

**Publications**

1. **Alter SM, Phadnis S, Mirza Z, Solano JJ, Shih RD**, Hughes PG, **Clayton LM**. Acute Stroke Patients on Daily Anticoagulant or Antiplatelet Therapy Receiving Thrombolysis or Thrombectomy. *Cureus*. 2026 Apr 8;18(4):e106657. doi: 10.7759/cureus.106657. PMID: 42110107.
2. **Alter SM**, Fukuoka-Armitage KM, **Wallace MW, Solano JJ, Clayton LM, Hughes PG, Shih RD**. Patients in Rhabdomyolysis Presenting to the Emergency Department. *JACEP Open*. 2025 Dec;6(6):100269. doi: 10.1016/j.acepjo.2025.100269. PMID: 41281738.
3. American College of Emergency Physicians Clinical Policies Subcommittee (Writing Committee) on Airway Management; Godwin SA, Hahn SA, Friedman BW, Shy B, Hickey SM, Wall SP, Wolf SJ, Diercks DB; Members of the American College of Emergency Physicians Clinical Policies Committee (Oversight Committee); Diercks DB, Anderson JD, Byyny R, Carpenter CR, Gemme SR, Gerardo CJ, Godwin SA, Hahn SA, Hatten BW, Haukoos JS, Kaji A, Kwok H, Lo BM, Mace SE, Thompson J, Promes SB, Shah KH, **Shih RD**, Silvers SM, Slivinski A, Smith MD, Thiessen MEW, Tomaszewski CA, Trent S, Valente JH, Wall SP, Westafer LM, Yu Y, Cantrill SV, Finnell JT, Schulz T, Vandertulip K. Clinical Policy: Critical Issues in the Management of Adult Patients Requiring Endotracheal Intubation in the Emergency Department. *Annals of Emergency Medicine*. 2025 Aug;86(2):e29-e68. doi: 10.1016/j.annemergmed.2025.04.003. PMID: 40685219.
4. American College of Emergency Physicians Clinical Policies Subcommittee (Writing Committee) on Asymptomatic Hypertension; Gemme S, Meltzer AC, Byyny R, Diercks DB; Members of the American College of Emergency Physicians Clinical Policies Committee (Oversight Committee); Diercks DB, Anderson JD, Byyny R, Carpenter CR, Friedman BW, Gemme SR, Gerardo CJ, Godwin SA, Hatten BW, Haukoos JS, Kaji A, Kwok H, Lo BM, Mace SE, Mattu A, Promes SB, Shah KH, **Shih RD**, Silvers SM, Slivinski A, Smith MD, Thiessen MEW, Thompson JT, Tomaszewski CA, Trent SA, Valente JH, Westafer LM, Wall SP, Yu Y, Lin MP, Finnell JT, Schulz T, Vandertulip K. Clinical Policy: A Critical Issue in the Outpatient Management of Adult Patients Presenting to the Emergency Department With Asymptomatic Elevated Blood Pressure: Approved by the ACEP Board of Directors January 22, 2025. *Annals of Emergency Medicine*. 2025 Jul;86(1):e1-e11. doi: 10.1016/j.annemergmed.2024.09.016. PMID: 40543987.
5. American College of Emergency Physicians Clinical Policies Subcommittee (Writing Committee) on Nontraumatic Thoracic Aortic Dissection; Promes SB, Westafer L, Byyny R, Diercks DB; Members of the American College of Emergency Physicians Clinical Policies Committee (Oversight Committee); Diercks DB, Anderson J, Byyny R, Carpenter CR, Finnell JT, Friedman BW, Gemme SR, Gerardo CJ, Godwin SA, Hahn SA, Hatten BW, Haukoos JS, Kaji A, Kwok H, Lo BM, Mace SE, Thompson JT, Promes SB, Shah KH, **Shih RD**, Silvers SM, Slivinski A, Smith MD, Thiessen MEW, Tomaszewski CA, Trent S, Valente JH, Wall SP, Westafer LM, Yu Y, Schulz T, Vandertulip K. Critical Issues in the Evaluation and Management of Adult Patients With Suspected Acute Nontraumatic Thoracic Aortic Dissection. *Annals of Emergency Medicine*. 2025 Jul;86(1):e12-e26. doi: 10.1016/j.annemergmed.2025.04.002. PMID: 40543988.

