# CURRICULM VITAE

**Name:** Kimberly Anne Davis, M.D., M.B.A., F.A.C.S., F.C.C.M

**Appointment**:

1. Chief of Division of General Surgery, Trauma and Surgical Critical Care

**2011** Professor, Department of Surgery, Clinician Educator Track

**Term**: On a continuing basis, beginning July 1, 2011

**School Assignment**: Yale School of Medicine

**Education**: B.S. Yale University, New Haven, CT, May 1985

M.D. Albany Medical College, Albany, NY, May 1991

M.B.A. Yale School of Management, New Haven, CT

Leadership in Healthcare Program, May 2012.

**Career/Academic Appointments**:

Rhode Island Hospital / Brown University, Providence, Rhode Island

Internship, General Surgery 1991 – 1992

Residency General Surgery 1992 – 1996

University of Tennessee, Memphis, Tennessee

Fellow, Trauma and Surgical Critical Care 1996 - 1997

Instructor in Surgery 1997 - 1998

The Regional Medical Center, Memphis, Tennessee

Staff Surgeon 1997 - 1998

Loyola University Medical Center, Maywood, Illinois

Assistant Professor of Surgery 1998 – 2004

Associate Professor of Surgery 2004 – 2006

Edward Hines Jr. Veterans Administration Hospital, Hines Illinois

Staff Physician 2004 - 2006

Yale School of Medicine, New Haven, Connecticut

Associate Professor of Surgery 2006 – 2011

Vice Chair for Clinical Affairs 2007 – 2021

Professor of Surgery 2011 - present

**Administrative Positions:**

Loyola University Medical Center, Maywood, Illinois

Assistant Professor of Surgery 1998 – 2004

Section Chief, Surgical Critical Care 1998 – 2006

Medical Director, Surgical Intensive Care Unit 1998 – 2006

Service Chief, General Surgery Consult Service 2002 - 2006

Associate Professor of Surgery 2004 – 2006

Program Director, Surgical Critical Care Fellowship 2004 – 2006

Yale School of Medicine, New Haven, Connecticut

Associate Professor of Surgery 2006 – 2011

Section Chief, Trauma, Surgical Critical Care and

Surgical Emergencies 2006 – 2015

Vice Chairman for Clinical Affairs 2007 – 2021

Professor of Surgery 2011 – present

Section Chief, General Surgery, Trauma and

Surgical Critical Care 2015 – 2019

Division Chief, General Surgery, Trauma and

Surgical Critical Care 2019 - present

Yale-New Haven Hospital, New Haven, Connecticut

Trauma Medical Director 2006 – present

Program Director, Acute Care Surgery Fellowship 2008

Surgeon Champion, National Surgical Quality

Improvement Program 2011 – 2015

Surgical Director, Performance and Quality

Management 2011 - 2020

**Board Certification**:

National Board of Medical Examiners, 1992

American Board of Surgery, Cert. # 41939, 1997

Certification in Surgical Critical Care, Cert. # 1585, 1997

Recertification - American Board of Surgery, Cert. # 41939, 2004, expires 2017

Recertification - Surgical Critical Care, Cert. # 1585, 2005, expires 2018

Recertification - American Board of Surgery, Cert. # 41939, 2014, expires 2027

Recertification –Surgical Critical Care, Cert. #1585, 2015, expires 2028

**Professional Honors or Recognition**:

Alpha Omega Alpha, (AOA) 1990

Albany Medical College Department of Surgery,

Alden March Distinguished Surgeon Award 2018

Journal of Trauma and Acute Care Surgery

Reviewer of the year 2020

**Grant History for last 15 years:**

Current Grants: None

Prior Grants:

1. Agency: Department of Defense

Grant Number: W81XWH-11-2-0155

Title of Grant: Combat Casualty Training Consortium

Name of Yale Principal Investigator: Leigh Evans, MD

Percent Effort: 5% (Co-investigator)

Total Amount of Grant: $400,000

Total Amount per Year: $80,000

Direct Costs per Year: N/A

Beginning and End Dates: September 1, 2014 – January 31, 2015

2. Agency: American Association for the Surgery of Trauma Research Scholarship Award,

Grant Number: N/A

Title of Grant: Temporal Gene and Protein Expression Patterns of the Lung Following Injury and Sepsis

Name of Principal Investigator: Kimberly A. Davis, MD

Percent Effort: N/A

Total Amount of Grant: $35,000

Total Amount per Year: $35,000

Direct Costs per Year: N/A

Beginning and End Dates: 2001-2002

3. Agency: American Association for the Surgery of Trauma / Sherwood Davis and Geck Research Scholarship Award,

Grant Number: N/A

Title of Grant: Hemorrhagic Shock and Cecal Ligation/Incision as a Model of Penetrating Abdominal Trauma in Swine

Name of Principal Investigator: Kimberly A. Davis, MD

Percent Effort: N/A

Total Amount of Grant: $35,000

Total Amount per Year: $35,000

Direct Costs per Year: N/A

Beginning and End Dates: 1997 – 1998

**Clinical Research Projects:**

1999 – 2000 Co-investigator: American Association for the Surgery of Trauma Multicenter Trial on penetrating colon injuries.

