

**MARK F. BRADY**  
**CURRICULUM VITAE**  
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[mark.brady@brownphysicians.org](mailto:mark.brady@brownphysicians.org)

**EDUCATION**

|                        |   |
|------------------------|---|
| Undergraduate          | Providence College,<br>BS (Biology Major, Math Minor)<br>1998-2002  |
| Honors                 | Valedictorian<br>4.0 GPA  |
| Medical School         | Brown University Medical School<br>MD<br>2003-2009  |
| Other Advanced Degrees | Harvard School of Public Health<br>MPH in Quantitative Methods<br>2009<br><br>Brown University Medical School<br>MMSc, Biomechanical Engineering<br>2009<br><br>London School of Hygiene and Tropical Medicine<br>DTM&H<br>2013 |

**POSTGRADUATE TRAINING**

|            |   |
|------------|---|
| Fellowship | NIH-Fogarty International Center<br>Johns Hopkins/ Universidad Peruana Cayetano Heredia,<br>Lima, Peru<br>2007-2008<br>Clinical Research Fellowship |
|------------|---|

Residency  
Yale-New Haven Hospital  
2009-2013  
Residency in Emergency Medicine  
Chief Resident 2012-2013

**POSTGRADUATE HONORS AND AWARDS**

Cine Paris Film Festival Award Winner 2023  
The Impact DOCS Awards Winner 2023  
Sweden Film Awards Winner 2023  
Stockholm City Film Festival Winner 2023  
Student Los Angeles Film Awards Finalist 2023  
Oniros Film Awards Finalist 2023  
San Francisco Arthouse Short Festival  
Semi-Finalist 2023  
San Jose Independent Film Festival  
Semi-Finalist 2023  
Chicago Filmmaker Awards Semi-Finalist 2023  
Istanbul Movie Awards Semi-Finalist 2023  
Dallas Movie Awards Festival Semi-Finalist 2023  
Dallas Shorts Semi-Finalist 2023  
Kansas City Independent Film Festival  
Semi-Finalist 2023  
Film Festival Screenings: 2023  
Aphrodite Film Awards, Tri-Cities  
International Film Festival, European  
Short Awards, The First-Time Filmmaker  
Launchpad Series, New York Science and  
Nature Feedback Film Festival, International  
Social Change Film Festival, Denver  
Monthly Film Awards

|   |   |
|---|---|
| Shortfest Local Jury Award  | Palm Springs International Film Society<br>2021                                       |
| Nominated for National Emmy<br>Best Short Documentary                         | National Academy of Television Arts & Sciences<br>2021                                |
| 4 under 40 Award  | Rhode Island Medical Society<br>2020-2021   |
| Silver in 3 Categories:<br>Documentary, Social Impact,<br>Health and Wellness | Telly Awards<br>2020  |
| Award of Merit Special Mention:<br>Documentary Short                          | The Impact DOC Awards<br>2020   |
| The Colorado Dragon Boat Film Festival  | 2020  |
| FREEP Film Festival   | 2020  |
| Featured on NYTimes OpDocs<br>EXCEL Award Finalist                            | 2020<br>Association of Media and Publishing<br>2019                                   |
| Audience Choice Award   | Denver Film Festival<br>2019  |
| Nashville International Film Festival   | 2016  |
| Emmy Award  | National Academy of Television Arts & Sciences<br>Boston/ New England Chapter<br>2015 |
| Saint Louis International Film Festival                                       | 2015  |
| American Society of<br>Association Executives                                 | Gold Circle Award<br>2014   |
| Bronze for Education and Charitable/<br>Not-for-profit                        | The Telly Awards<br>2014  |

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|---|---|
| The Gold Humanism Honor Society   | 2013  |
|   | Global Health Scholar- Travel Grant<br>Yale/Stanford Johnson & Johnson Global<br>Health<br>Scholar  |
| JFK Medical Center  | Monrovia, Liberia 2013<br>\$3000  |
|   | Global Health Scholar Yale/Stanford Johnson &<br>Johnson Global Health<br>Educational Grant Scholar |
| London School of Hygiene<br>And Tropical Medicine   | 2012<br>\$3500  |
| Harold A. Berry Scholarship and<br>Scholarship from Charles H. Smith<br>and Bequest for MPH studies | Harvard School of Public Health<br>2009   |
| Discovery Health Channel  | Discovery Health Channel Intern<br>2009   |
| Travel Grant to Present Research at<br>Union World Conference on Lung Health<br>In Paris            | International Clinical Research Fellow<br>2008<br>\$2000  |
| Fogarty Fellowship in Global Health<br>and Clinical Research  | NIH<br>2007   |
| David E. Rogers Fellowship  | New York Academy of Medicine<br>2004<br>\$3000  |
| Travel Fellowship   | Brown International Health Institute<br>2004<br>\$2000  |

## **MILITARY SERVICE**

US Navy Commander (O-5)  
Medical Corps

2012-Present

Warfare Device

Fleet Marine Force Qualified Officer

## **DEPLOYMENTS**

Operation Inherent Resolve

Combat Zone in the Middle East  
Force Surgeon, Special Purpose Marine Air  
Ground Task Force Crisis Response Central  
Command (SPMAGTF-CR-CC 18.2)  
Feb. 9, 2018- Jan. 11, 2019

Operation Gotham COVID-19  
Federal Emergency Response

Elmhurst Hospital, Queens, New York City, NY  
Attending Emergency Physician  
April 5- May 26, 2020

## **MILITARY LEADERSHIP ROLES**

Assistant Senior Medical Executive

Operational Health Support Unit Camp Lejeune  
2014-2016

Assistant Promotion Board Recorder

Navy Medical Corps, Millington, TN  
February 22- March 3, 2017

Force Surgeon

Special Purpose Marine Air Ground Task Force  
Crisis Response Central Command  
(SPMAGTF-CR-CC 18.2)  
2018-2019

Officer in Charge

Virtual Detachment Surgical Company B, 4<sup>th</sup>  
Marine Division  
2019-2020

Innovation Officer

Surgical Company B. 4<sup>th</sup> Marine Division.  
2019-2021

Medical Director

Newport Navy Reserve Medical Clinic, Newport  
Navy Base, RI  
2020- Present

Deputy Director of Maritime Operations

Navy Medicine Readiness and Training Command  
(NMRTC) Bethesda  
Bethesda, MD

2023- Present

**MILITARY COURSES/ADDITION QUALIFICATIONS**

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|--|--|
| Direct Commissioned Officer<br>Indoctrination Course                 | Newport Navy Base, Newport, RI<br>April 12-25, 2014  |
| Norfolk Naval Base Navy Reserve<br>Unit Manager's Course             | Norfolk, VA.<br>February 21-26, 2016   |
| Operational Medicine Conference                                      | Camp Lejeune, NC<br>June 9-12, 2016  |
| Joint Professional Military Education Phase I                        | Graduated Air University Air Command and<br>Staff College, Maxwell Airforce Base, AL,<br>Distance Education Program<br>July 24, 2018 |
| Advanced Readiness Officer Course                                    | June 15-26, 2020   |
| Senior Officer Leadership Course                                     | January 23-24, 2021  |
| Navy Reserve Unit Manager's Course                                   | February 8-12, 2021  |
| Tactical Combat Casualty Care (TCCC)<br>Medical Provider Course      | 1st Battalion, 25th Marines<br>June 12, 2021   |
| MedXellence Senior Medical Officer Course                            | June 21-24, 2021   |
| Damage Control Wet Trainer "Buttercup" and<br>Shipboard Firefighting | Newport Naval Base, RI<br>June 6-7, 2022   |
| Commander Amphibious Task Force - Surgeon<br>(CATF-S) course         | Surface Warfare Medical Institute<br>San Diego, CA<br>September 26-30, 2022  |

