

CURRICULUM VITAE
Meagan Amelia Barry, MD, PhD, DTM&H, CTropMed

The Warren Alpert Medical School of Brown University
Department of Emergency Medicine
55 Claverick Street,
Providence, RI 02903
meagan_barry@brown.edu

EDUCATION

Undergraduate	2004-2008	Rice University, Houston, TX, Bachelor of Arts in Biological Science, Summa cum laude
Medical School	2009-2017	Baylor College of Medicine, Houston, TX, Doctor of Medicine with Honors, Educational Track in Global Health
Other Advanced Degrees	2011-2016	Baylor College of Medicine, Houston, TX, Doctor of Philosophy, Thesis: A Therapeutic Tc24 Nanoparticle Vaccine Against <i>Trypanosoma cruzi</i> In a Mouse Model of Chagas Disease

POSTGRADUATE TRAINING

Residency

2017-6/2021	Emergency Medicine Residency Distinction in Research Brown Residency International/Global Health Training Scholar, The Warren Alpert Medical School of Brown University, Providence, RI
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Fellowship

7/2021-6/2023	Global Emergency Medicine Fellowship, The Warren Alpert Medical School of Brown University, Providence, RI
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Other

2014	Certificate of Knowledge in Clinical Tropical Medicine and Travelers' Health, American Society of Tropical Medicine and Hygiene
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2014	Diploma in Tropical Medicine, Baylor College of Medicine, Houston, TX
1/2023-3/2023	DTM&H, Gorgas Diploma Course in Clinical Tropical Medicine, Alexander von Humboldt Tropical Medicine Institute, Lima, Peru

POSTGRADUATE HONORS AND AWARDS

2008	Phi Beta Kappa Society, Rice University
2009	Cullen Trust for Higher Education Scholar, Baylor College of Medicine
2011	John Trentin Award for Academic Excellence, Baylor College of Medicine
2015	Deborah K. Martin Achievement Award (Most Outstanding Student), Baylor College of Medicine
2016	Lehmann Outstanding Student Award (Valedictorian), Baylor College of Medicine
2016	Medical Scientist Training Program Thesis Publication Award, Baylor College of Medicine
2017	Alpha Omega Alpha Medical Society, Baylor College of Medicine
2017	Gold Humanism Honor Society, Baylor College of Medicine
2017	Medical Scientist Training Program Best Overall Performance in Medical School, Baylor College of Medicine
2017	The Musher Prize in Adult Infectious Diseases, Baylor College of Medicine
2021	The Gregory D. Jay Resident Research Award, The Warren Alpert Medical School of Brown University
2021	The Robert A. Partridge & Lawrence Proano Global Health Impact Award, The Warren Alpert Medical School of Brown University
12/2025	Outstanding Young Investigator, Brown Emergency Medicine

PROFESSIONAL LICENSES AND BOARD CERTIFICATION

6/2017-6/2021	Limited Physician License, Rhode Island Board of Medical Licensure and Discipline: LP04017
3/2021-	DEA Controlled Substance with X Waiver: XB0059611
3/2021-	Full License, Rhode Island Board of Medical Licensure and Discipline: MD17515
12/2023-	American Board of Emergency Medicine, Board Certified

ACADEMIC APPOINTMENTS

- 8/2021-7/2023 Teaching Fellow, Division of Global Emergency Medicine, Department of Emergency Medicine, The Warren Alpert Medical School of Brown University, Providence, RI
- 8/2023- Assistant Professor, Department of Emergency Medicine, The Warren Alpert Medical School of Brown University, Providence, RI

DEPARTMENT/LEADERSHIP APPOINTMENTS

- 8/2023-7/2024 Student Internship Director, Division of Global Emergency Medicine, Department of Emergency Medicine, The Warren Alpert Medical School of Brown University, Providence, RI
- 1/2024- Research Coordinator, Division of Global Emergency Medicine, Department of Emergency Medicine, The Warren Alpert Medical School of Brown University, Providence, RI
- 8/2025- Co-Lead, Residency Journal Club, Emergency Medicine Residency Program, The Warren Alpert Medical School of Brown University, Providence, RI
- 8/2025- Core Faculty, Emergency Medicine Residency Program, The Warren Alpert Medical School of Brown University, Providence, RI