6. American College of Emergency Physicians Clinical Policies Subcommittee on Cannabis Consumption; Hatten BW, Bonney C, Wall SP, Diercks DB; Members of the American College of Emergency Physicians Clinical Policies Committee (Oversight Committee); Diercks DB, Silvers SM, Anderson JD, Byyny R, Carpenter CR, Finnell JT, Friedman BW, Gemme SR, Gerardo CJ, Gibson J, Godwin SA, Hatten BW, Haukoos JS, Kaji A, Kelen G, Kwok H, Lin MP, Lo BM, Mace SE, Mattu A, Moran M, Promes SB, Shah KH, **Shih RD**, Slivinski A, Smith MD, Thiessen MEW, Thompson JT, Tomaszewski CA, Trent SA, Valente JH, Wall SP, Westafer LM, Yu Y, Cantrill SV, Schulz T, Vandertulip K. Clinical Policy: Critical Issues Related to Harms of Cannabis Exposure in Adult Patients Presenting to the Emergency Department, Cardiovascular Considerations: Approved by ACEP Board of Directors September 4, 2025. *Ann Emerg Med*. 2026 Jan;87(1):e1-e9. doi: 10.1016/j.annemergmed.2025.06.608. PMID: 41421829.
7. **Barton DJ**, Fan EK, Gober IG, Awan N, Kumar RG, Carlson JC, Frankel MR, Wright DW, Wagner AK. Traumatic Brain Injury Severity Measured by Clinical, Radiographical, and Blood Biomarker Measures Is Associated with Non-Neurological Organ Dysfunction: A Secondary Analysis of ProTECT III and Bio-ProTECT. *J Neurotrauma*. 2025 Nov;42(21-22):1947-1958. doi: 10.1177/08977151251362234. PMID: 40779423.
8. Caplan C, **Engstrom G**, Wells M, Alter SM, Clayton LM, Solano JJ, Bruno E, **Buckley TP**, **Shih RD**. Supratherapeutic warfarin and risk of intracranial hemorrhage in geriatric patients with blunt head trauma. *American Journal of Emergency Medicine*. 2025 Oct;96:75-79. doi: 10.1016/j.ajem.2025.06.020. PMID: 40540788.
9. Da Costa A, **Engstrom G**, Ouslander J. Association of Fall Risk Scores With 30-Day Return to Hospital Rates in Older Adults Following a Hip Fracture: A Retrospective Single-Center Analysis of a Quality Improvement Database. *Cureus*. 2025 Oct 31;17(10):e95818. doi: 10.7759/cureus.95818. PMID: 41328137.
10. Khazem M, **Engstrom G**, Wells M, Alter SM, Clayton LM, **Buckley TP**, Solano JJ, Hughes PG, Agrawal V, **Shih RD**. Lack of Fall Concern and Primary Care Physician Follow-Up in Geriatric Emergency Department Patients with Head Trauma from a Fall. *Advances in Geriatric Medicine and Research*. 2025 Jul;7(3):e250014. doi: 10.20900/agmr20250014.
11. Expert Panel on Gastrointestinal Imaging; Soleimani S, Kamel IR, Chang KJ, Bartel TB, Bhosale PR, Cash BD, Chernyak V, Felker RA, Gupta A, Lo HS, Magnetta M, **Shih RD**, Yacoub JH, Fowler KJ. ACR Appropriateness Criteria® Acute Left Upper Quadrant Pain. *Journal of the American College of Radiology*. 2025 Nov;22(11S):S481-S491. doi: 10.1016/j.jacr.2025.08.046. PMID: 41193039.
12. Expert Panel on Vascular Imaging; Partovi S, Li X, Aghayev A, Hedgire SS, Abuzaid AS, Ahmad S, Hamid A, Henkin S, Hulten E, Nagpal P, Pillai AK, Revzin MV, Ripley B, Saboo SS, **Shih RD**, Siracuse JJ, Solnes LB, Thomas R, Majdalany BS. ACR Appropriateness Criteria® Suspected and Known Renal or Splanchnic Artery Aneurysm. *J Am Coll Radiol*. 2026 Mar 19:S1546-1440(26)00140-7. doi: 10.1016/j.jacr.2026.02.030. PMID: 41860517.
13. Gilmore N, Leal S, Da Costa A, Ouslander J, **Engstrom G**. Correction: Hospital Readmissions After Vertebral Fracture in Older Adults: A Comparison of Management Strategies. *Cureus*. 2026 Feb 17;18(2):c403. doi: 10.7759/cureus.c403. Erratum for: *Cureus*. 2026 Feb 16;18(2):e103704. doi: 10.7759/cureus.103704. PMID: 41717593.
14. Gilmore N, Leal S, Da Costa A, Ouslander J, **Engstrom G**. Hospital Readmissions After Vertebral Fracture in Older Adults: A Comparison of Management Strategies. *Cureus*. 2026 Feb