**FIELD EXERCISES/DIRECT MEDICAL SUPPORT**

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| Attending Emergency Physician            | Rota Navy Base, Rota, Spain<br>February 14-March 1, 2015                         |
| Emergency Physician                      | Yokosuka Naval Base Emergency<br>Department, Yokosuka, Japan.<br>May 16-27, 2015 |
| Department Head for Emergency Department | Operation Northern Lights, Fort McCoy, WI  |

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|   | August 12-16, 2016  |
| Medical Officer, Shock Trauma Platoon   | Operation Eager Lion, Jordan<br>May 3-23, 2017  |
| Senior Medical Officer,<br>Shock Trauma Platoon   | Operation Global Medic, Fort McCoy, WI,<br>August 9-22, 2019  |
| Attending Emergency Physician   | Rota Navy Base, Rota, Spain<br>February 8-21, 2020  |
| Field Hospital Senior Medical Officer,<br>in support of 1st Battalion   | 25th Marine's Rifle Range Ft. Devens, MA.<br>June 7-16, 2021.   |
| Global Health Engagement team<br>Hand selected from 5th Fleet   | Navy Central Command to Haifa Naval<br>Base, Israel to Lecture, Give Ultrasound<br>Training, Shipboard Joint Training with<br>the Israeli Navy.<br>March 26- April 1, 2022. |
| Attending Emergency Physician   | Walter Reed National Medical Center,<br>Bethesda, MD.<br>April 3-16, 2022   |
| NASA Artemis I Orion Capsule Recovery<br>USS Portland LPD-27<br>Pacific Ocean   | Senior medical officer on amphibious<br>carrier tasked with recovery of Orion<br>command module from sea.<br>November 25- December 15, 2022.                                |
| Naval Special Warfare Instructor<br>Fallon, NV  | Field evolution on prolonged field care with<br>Tier One Group Special Operations<br>Consultants.<br>Jan 15-19, 2023.   |
| Attending Emergency Physician   | Naval Medical Center Portsmouth,<br>Portsmouth, VA.<br>March 5-18, 2023.  |
| Operation Bushmaster Faculty<br>Uniformed Service University of Health Sciences<br>Capstone Field Medical Exercise              | Fort Indiantown Gap, PA<br>Oct 15-21, 2023.   |
| Operation Nordic Response<br>Joint training exercise led by Norwegian forces<br>involving Norway, Finland and Sweden, that will | Arctic Circle<br>March 18-29, 2024.   |

provide the opportunity for full-spectrum, multi-domain operations in the north Arctic along with Joint Land Component Commands - USMC Marine Rotational Force-Europe (MRF-E). The exercise is designed to foster communication, exchange best practices, and observe equipment used by allies, utilizing a U.S. RC ERSS (clinical SMEs) team serve as an augment to a Norwegian frigate's Role 1 capability and observe how their Norwegian counterpart receives, treats, and transports patients to a higher level of care in the Norwegian civilian healthcare system.

## **MILITARY AWARDS**

Navy Commendation Medal

2023

Meritorious performance of duty while serving as Officer in Charge, Virtual Detachment, Surgical Company Bravo and Battalion Innovation Officer, 4th Medical Battalion, 4th Marine Logistics Group from August 2019 to February 2021. Commander Brady directly managed and coordinated administrative requirements for 8 officers and 28 enlisted cross assigned members. Commander Brady mobilized with Navy Medical Support Team to New York City in response to the COVID-19 pandemic, providing 132 hours of attending physician coverage in a unit that treated over 155 patients per day. As Battalion Innovation Officer, Commander Brady secured 2 of the 8 finalist positions in the 2020 Innovation Challenge for 4th Marine Logistics Regiment. By his exceptional professional ability, initiative, and total devotion to duty, Commander Brady reflected credit upon himself and was in keeping with the highest traditions of the Marine Corps and the United States Naval Service.

Navy Achievement Medal

2020

Professional achievement in the superior performance of his duties while serving as Medical Officer, Headquarters and Service Company, 1st Battalion, 25th Marines, 4th Marine Division from 6 June to 19 June 2021. During this period, Commander Brady volunteered to support the Battalion's two week annual field training exercise in the absence of the Battalion's permanently assigned Medical Officer despite having to work three previously assigned shifts in the Emergency Room at his civilian occupation, working more than 30 hours without rest on three separate occasions. Commander Brady treated 65 Marines, including 8 serious injuries and illnesses, and instructed fourteen embedded Corpsmen of the Battalion Aid Station, enabling the Battalion to maintain a high state of training and medical readiness. He delivered over twenty classes on medical subjects to include emergency medicine, heat casualty assessment, and zoonotic diseases. Additionally, he certified ten EPHAs and signed off on two packages, improving the medical readiness of the command. Commander Brady's dedication, leadership, and resourcefulness reflect credit upon him and were in keeping with the highest traditions of the United States Naval Service.

Humanitarian Service Medal

2020



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|---------------------------|------|
| Meritorious Service Medal | 2019 |
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For outstanding meritorious service while serving as Force Surgeon, Special Purpose Marine Air Ground Task Force-Crisis Response-Central Command, Naval Amphibious Force, Task Force 51/Sth Marine Expeditionary Brigade, from December 2017 to December 2018. Lieutenant Commander Brady demonstrated outstanding leadership in directing 169 Navy medical personnel across two rotations to provide force health protection to the Command's 2000 personnel and to support operations in 10 countries. He helped innovate a joint Role 2 light maneuver medical capability, stood up a new joint critical care ambulance service at Al Jaber Air Base, and provided process improvements leading to decreased recovery times for Marines and Sailors. He co-directed the Al Jaber Role 1 Joint Clinic, overseeing more than 6,000 patient encounters. He directed his staff in tracking and coordinating 47 air and 130 ground patient movements for over 480 patients across the theater. Lieutenant Commander Brady provided rare deployed opportunities for professional medical development by serving as the Medical Director of an Emergency Medical Technician-Basic Course, coordinating live tissue training evolutions, and publishing articles, book chapters, and a book. Lieutenant Commander Brady's exceptional professionalism, personal initiative, and loyal devotion to duty reflected great credit upon himself and were in keeping with the highest traditions of the Marine Corps and the United States Naval Service.

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| Global War on Terror Expeditionary Medal | 2019 |
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| Armed Forces Reserve Medal with Mobilization Device | 2019 |
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| Navy Expert Pistol Marksman | 2018 |
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| Navy Sharpshooter Rifle Marksman | 2021 |
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| National Defense Service Medal | 2012 |
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**PROFESSIONAL LICENSES AND BOARD CERTIFICATION**

|                            |           |
|----------------------------|-----------|
| Medical Doctor, CT, 050700 | 2012-2013 |
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| Medical Doctor, TN, 50282 | 2013-2020 |
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| Medical Doctor, MS, 22704 | 2013-2020 |
|---------------------------|-----------|

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|---|------|
| American Board of Emergency Medicine Certification #53640 | 2014 |
|---|------|

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|-----------------------------|--------------|
| Medical Doctor, RI, MD17161 | 2020-Present |
|-----------------------------|--------------|

**ACADEMIC APPOINTMENTS**

|   |  |
|---|--|
| Assistant Professor of Emergency Medicine | University of Tennessee Health Science Center, Memphis, TN<br>2015-2020    |
| Assistant Professor of Emergency Medicine | Alpert Medical School at Brown University, Providence, RI<br>2020-Present  |
| Associate Professor of Emergency Medicine | University of Tennessee Health Science Center, Memphis, TN<br>2020-Present |

**HOSPITAL APPOINTMENTS**

|                     |  |
|---------------------|--|
| Attending Physician | Baptist DeSoto Hospital, Southaven, MS<br>2013-2016                        |
| Attending Physician | Methodist University Hospital, Memphis, TN<br>2015-2021                    |
| Attending Physician | Regional One Health, Memphis, TN<br>2017-2021                              |
| Attending Physician | Rhode Island Hospital Emergency Department, Providence, RI<br>2020-Present |
| Attending Physician | Newport Hospital, Newport, RI<br>2020-Present                              |
| Attending Physician | The Miriam Hospital, Providence, RI<br>2020-Present                        |

