

Julie A. Caffrey, D.O., M.S., F.A.C.O.S., F.A.B.A
CURRICULUM VITAE
The Johns Hopkins University School of Medicine



Julie Ann Caffrey, DO, MS, FACOS, FABA

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DEMOGRAPHIC AND PERSONAL INFORMATION

Current Appointments

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|--------------|--|
| 2018-present | Director, Burn Fellowship Program, Johns Hopkins Burn Center, Johns Hopkins Bayview Medical Center, Baltimore, Maryland |
| 2020-present | Associate Professor, The Johns Hopkins Adult Burn Center, Department of Plastic and Reconstructive Surgery, Division of Burn Surgery, Johns Hopkins University School of Medicine, Baltimore, MD |
| 2020-present | Associate Professor, Department of Surgery, Johns Hopkins University School of Medicine, Baltimore MD |
| 2021-present | JHUSOM representative on the Maryland Board of Physicians |

Personal Data

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Education and Training

Undergraduate

1998-2002 B.S., Biology, Salisbury University, Salisbury, Maryland, *magna cum laude*

Graduate

2002-2004 M.S., Biomedical Sciences, Philadelphia College of Osteopathic Medicine, Philadelphia, Pennsylvania

Doctoral

2004 -2008 D.O., Philadelphia College of Osteopathic Medicine, Philadelphia, Pennsylvania, *Sigma Sigma Phi National Honor Society*

Post-doctoral

2008 –2009 Intern, General Surgery, Peninsula Hospital Center, Far Rockaway, New York
2009 – 2012 Resident, General Surgery, Peninsula Hospital Center, Far Rockaway, New York (closed March 2012)

2012 –2013 Chief Resident, General Surgery, Flushing Hospital Medical Center, Flushing, New York
 2013 - 2014 Fellow, Burn Surgery – Adult & Pediatrics, Westchester Medical Center, Valhalla New York
 2014 – 2015 Burn Fellow, Johns Hopkins Burn Center, Johns Hopkins University School of Medicine, Baltimore, MD
 2014 –2015 Research Fellow, Michael D. Hendrix Burn Research Center, Johns Hopkins University School of Medicine, Baltimore, MD
 2014-2015 Advanced Training Specialty Fellow, Clinical Instructor, Johns Hopkins University School of Medicine, Baltimore, MD
 2018-2019 Science of Clinical Investigation Certificate, Johns Hopkins University, Bloomberg School of Public Health, Baltimore, MD

Executive Education

2018 Economics of Clinical Operations Course, Johns Hopkins University, Baltimore, MD
 2024 Executive Development Leadership Program, Johns Hopkins University, Baltimore, MD

Professional Experience

2014-2015 Clinical Instructor, Johns Hopkins University School of Medicine, Baltimore, MD
 2017-2018 Interim Director, Burn Fellowship Program, Johns Hopkins Burn Center, Johns Hopkins Bayview Medical Center, Baltimore, Maryland
 2017 -2018 Interim Director, The Johns Hopkins Adult Burn Center, Department of Plastic and Reconstructive Surgery, Division of Burn Surgery, Johns Hopkins University School of Medicine, Baltimore, Maryland
 2015-2020 Assistant Professor, The Johns Hopkins Adult Burn Center, Department of Plastic and Reconstructive Surgery, Division of Burn Surgery, Johns Hopkins University School of Medicine, Baltimore, MD
 2015-2020 Assistant Professor, Department of Surgery, Johns Hopkins University School of Medicine, Baltimore MD

PUBLICATIONS:

Original Research [OR]

1. Oto B, Orosco R, Panter E, Velamuri R, Latif A, **Caffrey J**. Prone positioning of the burn patient with ARDS: A review of the evidence and practical considerations. *J Burn Care Res*. 2018 Apr 20;39(3):471-475. PMID: 28661978.
2. Peluso H, Abougergi M, **Caffrey J**. Impact of Weekend Admission on Mortality and other Outcomes among Patients with Burn Injury: a Nationwide Analysis. *Burns* 43 (2017) pp 1654-1661. doi: 10.1016/j.burns.2017.08.005. PMID: 28927832.
3. Payne R, Quiroga L, Cooney CM, **Caffrey J**. The use of vascular clips to approximate skin grafts on the burned hand. *Burns Open*. 30 November 2017. <https://doi.org/10.1016/j.burnso.2017.11.005> PMID: 3056951.
4. Sood G, **Caffrey J**, Krout K, Khouri-Stevens Z, Gerold K, Riedel S, McIntyre J, Maragakis L, Blanding R, Zenilman J, Bennett R, Pronovost P. Use of Implementation Science for a sustained reduction of central line-associated bloodstream infections in a high volume, regional burn unit. *Infection Control and Hospital epidemiology*. 13 September 2017. PMID: 28899444 Role: manuscript writing.
5. Byrd AS, Williams DW, Zarif JC, Rosenberg AZ, Liu H, Dillen C, Maynard JP, **Caffrey JA**, Sacks JM, Milner SM, Aliu O, Broderick KP, Lew L, Miller LS, Kang S, Okoye GA. Collagen deposition in chronic Hidradenitis Suppurative: Potential role for CD163+ macrophages. *British Journal of Dermatology*. PMID: 29603182 <https://doi.org/10.1111/bjd.16600>. Role: manuscript writing.
6. Quiroga L, Ebrahim S, **Caffrey J**. Dangerous Games: Pool Shock Chemical Burn to the Face. *Journal of Plastic, Reconstructive & Aesthetic Surgery*. 16 (2018) 105-108. [://doi.org/10.1016/j.jpra.2018.03.004](https://doi.org/10.1016/j.jpra.2018.03.004).
7. Peluso H, Abougergi MS, **Caffrey J**. Impact of primary payer status on outcomes among patients with burn injury: a nationwide analysis. *Burns*. 2018 Jul 11;pii:S0305-4179(18)30517-5. doi:10.1016/j.burns.2018.06.009. PMID: 30005990.
8. Asif M, Ebraahim S, Major M, **Caffrey J**. The use of Integra as a novel technique in deep burn foot management. *Journal of Plastic, Reconstructive & Aesthetic Surgery Open*. <https://doi.org/10.1016/j.jpra.2018.04.003>. 14 June 2018.
9. Markiewitz N, Cox C, **Caffrey J**. Examining the rates of anxiety, depression and burnout among providers at a regional burn center. *Journal of Burn Care and Research*. 2018 Jul 19. doi:10.1093/jbcr/iry042. PMID: 30032292.
10. Assi P, Quiroga L, **Caffrey J**. Endotracheal tube fixation in patients with facial burns, what are the options? *Eplasty*. 2018 Sep 28;18:ic19. Ecollection 2018. PMID: 30032292.
11. Fauerbach JA, Cehrke AK, Mason ST, Gould NF, Milner SM, **Caffrey J**. Cognitive Behavioral Therapy for Acute Post-Trauma Distress: A Randomized, Controlled Proof of Concept Study Among Hospitalized Adults