16;18(2):e103704. doi: 10.7759/cureus.103704. Erratum in: *Cureus*. 2026 Feb 17;18(2):c403. doi: 10.7759/cureus.c403. PMID: 41717592.

15. Guyette FX, Chaudhary P, Vincent LE, Love ET, Brubaker DP, Neal MD, Brown JB, Rixe J, **Barton DJ**, Yates A, Wisniewski SR, Sperry JL. A Randomized Controlled Trial of Sublingual Sufentanil in Early Management of Pain in Trauma. *Anesth Analg*. 2025 Jul 1;141(1):172-180. doi: 10.1213/ANE.0000000000007384. PMID: 39919020.
16. Ostrowski SJ, Adkins A, Goldfarb D, Kukowski M, Stratton D, **Barton DJ**, Pizon AF. Transdermal buprenorphine patch-facilitated induction of sublingual buprenorphine in hospitalized patients receiving full agonist opioids: a retrospective cohort study. *Clin Toxicol (Phila)*. 2025 Nov;63(11):897-905. doi: 10.1080/15563650.2025.2553811. PMID: 40960872.
17. Ouslander JG, **Engstrom G**, Yang Z, Reyes B, Tappen R, Huckfeldt PJ. Diagnoses Associated With Hospitalization of Nursing Home Residents With Severe Functional Impairment and Terminal Illness. *J Am Med Dir Assoc*. 2025 Sep;26(9):105739. doi: 10.1016/j.jamda.2025.105739. PMID: 40639428.
18. **Phadnis SD, Hickey C, Alter SM, Clayton LM, Solano JJ, Shih RD**, Levine R, Hughes PG. Haptic Training Simulator Use in Emergency Procedure Education. *Cureus*. 2026 Mar 23;18(3):e105722. doi: 10.7759/cureus.105722. PMID: 42028530.
19. **Pierce BK, Alter SM, Clayton LM, Engstrom G, Wells M, Solano JJ, Hughes PG, Shih RD**. Outcomes in Geriatric Emergency Department Patients with Blunt Head Trauma on Preinjury Factor Xa Inhibitors. *Journal of Emergency Medicine*. 2025 Aug;75:65-73. doi: 10.1016/j.jemermed.2025.05.017. PMID: 40628140.
20. Pluymers N, Stephen V, **Wells M**. Exploring the knowledge and practice of calcium channel blocker overdose management among South African Emergency Medicine doctors. *Afr J Emerg Med*. 2026 Jun;16(2):100970. doi: 10.1016/j.afjem.2026.100970. PMID: 42005519.
21. Roycraft C, **Shih R, Engstrom G, Wells M, Alter S, Clayton L, Solano J, Ledbetter R, Hughes P**. Dementia Increases Rates of Intracranial Hemorrhage in Geriatric Emergency Department Head Trauma Patients [abstract 493]. *Annals of Emergency Medicine*. 2025 Sep;86(3):S212. doi: 10.1016/j.annemergmed.2025.06.512.
22. **Shih RD**, Caplan C, **Engstrom G, Wells M**. The authors respond to reader comment regarding supratherapeutic warfarin and risk of intracranial hemorrhage in geriatric patients with blunt head trauma. *Am J Emerg Med*. 2026 Feb;100:219-220. doi: 10.1016/j.ajem.2025.10.029. PMID: 41130866.
23. **Shih RD, Engstrom G**, Pandya AS, Fields GB, Furht B, Danesh AA, **Alter SM**, Munoz H, **Clayton LM, Solano JJ, Buckley T**, Hung O, Farag A, **Wells M**. Pharmacogenomic Drug-Gene Interactions in Geriatric Emergency Department Patients Who Sustained Falls: A Pilot Study. *Western Journal of Emergency Medicine*. 2025 Sep 25;26(5):1414-1422. doi: 10.5811/westjem.46553. PMID: 41193022.
24. **Shih RD**, Ragsdale L, Orr N, Steinberg K. Asymptomatic Acute Hypertension in Nursing Home Residents: Rarely an Emergency. *Journal of the American Medical Directors Association*. 2025 Nov;26(11):105858. doi: 10.1016/j.jamda.2025.105858. PMID: 40945923.