HOSPITAL APPOINTMENTS

- 7/2017-6/2021 Resident Physician, Hasbro Children's Hospital, Department of Emergency Medicine
- 7/2017-6/2021 Resident Physician, Rhode Island Hospital, Department of Emergency Medicine
- 7/2017-6/2021 Resident Physician, The Miriam Hospital, Department of Emergency Medicine
- 2020 Resident Physician, Newport Hospital, Department of Emergency Medicine
- 8/2021- Attending Physician, Rhode Island Hospital, Department of Emergency Medicine
- 8/2021- Attending Physician, The Miriam Hospital, Department of Emergency Medicine
- 8/2023- Core Faculty, Center for International Health Research, Rhode Island Hospital, Providence, RI
- 2/2024-4/2025 Global Health Affiliated Faculty, Global Health Initiative, Brown University, Providence, RI
- 4/2025- Global Health Affiliated Faculty, Center for Global Health Equity, Brown University, Providence, RI

OTHER APPOINTMENTS

2/2023-	Ad hoc reviewer, PLOS One
9/2024	Grant Reviewer, AKC Canine Health Foundation
10/2024-	Ad hoc reviewer, Rhode Island Medical Journal
2/2025-	Ad hoc reviewer, American Journal of Tropical Medicine and Hygiene

DEPARTMENT COMMITTEES

2017-2019	Housing Coordinator, Member, Recruitment Committee, Emergency Medicine Residency, The Warren Alpert Medical School of Brown University, Providence, RI
2017-6/2021	Co-Chair, Member, Wellness Committee, Emergency Medicine Residency, The Warren Alpert Medical School of Brown University, Providence, RI
2018-2019	Resident Leader, Emergency Medicine Journal Club, Emergency Medicine Residency, The Warren Alpert Medical School of Brown University, Providence, RI
2020-6/2021	Representative, Emergency Medicine Residency Advisory Committee, The Warren Alpert Medical School of Brown University, Providence, RI
5/2023-	Examiner, Mock Oral Boards, Emergency Medicine Residency, The Warren Alpert Medical School of Brown University, Providence, RI
10/2024-	Member, Residency Interview Committee, Emergency Medicine Residency, The Warren Alpert Medical School of Brown University, Providence, RI

HOSPITAL COMMITTEES

2012-2013	Founding President, Infectious Disease Interest Group, Baylor College of Medicine, Houston, TX
2015-2017	Research Coordinator, Emergency Medicine Interest Group, Baylor College of Medicine, Houston, TX
2019-2020	Resident Director, Brown Residency International/Global Health Training Pathway (BRIGHT), The Warren Alpert Medical School of Brown University, Providence, RI
2019-7/2021	House Staff Representative, Graduate Medical Education Committee, The Warren Alpert Medical School of Brown University, Providence, RI
10/2023-	Peer Supporter, Critically Important Peer Support (CIPS) Program, The Warren Alpert Medical School of Brown University, Providence, RI
9/2024-	Reviewer, Lifespan Research Day, Lifespan, Providence, RI
1/2025-	Member, Summer Research Assistantships Review Committee, The Warren Alpert Medical School of Brown University, Providence, RI
6/2026-	Member, Special Pathogens Task Force, Rhode Island Hospital, Providence, RI

UNIVERSITY COMMITTEES

2009-2017	Member, Medical Scientist Training Program Student Operating Committee, Baylor College of Medicine, Houston, TX
2012-2014	Co-chair, Translational Biology and Molecular Medicine Peer Mentoring Program, Baylor College of Medicine, Houston, TX
2013-2016	MD/PhD Student Representative, Medical School Admissions Committee, Baylor College of Medicine, Houston, TX
2013-2017	Founding Vice-chair, Chair, Member, Medical Scientist Training Program Social Committee, Baylor College of Medicine, Houston, TX
2014-2015	Member, Translational Biology and Molecular Medicine Student Seminar Committee, Baylor College of Medicine, Houston, TX
2014-2016	Student Representative, Medical Scientist Training Program Executive Committee, Baylor College of Medicine, Houston, TX
4/2024-4/2025	Member, Global Health Advisory Committee Research Committee, Global Health Initiative, Brown University, Providence, RI
8/2024-5/2026	Member, Fulbright Committee, Brown University, Providence, RI
4/2025-	Co-chair, Member, Global Health Advisory Committee Research Committee, Center for Global Health Equity, Brown University, Providence, RI

