

CURRICULUM VITAE

Jeremy H. Levin MD

Assistant Professor
Department of Surgery
Division of Surgery Trauma and Acute Care

OFFICE ADDRESS:

9200 West Wisconsin Avenue

Milwaukee, WI 53226

EDUCATION:

2003 - 2007 BS, cum laude, Biochemistry and Molecular Biology, Rhodes College

2009 - 2013 MD with distinction, George Washington University School of Medicine, Washington, DC

POSTGRADUATE TRAINING AND FELLOWSHIP APPOINTMENTS:

2013 - 2019 Resident, Department of Surgery, George Washington University Hospital, Washington, DC

2016 - 2017 Trauma/ACS Research Fellowship, DC, Division of Trauma and Critical Care, George Washington University Washington

2019 - 2020 Fellow in Surgical Critical Care, Vanderbilt University Medical Center, TN, Division of Trauma and Critical Care, Nashville

2020 - 2021 Fellow in Acute Care Surgery AAST ACS Fellowship, Nashville TN, Division of Trauma and Critical Care, Vanderbilt University Medical Center

FACULTY APPOINTMENTS:

2021 - 2023 Assistant Professor of Surgery, Department of Surgery, Indiana University School of Medicine, Indianapolis, IN

2023 - Present Assistant Professor of Surgery, Department of Surgery, Medical College of Wisconsin, Milwaukee, WI

ADMINISTRATIVE APPOINTMENTS:

2024 - Present Medical Oversight Chair, Southeast Regional Trauma Advisory Council, Milwaukee, WI

2025 - Present Medical Director, 2NT Inpatient Unit, Milwaukee, WI

EDUCATIONAL ADMINISTRATIVE APPOINTMENTS:

2021 - 2022 Assistant Professor Development Series, Indiana University School of Medicine, Indianapolis, IN

2021 - 2023 ACS Lecture Series Coordinator, IU Health, IN, Division of Acute Care Surgery, Indianapolis

2021 - 2023 AAST ACS Site Director Methodist Hospital, IU Health, IN, Division of Acute Care Surgery, Indianapolis

2022 - 2023 ACS Trauma Video Review Coordinator/Creator, IU Health, IN, Division of Acute Care Surgery, Indianapolis

2023 - Present Associate Program Director, AAST Acute Care Surgery Fellowship, WI, Division of Trauma and Acute Care Surgery, Medical College of Wisconsin

2024 - 2027 EAST Leadership Development Workshop Scholarship awardee, Eastern Association for the Surgery of Trauma

2024 - 2025 Surgical Education and Leadership Fellowship, Association of Surgical Education

HOSPITAL STAFF PRIVILEGES:

2021 - 2023 Methodist Hospital, 1701 N Senate Avenue, Indianapolis, IN 46202

2023 - Present Froedtert West Bend Hospital, 3200 Pleasant Valley Road, West Bend, WI 53095
 2023 - Present Community Memorial Hospital, W180 N8085 Town Hall Road, Menomonee Falls, WI 53051
 2023 - Present Froedtert Memorial Lutheran Hospital, 9200 W. Wisconsin Ave., Milwaukee, WI 53226

SPECIALTY BOARDS AND CERTIFICATION:

<u>Board Certified</u>	<u>Issue Date</u>	<u>Expiration</u>
American Board of Surgery	10/21/2020	01/2025
American Board of Surgery	04/12/2021	01/2025
Surgical Critical Care		None

<u>Certificates</u>	<u>Issued By</u>	<u>Issue Date</u>	<u>Expiration</u>
ATLS	ACS	2013	None
BEST	ACS	2019	None
ASSET	ACS	2019	None
ATOM	ACS	2019	None
ACLS	AHA	2021	2025
BLS	AHA	2021	2025

<u>Licensure</u>	<u>Number</u>	<u>Issue Date</u>	<u>Expiration</u>
Tennessee	60821	2020	None
Washington	MD044296	2021	None
Indiana	01086326A	2021	None
Wisconsin License	82030-20	2023	2025

AWARDS AND HONORS:

2013 - Present Paul DeWitt Award for Outstanding Potential in Surgery, Department of Surgery, George Washington University Hospital
 2013 - 2014 Outstanding Resident Teacher, Department of Surgery, George Washington University Hospital
 2015 - 2016 ICU Resident of the Year, Department of Surgery, George Washington University Hospital
 2015 - 2016 Thoracic Surgery Resident of the Year, Department of Surgery, George Washington University Hospital
 2016 - Present Local Resident Paper Competition, 1st place, Committee on trauma, American College of Surgeons
 2017 - Present Resident Research Award, Quality Improvement Category, Department of Surgery, George Washington University Hospital
 2017 - 2018 Outstanding Resident Teacher, Department of Surgery, George Washington University Hospital
 2018 - 2019 Surgical Resident of the Year, Department of Surgery, George Washington University Hospital
 2019 - 2020 Gavin Family Fellowship Award, Division of Trauma, Vanderbilt University Medical Center
 2025 - Present Outstanding Clinical Faculty Award, Division of Emergency Medicine, Medical College of Wisconsin