25. Sonar VG, Tanveer Jan M, Pandya A, **Wells M, Engstrom G, Shih R**, Furht B. 3D Camera-Based Body Weight Estimation Using Artificial Intelligence in Emergency Care Settings. *Emergency Care and Medicine*. 2025 Nov;2(4):55. doi: 10.3390/ecm2040055.
26. Southerland LT, Curiati PK, **Shih RD**, Lo AX, Harper K, Tarnovsky I, Brengartner A, Ragsdale L, Raukar N, Ryer S, Hunold KM, Mowbray F, Maddow CL, Carpenter CR, Liu SW. Physical and Occupational Therapist Evaluations for Fall Prevention in the Emergency Department: A Geriatric ED Guidelines 2.0 Systematic Review. *Acad Emerg Med*. 2026 Mar;33(3):e70201. doi: 10.1111/acem.70201. PMID: 41354970.
27. Wang G, Liu SW, **Wells M, Engstrom G, Hughes PG, Clayton LM, Alter SM, Solano JJ**, Torres JA, **Buckley TP, Shih RD**. Association of antiplatelet agents and intracranial hemorrhage in geriatric emergency department patients with head trauma from a fall. *Trauma Surg Acute Care Open*. 2025 Nov 18;10(4):e001863. doi: 10.1136/tsaco-2025-001863. PMID: 41278518.
28. Wei W, Theorell T, **Engstrom G**, Emami A. Cortisol-to-DHEAS awakening response ratio in people with dementia and family caregivers: Associations with age, dementia severity and agitation. *Compr Psychoneuroendocrinol*. 2025 Dec 19;25:100334. doi: 10.1016/j.cpnec.2025.100334. PMID: 41567991.
29. Wei W, Wei S, Han W, Wang K, Zhang H, **Engstrom G**, Emami A, Li Z. Machine learning assessment of cognitive reserve using functional near-infrared spectroscopy in older adults with cognitive frailty. *Geroscience*. 2025 Oct 12. doi: 10.1007/s11357-025-01918-w. PMID: 41076505.
30. **Wells M**, Goldstein LN. When Formulas Fail: A Secondary Analysis of Dual-Energy X-ray Absorptiometry (DXA) Body Composition Data Comparing Ideal and Lean Body Weight Equations Against Measured Lean Body Weight in Obese Children. *Cureus*. 2025 Nov 13;17(11):e96759. doi: 10.7759/cureus.96759. PMID: 41393747.
31. **Wells M**, Goldstein LN, **Alter S, Solano J, Engstrom G, Shih R**. Not ideal and poorly adjusted: the case against ideal body weight and adjusted body weight as drug dose scalars in obese adults. *SSRN*. 2026 Feb. doi: 10.2139/ssrn.6137125.