**DEPARTMENTAL LEADERSHIP APPOINTMENTS**

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|-------------------|--|
| Research Director | University of Tennessee Health Science Center, Department of Emergency Medicine<br>2015-2020 |
|-------------------|--|

**AREA OF FOCUS LEADERSHIP APPOINTMENTS**

Chief Operating Officer  
Alternate Care Site, Memphis, TN  
401 Bed COVID-19 Facility

2020-2021

**OTHER APPOINTMENTS/CONSULTANT**

Somalia National Tuberculosis Control Program  
Reference Laboratory

Consultant  
2013

Triage Films, LLC  
Video production company making socially  
impactful documentaries and videos

CEO  
2014-2022

Colorado Hospital Association Opioid Initiative  
Opioid Reduction Consulting

Consultant  
2018- Present

American Board of Emergency Medicine  
Standards Setting Committee

Member  
2019

Advanced Analgesia 501c(3)  
Nonprofit dedicated to advancing regional  
pain block education worldwide

Board Member  
2023-present

The Lake Clinic-USA  
Nongovernmental organization providing medical care  
and health education to the villages and communities  
located in remote and isolated regions of the Tonle Sap  
Lake area in central Cambodia

Board Member  
2023-present

**HOSPITAL COMMITTEES**

Emergency Department Flow Committee

Methodist University Hospital  
Memphis, TN  
Member  
2015-2020

Emergency Department Patient Experience Committee

Methodist University Hospital

Memphis, TN  
Member  
2015-2020

### UNIVERSITY COMMITTEES

|  |  |
|--|--|
| Emergency Medicine Clinical Curriculum Committee | University of Tennessee Health<br>Science Center<br>Memphis, TN<br>Member<br>2015-2020 |
| Emergency Medicine Program Evaluation Committee  | University of Tennessee Health<br>Science Center<br>Memphis, TN<br>Member<br>2015-2020 |

### MEMBERSHIP IN SOCIETIES

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|--|----------------------------------|
| American College of Emergency Physicians (ACEP)<br>TN Alternate Counselor to National ACEP Scientific Assembly<br>50th Anniversary Working Group | Fellow 2015<br>2016<br>2017-2018 |
| Emergency Medicine Residents' Association (EMRA)   | 2009- present                    |

### PUBLICATIONS LIST

#### ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS

1. Langer P, Fadale P, Hulstyn M, Fleming BC, **Brady MF**. Survey of orthopaedic and sports medicine physicians regarding use of Medrol dosepak for sports injuries. *Journal of Arthroscopy*. Dec 2006;22(12):1263-1269 e1262. PMID: 17157723.
2. Teeple E, Fleming BC, Mechrefe AP, Crisco JJ, **Brady MF**, Jay GD. *Frictional properties of Hartley guinea pig knees with and without proteolytic disruption of the articular surfaces*. *Osteoarthritis and Cartilage*. Mar 2007;15(3):309-315. PMID: 17010648.
3. **Brady MF**, Bradley MP, Fleming BC, Fadale PD, Hulstyn MJ, Banerjee R. Effects of initial graft tension on the tibiofemoral compressive forces and joint position after anterior cruciate ligament reconstruction. *American Journal of Sports Medicine*. Mar 2007;35(3):395-403. PMID: 17218659.

4. Myung P, Pugatch D, **Brady MF**, Many P, Harwell JI, Lurie M, Tucker J. *Directly observed highly active antiretroviral therapy for HIV-infected children in Cambodia. American Journal of Public Health. Jun 2007;97(6):974-977. PMID: 17463375.*
5. **Brady MF**, Coronel J, Gilman RH, Moore DAJ (2008). *The MODS method for diagnosis of tuberculosis and multidrug resistant tuberculosis. Journal of Visualized Experimentation. Aug 2008;(17). pii: 845. doi: 10.3791/845. PMID: 19066507.*
6. Markiewicz MR, **Brady MF**, Ding E, Dodson TB. *Corticosteroids reduce postoperative morbidity following third molar surgery: A meta-analysis. Journal of Oral and Maxillofacial Surgery. Sep 2008;66(9):1881-94. PMID: 18718396.*
7. Fleming BC, **Brady MF**, Bradley MP, Banerjee R, Hulstyn M, Fadale P. *Tibiofemoral compression force differences using laxity- and force-based initial graft tensioning techniques in the ACL-reconstructed knee. Journal of Arthroscopy. Sep 2008;24(9):1052-60. PMID: 18760214.*
8. Bae WH, Salas A, **Brady MF**, Coronel J, Colombo CGL, Castro B, Gilman RH, Moore DAJ. *Reducing the string test intra-gastric downtime for detection of M. tuberculosis. International Journal of Tuberculosis and Lung Disease. Dec 2008;12(12):1436-40. PMID: 19017454.*
9. Bern C, Verastegui M, Gilman RH, Lafuente C, Galdos-Cardenas G, Calderon M, Pacori J, Del Carmen Abastoflor M, Aparicio H, **Brady MF**, Ferrufino L, Angulo N, Marcus S, Sterling C, Maguire JH. *Congenital Trypanosoma cruzi transmission in Santa Cruz, Bolivia. Clinical Infectious Diseases. Dec 2009;49(11):1667-74. PMID: 19877966.*
10. Reddy KP, **Brady MF**, Gilman RH, Coronel J, Ñavincopa M, Ticona E, Chavez G, Sánchez E, Rojas C, Solari L, Valencia J, Pinedo Y, Benites C, Friedland JS, Moore DAJ. *MODS for Tuberculosis Screening Prior to Isoniazid Preventive Therapy in HIV-Infected Persons: Major Article. Clinical Infectious Diseases. Apr 2010;50(7):988-96. PMID: 20192727.*
11. Dominguez M, Smith A, Luna G, **Brady MF**, Austin-Breneman J, Lopez S, Yataco R, Moore DAJ. *Use of the MIT D-lab electricity-free PortaTherm incubator for remote testing with the QuantiFERON-TB Gold In-Tube assay. International Journal of Tuberculosis and Lung Disease. Nov 2010 Nov;14(11):1468-74. PMID: 20937189.*
12. Justice JM, Holley J, **Brady MF**, Walker JR. *Association of Race and Socioeconomic Status with the Rate of Bystander-Initiated CPR: How Far Have We Come? Journal of the American College of Emergency Physicians Open. May 21, 2020. <https://doi.org/10.1002/emp2.12095> PMID: 33000068.*
13. Stader D, Wald H, MacKay DR, Mannerings A, Valuck R, Kuljis D, **Brady MF**. *Alternatives to Opioids Protocols in Colorado Emergency Departments Reduce Opioid*

*Use without Changing Reported Pain.* Journal of the American College of Emergency Physicians Open. Oct 12, 2020. <https://doi.org/10.1002/emp2.12263> PMID: 33392555.

