMass Memorial Medical Center, Worcester, MA: "Natural Disaster: Mudslides in Uganda" 2011
9. Center for Excellence in Emergency Preparedness Education and Training, UMass Memorial Medical Center, Worcester, MA: "Vulnerable Populations in Disasters" 2012
10. Center for Excellence in Emergency Preparedness Education and Training, UMass Memorial Medical Center, Worcester, MA: "Health System Surge Capacity for Disasters and Public Health Emergencies" 2012
11. Center for Excellence in Emergency Preparedness Education and Training, UMass Memorial Medical Center, Worcester, MA: "Health System Surge Capacity for Disasters and Public Health Emergencies" and "Field Casualty Exercise" – Advanced Disaster Life Support course. 2013
12. Educational Faculty Development Core Lecture Series, Warren Alpert Medical School of Brown University, Providence, RI: "Providing Effective Feedback on Interprofessional Communications Skills of Residents and Medical Students." 2019
13. Hayward AS, Moretti K, Leytin V. "Three Examples of How Climate Change is a Public Health Crisis RIGHT NOW." Kent Hospital, Warwick, RI. Invited Grand Rounds Lecture. Sept 2020.
14. Department of Anesthesia Grand Rounds. "Responding to Emergencies." Rhode Island Hospital, Providence, RI. Invited guest speaker. August 2023.

GRANTS

1. Agency: Brown University Office of Sustainability and Resiliency
Title: Climate Change and Health Symposium
Amount of grant: \$10,000
Project period: 4/2023-6/2024
2. Agency: Brown Emergency Medicine (Faculty Development Award)
Title: "Effectiveness of Community-Based Water, Sanitation and Hygiene (WASH) Interventions in Rural East Africa"
Amount of grant: \$40,000
Project period: 02/2023-02/2024
3. Agency: Society for Academic Emergency Medicine -Climate Change And Health Interest Group (Small Project Grant)
Title: "Push for Push Medications"
Amount of grant: \$250
Project period: 06/2021-12/2021
4. Agency: USAID
I.D.# TA-CA-15-008, Subaward 5601, CFDA# 10.960
Title: "Nutritional Transformation: Impact Evaluation via the Political and Public Will Approach"
Co-Investigator (P.I.: Lori Post, Ph.D)
Percent effort: 14%
Direct costs per year: \$259,645

- Total costs for project period: \$285,610
Project period: 01/01/2015 – 12/31/2015
5. Agency: ACEP (Section Grants)
Title: “Global Health Preparation and Reentry Modules”
Co-Investigator (P.I.: Gabrielle Jacquet, MD, MPH)
Percent effort: 15%
Total costs for project period: \$6,520
Project period: 6/27/14 – 12/31/15
 6. Agency: TeamHealth
Title: INDO-US Emergency/Trauma Collaborative Grant for Global Emergency Medical Sciences
Principal Investigator
Percent effort: 100%
Total costs for project period: \$3,000
Project period: 10/2010
 7. Agency: Massachusetts ACEP
Title: “Emergency obstetric care in rural Uganda”
Principal Investigator
Percent effort: 100%
Total costs for project period: \$2,000
Project period: 05/01/2009 – 11/30/2009

UNIVERSITY TEACHING ROLES

Undergraduate

2020-2021 Instructor, BIOL1950/1960, Independent Research Study for Brown University undergraduates
2020 Kayla Thompson ‘21
2021 Tania Sawaya ‘22

Graduate

2018 -2021 **Faculty advisor**, Essentials of Procedural Skills. 20 students.
Warren Alpert School of Medicine at Brown University, Providence, RI
2015 -2019 **Faculty**. Practitioner’s Guide to Global Health: Part 1. Massive Open Online Course (MOOC) available at edX.org ~10,000 students
2017 **Small group leader**. Clinical Decisionmaking ~10 students.
Yale School of Medicine, New Haven, CT.
2015 **Workshop leader**. Communications Workshop, Precede 2. ~100 students.
Yale School of Medicine, New Haven, CT

Graduate – Fellow Education

2020-current Faculty, Global Emergency Medicine Fellowship
2022 Instructor, SAEM Resident Research Retreat

Peer to Peer Education

2020-2021 Faculty and Curriculum Development, Project Hope COVID-19
Virtual Course

ADDITIONAL TEACHING AND MENTORSHIP

Research

Undergraduates

Diane Rakotomalala '25
Undergraduate Travel Research Award recipient
“Effectiveness of Community-Based Water, Sanitation and
Hygiene (WASH) Interventions in Rural East Africa”

Tania Sawaya, Brown '22
Independent Study
“Community health workers and nutrition interventions:
literature review”

Medical Students

2022-2023

Lawrence Huang, Brown Alpert Medical School '27
Global Emergency Medicine Internship
“Push For Push Meds”
Author on publication in Rhode Island Medical Journal
Author on pending publication in British Medical Journal

2019-2021

Kelsey Brown, Brown Alpert Medical School '22
Scholarly Concentration
Summer Research Internship
“A Collaborative Family Planning Program in Rural Uganda
Utilizing Community Health Workers”
Author on publication in Rhode Island Medical Journal
Author on publication in African Journal of Reproductive
Health

2017-2022

Sean Lee, Brown Alpert Medical School '21
Global Emergency Medicine Internship
“The Impact of Global Health Experiences on the Emergency
Medicine Residency Milestones”
Author on publication in Journal of Medical Education and
Curricular Development

Master's Students

2022-2023

David Arango, Brown School of Public Health '23
Global Emergency Medicine Internship
“Effectiveness of Community-Based Water, Sanitation and
Hygiene (WASH) Interventions in Rural East Africa”

2022-2023

Lucas Blackmore, Brown School of Public Health '23
Global Emergency Medicine Internship

@globalFOAMed

Presenter, Poster at Alpert Medical School Med Ed Day

Residents

2020-2021

Lindsay Miller (Brown EM Residency '23)

"Emergency Department Medical Procedure-Associated Waste and Sustainability"

Advocacy

Residents

2018-2020

Kelly Wong (Brown EM Residency '21)

"PatientVoting"

Received Brown Emergency Medicine Resident Scholarly Development Award Grant