OTHER COMMITTEES

2017-2019	Member, RAMS Research Committee, Society for Academic Emergency Medicine
5/2025-	Member, Grants Committee, Society for Academic Emergency Medicine
5/2025-	Treasurer, Global EM Academy, Society for Academic Emergency Medicine

MEMBERSHIP IN SOCIETIES

2012-	Member, American Society of Tropical Medicine and Hygiene
2016-	Member, Society for Academic Emergency Medicine
2017-	Member, American College of Emergency Physicians
2017-	Member, Rhode Island Medical Society
7/2024-	Member, The International Society for Research in Human Milk and Lactation

PUBLICATIONS LIST

* Co-author, ** Mentee

ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS

1. Rodkey TL, Liu S, **Barry M**, McNew JA: Munc18a Scaffolds SNARE Assembly to Promote Membrane Fusion *Mol Biol Cell* 2008; 19:5422-34.
2. Ajami NJ, **Barry MA**, Carrillo B, Muhaxhiri Z, Neill FH, Prasad BVV, Opekun A, Gilger MA, Graham DY, Atmar RL, Estes MK: Antibody Responses to Norovirus Genogroup GI.1 and GII.4 Proteases in Volunteers Administered Norwalk Virus *Clin Vaccine Immunol* 2012; 19(12):1980-3.
3. **Barry MA**, Bezek S, Serpa JA, Hotez PJ, Woc-Colburn L. Neglected infections of poverty in Texas and the rest of the United States: management and treatment options. *Clin Pharmacol Ther.* 2012 Aug;92(2):170-181. PMID: 22760004. <https://doi.org/10.1038/clpt.2012.85>. Epub 2012 Jul 04 †
4. **Barry MA**, Weatherhead JE, Hotez PJ, Woc-Colburn L: Childhood Parasitic Infections Endemic to the United States *Pediatr Clin North Am* 2013; 60(2):471-85. †
5. **Barry MA**, Simon GG, Mistry N, Hotez PJ. Global trends in neglected tropical disease control and elimination: impact on child health. *Arch Dis Child.* 2013 Aug;98(8):635-641. PMID: 23793132. <https://doi.org/10.1136/archdischild-2012-302338>. Epub 2013 Jun 22
6. **Barry MA**, Koshelev MV, Sun GS, Grekin SJ, Stager CE, Diwan AH, Wasko CA, Murray KO, Woc-Colburn L. Cutaneous leishmaniasis in Cuban immigrants to Texas who traveled through the Darién Jungle, Panama. *Am J Trop Med Hyg.* 2014 Aug;91(2):345-347. PMID: 24865687. PMCID: PMC4125260. <https://doi.org/10.4269/ajtmh.14-0124>. Epub 2014 May 27 †
7. Wang Q, Tan MT, Keegan BP, **Barry MA**, Heffernan MJ. Time course study of the antigen-specific immune response to a PLGA microparticle vaccine formulation. *Biomaterials.* 2014 Sep;35(29):8385-8393. PMID: 24986256. <https://doi.org/10.1016/j.biomaterials.2014.05.067>. Epub 2014 Jun 27
8. **Barry MA**, Wang Q, Jones KM, Heffernan MJ, Buhaya MH, Beaumier CM, Keegan BP, Zhan B, Dumonteil E, Bottazzi ME, Hotez PJ. A therapeutic nanoparticle vaccine against *Trypanosoma cruzi* in a BALB/c mouse model of Chagas disease. *Hum Vaccin Immunother.* 2016 Apr 2;12(4):976-987. PMID: 26890466. PMCID: PMC4962947. <https://doi.org/10.1080/21645515.2015.1119346>. Epub 2016 Feb 18
9. **Barry MA**, Murray KO, Hotez PJ, Jones KM. Impact of vectorborne parasitic neglected tropical diseases on child health. *Arch Dis Child.* 2016 Jul;101(7):640-647. PMID: 26921274. <https://doi.org/10.1136/archdischild-2015-308266>. Epub 2016 Feb 26 †
10. Levine AC, **Barry MA**, Agrawal P, Duber HC, Chang MP, Mackey JM, Hansoti B, Global Emergency Medicine Think Tank Clinical Research Working Group. Global Health and Emergency Care: Overcoming Clinical Research Barriers. *Acad Emerg Med.* 2017 Apr;24(4):484-493. PMID: 27976457. <https://doi.org/10.1111/acem.13142>. Epub 2017 Mar 17 †
11. Hansoti B, Aluisio AR, **Barry MA**, Davey K, Lentz BA, Modi P, Newberry JA, Patel MH, Smith TA, Vinograd AM, Levine AC, Global Emergency Medicine Think Tank Clinical Research