- with Burns. *Archives of Physical Medicine & Rehabilitation*. 2019 Feb 15. doi: 10.1016/j.apmr.2018.11.027. PMID: 30776324
12. Parry I, Richard R, Yelvington M, Jacobson K, Ware L, Sen S, **Caffrey J**, Aden J, Dewey W. Goniometric measurement of burn scar contracture: a paradigm shift challenging the standard. *Journal of Burn Care and Research*, 2019 Jun 21;40(4):377-385. doi: 10.1093/jbcr/irz038. PMID: 30919903 Role: manuscript writing.
 13. Quartey QQ, Miller RJ, Pinsker B, Okoh U, Shipman W, George B, Nwizu C, Barnes L, Kerns M, **Caffrey JA**, Aliu O, Brown I, Succaria F, Maynard J, Herbert A, Kang S, Miller L, Okoye G, Byrd AS. Lessons learned from the development of a hidradenitis suppurativa xenograft mouse model. *Clinical and Experimental Dermatology*. 19 July 2019. <https://doi.org/10.1111.ced14054>. PMID: 31322280
 14. Klifton K, Gurno C, Grzelak M, Seal S, Asif M, Hultman CS, **Caffrey JA**. Surgical Outcomes in Adults with Purpura Fulminans: A Systematic Review and Patient-level Meta-synthesis. *Burns Trauma*. 2019 Oct 18;7:30. doi: 10.1186/s41038-019-0168-x. ecollection 2019. PMID: 31641673.
 15. Byrd AS, Williams DW, Zarif JC, Rosenberg AZ, Liu H, Dillen C, Maynard JP, **Caffrey JA**, Sacks JM, Milner SM, Aliu O, Broderick KP, Lew L, Miller LS, Kang S, Okoye GA. Neutrophil extracellular traps and type 1 interferons contribute to immune dysregulation in Hidradenitis Suppurativa. *Science Translational Medicine* 2019 Sep 4;11(508). doi: 10.1126/scitranslmed.aav5908. PMID 31484788. Role: manuscript writing.
 16. Byrd AS, Dina Y, Okoh U, Quartey Q, Carmona-Rivera C, Williams D, Kerns M, Miller R, Petukhova L, Naik H, Barnes L, Shipman W, **Caffrey JA**, Sacks JA, Milner S, Aliu O, Broderick K, Kim, D, Liu H, Dillen C, Ahn R, Frew JW, Kaplan M, Kang S, Garza L, Miller L, Alavi A, Lowes M, Okoye G. Specimen Collection for Translational Studies in Hidradenitis Suppurativa. *Scientific Reports*. 2019 Aug 21;9(1):12207. doi: 10.1038/s41598-019-48226-w. PMID: 31434914. Role: manuscript writing.
 17. Quiroga L, Asif M, Lagziel T, Bhat D, **Caffrey JA**. E-Cigarette Battery Explosions: Review of the Acute Management of the Burns and the Impact on our Population. August 2019. *Cureus*. 11(8): e5355. doi: 10.7759/cureus.5355. PMID: 31608190.
 18. Asif M, Quiroga L, Lagziel T, Ladd SB, **Caffrey JA**. A Multidisciplinary Approach to the Management of Severe Purpura Fulminans in a Burn Center: A Case Series. August 2019. *Cureus* 11(8): e5478. doi: 10.7759/cureus.5478. PMID: 31641673.
 19. Werthman E., **Caffrey J**. Evaluating Pressure Redistribution Surfaces for the Occiput. *Journal of Wound Care*. 2019 Sep 1;28(Sup9):S38-S41. doi 10.12968/jowc.2019.28.Sup9S38. PMID: 31509487.
 20. Asif M, Chin AGM, Lagziel T, Klifton K, Modica A, Duraes E, **Caffrey J**, Hultman CS. The Added Benefit of Combining Laser Doppler Imaging with Clinical Evaluation in Determining the Need for Excision of Indeterminate-Depth Burn Wounds. *Cureus* 12(6): e8774. doi:10.7759/cureus.8774.
 21. Leto Barone AA, Grzelak M, Frost C, Ngaage LM, Ge S, Kolegraff K, Chopra K, Tornheim JA, **Caffrey J**, Lifchez SD, Rasko Y; Atypical Mycobacterial Infections Following Plastic Surgery Procedures Abroad: A Multidisciplinary Algorithm for Diagnosis and Treatment. *Annals of Plastic Surgery*. 2020 Mar; 84(3):1. doi: 10.1097/SAP.0000000000002061. PMID: 31688120. Role: manuscript writing.
 22. Ledibabari M, Ngaage MA, Cantab MB, Chir B, Borelli M, Puthumana BA, Rada E, Nam AJ, **Caffrey J**, Rasko Y. Global Burn Registry Perspective on Head and Neck Burns. *Annals of Plastic Surgery*. 2020 Nov 13. Doi:10.1097/SAP.0000000000002585. PMID: 33196536.
 23. Lerman SF, Sylvester S, Hultman CS, **Caffrey J**. Suicidality after burn injuries: A systematic review. *Journal of Burn Care & Research*, irab014, <https://doi.org/10.1093/jbcr/irab014>. 22 January 2021. PMID: 33482003.
 24. Puthumana JS, Ngaage LM, Borrelli M, Rada E, **Caffrey J**, Rasko Y. Identifying risk factors for cooking-related burns in an international paediatric population: analysis of the WHO Global Burn Registry Research. *Bulletin of the World Health Organization*. 2021 Jun 1;99(6):439-445. Doi: 10.2471/BLT.20.279786. Epub 2021 Apr 1. PMID: 34108754.
 25. Yesantharao P, El Eter L, Cox C, Wethman E, Javia V, Moseley R, Orosco R, Keenan J, Cooney C, **Caffrey J**. Using pressure mapping to optimize hospital-acquired pressure injury prevention strategies in the burn intensive care unit. *Journal of Burn Care & Research* 2021 May 8;irab061. Doi: 10.1093/jbcr/irab061. PMID: 33963756.
 26. Xun H, Lopez CD, Lee E, Dorafshar AH, Manson PN, **Caffrey J**, Hultman S, Lopez J, Redett RJ. Concomitant Pediatric Burns and Craniomaxillofacial Trauma: A Pediatric Burn Center's Experience over 20 years. *Journal of Craniofacial Surgery*. 2021 Sep 1;32(6):2097-2100. Doi:10.1097/SCS.0000000000007839. PMID: 34260468.
 27. Xun H, He W, Chen J, Sylvester S, Lerman S, **Caffrey J**. Characterization and comparison of public, medical professionals and technical communities utilization of Facebook groups to facilitate idea sharing and crowdsourcing during the COVID-19 Pandemic: A cross-sectional observational study. *JMIR Form Res*. 2021 Apr 13. Doi. 10.2196/22983. PMID: 33878013.

28. Peluso H, Mujadzic H, Abougergi M, Azefor T, **Caffrey J**. Opioid dependence and treatment outcomes among patients with burn injury. *Burns*. 2021 Aug 11;S02305-4179(21)00203-5. Doi: 10.1016/j.burns.2021.07.018. Online ahead of print. PMID: 34922783.
29. Carmona-Rivera C, O'Neil LJ, Patino-Martinez E, Shipman WD, Zhu C, Li QZ, Kerns ML, Barnes LA, **Caffrey J**, Kang S, Kaplan MJ, Okoye GA, Byrd AS. Autoantibodies Present in Hidradenitis Suppurativa Correlate with Disease Severity and Promote the Release of Proinflammatory Cytokines in Macrophages, *Journal of Investigative Dermatology*, 2021 Oct 1:S0022-202X(21)02286-7. Doi: 10.1016/j.jid.2021.07.187. Online ahead of print. PMID: 34606886.
30. Lagziel T, Asif M, Born L, Quiroga LH, Duraes E, Slavin B, Shetty P, **Caffrey J**, Hultman CS. Evaluating the efficacy, safety and tolerance of silver sulfadiazine dressings once daily versus twice daily in the treatment of burn wounds. *J Burn Care Res*. 2021 Nov 24;42(6):1136-1139. Doi: 10.1093/jbcr/irab141. PMID: 34363678.
31. Duraes, E.F.R.; Hung, Y.-C.; Asif, M.; Modica, A.; Sikorski, G.; Hultman, C.S.; **Caffrey, J**. Acute Burn Treatment and History of Drug and Alcohol Addiction: Treatment Outcomes and Opioid Use. *Eur. Burn J*. **2022**, 3, 10-17. doi: [10.3390/ebj3010002](https://doi.org/10.3390/ebj3010002)
32. Lagziel T, Soail M, Koenig H, Janis J, Khoo K, **Caffrey J**, Lerman SF, Hultman CS. Spiritual Healing: A triple scoping review of the impact of spirituality on burn injuries, wounds and critical care. *Eur. Burn J*. 2022, 3(1), 188-196. <https://doi.org/10.3390/ebj3010016>
33. Khoo KH, Ross ES, Yoon JS, Lagziel T, Shamoun F, Puthumana J, **Caffrey J**, Lerman SF, Hultman CS. What fuels the fire: A narrative review of the role social determinants of health play in burns. *Eur. Burn J*. 2022, 3(2), 377-390. <https://doi.org/10.3390/3bj3020033>.
34. Lagziel T, Akhavan AA, Yoon JS, Martinez SL, Cox CA, Duraes EFR, Hultman CS, **Caffrey J**. Carry that Weight! The challenge of managing weight changes during inpatient admission for patients with burn injuries >20% TBSA. *J Burn Care Res*. July/August 2022, 43(4): 781-786, <https://doi.org/10.1093/jbcr/irac054>.
35. Yoon JS, Khoo KH, Puthumana JS, Perez Rivera LR, Keller PR, Lagziel T, Cox CA, **Caffrey J**, Galiatsatos P, Hultman CS. Outcomes of patients with burns associated with home oxygen therapy: An Institutional Retrospective Review. *J Burn Care Res*. 2022;irac090, <https://doi.org/10.1093/jbcr/irac090>. PMID: 35815812
36. Puthumana JS, Khan IF, Tiongco RF, Akhavan AA, Khoo KH, Qiu CS, Cooney CM, Wright WF, **Caffrey J**. Is antibiotic prophylaxis necessary in small (<20% TBSA) burn excisions? A retrospective study. *PRS-GO*. June 2022; 10(6): pe4388. Doi: 10.1097/GOX.0000000000004388.
37. Lerman SF, Owens MA, Liu T, Puthumana J, Hultman CS, **Caffrey J**, Smith MT. Sleep after burn injuries: A systematic review and meta-analysis. *Sleep Medicine Reviews*. October 2022, vol 65. 101662. <https://doi.org/10.1016/j.smrv.2022.101662> PMID: 36087455
38. Xun H, Shallal C, Unger J, Tao R, Torres A, Vladimirov M, Frye J, Singhala M, Horne B, Kim BS, Burke B, Montana M, Talcott M, Winters B, Frisella M, Kushner BS, Sacks JM, Guest JK, Kang SH, **Caffrey J**. Translational design for limited resource settings as demonstrated by Vent-Lock, a 3D-printed ventilator multiplexer. *3D Print Med*. 2022 Sep 14;8(1):29. doi: 10.1186/s41205-022-00148-6. PMID: 36102998; PMCID: PMC9471031.
39. Tiongco RP, Dane JM, Owens MA, PhD, Cemaj SL, MD, Puthumana JS, MD, Ross ES, Redett RJ, MD, Hultman CS, MD, **Caffrey JA, DO**, Lerman SF, PhD. A Systematic Review and Meta-Analysis of Sleep Disturbances in Pediatric Burn Survivors. Accepted to *Current Sleep Medicine Reports*. 2022. Sep 13.
40. Xun, H, Modica A, Payne R, Seetharaman S, Reilly L, Bertuzzi R, Wharton D, Hanlon A, Cooney C, Sood G, **Caffrey J**. A multi-modal environmental bundle to reduce nosocomial Methicillin-resistant Staphylococcal aureus transmission in a high volume burn intensive care unit: A prospective study. *JPRAS* 2023 Feb;77:397-399.
41. Khan IF, Ketheeswaran S, Wiley B, Alasgarov E, Turker I, Guliyeva G, Hultman CS, Cooney CM, **Caffrey JA**. 13-Year Analysis of Gender Disparity in Peer Reviewed Burn Literature. *J Burn Care Res*. January 5, 2023. PMID: 36645329
42. Yoon JS, Khoo KH, Akhavan AA, Lagziel T, Ha M, Cox CA, Blanding R, Werthman EH, **Caffrey J**, Hultman CS. Changes in Burn Surgery Operative Volume and Metrics due to COVID-19. *J Burn Care Res*. 2022 Nov 2;43(6):1233-1240. doi: 10.1093/jbcr/irac111. PMID: 35986489; PMCID: PMC9384663.
43. Yesantharao LV, Suresh R, Lerman SF, Cox C, **Caffrey J**. Hidradenitis Suppurativa Reddit Support Group: Finding New Meaning in Social Media during the COVID-19 Pandemic. *J Burn Care Res*. 2022 Dec 15;irac183. doi: 10.1093/jbcr/irac183. Epub ahead of print. PMID: 36521015.
44. Rostami S, Kawaji Q, Martinez SL, Lagziel T, Orosco R, Flores CJ, Hultman CS, **Caffrey J**. Focused Wound Care Handoff Improves Burn Center Physician-Nursing Communication and Wound Care Education. *J Burn Care Res*. 2022 Dec 8;irac171. doi: 10.1093/jbcr/irac171.. PMID: 36480693.
45. Lagziel T, Lopez CD, Khoo KH, Cox CA, Garcia AV, Cooney CM, Yang R, **Caffrey JA**, Hultman CS, Redett RJ. (2023). Public Perception of Household Risks for Pediatric Burn Injuries and Assessment of Management Readiness. *Burns*.2023 Jan 27;S0305-4179(23)00008-6. PMID: 3673212