14. Arnold CA, Walker JR, Metter J, Young S, **Brady MF**. *Pulse oximeter plethysmograph waveform and automated oscillometric sphygmomanometer for ankle-brachial index measurement.* The American Journal of Emergency Medicine. 2021 Feb;40:162-165. doi: 10.1016/j.ajem.2020.10.042. Epub 2020 Oct 28. PMID: 33143956
15. **Brady MF**, Weber NK, Walker III R, Holley JE, Ni SA, Young S, Monhollon ED, Carpenter RS, Tsao JW. *Feasibility of manual ventilation replacing mechanical ventilation.* BMJ Innovations. 2021 April; 7(2):297-301. doi: 10.1136/bmjinnov-2020-000524
16. Ni S, Walker III R, Carpenter R, Holley J, **Brady MF**. *Manual Ventilation Performance by EMS Responders.* Prehospital Emergency Care. 2022 Apr 20;1-8. doi: 10.1080/10903127.2022.2066234. PMID: 35442149.
17. Carpenter RS, Ni Sa, Walker JR III, **Brady MF**, et al. *Iatrogenic Lung Injury: Using a Mechanical Flow Limiter to Reduce Unsafe Manual Ventilation Practices.* Acad Emerg Med, 29: S8-S429. <https://doi.org/10.1111/acem.14511>. Published May 17, 2022.
18. **Brady MF**, Kumar P, Currier C, Ruha AM. *Treatment of Scorpion Envenomations in the Middle East: Understanding the Stinging Controversy.* Journal of Wilderness and Environmental Medicine. <https://doi.org/10.1016/j.wem.2023.01.001>. Published March 3, 2023.
19. Castaneda-Guarderas A, **Brady MF**, Bruccoleri R. *Dermal Toxicity from a Paraquat-Poisoned Patient's Urine.* R I Med J (2013). 2023 Jun 1;106(5):40-41. PMID: 37195161.
20. Ni S, Hawkins B, **Brady MF**. *A Novel Approach to the Treatment of a Stingray Injury to the Abdomen.* R I Med J (2013). 2023 Sep 1;106(8):9-10. PMID: 37643332.

## BOOKS

1. *Bring 'EM All*. First ed. Stader DE, Donihoo RS, **Brady MF**, editors. Dallas, TX: American College of Emergency Physicians; 2018. ISBN-13: 978-0998891279. Photo-essay book published by the American College of Emergency Physicians about emergency care workers. Taken from concept to publication in October 2018. Managed a budget of \$400,000, executed photo shoots and interviews of 50 subjects in 17 cities and 19 institutions, collected more than 24,000 photos and 75 hours of interviews.
2. *Nerve Blocks and Procedural Pain Management Guide*. First ed. **Brady MF** and Stader DE, editors. Dallas, TX: Emergency Medicine Residents' Association; 2023. ISBN-12: 978-1929854738.

Illustrated bedside guide to teach physicians how to do ultrasound guided regional pain blocks in the acute care setting. 30,000 copies in the first print run, giving for free to every new emergency medicine intern for 5 years.

#### ELECTRONIC APPLICATIONS (APPS)

1. EMRA Regional Analgesia. Pierce L, Stader D and Brady MF, editors. Apple App Store, available October, 2023.

#### BOOK CHAPTERS

1. **Brady MF.** *Encyclopedia entry: Marasmus. In: Zhang Y, editor. Encyclopedia of Global Health. Thousand Oaks, CA: Sage Publications Inc; January 9, 2008. ISBN-13: 9781412941860.*
2. **Brady MF.** *Encyclopedia entry: Background radiation. In: Zhang Y, editor. Encyclopedia of Global Health. Thousand Oaks, CA: Sage Publications Inc; January 9, 2008. ISBN-13: 9781412941860.*
3. **Brady MF.** *Encyclopedia entry: Neuropsychologist. In: Zhang Y, editor. Encyclopedia of Global Health. Thousand Oaks, CA: Sage Publications Inc; January 9, 2008. ISBN-13: 9781412941860.*
4. **Brady, MF.** *Book chapter: De Quervain's Tenosynovitis. In: Ferri F, editor. Ferri's Clinical Advisor 2010. St. Louis, MO: Elsevier. ISBN-13: 9780323056090.*
5. **Brady, MF.** *Book chapter: Dumping Syndrome. In: Ferri F, editor. Ferri's Clinical Advisor 2010. St. Louis, MO: Elsevier. ISBN-13: 9780323056090.*
6. **Brady, MF.** *Book chapter: Hiatal Hernia. In: Ferri F, editor. Ferri's Clinical Advisor 2010. St. Louis, MO: Elsevier. ISBN-13: 9780323056090.*
7. **Brady, MF.** *Book chapter: Histiocytosis X. In: Ferri F, editor. Ferri's Clinical Advisor 2010. St. Louis, MO: Elsevier. ISBN-13: 9780323056090.*
8. **Brady, MF.** *Book chapter: Serotonin Syndrome. In: Ferri F, editor. Ferri's Clinical Advisor 2010. St. Louis, MO: Elsevier. ISBN-13: 9780323056090.*
9. **Brady, MF.** *Book chapter: Waldenstrom's Macroglobulinemia. In: Ferri F, editor. Ferri's Clinical Advisor 2010. St. Louis, MO: Elsevier. ISBN-13: 9780323056090.*
10. **Brady MF, Moore CL.** *Book Chapter: Chronic Obstructive Pulmonary Disease. In: Lewiss RE, Sault T, Shah K, eds. Essential Emergency Imaging. Philadelphia, PA: Lippincott, Williams & Wilkins; August 19, 2011. ISBN-13: 978-1608318933.*
11. **Brady, MF.** *Book chapter: Cavernous Sinus Thrombosis. In: Ferri F, editor. Ferri's*

- Clinical Advisor 2011. St. Louis, MO: Elsevier. ISBN-13: 9780323056106.*
12. **Brady, MF.** *Book chapter: Neurofibromatosis. In: Ferri F, editor. Ferri's Clinical Advisor 2011. St. Louis, MO: Elsevier. ISBN-13: 9780323056106.*
  13. **Brady, MF.** *Book chapter: Pheochromocytoma. In: Ferri F, editor. Ferri's Clinical Advisor 2011. St. Louis, MO: Elsevier. ISBN-13: 9780323056106.*
  14. **Brady, MF.** *Book chapter: Von Hippel-Lindau Disease. In: Ferri F, editor. Ferri's Clinical Advisor 2011. St. Louis, MO: Elsevier. ISBN-13: 9780323056106.*
  15. **Brady, MF.** *Book chapter: Postconcussive Syndrome. In: Ferri F, editor. Ferri's Clinical Advisor 2011. St. Louis, MO: Elsevier. ISBN-13: 9780323056106.*
  16. **Brady, MF.** *Book chapter: De Quervain's Tenosynovitis. In: Ferri F, editor. Ferri's Clinical Advisor 2012. St. Louis, MO: Elsevier. ISBN-13: 978-0323056113.*
  17. **Brady, MF.** *Book chapter: Dumping Syndrome. In: Ferri F, editor. Ferri's Clinical Advisor 2012. St. Louis, MO: Elsevier. ISBN-13: 978-0323056113.*
  18. **Brady, MF.** *Book chapter: Hiatal Hernia. In: Ferri F, editor. Ferri's Clinical Advisor 2012. St. Louis, MO: Elsevier. ISBN-13: 978-0323056113.*
  19. **Brady, MF.** *Book chapter: Histiocytosis X. In: Ferri F, editor. Ferri's Clinical Advisor 2012. St. Louis, MO: Elsevier. ISBN-13: 978-0323056113.*
  20. **Brady, MF.** *Book chapter: Serotonin Syndrome. In: Ferri F, editor. Ferri's Clinical Advisor 2012. St. Louis, MO: Elsevier. ISBN-13: 978-0323056113.*
  21. **Brady, MF.** *Book chapter: Waldenstrom's Macroglobulinemia. In: Ferri F, editor. Ferri's Clinical Advisor 2012. St. Louis, MO: Elsevier. ISBN-13: 978-0323056113.*
  22. **Brady, MF.** *Book chapter: Von Hippel-Lindau Disease. In: Ferri F, editor. Ferri's Clinical Advisor 2012. St. Louis, MO: Elsevier. ISBN-13: 978-0323056113.*
  23. **Brady, MF.** *Book chapter: Postconcussive Syndrome. In: Ferri F, editor. Ferri's Clinical Advisor 2012. St. Louis, MO: Elsevier. ISBN-13: 978-0323056113.*
  24. **Brady, MF.** *Book chapter: Cavernous Sinus Thrombosis. In: Ferri F, editor. Ferri's Clinical Advisor 2013. St. Louis, MO: Elsevier. ISBN-13: 978-0323083737.*
  25. **Brady, MF.** *Book chapter: Dumping Syndrome. In: Ferri F, editor. Ferri's Clinical Advisor 2013. St. Louis, MO: Elsevier. ISBN-13: 978-0323083737.*
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27. **Brady, MF.** *Book chapter: Histiocytosis X.* In: Ferri F, editor. Ferri's Clinical Advisor 2013. St. Louis, MO: Elsevier. ISBN-13: 978-0323083737.
28. **Brady, MF.** *Book chapter: Neurofibromatosis.* In: Ferri F, editor. Ferri's Clinical Advisor 2013. St. Louis, MO: Elsevier. ISBN-13: 978-0323083737.
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31. **Brady, MF.** *Book chapter: Waldenstrom's Macroglobulinemia.* In: Ferri F, editor. Ferri's Clinical Advisor 2013. St. Louis, MO: Elsevier. ISBN-13: 978-0323083737.
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41. **Brady, MF.** *Book chapter: Dumping Syndrome.* In: Ferri F, editor. Ferri's Clinical Advisor 2017. St. Louis, MO: Elsevier. ISBN-13: 978-0323280488.