MEMBERSHIPS IN HONORARY AND PROFESSIONAL SOCIETIES:

2018 - Present Eastern Association for the Surgery of Trauma
 2019 - Present American Association for the Surgery of Trauma
 2021 - Present American College of Surgeons
 2021 - 2023 Indiana Chapter of the American College of Surgeons
 2023 - Present Association of Surgical Education
 2023 - Present Academic Surgical Association
 2024 - Present Wisconsin Surgical Society
 Medical

INVITED LECTURES/WORKSHOPS/PRESENTATIONS:

Regional

- *‡ Division of Acute Care Surgery, "Podcasts in Acute Care Surgery", Medical College of Wisconsin, February 2023
- ‡*"Vents, extubation criteria, and ARDS", IU Health 360 Symposium: EMS, Trauma, and Critical Care, April 2023
- ‡*"Pelvic binders: when and how to use them", Milwaukee Trauma Symposium, August 2024
- ‡ Division of Acute Care Surgery, "Trauma and the Affordable Care Act", Medical College of Wisconsin, November 12, 2020.

Local

- ‡* "Abdominal compartment syndrome", Indiana University School of Medicine, Resident Education Conference, 2021.
- ‡* "Skymaster: Or how I stopped worrying and learned to love checklists". Indiana University Health Methodist Hospital, ACS Lecture Series, 2022.
- ‡*"The AABCCs of Blunt Agonal Trauma". Indiana University Health Methodist Hospital, ACS Lecture Series 2022
- ‡* "Acute Kidney Injury", Indiana University Health Methodist Hospital, ACS Lecture Series, 2021.

PEER REVIEWED WORKSHOPS/PRESENTATIONS:

National

- ‡Holzmacher JL, Marae B, Sarani B. Operative Fixation of a Flail Sternum after Cardiopulmonary Resuscitation. Chest Wall Injury Summit. Park City, UT 2017
- Young H, Holzmacher JL, Amdur R, Gondek S, Sarani B, Schroeder E. Use of four-factor prothrombin complex concentrate for non-vitamin K antagonist coagulopathy. Society of Critical Care Medicine. Honolulu, HI 2017
- ‡Holzmacher JL, Townsend K, Seavey C, Gannon S, Collins S, Amdur R, Sarani B. The impact of expanded Medicaid coverage on hospital length of stay following injury. Academic Surgical Congress Las Vegas, NV 2017; ACS Committee on Trauma Local and Regional Paper Competitions, 2016
- ‡Holzmacher JL, Reynold C, Patel M, Holland S, Maluso P, Gamsky N, Moore H, Acquista E, Carrick M, Amdur R, Hancock H, Dunn J, Sarani B. Platelet Transfusion Does Not Improve Outcomes in Brain Injured Patients on Antiplatelet Therapy. Academic Surgical Congress. Las Vegas, NV 2017
- Zettervall S, Holzmacher JL, Werba G, Ju T, Rivas-Ramirez L, Huysman B, Lin, P, Vaziri K. Vascular reconstruction during pancreaticoduodenectomy does not increase morbidity or mortality. American College of Surgeons All Surgeons Day, Washington DC Chapter. Washington DC, 2017
- ‡Holzmacher JL, Rivas-Ramirez L, Zettervall SL, Jeney A, Schroeder M, Vaziri K, Babak S, Gondek S. The role of diversion in emergent colectomy for hemorrhage. American Association for the Surgery of Trauma. Baltimore, MD 2017
- Zettervall S, Holzmacher JL, Ju T, Werba G, Huysman B, Lin P, Sidawy A, Vaziri K. Arterial, but not Venous, Reconstruction Increases Morbidity and Mortality in Pancreaticoduodenectomy. Presented at the 13th Academic Surgical Congress. Orlando, FL 2017
- Estroff JE, Butano V, Levin JH, Hendrix C, Rosen K, Sarani B. Single Center retrospective analysis of isolated intracranial hemorrhage outcomes. Presented at the 15th Academic Surgical Congress. Orlando, FL 2020; American College of Surgeons Committee on Trauma Local Paper Competition, 2019
- ‡Levin JH, Zebley J, Butano V, Panahi A, Amdur R, Sarani B, Estroff J.M. Age does not predict failure to rescue following resuscitative thoracotomy in penetrating trauma. Presented at the 15th Academic Surgical Congress. Orlando, FL 2020; American College of Surgeons Committee on Trauma Local Paper Competition, 2019
- *Scanameo LN, Redilla NC, Swartwood BR, Smith HL, Levin JH, Meagher AD. There is no plan: Geriatric Firearm Owners and the Prevalence of Pre-Planning Conversations for Cognitive Decline. Quick shot presentation at 2023 Academic Surgical Congress, Houston TX, February 2023
- *Choe D, Swartwood BR, Smith HL, Scanameo LN, Redilla NC, Levin JH, Hartsock JA, Meagher AD. Implicit bias in hospital behavioral alert calls. Quick shot presentation at 2023 Academic Surgical Congress, Houston TX, February 2023
- *Redilla NC, Isenberg SD, Levin JH, Meagher AD. Utility of checklist auditing for trauma activation process evaluation. Podium presentation at 2023 Academic Surgical Congress, Houston, TX, February 2023