46. Tiongco RP, Ali A, Puthumana JS, Hultman CS, **Caffrey JA**, Cooney CM, Redett RJ. Food Security as a Predictor of Global Pediatric Postburn Mortality. *Journal of Burn Care and Research*. 2023 Nov;44(6):1304-1310. Doi: 10.1093/jbcr/irad103. PMID: 37390226.
47. Akhavan AA, Shamoun F, Lagziel T, Rostami S, Cox C, Cooney CM, Sood G, Hultman CS, **Caffrey J**. Invasive Non-*Candida* Fungal Infections in Acute Burns – A 13-Year Review of a Single Institution and Review of the Literature. *Journal of Burn Care & Research*, 2023; irad105, <https://doi.org/10.1093/jbcr/irad105> PMID: 37432077
48. Blears E, Kuo SCE, Tiongco RP, Suresh R, Cooney C, **Caffrey J**. Associations of urban versus rural patient residence on postburn outcomes: A national inpatient sample database study. *Burns*. 2024 Aug;50(6):1463-1474. Doi: 10.1016/j.burns.2024.03.021. Epub 2024 Mar 16. PMID: 38584006
49. Lagziel T, Quiroga LH, Ross E, Khoo KH, Shamoun F, Asif M, **Caffrey J**, Hultman CS. The impact of different co-morbidities on clinical outcomes and resource utilization in critically ill burn and surgical patients: A population-based analysis of social determinants of health. *Burns*. 2024 May;50(4):823-828. Doi: 10.1016/j.burns.2024.03.003. Epub 2024 Mar 8. PMID 38492980.
50. Khoo KH, Yoon JS, Carrese JA, Lerman SF, Hultman CS, **Caffrey JA**. Ethical Considerations for Acutely Injured and Future Burn Patients Who Smoke While on Home Oxygen Therapy. *Journal of Burn Care & Research*. Published online 2spir24. doi:10.1093/jbcr/irae073. PMID: 38659311
51. Sampath AJ, Westerkam LL, Blum FR, Alhusayen R, Bechara FG, **Caffrey J**, Carmona-Rivera C, Chandran NS, Gerooge R, Goldberg SR, Gudjonsson JE, Hansen SL, Ingram JR, Kirby B, Marzano AV, Matusiak L, Orgill DP, Prens E, van der Zee HH, van Straalen KR, Sayed CJ. Standardized Protocols for Clinical and Histopathological Characterization of Hidradenitis Suppurativa Tissue Specimens. *Journal of Investigative Dermatology*. 2025 Jan;145(1):50-55. Epub. 18 June 2024. PMID: 38901775
52. Lagziel T, Kawaji Q, Ku Y, Rostami S, Martinez S, Cox C, Werthman E, **Caffrey J**, Hultman CS. Cultured skin in the modern era and the impact of infrastructure volatility on learning curves: a 33 year institutional review. *Journal of Burn Care and Research*. 29 June 2024. <https://doi.org/10.1093/jbcr/irae132> PMID: 38943557
53. Biswas A, Zamore ZA, Aslami Z, Tiongco R, Ali A, Cooney C, Fisher M, **Caffrey J**, Lerman SF. The association between neighborhood disadvantage and patient-reported outcomes in burn survivors. *Burns*. 4 July 2024. <https://doi.org/10.1016/j.burns.2024.06.013> PMID: 39317546
54. Suresh R, Hicks CW, Haut ER, You B, **Caffrey JA**, Cooney DS, Cooney CM. 90-Day Readmissions in Patients with Diabetic Foot Ulcers Undergoing Soft-Tissue Reconstructive Surgery- A Risk Factor Analysis Using the HCUP - Nationwide Readmissions Database. *J Wound Care*. Accepted for publication 24OCT2024. PMCID: PMC10194547
55. Sim D, Subramanian M, **Caffrey J**. Risk Factors for ARDS in Hospitalized Burn Patients: An Analysis of the National Trauma Data Bank. *Journal of Burn Care & Research*. 01 November 2024. <https://doi.org/10.1093/jbcr/irae199>. PMID: 39484997.
56. Heron MJ, Reinoso TR, Dane JM, Rezwan SK, Mack S, Broderick KP, Cooney CM, **Caffrey JA**. The Fractured Insurance Landscape of Laser Therapy for Scar Revision. *J Burn Care Res*. 2025 Jan 24;46(1):14-21. PMID: 39269322
57. Blears E, Ballou J, Weitzner A, **Caffrey J**, Dellon AL. The roles of fasciotomy and peripheral nerve decompression in electric burn patients: A systematic review and meta-analysis. *Microsurgery*. 3 Feb 2025. PMID: 39953831
58. Blears E, Murton A, **Caffrey J**. The influence of muscle wasting on patient outcomes among burn patients: A burn care quality platform study. *Journal of Burn Care & Research*, 2025 Jan/Feb;46(1):75-81. PMID: 39441971.
59. Zamore Z, Khong J, Suresh R, Park KE, Niknejad K, McCaffrey T, Kuo KT, Tuffaha S, Lerman S, **Caffrey J**. Antimuscarinics for Burn Patients: Helpful or Harmful for Sensation Recovery?. *Burns*. 51(8):107632. DOI: 10.1016/j.burns.2025.107632. July 2025. <https://doi.org/10.1016/j.burns.2025.107632>.
60. Sopirala MM, Weber D, Sood G, Yassin M, Palmieri TL, Narasimhan S, Sheckter C, **Caffrey J**, Mandell S, Pisney L, Kandiah S, Somani J, Mackow N, Brust K, Karaba S, Doll M, Chen D, Abbo L, Bischoff W. A research agenda for burn infection prevention: identifying knowledge gaps and prioritizing future directions. *Antimicrob Steward Healthc Epidemiol*. 2025 Oct 30;5(1):e293. doi: 10.1017/ash.2025.10213. PMID: 41245847; PMCID: PMC12616570.
61. Sampath AJ, Westerkam LL, Blum FR, Alhusayen R, Bechara FG, **Caffrey J**, Carmona-Rivera C, Chandran NS, George R, Goldberg SR, Gudjonsson JE, Hansen SL, Ingram JR, Kirby B, Marzano AV, Matusiak L, Orgill DP, Prens E, van der Zee HH, van Straalen KR, Zouboulis CC, Byrd AS, Frew JW, Lowes MA, Naik HB, Sokumbi O, Mi QS, Miedema JR, Google PB, Sayed CJ. Standardized Protocols for Clinical and Histopathological Characterization of Hidradenitis Suppurativa Tissue Specimens. *J Invest Dermatol*. 2025 Jan;145(1):50-55. doi: 10.1016/j.jid.2024.02.041. Epub 2024 Jun 18. PMID: 38901775.
62. Westerkam LL, van der Zee HH, Bechara FG, Goldberg S, Jemec GB, **Caffrey J**, Chaffin A, Chiu ES, Damitz L, Daveluy S, Garg A, George R, Guillem P, Hamzavi IH, Hazen PG, Horvath B, Ingram JR, Kirby JS, Matusiak L,

Orenstein LAV, Orgill DP, Pena-Robichaux V, Podda M, Prens E, Resnik B, Lindhardt Saunte DM, Saylor DK, Thorlacius L, Villumsen B, Vossen ARJV, Sayed CJ. Establishment of standardized definitions and a core set of outcome characteristics following hidradenitis suppurativa surgery developed by an expert Delphi consensus. *J Am Acad Dermatol*. 2025 Aug 25:S0190-9622(25)02668-4. doi: 10.1016/j.jaad.2025.08.041. Epub 2025 Aug 25. PMID: 40865729; PMCID: PMC12575009.

