

LAUREN E. COLEMAN, MD

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ACADEMIC TRAINING

2016-Current	General Surgery Internship and Residency <i>University of California Davis, Sacramento, CA</i>
2012-2016	Doctor of Medicine <i>University of New Mexico School of Medicine, Albuquerque, NM</i>
2008-2012	Bachelor of Science Degree in Biology, Summa Cum Laude <i>University of New Mexico, Albuquerque, NM</i>
2008-2012	Bachelor of Arts Degree in Spanish, Minor in Psychology <i>University of New Mexico, Albuquerque, NM</i>

MEDICAL LICENSURE AND CERTIFICATION

2019	Advanced Trauma Life Support (ATLS) certification
2019	Advanced Surgical Skills for Exposure in Trauma (ASSET) certification
2019	Basic Endovascular Skills for Trauma (BEST) certification
2019	Fundamentals of Laparoscopic Surgery (FLS) certification
2017-Current	California Medical License

HONORS AND AWARDS

2020	UC Davis Medical Center GME High Value Care Competition, with associated \$7000 monetary award
2020	ACS Leadership and Advocacy Summit 2020 Resident Scholarship
2019	ACS Resident Member Scholarship, "Designing and Running a Prospective Surgical Clinical Trial Didactic Course"
2019	UC Davis Medical Center GME High Value Care Competition, with associated \$7000 monetary award
2018	AAST Research and Education Foundation Scholarship
2016	Senior AOA Honor Medical Society Member
2015	Junior AOA Honor Medical Society Nominee
2011	Rhodes Scholar Nominee
2010-2011	Capital One Academic All-District Basketball Team Member
2008-2012	Mountain West Conference Scholar Athlete

RESEARCH, PUBLICATIONS, AND PRESENTATIONS

PEER-REVIEWED PUBLICATIONS

1. Taghavi, Sharven; Maher, Zoe; Goldberg, Amy J.; Chang, Grace; Mendiola, Michelle; Anderson, Christofer; Ninokawa, Scott; Tatebe, Leah C.; Maluso, Patrick; Raza, Shariq; Keating, Jane J.; Burruss, Sigrid; Reeves, Matthew; **Coleman, Lauren E.**; Shatz, David V.; Goldenberg-Sandau, Anna ; Bhupathi, Apoorva; Spalding, M. Chance; LaRiccia, Aimee; Bird, Emily; Noorbakhsh, Matthew R.; Babowice, James; Nelson, Marsha C.; Jacobson, Lewis E.; Williams, Jamie; Vella, Michael; Dellonte, Kate; Hayward, Thomas Z. III; Holler, Emma; Lieser, Mark J.; Berne, John D.; Mederos, Dalier R.; Askari, Reza;

Okafor, Barbara U.; Haut, Elliott R.; Etchill, Eric W.; Fang, Raymond; Roche, Samantha L.; Whittenburg, Laura MS; Bernard, Andrew C.; Haan, James M.; Lightwine, Kelly L.; Norwood, Scott H.; Murry, Jaso; Gamber, Mark A.; Carrick, Matthew M.; Bugaev, Nikolay; Tatar, Antony; Duchesne, Juan; Tatum, Danielle. "An Eastern Association for the Surgery of Trauma multicenter trial examining prehospital procedures in penetrating trauma patients." *Journal of Trauma and Acute Care Surgery*. 2021 July;91(1):130-140. doi:10.1097/TA.0000000000003151

2. Champion EM, Cralley A, Buchheit RC, Brown AT, Spalding C, LaRiccia A, Moore S, Tann K, Leskovan J, Camazine M, Barnes SL, Otaibi B, Hazelton JP, Jacobson LE, Williams J, Castillo R, Stewart NJ, Elterman JB, Zier L, Goodman M, Elson N, Miner J, Hardman C, Kapoen C, Mendoza AE, Schellenberg M, Benjamin E, Wakam GK, Alam HB, Kornblith LZ, Callcut RA, **Coleman LE**, Shatz DV, Burruss S, Linn AC, Perea L, Morgan M, Schroepfel TJ, Stillman Z, Carrick MM, Gomez MF, Berne JD, McIntyre RC, Urban S, Nahmias J, Cohen M, Moore EE, McVaney K, Cothren-Burlew C. "Prehospital End-Tidal Carbon Dioxide Predicts Mortality and Massive Transfusion: An EAST Multicenter Trial." *Journal of Trauma*. 2021. Publish Ahead of Print. doi: 10.1097/TA.0000000000003447
3. Theodorou C, **Coleman LE**, Mateev SN, Signoff JK, Salcedo ES. "Successful Extracorporeal Life Support in a Pediatric Trauma Patient Following Angioembolization of Pelvic Hemorrhage." *Journal of Pediatric Surgery Case Reports*. 2021;67. doi:10.1016/j.epsc.2021.101812
4. **Coleman L**, Gilna G, Portenier D, Auyang E, Khan U, Grabo D, Wilson A, Szoka N. "Trauma laparoscopy from 1925 to 2017: Publication history and study demographics of an evolving modality." *J Trauma Acute Care Surg*. 2018 Apr;84(4):664-669. doi:10.1097/TA.0000000000001780
5. Rollstin A, Mason M, Green AK, **Coleman L**, Bui P, et al. "Continuous Vasopressin Infusion for the Management of Central Diabetes Insipidus." *Scientific Journal of Neurology & Neurosurgery*. 2017;3(2):031-034.