Published Abstracts

1. **Barton D**, Metwally S, Maczuzak J, Carlson J, Frankel M, Wright D, Wagner A. Cortisol Serum Levels Are Associated With Poor Outcome but Not Progesterone Treatment After Traumatic Brain Injury: A Secondary Analysis of ProTECT III and Bio-ProTECT. *J Neurotrauma*. 2025;42(13-14):e1213.
2. **Barton D**, Metwally S, Maczuzak J, McQuillan L, Darwin J, Hirsh M, Gallo N, Russell A, Ieronimakos N, Kontos A, Wu TJ, Lutgendorf M, Carlson J, Pacella-LaBarbara M, Sjobeck G, Wagner A. Allostatic Burden, Systemic Cortisol, and Psychological Health/Post-Traumatic Stress Symptoms in Acute Mild Traumatic Brain Injury: A NEXUS (NeuroImmunoEndocrine Interface: Exploring a Unifying Axis for Studying Precision Care in Psychological Health and TBI) Study. *J Neurotrauma*. 2025;42(13-14):e1214.
3. **Barton D**, Smith A, Gallo G, Hirsh M, Pacella-LaBarbara M, Kontos A, Wagner A. Emergency Department Return Visits After Concussion or Mild Traumatic Brain Injury. *Academic Emergency Medicine*. 2026;33(S1):S103.

4. Collier O, **Engstrom G**, Ouslander J. Care-Limiting Advance Directives Among Hospitalized Centenarians [abstract C106]. *Journal of the American Geriatrics Society*. 2026 Apr;74(S1):S228. doi: 10.1111/jgs.70425.
5. **Ghazi N, Shih R, Wells M, Engstrom G**. Mortality Rates in Geriatric Emergency Department Patients With Traumatic Intracranial Hemorrhage from a Fall: A Comparison by Hemorrhage Types [abstract 284]. *Academic Emergency Medicine*. 2026 May;33(S1):S126. doi: 10.1111/acem.70305.
6. **Guessas M, Engstrom G, Wells M, Shih R**. Grip Strength and Frailty Among Older Adults Presenting to the Emergency Department After a Fall [abstract 503]. *Academic Emergency Medicine*. 2026 May;33(S1):S1218. doi: 10.1111/acem.70305.
7. Nick HJ, **Engstrom G**, Ouslander J. Association Between Number of Guideline-Directed Medical Therapy Prescription Classes and 30-Day Returns to Hospital Among Admissions Aged 75+ with Heart Failure and Chronic Kidney Disease [abstract B189]. *Journal of the American Geriatrics Society*. 2026 Apr;74(S1):S174. doi: 10.1111/jgs.70425.
8. **Orr J, Engstrom G, Wells M, Shih R**. Do Rates of Intracranial Hemorrhage Increase With Age Among Geriatric Patients With Fall-Related Head Trauma? [abstract 501]. *Academic Emergency Medicine*. 2026 May;33(S1):S217. doi: 10.1111/acem.70305.
9. **Parmar J, Alter SM, Bengio M, Carvalho JJ**, Antevy P, Staab P, Barry J, Ingram CJ. Concurrent Venous pCO₂ versus End-Tidal CO₂ Measurements in Non-Intubated Prehospital Patients [abstract 179]. *Prehospital Emergency Care*. 2026 Jan;30(1):S88-S89. doi: 10.1080/10903127.2025.2582675.
10. Pizon AF, Lynch MJ, Abesamis MG, Shulman JA, Scanlon MP, Trautman WJ, **Barton DJ**. Medical Toxicology Service Increases Volume Through Addiction Medicine Consults. *Journal of Medical Toxicology*. 2026;22(2):164.
11. Powell SM, **Shih RD, Clayton LM, Solano JJ, Buckley TP**, Hughes PG, **Alter SM**. Impact of Prehospital Trauma Activation on Time to CT and Hospital Length of Stay amongst Geriatric Patients with Head Injuries [abstract 119]. *Prehospital Emergency Care*. 2026 Jan;30(1):S59. doi: 10.1080/10903127.2025.2582675.
12. Ricker A, Andrade F, **Engstrom G**, Rackman S. Impact of a Peer-led Geriatrics 5M's Educational Workshop on Internal Medicine Residents [abstract C116]. *Journal of the American Geriatrics Society*. 2026 Apr;74(S1):S232. doi: 10.1111/jgs.70425.
13. Zynda AJ, Kontos AP, Todd MG, Gallo N, Hirsh M, Darwin J, Maczuzak J, Pacella M, **Barton D**, Wagner AK. Living Status Influences Clinical Outcomes Following Acute mTBI: Findings from the NEXUS (NeuroImmunoEndocrine Interface: Exploring a Unifying Axis for Studying Precision Care in Psychological Health and TBI) Study. *J Neurotrauma*. 2025;42(13-14):e1192.