63. Blears E, Godarzi J, Shania S, Kondiseti K, **Caffrey J**, Murton AJ. The role of previous history of muscle wasting in burn outcomes – a Burn Care Quality Platform Study. *European Burn Journal*. October **2025**, 6(4), 61; <https://doi.org/10.3390/ejb6040061>.
64. Williams, K.L., Badiei, B., Reilly, J. Williams A, Minsky HB, Haddad NR, Martinz Pena EG, Sun M, Lee S, Li A, Curvin-Aquilla L, Johson AY, Willis A, Kirby CS, van Ed A, Xue Y, Cox CA, Rajagopalan SP, Kang S, Kannan K, **Caffrey J**, Archer NK, Kane M, Garza LA. Plastic associated endocrine disruptors reduce Nicastrin protein and potentiate inflammation in hidradenitis suppurativa skin disease. *Nat Commun* **16**, 10755 (2025). <https://doi.org/10.1038/s41467-025-65789-7>.
65. Lagziel T, Akhavan AA, Shamoun F, Cemaj S, Yoon J, Rostami S, Kawaji Q, Martinez SL, Duraes EFR, **Caffrey JA**, Hultman CS. Optimal excision time for burn injuries of over 20% total body surface area: a retrospective review. *J Wound Care*. 2025 Dec 1;34(Sup12a):S25-S30. doi: 10.12968/jowc.2024.0058. PMID: 41348190.
66. Nakad L, Biswas A, Leoutsakos JM, Kornhaber R, Cleary M, **Caffrey JA**, Lerman SF. Pain, itch, and psychological distress symptom clusters in burn survivors: A factor analysis. *Burns*. 2026. 107787, ISSN 0305-4179, <https://doi.org/10.1016/j.burns.2025.107787>.
67. Zhu L, Khan IF, Tiongco RFP, Khong J, Smith LC, Atayeva R, Lagziel T, Cooney CM, **Caffrey JA**. Looking beyond the scalpel: Assessing patient risk factors for complications following surgical excision of hidradenitis suppurativa. *Burns*. 2026 Feb;52(1):107822. doi: 10.1016/j.burns.2025.107822. Epub 2025 Dec 9. PMID: 41447905.
68. Sood G, **Caffrey J**, Werthman E, Cabrera A, Dougherty G, Schuster A. Hospital-Onset Bacteremia and Fungemia in a Regional Burn Intensive Care Unit. *Am J Infect Control*. 2026 Jan 28:S0196-6553(26)00053-2. doi: 10.1016/j.ajic.2026.01.022. Epub ahead of print. PMID: 41616958.
69. SiNing Zhao, Yongpei Yu, Lauren I Dayton, **Julie Caffrey**, Katherine P Frey, Stephen T Wegener, Renan C Castillo, Posttraumatic Growth in Families Following Burn Injury: Prevalence and Discrepancy in Patient–Caregiver Pairs, *Journal of Burn Care & Research*, 2026;, irag046, <https://doi.org/10.1093/jbcr/irag046>

Review Articles [RA]

70. **Bhat D**, **Asif M**, Cooney C, Schwartz D, Milner S, **Caffrey J**. Amyloidosis associated with skin popping: A case report and review of literature. *International Journal of Dermatology*. 2018 April 30. DOI:10.1111/ijd.14009 PMID: 29708582
71. **Asif M**, **Sabo T**, **Caffrey J**. Complication of Solar Branding: Report of a case and review of the literature. *Clinical Case Reports*. 2018. doi:10.1002/ccr3.1847.
72. **Chin AGM**, **Asif M**, **Hultman C**, **Caffrey J**. Hailey-Hailey Disease with Superimposed Eczema Herpeticum Caused by Herpes Simplex Virus Type 2 Infection in a Burn Unit. A Case Report and Literature Review. *Cureus*. 2019 Oct 14;11(10):e5907. doi:10.7759/cureus.5907. PMID: 31777694.

Case Reports [CR]

73. **Caffrey J**, Wright EJ, Milner S. An Extreme Case of Fordyce’s Angiokeratoma. *Urology*. Vol. 85. Issue 6. e47-e48. June 2015. PMID: 26099899
74. **Peluso H**, **Caffrey J**, Milner S. 4G/4G PAI-1 gene variant in a patient with non-healing ulcers. *Journal of Epidemiological Research*. Vol. 2. No. 1 (2016). doi: <https://doi.org/10.5430/jer.v2n1p91>.
75. **Quiroga L**, **Asif M**, **Lagziel T**, **Caffrey JA**. Waking Up Blind in the ICU: A Case Report of Ischemic Optic Neuropathy in a Burn Patient. August 2019. *Cureus*. 11(8): e5437. doi: 10.7759/cureus.5437. PMID: 31632883.
76. **Asif M**, **Klifto K**, **Lagziel T**, **Caffrey J**. Development of Bilateral Heterotopic Ossification after Survival of Life Threatening Purpura Fulminans. *Cureus*. 12(1):e6731. doi:10.7759/cureus.6731. PMID: 32133255
77. **Abousy M**, Byrd A, Succaria F, Kerns M, **Caffrey J**. Burn Center Management of Severe Necrotic Cutaneous Polyarteritis Nodosa in a Patient with a History of Thymoma. *Cureus*. 13(2): e13134. Doi:10.7759/cureus.13134.
78. **Abousy M**, **Sylvester S**, Milek D, Hultman CS, **Caffrey J**. Surgical management and outcomes of levamisole-induced vasculitis in a burn center: A case series. *JAAD Case Rep*. 2021 May 7;13:36-42. Doi:10.1016/j.jidcr.2021.04.028. eCollection 2021 Jul. PMID: 34136623
79. Dean B, **Puthumana J**, Vocke S, Neely L, **Modica A**, **Caffrey J**. Yoga and cutaneous functional unit recruitment for a patient with cervical and upper extremity burn scar contracture: Case report. *Int J Yoga Thera*. 2022 Jan 1;32(2022): article 6. Doi: 10.17761/2022-D-21-00048. PMID: 35533407
80. **Rostami S**, **Martinez SL**, **Kawaji Q**, **Lagziel T**, Hultman CS, **Caffrey J**. Purpura Fulminans from acquired protein C deficiency in the era of COVID-19: A Case Report. *International Journal of Dermatology*. 2023 Jun;62(6):835-836. PMID: 37159515

Other Publications

81. Xun H, Shallal C, Unger J, Tao R, Toress A, Vladimirov M, Frye J, Singhala M, Horne B, Yesantharao P, Kim BS, Burke B, Montana M, Talcott M, Winters B, Frisella M, Kushner B, Sacks J, Guest J, Kang SH, **Caffrey J**. Vent-Lock: A 2D Printed Ventilator Multiplexer to Enhance the Capacity of Treating Patients with COVID-19. medRxiv. BMJ. Pre-print. doi: <https://doi.org/10.1101/2020.09.16.20195230>.
82. Bartkova J, **Caffrey J**, Fisher M. Report on educational observership program at the Adult Burn Center, Johns Hopkins Hospital. Acta Chirurgiae Plasticae. December 2024. 66 (4). DOI: 10.48095/ccachp2024189.

Book Chapters, Monographs [BC]

1. **Caffrey J**, Saquib S, Milner S. Critical Limb Ischemia: Acute and Chronic. Chapter 30: Frostbite. Robert Dieter, Raymond Dieter Jr, Raymond Dieter III, Aravinda Nanjundappa. 2017
2. **Caffrey J**, Milner S. Plastic Surgery 4th edition, volume 4 Lower extremity, trunk and burns. Chapter: Cold and Chemical Injury & Management of Exfoliative Disorders, Epidermolysis Bullosa & TEN. Peter Neligan et al. September 2017.
3. **Caffrey J**, Milner S. Current Surgical Therapy. Chapter: Medical Management of the Burn Patient. John Cameron and Andrew Cameron. 2017

Books, Textbooks [BK]

Editorials [ED]

Guidelines/Protocols, Consensus Statement, Expert Opinion, Consortium Articles [GL]

Letters, Correspondence [LT]

Media Releases or Interviews [MR]

1. “No More Painful Reminders.” Spring 2017, Johns Hopkins Bayview Health & Wellness
2. “What to know about acid burns.” July 18, 2017 Interviewed by CNN
<http://www.cnn.com/2017/07/18/health/acid-burn-attacks-what-to-know/>
3. NPR Joy in Medicine Series – Joy in the Operating Room November 2018 <http://www.bit.ly/2qkVEHm>
4. “Reducing the risk of hospital-acquired infections for burn patients” March 2019 Plastic Surgery News, pg. 18. Focus on Plastic Surgery Research
5. “How to Treat a Burn from a Vape Pen” June 2019. Johns Hopkins Medicine – Health.
<https://www.hopkinsmedicine.org/health/wellness-and-prevention/how-to-treat-a-burn-from-a-vape-pen>
6. “Women Who Lead: Fifteen Alumnae Stories” August 2019 PCOM Digest –pg 12-31
7. “New type of skin graft is helping Patterson Park fire hero.” December 2019. Fox 45 News.
<https://foxbaltime.com/news/local/new-type-of-skin-graft-is-helping-patterson-park-fire-hero>
8. “Pierre Gibbons Faces Years of Recovery after Trying to Save Neighbor from Burning Patterson Park Home.” February 2020. WJZ CBS Baltimore. <https://baltimore.cbslocal.com/2020/02/13/pierre-gibbons-baltimore-road-to-recovery-latest>
9. “Meet the Johns Hopkins team developing a 3D-printed device allowing COVID-19 patients to share ventilators.” April 2020. Technical.ly. <https://technical.ly/baltimore/2020/04/13/johns-hopkins-developing-3d-printed-splitter-device-allowing-covid-19-patients-share-ventilators/>
10. “Johns Hopkins Engineers Develop 3D-printed Ventilator Splitters.” April 2020. Johns Hopkins Hub.
<https://hub.jhu.edu/2020/04/02/3d-printed-ventilator-splitters-for-covid-19/>
11. “Hopkins faculty and students develop 3D-printed ventilator splitter.” April 2020. The Johns Hopkins News-Letter. <https://www.jhunewsletter.com/article/2020/04/hopkins-faculty-and-students-develop-3d-printed-ventilator-splitter>.
12. “Hopkins working on device so coronavirus patients could share limited ventilators.” April 2020. The Baltimore Sun. <https://www.baltimoresun.com/coronavirus/bs-hs-coronavirus-ventilator-sharing-20200402-l6xtdfv7fvbk3i3wvn5rpi6pwa-story.html>.
13. “Splitting Hairs Over Ventilator Sharing. Engineers are developing 3D-printed ventilator splitters.” April 2020. Machine Design. <https://www.machinedesign.com/medical-design/article/21127809/splitting-hairs-over-ventilator-sharing>

Other Media [OM]

1. Third-Degree Burn Survivor/ Startish’s Story August 2019
<https://www.hopkinsmedicine.org/profiles/results/directory/profile/10000166/Julie-Caffrey?start=50&reset=1&clearpagecache=false&num=10&firstLetter=C#>
2. Breakthroughs in the Treatment of Burn Scars. Recorded Webinar. <https://youtu.be/JqvrXg8XdeA>
3. Journal of Burn Care and Research Podcast. Episode 3: “Living well” and Suicidality after Burn Injuries.
<https://academic.oup.com/jbcr/pages/podcasts>. July 27, 2021
4. Closler. Following my own rules. Julie Caffrey. November 7, 2024. <https://closler.org/lifelong-learning-in-clinical-excellence/following-my-own-rules>

5. Hidradenitis Suppurativa Q&A. <https://www.youtube.com/watch?v=bzItgAksMSk> February 12, 2025.
6. Medscape. In Discussion. Hidradenitis Suppurativa Podcast. Episode 4: A Surgeon's Guide to Hidradenitis Suppurativa. Ginette A. Okoye MD, Julie A. Caffrey DO. July 22, 2025.
<https://www.medscape.com/viewarticle/1002309?form=fpf>.