1999 – 2003 Co-investigator: Multicenter Trial on the use of prophylactic antibiotics in the management of tube thoracostomies.

2000 - 2002 Co-investigator: American Association for the Surgery of Trauma Multicenter Trial on the management of superior mesenteric artery injuries.

2001 - 2002 Loyola Principle Investigator : Protocol PR00-15-010. “A prospective, multicenter study of the anemia of critical illness and transfusion in critically ill patients.” Ortho Biotech, Inc., Raritan, NJ.

2001 – 2002 Loyola Co-investigator: “Moxifloxacin complicated intra-abdominal infections study, #100272”. Bayer Corporation, West Haven, CT.

2002 – 2004 Co-investigator: “Western Trauma Association multicenter spleen study: the management of splenic pseudoaneurysms.”

2002 – 2006 Co-investigator: “Comparison of sutured vs stapled anastomosis in the trauma patient: a prospective multi-center trial.” Sponsored by the Western Trauma Association.

2003 - 2004 Loyola Principle Investigator: Protocol Vala-0513-145. “Clinical protocol for multiple dose randomized, double-blind, placebo-controlled study of the analgesic efficacy and safety of valdecoxib compared to placebo in patients for the treatment of post-surgical pain from laparoscopic cholecystectomy surgery.” Pharmacia/Pfizer Corporation.

2004 – 2006 Loyola Principle Investigator: “Improving End-of-Life Care: National Residency Education Project”. Co-sponsored by The Robert Wood Johnson Foundation and the Medical College of Wisconsin.

2004 – 2006 Loyola Principle Investigator: Protocol DORI-08. “A Multicenter, Double-Blind, Randomized, Phase 3 Study to Compare the Safety and Efficacy of Intravenous Doripenem with that of Meropenem in Complicated Intra-abdominal Infections” Peninsula Pharmaceuticals, Inc.

2004 – 2006 Loyola Sub-Investigator: “Phase III, Randomized, Controlled, Open-Label, Multicenter, Parallel Group Study Using Provisions for Exception from Informed Consent Requirements Designed to Evaluate the Safety and Efficacy of Poly SFH-P Injection [Polymerized Human Hemoglobin (Pyridoxylated), PolyHeme®] When Used to Treat Patients in Hemorrhagic Shock Following Traumatic Injuries Beginning in the Prehospital Setting.” Northfield Labs.

2010 Yale School of Medicine Principle Investigator: Protocol ABT2009-50. “KCI: Open abdomen program, examining clinical outcomes associated with the management of the open abdomen (OA).” KCI, San Antonio, Texas. (HIC #1003006416)

2010 - 2012 Yale School of Medicine Principle Investigator: “Repair of large abdominal hernia defects by a novel biologic mesh: A prospective multi-center observational study.” TEI Biosciences, Boston, Massachusetts. (HIC #1005006844)

2016 – 2019 Yale School of Medicine Co-investigator”: Phase III Randomized, double-blind, placebo-controlled, parallel-group, study of AB103 as compared to placebo in patients with necrotizing soft tissue infection (NSTI). AtoxBio, Tel Aviv, Israel (HIC #1507016217)

2017 - 2018 Yale School of Medicine Co-investigator: “Phase III, randomized, double-blind, multicenter study to assess the efficacy and safety of OCTAPLEX, a four-factor prothrombin complex concentrate (4F-PCC) compared to the 4F-PCC Kcentra, for reversal of vitamin K antagonist induced anticoagulation in patients needing urgent surgery with significant bleeding risk”. Octapharma AG, Lachen, Switzerland (HIC 2000021244).

2018 – 2019 Yale School of Medicine Co-investigator”: Phase II Randomized, double blind, placebo controlled, parallel-group study to evaluate the safety and efficacy of Reltecimod as compared to placebo in addition the standard of care in patients with sepsis-associated acute kidney injury (SA\_AKI). AtoxBio, Tel Aviv, Israel (HIC #2000022742)

**Invited Speaking Engagements:**

**2024**

26 Annual Connecticut Trauma Conference Lenworth Jacobs Keynote Address: “Shifting tides: Lessons learned in the management of trauma patients over time.” Uncasville, CT.

Milpark Academic Trauma Center Virtual Monthly Meeting. *Invited international moderator.* Johannesburg, South Africa.

American College of Surgeons Quality and Safety Conference. “The verification process: Reviewer perspective.” In *EGS Verification: Current State and Future Directions.* Denver CO.

International Surgical Week/ International Association for Trauma and Intensive Care. “First Do No Harm … The Role of Palliation in Trauma and EGS”. In *The Forgotten Pillars of Trauma Care.* Kuala Lumpur, Malaysia.

**2023**

Maryland American College of Surgeons Point Counterpoint conference. “EGS Verification: I Is it necessary or not? Baltimore, MD

Milpark Academic Trauma Center Virtual Monthly Meeting. *Invited international moderator.* Johannesburg, South Africa.