- Working Group. Global Health and Emergency Care: Defining Clinical Research Priorities. *Acad Emerg Med*. 2017 Jun;24(6):742-753. PMID: 28103632. <https://doi.org/10.1111/acem.13158>. Epub 2017 Mar 17 †
12. Wang Q, **Barry MA**, Seid CA, Hudspeth EM, McAtee CP, Heffernan MJ. 3M-052 as an adjuvant for a PLGA microparticle-based *Leishmania donovani* recombinant protein vaccine. *J Biomed Mater Res B Appl Biomater*. 2018 May;106(4):1587-1594. PMID: 28804955. <https://doi.org/10.1002/jbm.b.33965>. Epub 2017 Aug 14
 13. Aluisio AR, **Barry MA**, Martin KD, Mbanjumucyo G, Mutabazi ZA, Karim N, Moresky RT, D'Arc Nyinawankusi J, Claude Byiringiro J, Levine AC. Impact of emergency medicine training implementation on mortality outcomes in Kigali, Rwanda: An interrupted time-series study. *Afr J Emerg Med*. 2019 Mar;9(1):14-20. PMID: 30873346. PMCID: PMC6400013. <https://doi.org/10.1016/j.afjem.2018.10.002>. Epub 2018 Oct 13 †
 14. **Barry MA**, Versteeg L, Wang Q, Pollet J, Zhan B, Gusovsky F, Bottazzi ME, Hotez PJ, Jones KM. A therapeutic vaccine prototype induces protective immunity and reduces cardiac fibrosis in a mouse model of chronic *Trypanosoma cruzi* infection. *PLoS Negl Trop Dis*. 2019 May;13(5):e0007413. PMID: 31145733. PMCID: PMC6542517. <https://doi.org/10.1371/journal.pntd.0007413>. Epub 2019 May 30
 15. Gainey M, **Barry M**, Levine AC, Nasrin S. Developing a Novel Mobile Health (mHealth) Tool to Improve Dehydration Assessment and Management in Patients with Acute Diarrhea in Resource-Limited Settings. *R I Med J* (2013). 2019 Sep 3;102(7):36-39. PMID: 31480818. PMCID: PMC7266095. Epub 2019 Sep 03 †
 16. Levine AC, **Barry MA**, Gainey M, Nasrin S, Qu K, Schmid CH, Nelson EJ, Garbern SC, Monjory M, Rosen R, Alam NH. Derivation of the first clinical diagnostic models for dehydration severity in patients over five years with acute diarrhea. *PLoS Negl Trop Dis*. 2021 Mar;15(3):e0009266. PMID: 33690646. PMCID: PMC7984611. <https://doi.org/10.1371/journal.pntd.0009266>. Epub 2021 Mar 10 †
 17. Garbern SC, Chu TC, Gainey M, Kanekar SS, Nasrin S, Qu K, **Barry MA**, Nelson EJ, Leung DT, Schmid CH, Alam NH, Levine AC. Multidrug-resistant enteric pathogens in older children and adults with diarrhea in Bangladesh: epidemiology and risk factors. *Trop Med Health*. 2021 May 10;49(1):34. PMID: 33966631. PMCID: PMC8108363. <https://doi.org/10.1186/s41182-021-00327-x>. Epub 2021 May 10 †
 18. **Barry MA**, Qu K, Gainey M, Schmid CH, Garbern SC, Nasrin S, Alam NH, Lee JA, Nelson EJ, Rosen R, Levine AC. Derivation and Internal Validation of a Score to Predict Dehydration Severity in Patients over 5 Years with Acute Diarrhea. *Am J Trop Med Hyg*. 2021 Aug 16;105(5):1368-1375. PMID: 34398821. PMCID: PMC8592223. <https://doi.org/10.4269/ajtmh.21-0143>. Epub 2021 Aug 16 †
 19. Lee JA, Qu K, Gainey M, Kanekar SS, **Barry MA**, Nasrin S, Alam NH, Schmid CH, Levine AC. Continuous diagnostic models for volume deficit in patients with acute diarrhea. *Trop Med Health*. 2021 Sep 6;49(1):70. PMID: 34488910. PMCID: PMC8422628. <https://doi.org/10.1186/s41182-021-00361-9>. Epub 2021 Sep 06 †