FUNDING

EXTRAMURAL Funding

Research Extramural Funding

Current

March 2024 to 2029

Title: In situ skin regeneration through induction of skin allograft chimerism for treatment of severe burns.

Supporting Agency: NIH/NIAMS (1RO1AR082388)

Funding Amount: \$715,345/year

PI: Zhaoli Sun, Co-I: Julie Caffrey

Percent effort: 1%

Pending – n/a

Previous

March 2023 to 2024

Title: NATIENS: Optimal Management and Mechanisms of SJS/TEN

Supporting Agency: Vanderbilt University Medical Center

Funding Amount: \$51,549

PI: Elizabeth J Phillips MD Site PI: Julie Caffrey DO

Percent effort: 1%

February 2022 to April 2024

Title: A Pivotal Study to Assess the Safety and Effectiveness of NovoSorb® Biodegradable Temporizing Matrix (BTM) in the Treatment of Severe Burn Skin Injuries

Supporting Agency: PolyNovo North America LLC, Protocol No:

Funding Amount: \$118,095

PI: Tina Palmieri MD Site PI: Julie Caffrey DO

Percent effort: 5%

February 2020 to January 2024

Title: Use of NexoBrid for Treatment of Acute Deep Partial and Full Thickness Burn Injuries

Supporting Agency: MediWound Ltd, Protocol No: MW2018-06-21

Funding Amount: \$131,924.73

PI: Yaron Shoham, MD. Site PI: Julie Caffrey DO

Percent effort: 5%

July 2020 to 2021

Title: Vent-Lock

Funding Amount: \$2,000

Supporting Agency: The Clinton Foundation, Clinton Global Initiative University

PI: Christopher Shallal, Sung Hoon Kang, PhD, Julie Caffrey, DO

Percent effort: 5%

March 2017-April 2019

Title: Goniometric Measurement of Burn Scar Contracture

Supporting Agency: U.S. Army Medical Research and Materiel Command, Award Number W81XWH-14-2-0148.

Funding Amount: \$368,000

PI Somen Sen, MD. Site PI: Julie Caffrey, DO

Percent effort: 3%

Dec 2017 – April 2020

Title: A multicenter, multinational, randomized, controlled, assessor blinded study, performed in subjects with thermal burns, to evaluate the efficacy and safety of NexoBrid compared to Gel Vehicle and compared to Standard of Care
 Supporting Agency: MediWound, Ltd, Protocol No.: MW2010-03-02, Grant Number 127939
 Funding amount: \$248,323.87
 PI Yaron Shoham, MD. Site PI: Julie Caffrey, DO
 Percent effort: 5%

Clinical Extramural Funding

Current – n/a

Pending – n/a

Previous

June 2018 to June 2019

Title: Reducing Hospital-Acquired Infections by Reducing Microbial Bioburden in the Burn Intensive Care Unit
 Supporting Agency: The Plastic Surgery Foundation Pilot Research Grant, Application #573940
 Funding amount: \$10,000
 PI: Julie Caffrey, DO
 Percent effort: 15%
 NCE

INTRAMURAL Funding

Clinical Intramural Funding

Current

February 2019 to 2025

Title: The impact of pain and sleep on surgical wound healing in hidradenitis suppurativa
 Supporting Agency: Blaustein Pain Research and Education Grant, Johns Hopkins University School of Medicine
 Funding Amount: \$15,000
 PI: Sheera Lerman, PHD, Co-PI: Julie Caffrey, DO, Michael Smith, MD, Angel Byrd MD, Ginette Okoye MD
 Percent effort: 5%

Pending - n/a

Previous

July 2022 to 2023

Title: A New Technology for Skin Grafting and Wound Debridement
 Supporting Agency: The Women's Board of The Johns Hopkins Hospital
 Funding Amount: \$53,720.44
 PI: Julie Caffrey, DO

March 2020 to 2021

Title: Vent-Lock: A better breath for every patient
 Supporting Agency: Johns Hopkins Funding from the Vice Provost for Research Office, Johns Hopkins Combating COVID-19
 Funding amount: \$25,000
 PI: Sung Hoon Kang, PhD and Julie Caffrey, DO

June 2017-July 2018

Title: A New Technology for Improved Disinfection of the Burn Unit: Ultraviolet C Light Device
 Supporting Agency: The Women's Board of The Johns Hopkins Hospital
 Funding Amount: \$60,000
 PI: Julie Caffrey, DO

CLINICAL ACTIVITIES

Clinical Focus

My clinical focus is the complete treatment of a burned patient from the beginning of their journey as an acute, inpatient through their recovery as an outpatient, requiring reconstructive surgery. My goals are to improve patient care by improving survival, decreasing complications and improving functional status at hospital discharge. Current accomplishments include 1) integrating clinical research, unifying physician and nursing teams to solve clinically relevant problems 2) providing and enhancing the best multidisciplinary care of the burn patient with surgeons, nurses, therapists, dietitians, pharmacists and spiritual leaders 3) improving infection control in the burn intensive care unit.

Certification

2015-present Advanced Burn Life Support (ABLS) Instructor
2015 – present Advanced Cardiac Life Support

Medical, other state/government licensure

2014 – Present Maryland Board of Physicians, license H77803

Boards, other specialty certification

2014 American Osteopathic Board of Surgery
2018 Fellow of the American College of Osteopathic Surgeons (FACOS)
2024 Fellow of the American Burn Association (FABA)

Clinical (Service) Responsibilities

Date	Role/time commitment, specialty
2015-present	Burn Surgeon, full time, acute and reconstructive burn surgery, 3 OR block days and ½ day clinic weekly
2015-present	Burn on call coverage, ranging from 10-30 days per month
2015-present	Wound call coverage, 7-14 days a month

Clinical Draw from outside local/regional area

State: Maryland 80%
Out of State: 15%
International: 5%

Membership in or examiner for specialty board

2018 American Osteopathic Board of Surgery – oral board examiner
2019 American Osteopathic Board of Surgery – oral board examiner
2020 American Osteopathic Board of Surgery – oral board examiner spring/fall
2021 American Osteopathic Board of Surgery – oral board examiner spring/fall
2022 American Osteopathic Board of Surgery – oral board examiner spring/fall
2023 American Osteopathic Board of Surgery – oral board examiner spring/fall
2024 American Osteopathic Board of Surgery – oral board examiner spring/fall
2025 American Osteopathic Board of Surgery – oral board examiner spring/fall

Clinical Program Building / Leadership

2015 Founder: Burn Laser Program, Johns Hopkins Bayview Medical Center, increased number of elective surgical cases, improved clinical draw from outside of local/regional area, reestablished international relationships and referrals
2017 Founder: Burn Quality Improvement Program, Johns Hopkins Bayview Medical Center, Unifying physician and nursing teams to solve clinically relevant problems, Expanding academic and scholastic endeavors from the nursing team, physical and occupational therapists, nutritionists and pharmacists

Clinical Awards

2024 Inducted into The Miller Coulson Academy

Clinical Demonstration Activities to external audience, on or off campus

2017 Vivianca Gomez, MD, Department of Plastic Surgery, Fundacion Santa Fe de Bogata, Columbia, 2 days to develop operational skills to open a burn center

2017 Ahmed Nawar MD, Department of Plastic Surgery and Burns, Cairo University, Cairo, Egypt, 4 week visit to learn surgical techniques in acute burn care

2017 Hungchang Chen MD, Department of Plastic and Reconstructive Surgery, Chang Gung Memorial Hospital, Taoyuan, Taiwan, 2 week visit to learn surgical techniques in acute and reconstructive burn care

2017 Alexey Sachkov, MD, Department of Plastic and Reconstructive Microsurgery, Moscow, Russia, 2 week visit to learn acute burn surgical techniques

2017 Won-Bae Chang, MD, Department of Surgery, Seoul National University, Bundang Hospital, Soeul, Korea, 1 week visit to learn CO2 laser techniques in reconstructive burn surgery

2018 Marcia Andande, MD, Department of Plastic Surgery, Hospital Federal De Bonsucesso, HGB, Rio De Janeiro, Brazil, 4 week visit to learn surgical techniques in acute and reconstructive burn care

2019 Roosevelt Fajardo, MD, Luis Felipe Cabrera, MD, Arturo Vergara, MD, Department of Surgery, Santa Fe de Bogata, Columbia, 2 days

Development of nationally/internationally recognized clinical standard of care – n/a

EDUCATIONAL ACTIVITIES

Educational Focus

My educational focus is to maximize resident and fellow learning. The primary focus is to develop the academic skills and surgical technique needed to become a successful burn surgeon. It is not uncommon for me to say, “but first be a good doctor.” I believe it is important to teach not only technique but skills in communication with the family, with colleagues and with hospital administration; as all these skills are needed to be a “good doctor.”