42. **Brady, MF.** *Book chapter: Hiatal Hernia. In: Ferri F, editor. Ferri's Clinical Advisor 2017. St. Louis, MO: Elsevier. ISBN-13: 978-0323280488.*
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46. Patra C, **Brady MF.** Physiology, Bundle of His Treasure Island (FL): StatPearls Publishing; 2018Jan. Chapter article-18702 PubMed [book] PMID: 30285393.
47. Ojeda Rodriguez JA, **Brady MF.** Pneumonia, Psittacosis Treasure Island (FL): StatPearls Publishing; 2018Jan. Chapter article-27960 PubMed [book] PMID: 30252261.
48. **Brady MF,** Burns B. Airway, Obstruction Treasure Island (FL): StatPearls Publishing; 2018Jan. Chapter article-17310 PubMed [book] PMID: 29261942.
49. **Brady MF,** Bhimji SS. Acanthosis Nigricans Treasure Island (FL): StatPearls Publishing; 2018Jan. Chapter article-17054 PubMed [book] PMID: 28613711.
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56. Patrick, B and **Brady, MF.** *Book Chapter: Pheochromocytoma. In: Ferri F, editor. Ferri's Clinical Advisor 2018. St. Louis, MO: Elsevier. ISBN-13: 978-0323280495.*

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60. Box, A and **Brady, MF**. *Book chapter: Opioid Overdose. In: Ferri F, editor. Ferri's Clinical Advisor 2019. St. Louis, MO: Elsevier. ISBN-13: 978-0323530422.*
61. Patra, C and **Brady, MF**. *Book chapter: Sciatica. In: Ferri F, editor. Ferri's Clinical Advisor 2019. St. Louis, MO: Elsevier. ISBN-13: 978-0323530422.*
62. Smith, D and **Brady, MF**. *Book chapter: Viral Bronchiolitis. In: Ferri F, editor. Ferri's Clinical Advisor 2019. St. Louis, MO: Elsevier. ISBN-13: 978-0323530422.*
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69. Meeks, R and **Brady, MF**. *Book chapter: Chalazion. In: Ferri F, editor. Ferri's Clinical Advisor 2020. St. Louis, MO: Elsevier. ISBN-13: 978-0323672542.*
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73. Box, A and **Brady, MF**. *Book chapter: Opioid Overdose. In: Ferri F, editor. Ferri's Clinical Advisor 2020. St. Louis, MO: Elsevier. ISBN-13: 978-0323672542.*
74. Patra, C and **Brady, MF**. *Book chapter: Sciatica. In: Ferri F, editor. Ferri's Clinical Advisor 2020. St. Louis, MO: Elsevier. ISBN-13: 978-0323672542.*
75. Austin, M and **Brady, MF**. *Book chapter: Serotonin Syndrome. In: Ferri F, editor. Ferri's Clinical Advisor 2020. St. Louis, MO: Elsevier. ISBN-13: 978-0323672542.*
76. Choe, C and **Brady, MF**. *Book chapter: Dumping Syndrome. In: Ferri F, editor. Ferri's Clinical Advisor 2020. St. Louis, MO: Elsevier. ISBN-13: 978-0323672542.*
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79. Goold, M and **Brady, MF**. *Book chapter: Von Hippel- Lindau Disease. In: Ferri F, editor. Ferri's Clinical Advisor 2020. St. Louis, MO: Elsevier. ISBN-13: 978-0323672542.*
80. Schaffner, A and **Brady, MF**. *Book chapter: Aphthous Ulcers. In: Ferri F, editor. Ferri's Clinical Advisor 2021. St. Louis, MO: Elsevier. ISBN-13: 978-0323713337.*
81. Lowery, CL and **Brady, MF**. *Book chapter: Constipation. In: Ferri F, editor. Ferri's Clinical Advisor 2021. St. Louis, MO: Elsevier. ISBN-13: 978-0323713337.*
82. Ni, S and **Brady, MF**. *Book chapter: Dumping Syndrome. In: Ferri F, editor. Ferri's Clinical Advisor 2021. St. Louis, MO: Elsevier. ISBN-13: 978-0323713337.*
83. Mertz, B and **Brady, MF**. *Book chapter: Hypoglycemia. In: Ferri F, editor. Ferri's Clinical Advisor 2021. St. Louis, MO: Elsevier. ISBN-13: 978-0323713337.*
84. White, P and **Brady, MF**. *Book chapter: Ischemic Colitis. In: Ferri F, editor. Ferri's Clinical Advisor 2021. St. Louis, MO: Elsevier. ISBN-13: 978-0323713337.*
85. Pinkston, J and **Brady, MF**. *Book chapter: Large Bowel Obstruction. In: Ferri F, editor. Ferri's Clinical Advisor 2021. St. Louis, MO: Elsevier. ISBN-13: 978-0323713337.*
86. **Brady, MF**. *Book chapter: Opioid Overdose. In: Ferri F, editor. Ferri's Clinical Advisor*

2021. St. Louis, MO: Elsevier. ISBN-13: 978-0323713337.

87. York, R and **Brady, MF**. Book chapter: Diplopia. In: Ferri F, editor. Ferri's Clinical Advisor 2022. St. Louis, MO: Elsevier. ISBN-13: 978-0323755702.
88. Currier, C and **Brady, MF**. Book chapter: Viral Bronchiolitis. In: Ferri F, editor. Ferri's Clinical Advisor 2022. St. Louis, MO: Elsevier. ISBN-13: 978-0323755702.
89. **Brady, MF**. Book chapter: Von Hippel- Lindau Disease. In: Ferri F, editor. Ferri's Clinical Advisor 2022. St. Louis, MO: Elsevier. ISBN-13: 978-0323755702.
90. Isenock, C and **Brady, MF**. Book chapter: Diplopia. In: Ferri F, editor. Ferri's Clinical Advisor 2023. St. Louis, MO: Elsevier. ISBN-13: 978-0323755733.
91. McGuire, L and **Brady, MF**. Book chapter: Viral Bronchiolitis. In: Ferri F, editor. Ferri's Clinical Advisor 2023. St. Louis, MO: Elsevier. ISBN-13: 978-0323755733.
92. Kasthuri, V and **Brady, MF**. Book Chapter: Bronchiolitis. In: Ferri F, editor. Ferri's Clinical Advisor 2024. St. Louis, MO: Elsevier.
93. Homer, A and **Brady, MF**. Book Chapter: Bronchiolitis. In: Ferri F, editor. Ferri's Clinical Advisor 2025. St. Louis, MO: Elsevier.