20. Gainey M, Qu K, Garbern SC, **Barry MA**, Lee JA, Nasrin S, Monjory M, Nelson EJ, Rosen R, Alam NH, Schmid CH, Levine AC. Assessing the performance of clinical diagnostic models for dehydration among patients with cholera and undernutrition in Bangladesh. *Trop Med Int Health*. 2021 Nov;26(11):1512-1525. PMID: 34469615. PMCID: PMC9118139. <https://doi.org/10.1111/tmi.13675>. Epub 2021 Sep 16 †
21. **Barry MA**, Colt S, Vargas Z, Barry CV, Tallo V, Sagliba MJ, Amoylen AJ, Friedman JF, McDonald EA. Impaired Intrauterine Growth in the Context of Maternal Hookworm Infection During Gestation. *J Infect Dis*. 2022 May 16;225(10):1856-1860. PMID: 35091745. PMCID: PMC9113511. <https://doi.org/10.1093/infdis/jiac025> †
22. Levine AC, **Barry MA**, Gainey M, Nasrin S, Qu K, Schmid CH, Nelson EJ, Garbern SC, Monjory M, Rosen R, Alam NH. Correction: Derivation of the first clinical diagnostic models for dehydration severity in patients over five years with acute diarrhea. *PLoS Negl Trop Dis*. 2022 Dec;16(12):e0011026. PMID: 36584025. PMCID: PMC9803166. <https://doi.org/10.1371/journal.pntd.0011026>. Epub 2022 Dec 30 †
23. Levine AC, Gainey M, Qu K, Nasrin S, Sharif MB, Noor SS, **Barry MA**, Garbern SC, Schmid CH, Rosen RK, Nelson EJ, Alam NH. A comparison of the NIRUDAK models and WHO algorithm for dehydration assessment in older children and adults with acute diarrhoea: a prospective, observational study. *Lancet Glob Health*. 2023 Nov;11(11):e1725-e1733. PMID: 37776870. PMCID: PMC10593153. [https://doi.org/10.1016/S2214-109X\(23\)00403-5](https://doi.org/10.1016/S2214-109X(23)00403-5). Epub 2023 Sep 27 †

OTHER PEER-REVIEWED PUBLICATIONS

1. **Barry M**, Allister L: Tuberculous Pleural Effusion. *Brown Emergency Medicine Blog*
2. **Barry M**, Hayward A: Intra-erythrocytic, Ring Formed Parasites: A Diagnosis of Malaria or Babesiosis? *Brown Emergency Medicine Blog*
3. Wilson G, **Barry M**: Tick Bite Tachycardia. *Brown Emergency Medicine Blog*

ABSTRACTS

1. **Barry MA**, Koshelev MV, Murray KO, Woc-Colburn L. “Cutaneous Leishmaniasis in Cuban immigrants to Texas who traveled through the Darien Jungle, Panama.” Oral presentation. Presented at the James Steele Conference on Diseases in Nature Transmissible to Man, Dallas, TX, 2013. †
2. **Barry MA**, Koshelev MV, Murray KO, Woc-Colburn L. “Cutaneous Leishmaniasis in Cuban immigrants to Texas who traveled through the Darien Jungle, Panama.” Poster presentation. Presented at the American Society of Tropical Medicine & Hygiene Annual Meeting, Washington, DC, 2013. †
3. **Barry MA**, Wang Q, Beaumier CM, Jones KM, Keegen BP, Bottazzi ME, Heffernan MJ, Hotez PJ. “A therapeutic nanoparticle vaccine against *Trypanosoma cruzi* in a mouse model of Chagas disease.” Oral presentation. Presented at the American Society of Tropical Medicine & Hygiene Annual Meeting, New Orleans, LA, 2014.