Teaching

Classroom instruction

JHMI/Regional

2015-2018	The Johns Hopkins Burn Center, Topics in Burns (weekly)
2015-present	The Johns Hopkins Burn Center, Morbidity and Mortality Conference (monthly)
2015-present	The Johns Hopkins Burn Center, Teaching Rounds (weekly)
2015-present	The Johns Hopkins Burn Center, Multidisciplinary Rounds (weekly)
2015-present	The Johns Hopkins Hospital, Department of Plastic and Reconstructive Surgery Grand Rounds (weekly)
2015-present	The Johns Hopkins Hospital, Department of Plastic and Reconstructive Surgery, Morbidity and Mortality Conference (monthly)
2015-present	The Johns Hopkins Bayview Medical Center, Department of Surgery, Morbidity and Mortality Conference (monthly)
2015-present	The Johns Hopkins Bayview Medical Center, Plastic Surgery Core Curriculum (quarterly)

National – n/a

International – n/a

Clinical instruction

JHMI/Regional

2015-present	Resident supervision and assessment, Burn Surgery, The Johns Hopkins Burn Center Operating room, inpatient, clinic, intensive care unit, emergency department
2015-present	Fellow supervision and assessment, Burn Surgery, The Johns Hopkins Burn Center Operating room, inpatient, clinic, intensive care unit, emergency department

National

December 2018 Fundamental Critical Care Support (FCCS) lecture for the Society of Critical Care Medicine, Basic Trauma and Burn Support, Ace Nurses/Critical Care Resident PAs), Johns Hopkins Bayview Medical Center

International – n/a

Graduate Medical Education

2015-present	Member, Resident Selection and Interview Committee, Independent and Integrated programs
2018-present	Director, Burn Fellowship Program, The Johns Hopkins Burn Center

2018-present Member, GMEC, Johns Hopkins University School of Medicine

CME instruction

JHMI/Regional – n/a

National

10/15 Instructor, Nurse/Physician Assistant/Physicians, Advanced Burn Life Support (ABLS), Johns Hopkins University School of Medicine, Baltimore, Maryland
4/16 Instructor, Nurse/Physician Assistant/Physicians, Advanced Burn Life Support (ABLS), Johns Hopkins University School of Medicine, Baltimore, Maryland
10/16 Instructor, Nurse/Physician Assistant/Physicians, Advanced Burn Life Support (ABLS), Johns Hopkins University School of Medicine, Baltimore, Maryland
4/17 Instructor, Nurse/Physician Assistant/Physicians, Advanced Burn Life Support (ABLS), Johns Hopkins University School of Medicine, Baltimore, Maryland
10/17 Instructor, Nurse/Physician Assistant/Physicians, Advanced Burn Life Support (ABLS), Johns Hopkins University School of Medicine, Baltimore, Maryland
5/18 Instructor, Nurse/Physician Assistant/Physicians, Advanced Burn Life Support (ABLS), Johns Hopkins University School of Medicine, Baltimore, Maryland
10/18 Instructor, Nurse/Physician Assistant/Physicians, Advanced Burn Life Support (ABLS), Johns Hopkins University School of Medicine, Baltimore, Maryland
4/19 Instructor, Nurse/Physician Assistant/Physicians, Advanced Burn Life Support (ABLS), Johns Hopkins University School of Medicine, Baltimore, Maryland
10/19 Instructor, Nurse/Physician Assistant/Physicians, Advanced Burn Life Support (ABLS), Johns Hopkins University School of Medicine, Baltimore, Maryland
4/21 Instructor, Nurse/Physician Assistant/Physicians, Advanced Burn Life Support (ABLS), Johns Hopkins University School of Medicine, Baltimore, Maryland
10/21 Instructor, Nurse/Physician Assistant/Physicians, Advanced Burn Life Support (ABLS), Johns Hopkins University School of Medicine, Baltimore, Maryland
10/22 Instructor, Nurse/Physician Assistant/Physicians, Advanced Burn Life Support (ABLS), Johns Hopkins University School of Medicine, Baltimore, Maryland
10/23 Instructor, Nurse/Physician Assistant/Physicians, Advanced Burn Life Support (ABLS), Johns Hopkins University School of Medicine, Baltimore, Maryland
4/24 Instructor, Nurse/Physician Assistant/Physicians, Advanced Burn Life Support (ABLS), Johns Hopkins University School of Medicine, Baltimore, Maryland
3/26 Instructor, Nurse/Physician Assistant/Physicians, Advanced Burn Life Support (ABLS), Johns Hopkins University School of Medicine, Baltimore, Maryland

International – n/a

Workshops / seminars – n/a

Mentoring

Pre-doctoral Advisees /Mentees

2015-2016 Alison Liu, Medical Student, Kings College, London UK, mentoring in clinical activities
2015-2016 Maggie Connolly, MD, currently general surgery resident at Massachusetts General Hospital, University of Maryland, Baltimore, MD, mentoring in clinical activities
2016-2018 Rachel Pedreira, Medical Student, Johns Hopkins University, Baltimore, MD, mentoring in research activities and clinical activities, female mentor program
2017-2018 Rachael Payne – Clinical Research Fellow, Johns Hopkins School of Medicine, mentoring in research activities, OR: 3
2017-2018 Emily Nagourney – MSPH student Johns Hopkins Bloomberg School of Public Health, mentoring in education, applying for medical school
2017-2018 Uduak-Obong Ekanem – Medical Student, Johns Hopkins University, Baltimore, MD, mentoring in research activities

2017-2018	Saarah Ebrahim – Medical Student, University of Aberdeen, United Kingdom, mentoring in clinical and research activities, OR: 6
2017-2020	Heather Peluso, MD General Surgery Chief Resident USC-Greenville, mentoring in research and clinical activities, OR: 2, 7, CR: 25
2018-2020	An Guo Michael Chin, Medical Student, Philadelphia College of Osteopathic Medicine, mentoring in clinical and research activities, general surgery resident, RA: 23
2018 -2020	Rachel Hill, Post-baccalaureate student, Goucher College, Towson, Maryland, mentoring in education, applying to medical school
2018-2020	Sophie Cemaj, Post-baccalaureate student, NIH, National Institute on Drug Abuse, mentoring in education and clinical activities, applying for medical school
2019-2020	Simidele Davis – Post-baccalaureate student, Goucher College, Towson, Maryland, mentoring in education and clinical activities, applying to medical school
2019-2021	Nneka Meza – Post-baccalaureate student, Biotech, Johns Hopkins University, Baltimore Maryland, mentoring in education and clinical activities, accepted to NYIT – COM in New York
2019-2020	Marife Teague – Radiology resident, Georgetown University, Washington, DC, mentoring in academic activities, change in career
2019-2020	Pierre Guzman –Research Assistant, Johns Hopkins University, Baltimore, MD, mentoring in education and clinical activities, applying to medical school
2019-2020	Abigail Sneider – Post-baccalaureate student, Johns Hopkins University, Baltimore, Maryland, mentoring in education and clinical activities, attending University of Chicago for medical school
2020-2021	Helen Xun – Medical student, Johns Hopkins University School of Medicine, Baltimore, Maryland, mentoring in applying for surgical residency and women leadership in medicine, Matched at Harvard for Plastic Surgery
2020-2021	Pooja Yasentharou – Medical Student, Johns Hopkins University School of Medicine, Baltimore, Maryland, mentoring in applying for surgical residency and women leadership in medicine
2021-2022	Josh Puthumana – Medical student, The University of Maryland, Baltimore, Maryland, mentoring in education and clinical activities, Matched at Johns Hopkins for Plastic Surgery
2021-2022	Ying Ku – Medical Student, Campbell University School of Osteopathic Medicine, Lillington, North Carolina, mentoring in applying for residency and women leadership in medicine
2021-2022	Kim Khoo – Medical Student, , Johns Hopkins University School of Medicine, Baltimore, Maryland, mentoring in applying for surgical residency and women leadership in medicine
2021-2024	Nneka Mezu – Medical Student, NYIT College of Osteopathic Medicine, mentoring
2022-2023	Kate Milford, Medical Student, NYIT College of Osteopathic Medicine, mentoring on applying for surgical residency
2023-2024	Arushi Devgun, undergraduate student, JHU, mentoring on applying for medical school
2023-2024	Danielle Sim, Medical Student, University of Maryland, Mentoring in applying for surgical residency and women leadership in medicine
2024-2025	Mohsin Sharif, Post-Baccalaureate Premedical program Goucher College, Mentoring in applying for medical school
2024-2025	Levi Kline, Franklin and Marshall College, Premedical program, Mentoring in applying for medical school
2024-2025	Connor Allan, University of Central Florida, Premedical program, Mentoring in applying for medical school
2025-present	Kiran Abraham-Aggarwal, Post-Baccalaureate Premedical Program Goucher College, Mentoring in applying for medical school
2025-present	Farzad Mokhtariesbuie MD, Post-doctoral Research Fellow, Johns Hopkins University, Mentoring in applying for general surgery and plastic surgery residency programs in the United States
2026 – present	Paul Ankah, MD, General Surgery Resident, St. Agnes, mentoring in applying for general surgery positions

Post-doctoral Advisees /Mentees

2015-2016	Velamuri Sai Ramakrishna, MD – University of Tennessee, Assistant Professor, Department of Plastic and Reconstructive Surgery, Clinical Fellowship in Burn Surgery (2016), OR:1
	Rabia Nizamani, MD – University of North Carolina, Assistant Professor, Department of Surgery, Clinical Fellowship in Burn Surgery (2016)
	Julia Slater, MD – University of Cincinnati, Assistant Professor, Department of Plastic and Reconstructive Surgery, Clinical Fellowship in Burn Surgery (2016)