Grants

1. **Barton DJ**. Blood-brain barrier dysfunction in mild traumatic brain injury. Emergency Medicine Foundation, Early Career Research Development Grant. 2024 to 2026. \$150,000.
2. **Barton DJ**. Microglial Breakthroughs in Longevity, Aging, & Senescence after TBI (MicroBLAST). Department of Defense HT94252411120. 2024 to 2028. \$507,418.

3. **Barton DJ.** NeuroImmunoEndocrine Interface: Exploring a Unifying Axis for Precision Care in Psychological Health & Traumatic Brain Injury (NEXUS). Department of Defense W81XWH2220056. 2022 to 2026. \$595,332.
4. **Shih RD, Clayton LM, Alter SM, Solano JJ, Wells M,** Ouslander JG, Newman D, Fields G. The Geriatric Emergency Department Pharmacologic Harm Prevention Project: The GREAT PHARM Project. Florida Medical Malpractice Joint Underwriting Association Grant for Safety of Health Care Services #2025-01. July 1, 2025 to June 30, 2027. \$1,000,000.

Oral Presentations

1. **Barton DJ.** Emergency Department Return Visits After Concussion or Mild Traumatic Brain Injury. Oral presentation at: 2026 SAEM Annual Meeting. May 18-21, 2026; Atlanta, GA.
2. **Ghazi N, Shih R, Wells M, Engstrom G.** Mortality Rates in Geriatric Emergency Department Patients With Traumatic Intracranial Hemorrhage from a Fall: A Comparison by Hemorrhage Types. Oral presentation at: 2026 SAEM Annual Meeting. May 18-21, 2026; Atlanta, GA.
3. **Guessas M, Engstrom G, Wells M, Shih R.** Grip Strength and Frailty Among Older Adults Presenting to the Emergency Department After a Fall. Oral presentation at: 2026 SAEM Annual Meeting. May 18-21, 2026; Atlanta, GA.
4. **Orr J, Engstrom G, Wells M, Shih R.** Do Rates of Intracranial Hemorrhage Increase With Age Among Geriatric Patients With Fall-Related Head Trauma?. Oral presentation at: 2026 SAEM Annual Meeting. May 18-21, 2026; Atlanta, GA.