4. **Barry MA**, Respress JL, Jones KM, Wang Q, Bottazzi ME, Heffernan MJ, Hotez PJ. "Non-invasive functional cardiac monitoring in a mouse model of chagasic cardiomyopathy to evaluate a new therapeutic vaccine." Poster presentation. Presented at the American Society of Tropical Medicine & Hygiene Annual Meeting, Philadelphia, PA, 2015.
5. **Barry MA**, Wang Q, Beaumier CM, Jones KM, Keegen BP, Bottazzi ME, Heffernan MJ, Hotez PJ. "A therapeutic nanoparticle vaccine against *Trypanosoma cruzi* in a mouse model of Chagas disease." Oral presentation. Presented at the Tropical Medicine in the Gulf of Mexico, Merida, Mexico, 2015.
6. **Barry MA**, Gainey M, Nasrin S, Alam NH, Nelson EJ, Schmid CH, Garbern SC, Qu K, Levine AC. "Clinical Predictors of Severe Dehydration in Adults and Older Children with Acute Diarrheal Disease in Bangladesh." Poster presentation. Presented at the American Society of Tropical Medicine & Hygiene Annual Meeting, Virtual meeting, 2020. †
7. **Barry MA**, Colt C, Vargas Z, Tallo V, Sagliba MJ, Amoylen AJ, Friedman JF, McDonald EA. "Maternal Schistosomiasis and Alterations in Breast Milk Composition." Oral presentation. Presented at the American Society of Tropical Medicine & Hygiene Annual Meeting, Seattle, WA, 2022. †
8. **Barry MA**, Colt C, Vargas Z, Tallo V, Sagliba MJ, Amoylen AJ, Friedman JF, McDonald EA. "Maternal Schistosomiasis is Associated with Decreased Breast Milk Secretory IgA and Impaired Infant Growth." Oral presentation. Presented at the New England Regional Meeting of the Society for Academic Emergency Medicine, Worcester, MA, 2023. †
9. **Barry MA**, Lawson J, Wallace JR, Tallo V, Sagliba MJ, Amoylen AJ, Friedman JF, Bailey JA, Ragavendran A, McDonald EA. "Gut dysbiosis in maternal helminth infection." Poster presentation. Presented at the American Society of Tropical Medicine & Hygiene Annual Meeting, New Orleans, LA, 2024. †
10. **Barry MA**, Colt S, Tallo V, Sagliba MJ, Amoylen AJ, Friedman JF, Bailey JA, Sen S, McDonald EA. "Human milk composition changes in maternal schistosomiasis." Poster presentation. Presented at the The International Society for Research in Human Milk and Lactation Conference, Charleston, SC, 2024. †
11. Ahuja N, Oduor C, Tallo V, Sagliba MJ, Amoylen AJ, Friedmany JF, Bailey JA, **Barry MA**. "Impact of Maternal Underweight Status on Human Milk miRNA Profiles In The Philippines." Poster presentation. Presented at the Center for Global Health Equity Global Health Research Day, Providence, RI, 2025.
12. **Barry MA**, Bryan PE, Romero M, Sanchez M, Torres G, Gomez W, Restrepo M, Restrepo A, Mejia R. "Longitudinal high prevalence of intestinal parasites in preschool children despite anti-parasitic treatment in urban Colombia." Oral presentation. Presented at the American Society of Tropical Medicine & Hygiene Annual Meeting, Toronto, Canada, 2025.
13. **Barry MA**, Cortes EG, Garbern SC, Lin T, Jarabana S, Baird J, Amanullah S. "Sexually transmitted infection co-testing in patients with urinary tract infections in Emergency Departments Nationally." Oral presentation. Presented at the Society for Academic Emergency Medicine New England Regional Meeting, Worcester, MA, 2026.

14. **Barry MA**, Cortes EG, Garbern SC, Lin T, Jarabana S, Baird J, Amanullah S. "Sexually transmitted infection co-testing in patients with urinary tract infections in Emergency Departments Nationally." Oral presentation. Presented at the Society for Academic Emergency Medicine Annual Meeting, Atlanta, GA, 2026.
15. **Barry MA**, Garbern SC, Lin T, Jarabana S, Baird J, Amanullah S. "Emergency Department management of urinary tract infections in the United States of America between 2016-2020." Poster presentation. Presented at the International Conference on Emergency Medicine, Hamburg, Germany, 2026.
16. **Ahuja N****, Oduor C, Tallo V, Sagliba MJ, Amoylen AJ, Friedman JF, Bailey JA, **Barry MA**. "Maternal Undernutrition Impacts Human Milk miRNA Expression in the Philippines." Poster presentation. Presented at the American Society of Tropical Medicine & Hygiene Annual Meeting, National Harbor, MD, 2026.