2016-2017	Chiaka Abara, MD – Parkland Hospital Health Center, Assistant Professor, Department of Surgery, Clinical Fellowship in Burn Surgery (2017) Luis Quiroga, MD – Johns Hopkins University, Bloomberg School of Public Health – Master’s Program, Clinical Fellowship in Burn Surgery (2017), OR: 3,6,10,17,18, RA: 26 Anthony Sabo, DO – Clinical Fellowship in Burn Surgery (2017), RA: 1
2017-2018	Mohammed Asif, MD – Johns Hopkins University, Clinical Instructor, Department of Plastic and Reconstructive Surgery, Clinical Fellowship in Burn Surgery (2018), OR: 8,14,17,18, RA: 21,22, CR: 26,27 Seth Ladd, DO – St. Johns Episcopal Hospital, General Surgery Resident, Department of Surgery, Clinical Fellowship in Burn Surgery, OR: 18 Paul Aifesehi, MD –University of Illinois – Metropolitan Group Hospitals, General Surgery Resident, Department of Surgery Luis Quiroga, MD - Johns Hopkins University, Bloomberg School of Public Health – Master’s Program, Clinical Fellowship in Burn Reconstruction (2018), Plastic Surgery Fellow University of West Virginia, OR: 3,6,10,17,18, RA: 26
2018-2019	Mohammed Asif, MD – Johns Hopkins University, Clinical Instructor, Department of Plastic and Reconstructive Surgery, Clinical Fellowship in Burn Reconstruction (2019), OR: 8,14,17,18, RA: 21,22, CR: 26,27 Ashley Modica, MD – University of South Florida, Plastic Surgery Fellow, Department of Plastic and Reconstructive Surgery, Clinical Fellowship in Burn Surgery (2019) Eliana Duraes, MD – Cleveland Clinic, Microsurgery Fellow, Department of Plastic and Reconstructive Surgery, Clinical Fellowship in Burn Surgery (2019), Plastic Surgeon Cleveland Clinic
2019-2020	Marlieke Nussenbaum, MD, University of South Carolina, Plastic Surgery Fellow, Department of Plastic and Reconstructive Surgery, Clinical Fellow in Burn Surgery (2020), Plastic Surgery Fellow, Surgical Critical Care fellow Margarita Ramos, MD - Clinical Fellow in Burn Surgery (2020) Scott Sylvester, MD – University of Florida, General Surgery Resident, Department of Surgery, Clinical Fellow in Burn Surgery (2020), Plastic Surgery Fellow at Johns Hopkins
2020-2021	Margarita Ramos, MD – Advanced Clinical Fellow in Burn Surgery (2020), Practicing in Puerto Rico David Chou, MD – Clinical fellowship in Burn Surgery (2020), Wound care physician at Mt. Sinai, Baltimore, Maryland Joann Warrick, MD – Clinical fellowship in Burn (2020), Practicing wound care physician at Doctor’s Hospital Lanham, Maryland (2021)
2021-2022	Stephanie Martinez, MD, Clinical fellowship in Burn/SCC (2022), Department of Plastic and Reconstructive Surgery, Johns Hopkins University, Acute Care Surgery Fellow, Johns Hopkins University (2022), Burn Attending at University of Las Vegas (2023) Sohayla Rostami, DO, Clinical fellowship in Burn/SCC, Department of Plastic and Reconstructive Surgery, Johns Hopkins University Wen Kawaji, MD, Clinical fellowship in Burn/SCC, Department of Plastic and Reconstructive Surgery, Johns Hopkins University, Vascular Surgery Fellow at Johns Hopkins University
2022- 2023	Elizabeth Blears, MD, Clinical fellowship in Burn/SCC, Department of Plastic and Reconstructive Surgery, Johns Hopkins University, Plastic Surgery Fellow Nadeem Haddad, MD, Clinical fellowship in Burn Surgery, Department of Plastic and Reconstructive Surgery, Johns Hopkins University Hassan Ahmad, MD, Clinical fellowship in Burn/SCC, Department of Plastic and Reconstructive Surgery, Johns Hopkins University
2023 – 2024	Jessica Ballou, MD, Clinical fellowship in Burn/SCC, Department of Plastic and Reconstructive Surgery, Johns Hopkins University, Burn Attending at Vanderbilt Nicky Pinnock, MD, Clinical fellowship in Burn, Department of Plastic and Reconstructive Surgery, Johns Hopkins University, Plastic Surgery Fellow Marisa Vinas, Clinical fellowship in Burn, Department of Plastic and Reconstructive Surgery, Johns Hopkins University, Cosmetic Surgery fellow
2024 – 2025	John Hovorka, MD Clinical fellowship in Burn/SCC, Department of Plastic and Reconstructive Surgery, Johns Hopkins University Gianluca Tripodi, MD Clinical fellowship in Burn, Department of Plastic and Reconstructive Surgery, Johns Hopkins University, Plastic Surgery Fellow Mohammed Majid Ul-Haq, MBBS Clinical fellowship in Burn, Department of Plastic and Reconstructive Surgery, Johns Hopkins University

2025 – Present Stephanie Bond, MD, Clinical fellowship in Burn/SCC, Department of Plastic and Reconstructive Surgery, Johns Hopkins University
Alessandra Cabrera, MD, Clinical fellowship in Burn, Department of Plastic and Reconstructive Surgery, Johns Hopkins University
Mohammed Majid Ul-Haq, MBBS, Clinical fellowship in Burn Reconstruction, Department of Plastic and Reconstructive Surgery, Johns Hopkins University

Thesis Committees

2023-2024 Emily Werthman, PhD, RN, CBRN – Characteristics of Pain in Survivors of Adverse Childhood Experiences, Doctor of Philosophy, University of Maryland, 2024
2023-2024 SiNing Zhao, PhD – Posttraumatic Growth in Chinese Burn Patients and Family Caregivers, Doctor of Public Health, Johns Hopkins University, March 2024

Educational Program Building / Leadership

2015-2018 Burn Fellowship Program Director, Topics in Burn Surgery, Educational Program

Educational Demonstration Activities to external audiences – n/a

RESEARCH ACTIVITIES

Research Focus My research efforts focus on clinical trials to improve functional survival in patients who have sustained burn injury. These studies are designed to improve quality measures including infection rates, pressure injury prevention, delirium prevention and improved pain control.

Research Program Building / Leadership – n/a

Research Demonstration Activities – n/a

Inventions, Patents, Copyrights

2020 – 2021 Vent-Lock: A 3D Printed Ventilator Multiplexer to Enhance the Capacity of Treating Patients with COVID-19

Technology Transfer Activities – n/a

SYSTEM INNOVATION AND QUALITY IMPROVEMENT ACTIVITIES

System Innovation Focus My System Innovation and Quality Improvement efforts focus on improving patient outcomes, decreasing complication rates, improving staff wellness and infection control.

System Innovation and Quality Improvement efforts within JHMI:

2016-March 2018 Reduction in MRSA colonization and transmission in the BICU, implementation of process improvement by practice change. Introduction of UV light for decontamination of patient rooms, Avagard upon entrance to the BICU, room rotation and bed changes every 10 days and single use wound care supplies.

2017 Development of The Johns Hopkins Burn Unit Clinical Practice Guidelines, adopted at the Johns Hopkins Burn Center, Johns Hopkins Bayview Medical Center

2018 Development of Enhanced Recovery after Burn Surgery (ERABS) Guidelines, adopted at the Johns Hopkins Burn Center, Johns Hopkins Bayview Medical Center

2019 – 2021 Introduction of Wellsense Vu pressure mapping device to monitor pressure injuries in the BICU

2020-2021 Introduction of Avagard to hand hygiene protocols in the BWU and BICU

2020-2021 Introduction of prophylactic mupirocin to the BWU and BICU

2020-2021 Nurse Driven Burn Resuscitation Protocol

2023-2025 Sleep Hygiene Initiative

System Innovation and Quality Improvement efforts outside of JHMI:

National

2019-present	Committee member, American College of Osteopathic Surgeons, Quality Initiatives Committee, appointed position
October 2024	Bermuda Hospital Board Assessment, Program development to establish transfer criteria and process for burn injured patients to Johns Hopkins
April 2025	American College of Osteopathic Physicians Mid-Year Review – Quality Improvement Program (Developed and ran a 4 hour workshop on Quality Improvement., Obtained permission for attendees to obtain CME or OCC credit for attending the workshop), Omaha, Nebraska
April 2026	American College of Osteopathic Physicians Mid-Year Review – Quality Improvement Program (Developed and ran a 4 hour workshop on Quality Improvement., Obtained permission for attendees to obtain CME or OCC credit for attending the workshop, Charleston, North Carolina

System Innovation and Quality Improvement Program Building/Leadership:

2015-2018 Development of Burn Quality Improvement Program (BQUIP), Program development and inception, Physician lead: provides clinical insight and guidance to the program to direct process change and to implement evidence based improvements, Obtained 1.0 FTE for Burn Coordinator Position, Created a dashboard to monitor complications, Engaged nursing, therapy, psychology, pharmacology and nutrition, Changed culture and improved morale – “See Something Say Something”

ORGANIZATIONAL ACTIVITIES

Institutional Administrative Appointments -n/a

Editorial Activities

2021 European Burn Journal – Topics Editor

Editorial Board Appointments – n/a

Journal peer review activities

2014 –2018	e-Plasty
2015 – 2017	Case Studies in Surgery
2018 – 2024	Annals of Plastic and Reconstructive Surgery
2018 - 2025	Annals of Plastic Surgery
2019 – 2025	International Wound Journal
2021 – Present	Journal of Burn Care & Research
2022 – 2026	European Burn Journal
2022 – 2025	BMC Emergency Medicine
2025 – Present	New England Journal of Medicine

Advisory Committees, Review Groups/Study Sections

1. FY15 Military Burn Research Program (MBRP) Applied Research (AR) peer review panel
2. FY16 Defense Medical Research and Development Program (DMRDP), Joint Program Committee – 6 (JPC-6)/U.S. Army Medical Research Material Command, Combat Casualty Care Research Program (CCCRP), Prolonged Field Care Research Award (PFCRA) Burns, Wounds and Fractures (BWF) peer review panel
3. FY16 Peer Reviewed Orthopedic Research Program (PRORP)
4. FY18 US Army Medical Research and Material Command (MRMC) Broad Agency Announcement for Extramural Research (BAA-EMR), Clinical and Rehabilitative Medicine peer review panel
5. FY20 Combat Casualty Care Research Program (CCCRP) Combat Trauma (G) panel
6. FY20 US Army Medical Research and Material Command (MRMC) Broad Agency Announcement for Extramural Research (BAA-EMR), Clinical and Rehabilitative Medicine peer review panel

7. FY19 Military Burn Research Program (MBRP) Clinical Translational Research (CTR) panel.
8. FY19 Combat-Readiness-Medical Research Program (CRRP) WC-5 review panel.
9. FY21 Combat Casualty Care Research Program (CCCRP) peer review panel.
10. FY22 Combat Casualty Care Research Program (CCCRP) Pulmonary Injury and Trauma (PIT) panel.