- *Smith HL, Timsina LR, Redilla NC, Scanameo LN, Swartwood BR, Levin JH, Meagher AD. Increased readmission after trauma surgery in incarcerated patients. Podium presentation at 2023 Academic Surgical Congress, Houston, TX, February 2023
- *Choron RL et al. Levin JH contributing author. Outcomes among trauma patients with duodenal leak following primary vs complex repair of duodenal injuries: an EAST multicenter trial. Presented at the 36th EAST Annual Scientific Assembly. Lake Buena Vista, FL 2023
- ‡*Levin JH, Pecoraro AR, Meagher A, Steenburg S, Hammer PM. Characterization of fatal blunt injuries using PMCT. Podium to be presented at the 36th EAST Annual Scientific Assembly. Lake Buena Vista, FL 2023
- *Levin JH, Drahos A, McCormick R, Bales A, McGhee K, Feizpour C, Robinson T, Jenkins P, Adams G, Thurston M, Colgate C, Ahmed A, Rodriguez R. Implementation of an EGS Alert System and OR Priority Guideline Significantly Reduces Time to OR for High-Risk Diagnoses. Quickshot podium presentation at the 37th Annual EAST Scientific
- *Thurston M, Robinson T, Pandhiri T, Kathrym M, Bryant C, Drahos A, Jenkins P, Levin JL, Rodriguez R. Geriatric Trauma ICU Admission Guidelines Reduced Unplanned ICU Admission by Half. Presented at the 19th Academic Surgical Congress. Washington DC, February 2024
- Poster
- Assadipour Y, Vaziri K, Holzmacher JL, Amdur R, Lee J, Lin P. Comparison of Laparoscopic and Open Revision Roux-en-y Gastric Bypass. Washington, DC 2014
- ‡Holzmacher JL, Sarani B, Puche A, Granite G, Shalin V, Pugh K, Teeter W, Tisherman S, Shackelford S, Mackenzie C. Can hyper-realistic physical models of peripheral vessel exposure and fasciotomy replace cadavers for performance assessment? American College of Surgeons Clinical Congress. Washington, D
- Zettervall SL, Holzmacher JL, Rivas-Ramirez L, Werba G, Olfason S, Lin P, Vaziri K. Pancreaticojejunostomy by Duct-to-Mucosa and Invagination Techniques Result in Similar Mortality and Pancreatic Fistula Rates. American College of Surgeons Clinical Congress. San Diego, CA 2
- Mohseni S, Holzmacher JL, Sjolin G, Ahl R, Sarani B. Outcomes of Surgical Versus Non-Surgical Management of Grade III and IV Pancreatic Injury: A Trauma Quality Improvement Program (TQIP) Databank Analysis. American Association for the Surgery
- Levin JH, Glenn I, Butano V, Amdur R, Ponsky T, Vaziri K. The emergency of direct hernias during adolescence may signify changes in pediatric to adult inguinal floor physiology. Presented at the American College of Surgeons. San Francisco, 2019.
- *Levin JH & Wallace MW, Hess TN, Beavers JR, Chang T, Beyene R. The Effect of Propofol on Peri-Induction Hemodynamics and Resuscitation in Operative Penetrating Trauma. Presented as poster presentation at the American College of Surgeons Clinical Congress, CA, 2022
- *Levin JH, Drahos A, McCormick R, Bales A, McGhee K, Feizpour C, Robinson T, Jenkins P, Adams G, Thurston M, Colgate C, Ahmed A, Rodriguez R. A Novel Emergency General Surgery Alert System Reduces Time-To-OR for High-Risk Diagnoses. Poster at the 2024 ACS Quality and Safety Conference, Denver CO, July 2024
- ‡Holzmacher JL, Sarani B, Puche A, Granite G, Shalin V, Pugh K, Teeter W, Tisherman S, Shackelford S, Mackenzie C. Can hyper-realistic physical models of peripheral vessel exposure and fasciotomy replace cadavers for performance assessment? Military Health System Research Symposium, Orlando, FL 2016

Regional

- *Schroering J, Chen A, Gromski M, Falimirski M, Levin JL. Endoscopic management of persistent duodenal fistula following blunt abdominal trauma. Indiana Chapter of the American College of Surgeons 69th Annual Scientific Meeting, 2022, Carmel, IN

Poster

- *Chen A, Schroering J, Levin JL. Enterocutaneous fistula barrier technique for skin grafting wound coverage. Indiana Chapter of the American College of Surgeons 69th Annual Scientific Meeting, 2022, Carmel, IN

COMMITTEE SERVICE:

Medical College of Wisconsin

2021 - 2023 POCUS Credentialing and Privilege Committee, IU Health Methodist Hospital, Indianapolis,