† Diversity, Equity, and Inclusion (DEI) activity

INVITED PRESENTATIONS

Regional

1. Schistosomiasis at the intersection of maternal and child health, Invited Lecture, Department of Emergency Medicine Works in Progress Series, The Warren Alpert Medical School of Brown University, 1/2026

National

1. Maternal helminthiasis and child growth, Invited Lecture, Department of Medicine Research Seminar Series, UMass Chan Medical School, 5/2025

International

1. "Risk Communication: SARS -CoV-2, COVID-19.", Workshop, Project HOPE, 2020-7/2021
2. "Surveillance: SARS -CoV-2, COVID-19." Virtual, Workshop, Project HOPE, 2020-7/2021

GRANTS:

ACTIVE GRANTS

1. Oh-Zopfi Perinatal Research Award, Brown University 7/2024-9/2026 \$25,000
and Women & Infants Hospital
Breast milk miRNA and infant growth and
neurodevelopmental outcomes
Role: PI

2.	Brown Physicians Inc. Breast milk miRNA profile and infant growth trajectory over two years Role: PI	10/2024-	\$50,000
3.	1K08HD118259 NICHD The role of human milk miRNA at the intersection between maternal health and child growth and immune development Role: PI	9/2026-	\$837,720

COMPLETED GRANTS

1.	Center for Globalization, Baylor College of Medicine Student Global Scholarly Activity Grant † Role: PI	2013	\$3,500
2.	American Society of Tropical Medicine and Hygiene Benjamin H. Kean Travel Fellowship in Tropical Medicine † Role: PI	2017	\$1,000
3.	Cain Foundation, Baylor College of Medicine Cain Foundation Scholarship † Role: PI	2017	\$3,500
4.	NIH National Institute on Drug Abuse HIV and Other Infectious Consequences of Substance Abuse Institutional National Research Service Award (T32) Role: Recipient (PI: Flanigan, T)	2/2022-1/2024	
5.	Brown University Framework in Global Health Scholarship † Role: PI	4/2023	\$5,000
6.	1P20GM156688 NIGMS The Role of Environmental Enteric Dysfunction in Drug Absorption and the Pathogenesis of Anemia Among Young Children with Pathogens Affecting the Gut Role: PI † Diversity, Equity, and Inclusion (DEI) activity	8/2025-8/2026	\$1,046,746

UNIVERSITY TEACHING ROLES

Resident

2017	“Other headache treatments.”, Lecturer, Emergency Medicine Residency Conference, The Warren Alpert Medical School of Brown University. Providence, RI
2019	“Toxicology’s three little steps.”, Lecturer, Emergency Medicine Residency Conference, The Warren Alpert Medical School of Brown University. Providence, RI
2020	“Bouncebacks.”, Lecturer, Emergency Medicine Residency Conference, The Warren Alpert Medical School of Brown University. Providence, RI
6/2021	“A good day’s sleep: Sleep and Emergency Medicine shift work.”, Lecturer, Emergency Medicine Residency Conference, The Warren Alpert Medical School of Brown University. Providence, RI

ADVISING AND MENTORING ROLES

2014	Munir Buhaya, MD 21, Research Mentor, Center for Vaccine Development, Baylor College of Medicine, Houston, TX
2018-2019	Jesus Aguirre, MD 21, Clinical Mentor, Doctoring Course, The Warren Alpert Medical School of Brown University, Providence, RI
7/2021-	Resident Family Parent, Mentees: 8 residents, Residency Mentor, Emergency Medicine Residency, The Warren Alpert Medical School of Brown University, Providence, RI
1/2022-12/2022	Anusha Srinivasan, Research Mentor, Center for International Health Research, The Warren Alpert Medical School of Brown University, Providence, RI
9/2023-5/2026	Nimrit Ahuja, Undergraduate Thesis Mentor, Center for International Health Research, The Warren Alpert Medical School of Brown University, Providence, RI
7/2024-	Arpita Chaudhuri, MD '24, Residency Mentor, Emergency Medicine Residency, The Warren Alpert Medical School of Brown University, Providence, RI