Professional Societies

- 2008 – Present Member, American College of Osteopathic Surgeons
 2019 – Present Member/Board Liaison, Quality Initiatives Committee, American College of Osteopathic Surgeons
 2020 – Present Member, Ad Hoc Committee, General Surgery Discipline, American College Osteopathic Surgeons
 2025 – Present Member/Board Liaison, Continuing Education Committee, American College of Osteopathic Surgeons
- 2020 – 2022 Secretary/Treasurer, General Surgery Discipline, American College of Osteopathic Surgeons
 2022 – 2024 Chair-elect, General Surgery Discipline, American College of Osteopathic Surgeons
 2024 – Present Chair, General Surgery Discipline, American College of Osteopathic Surgeons
- 2013 - Present Member, American Burn Association
 2017 – Present Member, Ethics Committee, American Burn Association
- 2020 – 2023 Member, Hidradenitis Suppurativa Foundation, Partnerships Committee
 2023 – Present Member, Hidradenitis Suppurativa Foundation, Impact Committee
 2024 – Present Member, Hidradenitis Suppurativa Foundation, Provider Education Workgroup
- 2022 – 2024 Member, International Society for Burn Injuries

Conference Organizer

JHMI/Regional – n/a

National

- 2016 Northeast Regional Burn Conference – Program Planning Committee Member
 2025 American College of Osteopathic Surgeons Mid-Year Review, A Primer on Quality Measures in Medicine

International – n/a

Session Chair

JHMI/Regional – n/a

National

- 2017 American Burn Association, Ethics Committee, Session organizer
 2018 American Burn Association, Ethics Committee, Session organizer
 2019 American Burn Association, Ethics Committee, Session organizer
 2020 American Burn Association, Ethics Committee, Session organizer
 2021 American Burn Association, Ethics Committee, Session organizer
 2022 American Burn Association, Ethics Committee, Session organizer
 2023 American Burn Association, Ethics Committee, Session organizer
 2024 American Burn Association, Ethics Committee, Session organizer
- 2024 American Burn Association, Hidradenitis Suppurativa, Educational Forum, Session organizer
 2025 American Burn Association, Multidisciplinary Approach to Oral-facial burns, Session organizer
- 2020 American College of Osteopathic Surgeons Annual Clinical Assembly, Quality Initiatives, Session organizer
 2021 American College of Osteopathic Surgeons Annual Clinical Assembly, Quality Initiatives, Session organizer
 2022 American College of Osteopathic Surgeons Annual Clinical Assembly, Quality Initiatives, Session organizer
 2023 American College of Osteopathic Surgeons Annual Clinical Assembly, Quality Initiatives, Session organizer
 2024 American College of Osteopathic Surgeons Annual Clinical Assembly, Quality Initiatives, Session organizer

International – n/a

Consultantship – n/a

RECOGNITION

Awards, Honors

2020 Johns Hopkins Technology Ventures Women in Innovation Nominee, <https://ventures.jhu.edu/programs-services/women-in-innovation/>

2024 Miller-Coulson Academy of Clinical Excellence

Invited Talks

JHMI/Regional

- 3/16 Management of Burns, General Surgery Grand Rounds, Sinai Hospital, Baltimore Maryland
- 4/16 Special Burn Injuries, Plastic Surgery Grand Rounds, Johns Hopkins, Baltimore Maryland
- 6/17 CO2 Laser of Hypertrophic Burn Scars, Plastic Surgery Grand Rounds, Johns Hopkins, Baltimore, Maryland
- 11/17 ERAS for Acute Burn Patients with >20% TBSA, Anesthesia Department Staff Meeting, Johns Hopkins Bayview Medical Center, Baltimore, MD
- 10/19 Case Studies in Burn Surgery, EMS Providers, Johns Hopkins Bayview Medical Center, Baltimore, MD
- 2/20 Burn Rehabilitation, PM&R didactic session, Johns Hopkins Hospital, Baltimore, MD
- 5/25 Introduction to Burns, Nursing Students, Johns Hopkins Bayview Medical Center, Baltimore, MD

National

- 10/16 Role of bronchoscopy in inhalation injury – Pro/Con debate, Northeast Regional Burn Conference, Washington DC
- 9/17 Triumph and Tragedy: A difficult burn case. Northeast Regional Burn Conference, Philadelphia, PA
- 10/17 Critical Management of the Burn Patient, Annual Clinical Assembly, American College of Osteopathic Surgeons, Washington DC
- 11/18 Laser therapy vs Compression Garments – Pro/Con debate, moderator, Northeast Regional Burn Conference, Cambridge, Massachusetts
- 8/19 How to get from here to there: Management of the Burn Patient, Saint Johns Episcopal Hospital Grand Rounds, Far Rockaway, New York
- 10/19 Beyond Burns, Mid-Atlantic Region of the Wound, Ostomy and Continence Nurses Society, Hunt Valley, Maryland
- 10/20 How to build a quality improvement program, American College of Osteopathic Surgeons, Annual Clinical Assembly, Virtual Conference
- 10/21 Advances in Burn Surgery, American College of Osteopathic Surgeons, Annual Clinical Assembly, Virtual Conference
- 10/21 Hidradenitis Suppurativa – Current Treatment Recommendations, American College of Osteopathic Surgeons, Annual Clinical Assembly, Virtual Conference
- 10/21 How to build a quality improvement program – for the general surgeon, American College of Osteopathic Surgeons, Annual Clinical Assembly, Virtual Conference
- 4/22 Evolution of Skin Substitutes, Panel, American Burn Association, Las Vegas, Nevada, Sponsored by Medline
- 4/22 Smoking on Home Oxygen: Ethical Principles, Panel, American Burn Association, Las Vegas, Nevada
- 1/23 Innovations in Treatment of Scars from Burns and Trauma, Medicine Grand Rounds, Jefferson Abington Hospital, Abington, PA
- 3/23 Virtual Clinical Ethics Consultation, Panel, North American Burn Society, Mammoth Mountain, California
- 09/23 The PDSA Cycle in Surgical Quality, American College of Osteopathic Surgeons, Annual Clinical Assembly, Chicago, Illinois
- 09/23 NSTI: Post Excision Management Options, American College of Osteopathic Surgeons, Annual Clinical Assembly, Chicago, Illinois

09/23	Complex Cases in Necrotizing Soft Tissue Infections: A Panel Discussion, American College of Osteopathic Surgeons, Annual Clinical Assembly, Chicago, Illinois
10/23	Osteopathic Medical Education (OMED) Hybrid Conference, Hidradenitis Suppurativa – Current Treatment Recommendations
10/23	Facial burns – Start to Finish, Plastic Surgery The Meeting, Austin, Texas
5/24	Self harming behavior, Ethical Principles, Panel, American Burn Association, Chicago, Illinois
5/24	Hidradenitis – Current treatment recommendations, American Burn Association, Chicago, Illinois
9/24	Surgical Quality: The Basics of Implementation, American College of Osteopathic Surgeons, Annual Clinical Assembly, Orlando, Florida
9/24	Surgical Quality: The Basics of Implementation: The Workshop, American College of Osteopathic Surgeons, Annual Clinical Assembly, Orlando, Florida
11/24	A Thin Line Between Love and Trach – early vs late tracheostomy placement, Northeast Regional Burn Conference, Newark, New Jersey
11/24	Facial Burns: Start to Finish – a decade of experience, Grady Trauma Grand Rounds, Atlanta, Georgia
03/25	Advances in Burn Care, Shock Trauma, Trauma Anesthesia Grand Rounds, Baltimore, Maryland
04/25	Different Types of Measures in QI, American College of Osteopathic Surgeons, Mid-Year Review, A Primer on Quality Measures in Medicine, Omaha, Nebraska
04/25	Process Improvement Methods in QI, American College of Osteopathic Surgeons, Mid-Year Review, A Primer on Quality Measures in Medicine, Omaha, Nebraska
10/25	Advances in Burn Care, Tidal Health Peninsula Regional General Surgery Grand Rounds, Salisbury, Maryland
04/26	Different Types of Measures in QI, American College of Osteopathic Surgeons, Mid-Year Review, A Primer on Quality Measures in Medicine, Charleston, SC
04/26	Process Improvement Methods in QI, American College of Osteopathic Surgeons, Mid-Year Review, A Primer on Quality Measures in Medicine, Charleston, SC

International

11/19	Metabolic Support in Trauma/Burns, Third Course of Manejo Del Politrauma, Fundacion, Santa Fe de Bogota, Columbia
11/19	Multidisciplinary Management of Burned Patients, Third Course of Manejo Del Politrauma, Fundacion, Santa Fe de Bogota, Columbia
11/19	Burn Resuscitation, Third Course of Manejo Del Politrauma, Fundacion, Santa Fe de Bogota, Columbia
9/20	Vent-lock, Johns Hopkins Hong Kong Alumni Group, via Zoom
7/21	Current Trends in Skin Substitutes, ReSurge International PWRS Mentorship Program, via zoom
10/24	Advances in Burn Care, Bermuda Hospital Board, Hamilton, Bermuda