IN
2022 - 2023 Program Evaluation Committee, Surgical Critical Care Fellowship, IU Health Methodist Hospital, Indianapolis, IN
2022 - 2023 ACS Model of Care Committee, Committee Chair, Methodist Hospital, Indianapolis, IN
2022 - 2023 Trauma Resuscitation Committee, IU Health, Methodist Hospital, Indianapolis, IN
2024 - 2027 Faculty Career Development Committee, Provost Appointee
2024 - Present Program Evaluation Committee, Surgical Critical Care and Acute Care Surgery Fellowship
2024 - Present Clinical Competency Committee, Surgical Critical Care and Acute Care Surgery Fellowship
Prior

MCW TEACHING ACTIVITIES:

Medical Student Education

- 2023 October 2023 Surgery Clerkship Suture Lab, Medical College of Wisconsin
- 2024 March 2024 Surgery Clerkship Suture Lab, Medical College of Wisconsin

Resident and Fellow Education

- 2025 March 2025 Traumatic Cardiac Arrest, Problem-based learning session, General surgery residency intern class
- 2025 May 2025 Traumatic Brain Injury, Problem-based learning session, General surgery residency intern class
- 2024 November 2024 Ventilator-associated pneumonia/critical care, Problem-based learning session, General surgery residency intern class
- 2024 August 2024 - Current ACS 2nd year transition to practice curriculum
- 2024 May 2024 Mock Orals, General Surgery Residency
- 2024 March 2024 Ventilator-associated pneumonia/critical care, Problem-based learning session, General surgery residency intern class
- 2024 January 2024 "Steroids in Critical Care", SCC Fellows Conference
- 2023 October 2023 "Vent weaning and extubation", SCC Fellows Conference
- 2023 September 2023 ATOM Course Instructor, General Surgery Residency

Continuing Medical Education

- 2023 - Present ATLS Course Director/Instructor
- 2023 October 2023 Flight for Life Lecture, Orthopedic Trauma

EXTRAMURAL TEACHING:

Medical Student Education

- 2021 - 2023 IUH Methodist Hospital Trauma and Emergency General Surgery Clerkship, IU #S700, IUSM #93SG690

Graduate Student Education

- 2021 - 2023 *Advanced Trauma Life Support, Instructor/Course Director, IU Health Methodist Hospital, Indianapolis, IN
- 2022 - 2023 *Cadaver and Animal lab for Advanced Practice Providers, IU Health Methodist Hospital, Indianapolis, IN
- 2022 - 2023 *Advanced Practice Provider Bootcamp, IU Health Methodist Hospital, Indianapolis, IN
- 2022 - 2023 *Cadaver and Animal lab for EMS personnel, IU Health Methodist Hospital, Indianapolis, IN
- 2024 - Present *Harvard John A. Paulson School of Engineering and Applied Science ES 227: Medical Device Design (G)

Resident and Fellow Education

- 2022 - 2023 IUH Methodist Hospital Monthly Trauma Video Review, Conference Creator and Coordinator

**EXTRAMURAL STUDENTS, FACULTY, RESIDENTS, AND CLINICAL/RESEARCH FELLOWS
MENTORED:**

Undergraduate Students

2019 - 2022 Olivia Busk, Nashville, Vanderbilt University, TN

2019 - 2022 Michael Finn-Henry, Nashville, Vanderbilt University, TN

Medical Students

2019 - 2022 Marshall Wallace, Nashville TN, Vanderbilt University

Residents

Fellows

2023-2024 Weston Andrews, Medical College of Wisconsin, SCC Fellow
Milwaukee, WI

2023 - 2025 Simin Golestani, Medical College of Wisconsin, SCC and ACS Fellow
Milwaukee, WI

2024 - Present Liz Loomis, Medical College of Wisconsin, SCC Fellow
Milwaukee, WI

2024 - Present Courtney Pokryzwa, Medical College of, SCC and ACS Fellow
Wisconsin, WI, Milwaukee

BIBLIOGRAPHY

Refereed Journal Publications/Original Papers

1. Van Sickle K, Culberson LM, Holzmacher JL, Cafiero M. Evaluation of density functional theory methods for the electronic interactions between indole and substituted benzene: Applications to horseradish peroxidase. *International Journal of Quantum Chemistry*. 2007; 107(6):1523-1531
2. Shih CS, Laurie N, Holzmacher JL, Spence Y, Nathwani AC, Davidoff AM, Dyer MA. AAV-mediated local delivery of interferon-beta for the treatment of retinoblastoma in preclinical models. *Neuromolecular Med* 2009;11(1):43-52.
3. Haskins IN, Holzmacher JL, Obias V, Agarwal S. The use of transanal hemorrhoidal dearterialization for treatment of hemorrhoid disease at a single institution. *Am Surg* 2016 Dec 1;82(12):1160-1162
4. Juo YY, Skancke M, Holzmacher JL, Amdur RL, Lin PP, Vaziri K. Laparoscopic versus open ventral hernia repair in patients with chronic liver disease. *Surg Endosc* 2017 Feb;31(2):769-777
5. Holzmacher JL, Luka S, Aziz M, Amdur R, Agarwal S, Obias V. The use of robotic and laparoscopic surgical stapling devices during minimally invasive colon and rectal surgery: A comparison. *J Laparoendosc Adv Surg Tech A* 2017; 27(2):151-155
6. Holzmacher JL, Sarani B, Puche A, Granite G, Shalin V, Pugh K, Teeter W, Tisherman S, Shackelford S, Mackenzie CF. Can hyper-realistic physical models of peripheral vessel exposure and fasciotomy replace cadavers for performance assessment? *J Trauma Acute Care Surg* 2017 Mar 15. doi: 10.1097/TA.0000000000001419
7. Holzmacher JL, Townsend K, Seavey C, Gannon S, Collins S, Amdur R, Sarani B. The impact of expanded Medicaid coverage on hospital length of stay following injury. *JAMA Surg* 2017 Jun 28. doi:

- 10.1001/jamasurg.2017.1720
8. Young H, Holzmacher JL, Amdur R, Gondek S, Sarani B, Schroeder E. Use of four-factor prothrombin complex concentrate for non-vitamin K antagonist coagulopathy. *Blood Coagul Fibrinolysis* 2017 Jun 9. doi: 10.1097/MBC.0000000000000643
 9. Zettervall S, Holzmacher JL, Radomski M, Skancke M, Shafa J, Amdur R, Sarani B, Vaziri K. Comparison of complications following laparoscopic and endoscopic gastrostomy placement. *J Gastrointest Surg* 2017 Jun 28. doi: 10.1007/s11605-017-3475-1
 10. Mohseni S, Holzmacher JL, Sjolin G, Ahl R, Sarani B. Outcomes of Surgical Versus Non-Surgical Management of Grade III and IV Pancreatic Injury: A Trauma Quality Improvement Program (TQIP) Databank Analysis. *Injury* 2018 Jan;49(1):27-32. doi: 10.1016/j.injury.2017.11.021. Epub 2017 Nov 21.
 11. Zettervall SL, Holzmacher JL, Rivas L, Olafson SN, Lin PP, Vaziri K. Pancreaticojejunostomy by duct to mucosa and invagination techniques result in similar mortality and pancreatic fistula rates. *J Am Coll Surg* 2017;225(4):e124
 12. Holzmacher JL, Reynold C, Patel M, Holland S, Maluso P, Gamsky N, Moore H, Acquista E, Carrick M, Amdur R, Hancock H, Dunn J, Sarani B. Platelet Transfusion Does Not Improve Outcomes in Brain Injured Patients on Antiplatelet Therapy. *Brain Inj* 2018;32(3):325-330. doi: 10.1080/02699052.2018.1425804. Epub 2018 Jan 17
 13. Zettervall SL, Ju T, Holzmacher JL, Rivas L, Lin PP, Vaziri K. Neoadjuvant Radiation Is Associated with Fistula Formation Following Pancreaticoduodenectomy. *J Gastrointest Surg* 2018 Jun;22(6):1026-1033. doi: 10.1007/s11605-018-3725-x.
 14. Savage SA, Li SW, Utter GH, Cox JA, Wydo SM, Cahill K, Sarani B, Holzmacher JL, Duane TM, Gandhi RR, Zielinski MD, Ray-Zack M, Tierney J, Chapin T, Murphy PB, Vogt KN, Schroepfel TJ, Callaghan E, Kobayashi L, Coimbra R, Schuster KM, Gillaspie D, Timsina L, Louis A, Crandall M. The EGS Grading Scale For Skin And Soft Tissue Infections Is Predictive Of Poor Outcomes: A Multicenter Validation Study. *J Trauma Acute Care Surg* 2019 Apr;86(4):601-608. doi: 10.1097/TA.0000000000002175
 15. Rivas L, Zettervall SL, Ju T, Olafson S, Holzmacher JL, Lin PP, Vaziri K. The Effect of Pancreaticojejunostomy Technique on Fistula Formation Following Pancreaticoduodenectomy in the Soft Pancreas. *J Gastrointest Surg* 2019 Mar 18. doi: 10.1007/s11605-019-04164-6.
 16. Zettervall SL, Ju T, Holzmacher JL, Huysman B, Werba G, Sidawy A, Lin P, Vaziri K. Arterial, but Not Venous, Reconstruction Increases 30-Day Morbidity and Mortality in Pancreaticoduodenectomy. *J Gastrointest Surg* 2020; 24(3):578-584.
 17. Roden-Foreman JW, Rapier NR, Foreman ML, Zagel AL, Sexton KW, Beck WC, McGraw C, Coniglio RA, Blackmore AR, Holzmacher JL, Sarani B, Hess JC, Greenwell C, Adams CA Jr, Lueckel SN, Weaver M, Agrawal V, Amos JD, Workman CF, Milia DJ, Bertelson A, Dorlac W, Warne MJ, Cull J, Lyell CA, Regner JL, McGonigal MD, Flohr SD, Steen S, Nance ML, Campbell M, Putty B, Sherar D, Schroepfel TJ. Rethinking the definition of major trauma: The Need for Trauma Intervention outperforms Injury Severity Score and Revised Trauma Score in 38 adult and pediatric trauma centers. *J Trauma Acute Care Surg* 2019 Jun 13. doi: 10.1097/TA.0000000000002402.
 18. Levin JH, Collins, L., Adekunle, O., Jackson, H. T., Vaziri, K., Schroeder, M. and Davison, D. (2019), Blood product wastage reduction by utilizing low-cost, low-impact multimodal physician-to-physician communication initiatives. *Transfusion Med* doi:10.1111/tme.12640
 19. Roden-Foreman JW, Rapier NR, Foreman ML, Zagel AL, Sexton KW, Beck WC, McGraw C, Coniglio RA, Blackmore AR, Holzmacher JL, Sarani B, Hess JC, Greenwell C, Adams CA Jr, Lueckel SN, Weaver M, Agrawal V, Amos JD, Workman CF, Milia DJ, Bertelson A, Dorlac W, Warne MJ, Cull J, Lyell CA, Regner JL, McGonigal MD, Flohr SD, Steen S, Nance ML, Campbell M, Putty B, Sherar D, Schroepfel TJ. Avoiding Cribari gridlock 2: The standardized triage assessment tool outperforms the Cribari matrix method in 38 adult and pediatric trauma centers. *Injury* 2020; S0020-1383(20)30768-3. doi:10.1016/j.injury.2020.09.027
 20. Levin JH, Estroff JM, Zebley J, Butano V, Pierce A, Panahi A, Amdur R, Sarani B. Age does not predict failure to rescue following resuscitative thoracotomy in penetrating trauma. *J Emerg Med.* 2021 Jul;61(1):12-18. doi: 10.1016/j.jemermed.2021.01.021
 21. *COVIDSurg Collaborative. Levin JH contributing author. Machine learning risk prediction of mortality for patients undergoing surgery with perioperative SARS-CoV-2: the COVIDSurg mortality score. *Br J Surg.* 2021 Nov 11;108(11):1274-1292. doi: 10.1093/bjs/znac183.
 22. *COVIDSurg Collaborative. Levin JH contributing author. Outcomes and their state-level variation in