Poster Presentations

1. **Barton DJ,** Chaudhary P, Wisniewski SR, Sperry JL, Guyette FX. The Patient-Provider Delta: Differences in Patient-Reported Pain Level and Healthcare Provider Pain Perception in Emergency Department Patients with Acute Trauma. Poster presentation at: Military Health System Research Symposium. August 4-7, 2025; Kissimmee, FL.
2. **Bengio M,** Ingram CJ, **Parmar J,** Antevy P, Bachista K, Hughes BR, Fullenwider AJ, **Alter SM.** Prehospital Efficacy of Bilevel Positive Airway Pressure Compared to Continuous Positive Airway Pressure: A Retrospective Before and After Study. Poster presented at: 2026 First There First Care & Gathering of the Eagles: June 1-5, 2026; Fort Lauderdale, FL.
3. Collier O, **Engstrom G,** Ouslander J. Care-Limiting Advance Directives Among Hospitalized Centenarians. Poster presented at: American Geriatrics Society 2026 Annual Scientific Meeting; May 1, 2026; virtual.
4. Nick HJ, **Engstrom G,** Ouslander J. Association Between Number of Guideline-Directed Medical Therapy Prescription Classes and 30-Day Returns to Hospital Among Admissions Aged 75+ with Heart Failure and Chronic Kidney Disease. Poster presented at: American Geriatrics Society 2026 Annual Scientific Meeting; April 30, 2026; virtual.
5. **Orr J,** Srinivasan V. Status Epilepticus in an 18-Year-Old Female with Sickle Cell Disease. Poster presented at: 2025 CHEST Annual Meeting. October 19-22, 2025; Chicago, IL.
6. **Parmar J, Alter SM, Bengio M, Carvalho JJ,** Antevy P, Staab P, Barry J, Ingram CJ. Concurrent Venous pCO₂ versus End-Tidal CO₂ Measurements in Non-Intubated Prehospital Patients. Poster presented at: 2026 NAEMSP Annual Meeting. January 29-31, 2026; Tampa, FL.

7. **Parmar J, Alter SM, Bengio M, Carvalho JJ**, Antevy P, Staab P, Barry J, Ingram CJ. Concurrent Venous pCO₂ versus End-Tidal CO₂ Measurements in Non-Intubated Prehospital Patients. Poster presented at: 2026 First There First Care & Gathering of the Eagles: June 1-5, 2026; Fort Lauderdale, FL.
8. Powell S, **Alter SM**. Impact of Prehospital Trauma Activation on Time to CT and Hospital Length of Stay amongst Geriatric Patients with Head Injuries. Poster presented at: 2026 NAEMSP Annual Meeting. January 29-31, 2026; Tampa, FL.
9. Ricker A, Andrade F, **Engstrom G**, Rackman S. Impact of a Peer-led Geriatrics 5M's Educational Workshop on Internal Medicine Residents. Poster presented at: American Geriatrics Society 2026 Annual Scientific Meeting; May 1, 2026; virtual.
10. Roycraft C, **Shih R, Engstrom G, Wells M, Alter S, Clayton L, Solano J, Ledbetter R, Hughes P**. Dementia Increases Rates of Intracranial Hemorrhage in Geriatric Emergency Department Head Trauma Patients. Poster presented at: 2025 American College of Emergency Physicians Research Forum; September 7-9, 2025; Salt Lake City, UT.
11. Wagner AK, Metwally S, Maczuzak JM, McQuillan LE, Darwin J, Hirsh M, Gallo N, Rusell AL, Ieronimakis N, Kontos A, Wu TJ, Lutgendorf M, Carlson J, Pacella M, Sjobeck GR, **Barton DJ**. Systemic Cortisol and Allostatic Burden Associations with PTSD Symptoms in an mTBI Cohort. Poster presentation at: Military Health System Research Symposium. August 4-7, 2025; Kissimmee, FL.
12. Zynda AJ, Kontos AP, Todd MG, Gallo N, Hirsh M, Darwin J, Maczuzak J, Pacella M, **Barton D**, Wagner AK. Role of Living Status in Clinical Outcomes following Acute mTBI: A NEXUS (NeuroImmunoEndocrine Interface: Exploring a Unifying Axis for Studying Precision Care in Psychological Health and TBI) Study. Poster presentation at the Bethel Musculoskeletal Research Center (BMRC) Symposium at the University of Pittsburgh; August 2025; Jeannette, PA.