#### **OTHER NON-PEER REVIEWED PUBLICATIONS**

1. **Brady MF**. The Angkor What? Lifelines (Dartmouth Medical School Literary Journal). 2004;1:50-53.
2. Ni S, Walker III R, Holley J, **Brady MF**. Featured Article: Manual Ventilation Performance by EMS Responders. EMS Airway. Feb 11, 2021.  
<https://www.emsairway.com/2021/02/11/manual-ventilation-performance-by-ems-responders/>

#### **SCHOLARLY WORK PUBLISHED IN OTHER MEDIA**

1. **Migraines** (Television program) *Medical writer*- Discovery Health Channel one-hour on air program and continuing medical education package on Migraine Headaches. 2009.
2. **Diabetes** (National high school curriculum) *Medical writer*- Discovery Education educational lesson plan on Diabetes utilized in high school classrooms across the country. 2009.
3. **Ending the Stigma of Opioid Use Disorder** (Educational Video)- *Producer*- January 2020- Short video produced for the American College of Emergency Physicians as part of a campaign to reduce stigma for this population <https://www.acep.org/by-medical-focus/mental-health-and-substanc-use-disorders/stigma/>

4. **Patient Communication in the Emergency Department using the ICARE tool** (Educational video)- *Producer and writer*- August 2021- Short patient communication video produced for the Brown University Department of Emergency Medicine <https://vimeo.com/589449726/a924efa3a1>
5. **Palliative** (Documentary)- *Producer, Videographer*- Independent documentary about pediatric palliative end-of-life care in Detroit shot over four years. 2018
6. **Dying in Your Mother’s Arms** (Documentary)- *Producer*- Alternate cut of the above 2020 <https://www.nytimes.com/2020/08/11/opinion/dying-in-your-mothers-arms-palliative.html>
7. **Reverend Smalley** (Documentary)- *Producer*- Independent documentary following a pastor and her granddaughter through a terminal illness in Detroit. Submitted to film festivals. 2020
8. **24|7|365: The Evolution of Emergency Medicine** (Documentary)- *Executive producer and writer*- Independent documentary narrated by Anthony Edwards on the history of Emergency Medicine, aired on PBS <https://www.emra.org/about-emra/publications/legacy-documentary/>  
Oversaw project from concept to distribution, eight additional short “bonus” videos completed, raised over \$650,000, secured distribution on PBS and video on demand services. 2013
  - a. Eight additional short documentary segments were also produced as part of this project:
    - i. *War and EM* <https://vimeo.com/105436133>
    - ii. *Creating EMS* <https://vimeo.com/105433713>
    - iii. *Good Days Bad Days* <https://vimeo.com/105435618>
    - iv. *Emergency Medicine Goes Global* <https://vimeo.com/105434731>
    - v. *Pioneering Women* <https://vimeo.com/105433106>
    - vi. *What it Takes* <https://vimeo.com/105436780>
    - vii. *Building the Specialty* <https://vimeo.com/105442585>
    - viii. *Directing the Documentary* <https://vimeo.com/105437311>
9. **A World of Hurt: How Medical Malpractice Fails Everyone** (Documentary)- *Producer, Videographer*- Independent documentary examining the devastating impact of medical malpractice on patients, doctors, and society as a whole. Has been screened at over a dozen film festivals. 2023

## **PUBLICATIONS SUBMITTED**

1. Lord K, Walker III R, Reich M, Gringer S, Smartt C, **Brady MF**. *Reductions in emergency department electronic prescriptions of opioids due to decreasing default quantities varies between service and training level*. Journal of Education and Training in Emergency Medicine. Submitted Sept 2023.

- Justice JM, Slutsky AS, Stanford N, Isenock C, Siddiqui S, Zamir H, Walker JR, **Brady MF**. *Bag size matters: An assessment of ventilation using adult and pediatric manual resuscitators in a simulated adult patient.* Respiratory Care. Submitted Sept 2023.

## **ABSTRACTS**

- Brady MF**, Arevalo E. *Queen replacement after queen removal in *P. dominulus*.* Society for Molecular Biology and Evolution, Yale University, New Haven, CT, June 17-20, 2000.
- Arevalo E, **Brady MF**, Queller D, Cervo R, Turillazzi S, Strassmann J. *Conflicts of interest in the paper wasp *Polistes dominulus*: a comparative study.* Joint Meeting of the Society for the Study of Evolution, Society of Systematic Biologists, and American Society of Naturalists, California State University at Chico, CA, June 20-24, 2003
- Seitaboth S, **Brady MF**, Lurie M, Akao K, Hendricks K, Pugatch D. *Malnutrition in HIV infected Cambodian children.* Abstract B10504. 15<sup>th</sup> International AIDS Conference, Bangkok, Thailand, July 11-16, 2004.
- Seitaboth S, Guhadasan R, Sullivan S, **Brady MF**. *Clinical and laboratory response to antiretroviral treatment in HIV-infected Cambodian children.* Abstract SUBP0117. International Congress on AIDS in Asia and the Pacific, Kobe, Japan, July 1-5, 2005.
- Brady MF**, Fleming B, Bradley M, Banerjee R, Badger G, Fadale P, Hulstyn M. *Effects of Initial Graft Tension on the Tibiofemoral Compressive Forces and Joint Position Following ACL Reconstruction.* Paper No: 0197. Presented at the Orthopaedic Research Society Annual Meeting, Chicago, IL, March 19-22, 2006. Published in Transactions of the Orthopaedic Research Society, Vol. 31, 2006.
- Teeple E, Fleming BC, Mechrefe AP, **Brady MF**, Jay GD, Crisco JJ, Gomez N. *The Frictional Properties of Hartley Guinea Pig Knees With and Without Simulated Osteoarthritis Using a Modified Stanton Pendulum Technique.* Paper No: 1563. Presented at the Orthopaedic Research Society Annual Meeting, Chicago, IL, March 19-22, 2006. Published in Transactions of the Orthopaedic Research Society, Vol. 31, 2006.
- Pallant A, Kao R, **Brady MF**, Machan J, Rockney R. *Medical Student Specialty Selections: A National Survey.* Presented at Pediatric Academic Society Annual Meeting, San Francisco, CA, April 29- May 2, 2006. Published in Teaching and Learning in Medicine. 2007;19(1):88-89.
- Bradley MP, Fleming BC, **Brady MF**, Banerjee R, Fadale P, Hulstyn M. *Compression Force and Laxity Differences Using Different Initial Graft Tensioning Techniques in the Human Cadaver ACL Reconstructed Knee.* Presented at the European Society of Sports Traumatology, Knee Surgery, and Arthroscopy 12th International Congress, Innsbruck,

Austria, May 24-27, 2006. Published in the Journal of Arthroscopy, June 2006; 22(6): e26-e27.

9. Myung PD, **Brady MF**, Many S, Tucker J, Harwell J, Lurie M and Pugatch D. *Directly observed HAART treatment of HIV-infected children in Cambodia. Abstract MOPE0244. 16<sup>th</sup> International AIDS Conference, Toronto, Canada, August 13-18, 2006.*
10. Langer P, Fadale P, Hulstyn M, **Brady MF**. *International Survey of the Entire AANA and AOSSM Membership Regarding Medrol Dosepak Use for Routine Sports Injuries. Presented at the 53<sup>rd</sup> Annual Meeting of the American College of Sports Medicine, Denver, CO, May 31-June 3, 2006. Presented at the 6th Biennial ISAKOS (The International Society of Arthroscopy, Knee Surgery and Orthopaedic Sports Medicine) Congress, Florence, Italy, May 27 – 31, 2007. Published in Medicine and Science in Sports and Exercise. 2006;38(5):Supplement.*
11. Markiewicz M, **Brady MF**, Chuang S, Dodson T. *Corticosteroids Reduce Postoperative Morbidity Following Third Molar Surgery: A Meta-analysis. Presented at the American Association for Dental Research Annual Meeting, Dallas, TX, April 2-5, 2008. Published in the Journal of Dental Research. 2008;87(Special Issue A).*
12. Calderon M, LaFuente C, Galdos G, Abastoflor M, Fitzwater S, Aparicio H, **Brady MF**, Ferrufino L, Verastegui M, Gilman RH, Naquira C, Bern C for the Chagas Disease Working Group in Peru and Bolivia. *Use and optimization of PCR assays for a study of congenital Chagas disease in Bolivia. The DMID International Research in Infectious Diseases Meeting, Bethesda, MD, May 28-30, 2008.*
13. Mantari AKA, Zimic M, Moore DAJ, Gilman RH, **Brady MF**. *Computer pattern recognition of Mycobacterium tuberculosis in MODS culture. 39th Union World Conference on Lung Health, Paris, France, October 16-20, 2008.*
14. **Brady MF**, Stader D, Kraus C, Fusaro A. *A Video History of the International Federation for Emergency Medicine and the Evolution of International Emergency Medicine. International Conference on Emergency Medicine. Hong Kong. June 11, 2014.*
15. Stader D, **Brady MF**, Kraus C, Fusaro A. *The Creation of Emergency Medicine's Historical Documentary 24|7|365: The Evolution of Emergency Medicine. International Conference on Emergency Medicine. Hong Kong. June 11, 2014.*
16. Carpenter RS, **Brady MF**. *Utility of the Sotair™ Safety Accessory in Manual Ventilation of Different Lung Compliance. National Institute of Health Medical Student Research Fellowship. Memphis, TN. June 1, 2020.*
17. Castaneda-Guarderas A, Cheeser T, **Brady MF**, Bruccoleri R. *Dermal Toxicity from Exposure to Urine from a Paraquat Poisoned Patient. American College of Medical Toxicology Annual Scientific Meeting. Virtual. April 14-16, 2021.*