- patients undergoing surgery with perioperative SARS-CoV-2 infection in the USA: A prospective multicenter Study. *Ann Surg.* 2022 Feb 1;275(2):247-251. doi: 10.1097/SLA.00000000000005310.
23. *Hofer L, Corcoran B, Drahos AL, Levin JH, Steenburg SD. Post-mortem computed tomography assessment of medical support device position following fatal trauma: a single-center experience. *Emerg Radiol.* 2022 Jun 28. doi: 10.1007/s10140-022-02072-y.
 24. COVIDSurg Collaborative. Levin JH contributing author. Is perioperative COVID-19 really associated with worse surgical outcomes? A nationwide COVIDSurg propensity-matched analysis. *J Trauma Acute Care Surg.* 2023 Apr 1;94(4):513-524. doi: 10.1097/TA.0000000000003859. Epub 2023 Jan 19. PMID: 36949053; PMCID: PMC10044588.
 25. *Choron RL, Teichman A, Bargoud C, et al. Levin JH contributing author. Outcomes Among Trauma Patients with Duodenal Leak Following Primary vs Complex Repair of Duodenal Injuries: An EAST Multicenter Trial [published online ahead of print, 2023 Apr 19]. *J Trauma Acute Care Surg.* 2023;10.1097/TA.0000000000003972. doi:10.1097/TA.0000000000003972
 26. * Levin JH, Pecoraro A, Ochs V, Meagher A, Steenburg SD, Hammer PM. Characterization of fatal blunt injuries using postmortem computed tomography. *J Trauma Acute Care Surg.* 2023 Aug 1;95(2):186-190. doi: 10.1097/TA.0000000000004012. Epub 2023 Apr 17. PMID: 37068024.
 27. * Levin JH, Wallace MW, Hess TN, Beavers JR, Chang T, Beyene RT. The Effect of Propofol on Peri-Induction Hemodynamics and Resuscitation in Operative Penetrating Trauma. *Am Surg.* 2024 Apr;90(4):731-738. doi: 10.1177/00031348231177932. Epub 2023 May 20. PMID: 37209120.
 28. *Choron RL, Rallo M, Piplani C, Youssef S, Teichman AL, Bargoud CG, Sciarretta JD, Smith RN, Hanos DS, Afif IN, Beard JH, Dhillon NK, Zhang A, Ghneim M, Devasahayam RJ, Gunter OL, Smith AA, Sun BL, Cao C, Reynolds JK, Hilt LA, Holena D, Chang G, Jonikas M, Echeverria K, Fung N, Anderson A, Dumas RP, Fitzgerald CA, Levin J, Trankiem C, Yoon JJ, Blank J, Hazelton J, McLaughlin CJ, Al-Aref R, Kirsch JM, Howard DS, Scantling DR, Dellonte K, Vella M, Hopkins B, Shell C, Udekwu PO, Wong EG, Joseph BA, Lieberman H, Ramsey W, Stewart C, Alvarez C, Berne JD, Nahmias J, Puente I, Patton JP, Rakitin I, Perea LL, Pulido OR, Ahmed H, Keating J, Kodadek L, Wade J, Henry R, Schreiber M, Benjamin A, Khan A, Mann LK, Mentzer C, Mousafeiris V, Mulita F, Reid-Gruner S, Sais E, Foote C, Palacio-Lascano C, Argandykov D, Kaafarani H, Bover Manderski M, Narayan M, Seamon MJ. The impact of post-operative enteral nutrition on duodenal injury outcomes: A post hoc analysis of an EAST multicenter trial. *J Trauma Acute Care Surg.* 2024 May 15. doi: 10.1097/TA.0000000000004303. Epub ahead of print. PMID: 38745354.
 29. Thurston M, Robinson T, Pandhiri T, McGhee K, Bryant C, Drahos A, Jenkins P, Levin J, Rodriguez R. Geriatric Trauma Intensive Care Unit Admission Guideline is Associated With Reduction in Unplanned Intensive Care Unit Admissions. *J Surg Res.* 2024 Sep 2;302:790-797. doi: 10.1016/j.jss.2024.07.072. Epub ahead of print. PMID: 39226703.
 30. Choron RL, Piplani C, Kuzinar J, Teichman AL, Bargoud C, Sciarretta JD, Smith RN, Hanos D, Afif IN, Beard JH, Dhillon NK, Zhang A, Ghneim M, Devasahayam R, Gunter O, Smith AA, Sun B, Cao CS, Reynolds JK, Hilt LA, Holena DN, Chang G, Jonikas M, Echeverria-Rosario K, Fung NS, Anderson A, Fitzgerald CA, Dumas RP, Levin JH, Trankiem CT, Yoon J, Blank J, Hazelton JP, McLaughlin CJ, Al-Aref R, Kirsch JM, Howard DS, Scantling DR, Dellonte K, Vella MA, Hopkins B, Shell C, Udekwu P, Wong EG, Joseph B, Lieberman H, Ramsey WA, Stewart CH, Alvarez C, Berne JD, Nahmias J, Puente I, Patton J, Rakitin I, Perea L, Pulido O, Ahmed H, Keating J, Kodadek LM, Wade J, Reynold H, Schreiber M, Benjamin A, Khan A, Mann LK, Mentzer C, Mousafeiris V, Mulita F, Reid-Gruner S, Sais E, Foote CW, Palacio CH, Argandykov D, Kaafarani H, Bover Manderski MT, Moko L, Narayan M, Seamon M. Pancreaticoduodenectomy in trauma patients with grade IV-V duodenal or pancreatic injuries: a post hoc analysis of an EAST multicenter trial. *Trauma Surg Acute Care Open.* 2024 Dec 20;9(1):e001438. doi: 10.1136/tsaco-2024-001438. PMID: 39717488; PMCID: PMC11664373.'
 31. Levin JL, Lee JT, Castor J, Rodriguez R, Timsina L, Jenkins P. Association of Nights and Weekends and Patterns of Interfacility Transfer and Mortality for Emergency General Surgery Patients. *J Trauma Acute Care Surg.* 2025
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Books, Chapters, and Reviews