PRESENTATIONS

1. **Coleman L**, Mahdavi S, Craddock K, Bomactao M, Rust D, Cocanour C. "Factors Affecting Reintubation in the Critically Ill Trauma Patient." Research Snapshot Presentation at Society of Critical Care Medicine 2020 Virtual Critical Care Congress. January 31-February 12, 2021.
2. **Coleman LE**, Theodorou CM, Anaya D, Mahdavi S, Zakaluzny S, Cocanour CS. "Increased Intra-abdominal Abscess Occurs with Interrupted Fascial Closure Following Open Abdomen." Virtual QuickShot Presentation at 16th Annual Academic Surgical Congress. February 2-4, 2021.
3. **Coleman L**, Mahdavi S, Craddock K, Bomactao M, Rust D, Cocanour CS. "Trauma Patients Requiring Unplanned Reintubation: Rethinking Post-Extubation Protocols." Virtual Poster Presentation at 10th Annual UC Davis Health Quality Forum. June 24, 2020.

4. **Coleman L**, Fredericks C, Doyle K, Lee J, Martin R, Cocanour CS. "Aggressive Management of the Devastating Brain Injured Patient." Virtual Poster Presentation at 10th Annual UC Davis Health Quality Forum. June 24, 2020.
5. **Coleman L**, Szoka N, Gilna G, Portenier D, Auyang E. "Laparoscopy in Trauma: Analysis of Publication History and Study Demographics from 1925 to 2015." Poster presentation at Society of American Gastrointestinal and Endoscopic Surgeons (SAGES). Boston, Massachusetts, March 16-18, 2016.

ONGOING RESEARCH STUDIES

1. **Coleman LE**, Hoshal G, Duby J, Eskandari E, Falksen J, Lee J, Anaya D, Cocanour CS. "MAGNesia: A Randomized Controlled Trial of Magnesium Infusion for Analgesia in Critically Ill Trauma Patients." UC Davis.
-50% study accrual obtained, interim analysis pending
2. Taghavi S, Maher Z, Goldberg AJ, Chang G, Mendioloa M, Anderson C, Ninokawa S, Tatebe LC, Maluso P, Raza S, Keating JJ, Burruss S, Reeves M, **Coleman LE**, et al. "An EAST Multicenter Trial of Prehospital Tourniquet Use in Penetrating Proximal Extremity Trauma: A Propensity Matched Analysis."
3. Hoshal G, **Coleman LE**, Cocanour CS. "Implementation of Protocol for Use of High Flow Nasal Cannula after Extubation in High-Risk Trauma Patients." UC Davis.
4. **Coleman LE**, Zakaluzny S. "Wound Outcomes Utilizing Suprafascial Penrose Drains." UC Davis.

TEXTBOOK CHAPTER AND EDUCATIONAL MODULES

1. **Lauren E. Coleman**, Jin A. Lee, and Christine S. Cocanour. Management of Acute Pain in the Intensive Care Unit. Textbook of Critical Care, 8/e. 2021. Publication in progress.
2. Rosh Review General Surgery Content Author, 2019-Current.
3. **Coleman L**, Meyers A, and G Jurkovich. "Gastrointestinal Tract Injury- Repair." Surgical Core Curriculum module. www.surgicalcore.org. 2018.

LEADERSHIP

2021-Current	Administrative Chief Resident
2019-2021	UC Davis Trauma Journal Club Coordinator
2018-2021	Association of Women Surgeons Webmaster
2017-2019	"Stop the Bleed" Program Instructor
2017-2019	Resident Liaison for Surgery Interest Group
2016-2018	Steering Committee Representative for Residency Class
2012-2016	Students in Medicine for Resources in Technology (SMRT) Officer
2014-2015	Step 1 Mentorship Program Coordinator
2014-2015	Community Vision Project Camp Coordinator
2013-2014	Students Reaching out to the Community through Healthcare Coordinator
2012-2013	One Hope Clinic Coordinator

2011-2012 UNM Women's Division I Basketball Team Co-Captain

PROFESSIONAL EMPLOYMENT

2019-2020 Rapid Response Physician, Shriners Hospital for Children- Northern California

PROFESSIONAL MEMBERSHIPS

2016-Present Alpha Omega Alpha Medical Honor Society
2016-Present Association of Women Surgeons
2015-Present American College of Surgeons
2012-Present American Medical Association