18. Carpenter RS, **Brady MF**. *Acute Lung Injury in Trauma and Critical Illness – Reducing Unsafe Manual Ventilation Practices with a Mechanical Flow Limiter*. Military Health System Research Symposium. Kissimmee, FL. August 23-26, 2021.
19. Carpenter RS, Ni S, Monhollon E, Young S, **Brady MF**. *Iatrogenic Lung Injury – Using a Mechanical Flow Limiter to Reduce Unsafe Manual Ventilation Practices*. Society for Academic Emergency Medicine. New Orleans, LA. May 10-13, 2022.
20. Varone FA, **Brady MF**. *Development and validation of an educational intervention to improve performance with a new manual ventilation device (Sotair™)*. National Association of EMS Physicians Annual Meeting. Tampa, FL. January 23-28, 2023.
21. Tanch J, Pierce L, **Brady MF**. *Welcome to the Block Party: An Emergency Medicine Reference for Regional Anesthesia*. International Conference on Emergency Medicine. Amsterdam, Netherlands. June 13-16, 2023.
22. Varone FA, **Brady MF**. *Improving manual ventilation with a new device (Sotair™) and educational intervention*. Military Health System Research Symposium (MHSRS). Kissimmee, FL. August 14-17, 2023.

## **INVITED PRESENTATIONS**

### **Local**

1. Brady MF. *Outside Providence or There and Back Again*. Keynote speaker at the 2004 Alpha Epsilon Delta premedical honor society induction ceremony, Providence College, Providence, RI. April 25, 2004.
2. Brady MF. *Hiking the Appalachian Trail*. Invited speaker at the “Under the Spell of Books” event, Gary Paulsen Keynote. Rhode Island College, Providence, RI. May 21, 2004.
3. Brady MF. *Tropical Medicine for Special Operators in Remote Environments*. Tier One Group Special Operations Consultants, Arkansas. June 21, 2016.
4. Brady MF. *Oxygenation and ventilation for EMTs*. Invited Continuing Medical Education speaker- 8 hour long lectures given to all 80 town firefighters. North Providence Fire Department, North Providence, RI, June 28 & 29, July 18 & 20, 2022.
5. Brady MF. *Laws and logistics of military medicine in CONUS and OCONUS medical relief situations*. Naval Medical Center Portsmouth Emergency Medicine Residency, Portsmouth, VA, 16 March 2023.

6. Tanch J, Perice L, Stader D, Brady MF. *Welcome to the Block Party*. NERDS, Worcester, MA, April 5, 2023.
7. Brady MF, Homer A, Kasthuri V, Zonfrillo M. *Medical Malpractice Documentary and Discussion*. Brown University Department of Urology Grand Rounds. The Miriam Hospital, Providence, RI, August 2, 2023.

### **Regional**

1. Brady MF. *The History of Emergency Medicine*. Invited Grand Rounds at Yale- New Haven Hospital Department of Emergency Medicine. New Haven, CT. July 16, 2014.
2. Brady MF. *Advocacy and Storytelling Through Filmmaking in Emergency Medicine*. Invited Grand Rounds at Elmhurst Hospital, Queens, NY. April 29, 2020.
3. Brady MF. *BVM- How do we make it safer?* Invited Florida State EMS Webinar. February 21, 2023.

### **National**

1. Brady MF and Stader D. *The Evolution of Emergency Medicine- Screening and Q&A*. American College of Emergency Physicians Scientific Assembly Special Event Screening in front of >1200 physicians, Seattle, WA. October 15, 2013.
2. Brady MF and Stader D. *The Evolution of Emergency Medicine- Screening and Q&A*. Essentials of Emergency Medicine Conference, San Francisco, CA. November 14, 2013.
3. Brady MF. *Military Medical History*. Operational Medicine Conference, Camp Lejeune, NC. June 11, 2016.
4. Brady MF. *Traumatic Amputations*. Northern Lights Navy field training exercise grand rounds, Fort McCoy, WI. August 19, 2016.
5. Brady MF. *Laws Governing Military Medicinal Support*. Navy Medical Corps Operational Medicine Conference, Camp Lejeune, NC. June 3, 2023.
6. Brady MF, Pensa G, Zonfrillo M. *Medical Malpractice Documentary and Panel Discussion*. American College of Emergency Physicians Special Event Screening ~500 physicians, Philadelphia, PA. October 9, 2023.
7. Brady MF and Stader D. *10th year anniversary screening of and discussion about the documentary The Evolution of Emergency Medicine*. American College of Emergency Physicians and the Emergency Medicine Residents' Association, Philadelphia, PA. October 8 & 11, 2023.

8. Brady MF, Pierce L, Stader D, Goldsmith A, Nagdev A. Ultrasound-Guided Regional Anesthesia Workshop. American College of Emergency Physicians and the Emergency Medicine residents' Association 60 medical students and attendings, Philadelphia, PA. October 9, 2023.

### **International**

1. Brady, MF. *US Navy Reserve Component: COVID-19 Response in New York City 2020*. Operation Intrinsic Defender, Subject Matter Expert Exchange. Haifa Navy Base, Israel. March 29, 2022.

### **REVIEWER/EDITORIAL ACTIVITIES**

Editor-In-Chief StatPearls  
Section on Clinical Tropical Medicine  
Statpearls is accessed over 300 million times per year.