1. Holzmacher JL, Agarwal S, Obias V. The Evolution of Minimally Invasive Surgery, In: Robotic Colon and Rectal Surgery, Springer International Publishing, 2017
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Editorials, Letters To Editor, Other

1. Jasti J, Levin J, Blank J, Engel T, Holena D, Peschman J, Iverson K, Carver T, Beckman M, Colella MR. Addressing the Use of Mechanical Compression Devices in Traumatic Out-of-Hospital Circulatory Arrest. *Prehosp Emerg Care.* 2025 May 12:1-2. doi: 10.1080/10903127.2025.2500714. PMID: 40323299.

Non-Peer Reviewed Educational Products

1. June 2020 Dennis BM, Behbahaninia M, Levin JH, Atchison L, Beavers J. Trauma Critical Care Stress Ulcer Prophylaxis Protocol. Division of Trauma and Critical Care, Vanderbilt University Medical Center, Nashville TN
2. June 2020 Levin JH, Behbahaninia M, Atchison L, Beavers J, Dennis BM. Practice Management Guidelines for Analgesia in the Non-Intubated Patient. Division of Trauma and Critical Care, Vanderbilt University Medical Center, Nashville TN
3. June 2021 Levin JH, Pertz AB, Bacchetta, M. Practice Management Guideline for VV ECMO in Trauma. Division of Trauma and Critical Care, Vanderbilt University Medical Center, Nashville TN
4. June 2022 *Levin JH, Hammer PM, Rodriguez R. Practice Management Guideline for Massive Transfusion Protocol Triggers. Division of Acute Care Surgery, IU Health Methodist Hospital, Indianapolis, IN
5. June 2022 *Levin JH, Hammer PM, Rodriguez R. Practice Management Guideline for Treatment of Alcohol Withdrawal Syndrome. Division of Acute Care Surgery, IU Health Methodist Hospital, Indianapolis, IN
6. June 2022 *Levin JH, Hammer PM, Rodriguez R. Practice Management Guideline for Emergency Department Resuscitative Thoracotomy. Division of Acute Care Surgery, IU Health Methodist Hospital, Indianapolis, IN
7. July 2022 *Levin JH, Hammer PM, Rodriguez R. Practice Management Guideline for the Management of Chest Tubes. Division of Acute Care Surgery, IU Health Methodist Hospital, Indianapolis, IN
8. July 2022 *Levin JH, Hammer PM, Rodriguez R. Practice Management Guideline for the Management of Small Bowel Obstructions. Division of Acute Care Surgery, IU Health Methodist Hospital, Indianapolis, IN
9. October 2022 EAST Promotional Video - "Why I joined EAST?"
10. 2021 - 2024 EAST Traumacast; moderator and editor
11. Flagship podcast of the Eastern Association for the Surgery of Trauma
12. Episodes:
13. *"Less is more - Discussing the EAST MCT: Outcomes Among Trauma Patients with Duodenal Leak Following Primary vs Complex Repair of Duodenal Injuries", January 2023
14. *"Resuscitative Thoracotomy: Who? When? Why? To What End?", April 2023
15. *"Don't Practice Renalism - A Discussion about Contrast Associated Acute Kidney Injury", Oct 2021
16. "Identification and Treatment of Alcohol Withdrawal Syndrome", May 2021
17. 2024 - Present EAST: In the Arena; creator, producer, contributing editor, and host
18. Podcast creator, producer, contributing editor, and host that aims to interview and highlight best practices in trauma, emergency general surgery, critical care, and burn surgery among different trauma centers
19. Recordings
20. EAST - In the Arena Live Recordings at the 2024 EAST Scientific Assembly, Orlando, FL
21. EASY - In The Arena: Live Recordings at the 2025 EAST Scientific Assembly, Tucson, AZ
22. Episodes:

23. *"EAST - In the Arena: If Your CT is a Death Tube..."
24. Co-host, October 2022
25. *"EAST - In the Arena: The Swentek!"
26. Co-host, editor, producer, November 2022
27. *"EAST - In the Arena: Quilts. Quilts? QUILTS!"
28. Co-host, editor, producer, December 2022
29. *"EAST - In the Arena: The Story of Spalding and The REBOA"
30. Co-host, producer, February 2023
31. *"EAST - In the Arena: The Acute Care Surgeon FTE with Pat Murphy"
32. Co-host, producer, April 2023
33. *"EAST - In the Arena: Police Drop Offs in the City of Brotherly Love"
34. Co-host producer, March 2023
35. *"EAST - In the Arena: Giraffe Burns with Irma Fleming"
36. Co-host, editor, producer, May 2023
37. *"EAST - In the Arena: Creating a Center in the Southside of Chicago"
38. Co-host, editor, producer, July 2023
39. *"EAST - In the Arena: Boots on the Ground, Pilot in the Airplane"
40. Co-host, producer, August 2023
41. *"EAST - In the Arena: To Be A Trauma Surgeon in Canada"
42. Co-host, producer, October 2023
43. *"EAST - In the Arena: Everybody has an Auntie in Anchorage"
44. Co-host, producer, December 2023
45. *"EAST - In the Arena: Artificial Intelligence - The Next Frontier in Acute Care Surgery"
46. Co-host, producer, February 2024
47. "EAST - In the Arena: Smile, You're on Camera!"
48. Co-host, March 2024
49. "EAST - In the Arena: Building a National Trauma System from the Ground Up!"
50. Co-host, editor, April 2024
51. "EAST - In the Arena: Don't say "pull the plug" - Protocolizing Goals of Care Discussions in the ICU"
52. Co-host, editor, June 2024
53. "EAST - In the Arena: Teaching Stop the Bleed in Peds"
54. Editor, July 2024
55. "EAST - In the Arena: The S.A.M.I. Study"
56. Co-host, editor, producer, October 2024
57. "EAST - In the Arena: EGS Alert!"
58. Co-host, editor, producer, December 2024
59. "EAST - In the Arena: Leading with Empathy - Trauma Informed Care!"
60. Co-host, editor, producer, February 2025
61. "EAST - In the Arena: Tele-ICUs"
62. Producer, April 2025
63. "EAST - In the Arena: From Emergency Medicine Residency to Surgical Critical Care"
64. Co-host, editor, engineer, producer, May 2025
65. EAST In the Arena: Discover Why 'A' May Not Always Be First In The ABCs of Trauma!
66. Co-host, editor, engineer, producer, June 2025

Database, Video, or Other Research/Clinical Contributions

1. ‡Holzmacher JL, Harr JN, Brody F. Laparoscopic Lateral Pancreaticojejunostomy. Society of American Gastrointestinal and Endoscopic Surgeons. Boston, MA 2016
2. Walters J, Holzmacher JL, Brody F. Laparoscopic hiatal hernia repair following Ivor-Lewis Esophagectomy. Society of American Gastrointestinal and Endoscopic Surgeons. Baltimore, MD 2019
3. Walters J, Holzmacher JL, Brody F. Laparoscopic resection of a retroduodenal paraganglioma. Society of American Gastrointestinal and Endoscopic Surgeons. Baltimore, MD 2019