### **GRANTS (Funded and Submitted)**

1. **Co-Primary Investigator.** *Use of the pulse oximeter plethysmograph waveform to measure ankle-brachial index.* Mentor for resident Cosby Arnold, MD. Emergency Medicine Foundation grant funding clinical research project to determine alternative ways of determining if trauma patients need emergent vascular imaging, resulted in publication and helped launch the research career of Dr. Arnold.  
Status of Support: Funded  
Project Number: N/A  
Name of PD/PI: Arnold C and Brady MF  
Source of Support: Emergency Medicine Foundation  
Primary Place of Performance: University of Tennessee Health Science Center  
Project/Proposal Start and End Date: (MM/YYYY) (if available): 1/1/18 – 12/31/18  
Total Award Amount (including Indirect Costs): \$ 10,000
2. **Primary Investigator.** *Safe Artificial Ventilation: Demonstrating Utility of Teaching Materials for the SafeBVM Device.* Major Goals: Create and validate videos to train first responders in the use of the SafeBVM device to regulate air flow during manual ventilation.  
Status of Support: Funded  
Project Number: CAPCaT supported by NIH grant # U54HL143541  
Name of PD/PI: Brady MF  
Source of Support: UMass Center for Advancing Point of Care in Heart, Lung, Blood, and Sleep Diseases (CAPCaT), a member of the NIH Point-of-Care Network (POCTRN)  
Primary Place of Performance: Brown University  
Project/Proposal Start and End Date: (MM/YYYY) (if available): 12/2021- 08/2022  
Total Award Amount (including Indirect Costs): \$200,000

3. **Producer** *Medical Malpractice documentary*. Rhode Island Medical Society grant to edit documentary about medical malpractice.  
 Status of Support: Funded  
 Project Number: N/A  
 Name of PD/PI: Brady MF  
 Source of Support: Rhode Island Medical Society  
 Primary Place of Performance: N/A  
 Project/Proposal Start and End Date: (MM/YYYY) (if available): 10/1/20 – 1/31/23  
 Total Award Amount (including Indirect Costs): \$ 20,000
  
4. **Co-Primary Investigator** with the Department of Anesthesia at Rhode Island Hospital. *Phase II Study of the SafeBVM Device to Prevent Stomach Insufflation During Manual Ventilation*. Major Goals: 1) Testing to evaluate and improve the Sotair Adult Vented to include an expiratory disc valve for use on spontaneously breathing patients, develop testing set-ups/software for quality control of devices at high and low volume, and calibrate Sensirion flow sensors based on the different gas mixtures used to induce anesthesia; 2) Determine efficacy of Sotair device in reducing gastric insufflation, aspiration, barotrauma, and improving outcomes in a hemorrhagic shock porcine model; 3) Clinical trial to demonstrate non-inferiority of Sotair device compared to mechanical ventilation and prevent gastric insufflation.  
 Status of Support: Funded  
 Project Number: 1R44HL165932-01A1  
 Name of PD/PI: Kendall M, DeOliveira G, Brady MF  
 Source of Support: National Institutes of Health  
 Primary Place of Performance: SafeBVM / Rhode Island Hospital  
 Project/Proposal Start and End Date: (MM/YYYY) (if available): 10/1/22 – 9/30/24  
 Total Award Amount (including Indirect Costs): \$1,999,740.71
  
5. **Faculty Development Award.** *Medical Malpractice Documentary*. Faculty development award to assist in developing a documentary and pivot established documentary making career to one that more directly is in line with medical education.  
 Status of Support: Funded  
 Project Number: N/A  
 Name of PD/PI: Brady MF  
 Source of Support: Brown Emergency Medicine  
 Primary Place of Performance: N/A  
 Project/Proposal Start and End Date: (MM/YYYY) (if available): 1/1/23 – 12/31/23  
 Total Award Amount (including Indirect Costs): \$40,000
  
6. **Primary Investigator.** *Enhancing the deployability of the Sotair to improve ventilation and survivability during prolonged field care*. Major Goals: 1) Environmental testing of the Sotair and development of specialized airflow sensors for the BVM, 2) Prolonged field care (PFC) study in pigs, 3) Field usability study for military use of Sotair, 4) Human PFC performance study and development of training materials for PFC  
 Status of Support: Pending  
 Project Number:

Name of PD/PI: Brady MF  
Source of Support: CDMRP (DOD)  
Primary Place of Performance: SafeBVM  
Project/Proposal Start and End Date: (MM/YYYY) (if available): 1/1/23 – 12/31/24  
Total Award Amount (including Indirect Costs): \$ 4,536,252

7. **Co-Investigator.** *Usability and efficacy of the Sotair to minimize excessive manual ventilation in prehospital patients with acute respiratory failure.* Major Goals: 1) Development of airflow sensors to measure critical ventilation parameters in the field, 2) Development and testing of training materials for clinical trials, 3) Completion/finalization of clinical trial protocols and submission for IRB/HRPO approval, 4) Demonstrate the ability of the Sotair to facilitate safe and effective manual ventilations in critically ill emergency department (ED) patients with respiratory failure, 5) Demonstrate the ability of the Sotair to facilitate safe and effective manual ventilations in simulated prehospital resuscitation of respiratory failure, 6) Demonstrate the usability and efficacy of the Sotair to minimize excessive manual ventilation while providing effective ventilation in prehospital patients with acute respiratory failure

Status of Support: Pending

Project Number:

Name of PD/PI: Prabhudesai P

Source of Support: CDMRP (DOD)

Primary Place of Performance: SafeBVM

Project/Proposal Start and End Date: (MM/YYYY) (if available): 1/1/23 – 12/31/25

Total Award Amount (including Indirect Costs): \$ 3,510,015

## **PROJECTS (Past and Current)**

Block Party

Editor in Chief

*Block Party*. First ed. **Brady MF**, Stader D, Reardon R, Goldsmith A, editors. Handbook, website [advancedanalgesia.com](http://advancedanalgesia.com), web app [advanced-analgesia.com](http://advanced-analgesia.com), and hands-on course to teach emergency physicians to do ultrasound guided regional pain blocks in the Emergency Department. Published 2023. Apple phone app 2023.

Medical Malpractice

Producer/ Writer/ Cinematographer

*Medical Malpractice*. **Brady MF**, Homer A, Kathuri V. In production.

Documentary about the medical malpractice system in the United States and its many failings as well as solutions.

## **COMMUNITY ENGAGEMENT/VOLUNTEER ACTIVITIES**

Angkor Hospital for Children and The Lake Clinic  
Siem Reap, Cambodia Volunteer.

Visiting Scholar, Lecturer,  
2002-2003, 2004, 2011, 2016, 2017

## **UNIVERSITY TEACHING ROLES**

MPOWER UTHSC Medical Student Faculty Mentor 2019-2020. 20 Advisees years MS 1-4.

Faculty Advisor, elective course “Medical Malpractice.” The Warren Alpert Medical School of Brown University, Providence, RI, 2022 Spring Semester, class size: 12.

## **MENTORING ROLES**

Cosby Arnold (Resident at University of Tennessee Health Science Center) 2016-2019.  
Mentoring Role: Research mentor including for an Emergency Medicine Foundation resident grant in order to do a study comparing pulse oximetry with doppler for ankle brachial index. Cosby went on to do a research fellowship and pursue a career in academic Emergency Medicine.

Joseph Smith (Emergency Medicine Resident at University of Tennessee Health Science Center) 2019-2020.

Mentoring Role: Case report about his daughter published in EM Resident.

[https://www.emra.org/globalassets/emresident/archives/2021/emres-21junejuly\\_web.pdf](https://www.emra.org/globalassets/emresident/archives/2021/emres-21junejuly_web.pdf)

Randy Carpenter (Medical Student at University of Tennessee Health Science Center) 2020-2023.

Mentoring Role: Research mentor for multiple studies on manual ventilation to address needs during COVID-19 Pandemic, National Institute of Health Medical Student Research Fellowship 2020. Randy went to residency in Emergency Medicine at Wake Forest in 2023.

Alexander Homer and Viknesh Kasthuri (PLME Students) 2020- Present.

Mentoring Role: Mentored the creation of a Medical Malpractice documentary project, shot 10 hours of interviews recorded, ~25 hours of virtual interviews, summer research grant for Alex, created a course on medical malpractice for the medical school.

Jenee Anekwe (PLME Student) 2022.

Mentoring Role: Summer research assistant grant to be assistant editor for ultrasound guided regional pain block book. Presented poster at PLME Research Symposium September, 2022.

James Tanch, MD (Brown Emergency Medicine Resident) 2021- 2023.

Mentoring Role: Assisting with development of ultrasound guided regional pain block book. Submitted abstract to CORD 2023.

Nidhi Bhaskar (Alpert Medical School of Brown University) 2023.

Mentoring Role: Summer research assistant grant to write chapters for ultrasound guided regional pain block book.

Sumana Chintapalli (Alpert Medical School of Brown University) 2023.

Mentoring Role: Summer research assistant grant to write an article about medical liability during states of emergency.