American College of Surgeons Quality and Safety Conference. “Why now: How the EGS Verification Program meets the needs of a diverse patient population.” Minneapolis Minnesota.

American College of Surgeons Quality and Safety Conference. “People Power: The importance of the EGS Program team.” Minneapolis Minnesota.

American Association for the Surgery of Trauma Grand Rounds. “When is it enough? Navigating scaling back and retirement.” In *The career surgeon: Managing transitions in the profession of Acute Care Surgery.* Invited panelist.

1st Trauma and Acute Care SSMC Symposium – TACS. “Acute cholecystitis: When surgery is not an option.” Virtual presentation, Abu Dhabi, United Arab Emirates.

American College of Surgeons Trauma Quality Improvement Program Annual Conference. “Driving revenue in Trauma: Practical Tips.” In *No Margin, no mission.* Invited panelist. Louisville, Kentucky.

**2022**

American Association for the Surgery of Trauma “Meet the Mentors” Virtual Grand Rounds. “Advice vs. advocacy: Mentorship and sponsorship across a career.”

103rd Annual Meeting of the New England Surgical Society. “How to manage a hot gallbladder.” Invited panelist. Boston, Massachusetts.

81st Annual American Association for the Surgery of Trauma meeting. “Pearls and pitfalls of incorporating EGS into a trauma practice.” In *EGS Verification: The why, the what and the how.* Invited Panelist. Chicago, Illinois.

70th Annual Detroit Trauma Symposium. “Disruptive technologies: what works, what may not?” Detroit, Michigan.

70th Annual Detroit Trauma Symposium. “Hyperosmolar therapy for TBI: What, where and how much?” Detroit, Michigan.

3rd Annual 3D Virtual All Levels Trauma Care (ALTC) International Conference. *Women International Trauma Surgeons Track.* Planning committee and invited session moderator. Riyadh, Saudi Arabia.

**2021**

American Association for the Surgery of Trauma Virtual Grand Rounds. “Practical applications of costing methodologies” in *Healthcare cost assessments for the ACS leader – It is a matter of perspective.*

Panel session (OD 148) – Panelist. American College of Surgeons Quality and Safety Conference. “Patient consent and EGS risk calculators” in *Best practices for the surgeon in Emergency General Surgery*. Virtual presentation: in person presentation cancelled due to COVID-19.

United States Uniformed Health Services Virtual Grand Rounds. “Surgery in transformation: Evolving strategies for common diseases.” Bethesda, Maryland.

80th Annual American Association for the Surgery of Trauma meeting. “Promotions and Tenure” in the *Associate Membership Pre-session.* Atlanta, Georgia

University of Vermont Surgical Grand Rounds. “Acute Care Surgery: Past, present and future.” Burlington, Vermont.

Pre-session course (DC 217) – Panelist. “Resuscitation: The Open Abdomen” in *Annual Trauma Update.* American College of Surgeons Clinical Congress 2021. Virtual presentation: in person presentation cancelled due to COVID-19.

Panel session (PS 345) – Moderator. “Controversies in the Management of the Acute Abdomen.” American College of Surgeons Clinical Congress 2020. Virtual presentation: in person presentation cancelled due to COVID-19.

2nd Annual 3D Virtual All Levels Trauma Care (ALTC) International Conference. *Women International Trauma Surgeons Track.* Planning committee and invited session moderator. Riyadh, Saudi Arabia.

**2020**

33rd Annual Eastern Association for the Surgery of Trauma. “Divisional distress: How to manage when you are the junior partner, the mid-career partner of the leader in such a situation.” *EAST Leadership Development Workshop: Taking the Lead: Strategies for Leading within your Group.* Orlando, Florida.

33rd Annual Eastern Association for the Surgery of Trauma. “Pro-con debate: Mesh use in contaminated hernia cases”. *Multi-society Advanced Skills Training in Emergency Surgery.* Orlando, Florida.

33rd Annual Eastern Association for the Surgery of Trauma. “Engage the Masters” – Panelist.

Orlando, Florida

Albany Medical College Surgical Grand Rounds. “First do no harm: The role of palliative care in Acute Care Surgery.” Albany, New York.

University of Florida Health Jacksonville Surgical Grand Rounds. “First do no harm: The role of palliative care in Acute Care Surgery.” Virtual presentation as part of the Florida Committee on Trauma Visiting Professorship (in person presentation cancelled due to COVID-19).

University of Florida Shands Gainesville Surgical Grand Rounds. “Disruptive Technologies: What works, what may not?” Virtual presentation as part of the Florida Committee on Trauma Visiting Professorship (in person presentation cancelled due to COVID-19).

Florida Committee on Trauma Annual Meeting Visiting Professorship. “Shifting tides: Paradigm changes and lessons learned in the management of trauma.” Virtual presentation as part of the Florida Committee on Trauma Visiting Professorship (in person presentation cancelled due to COVID-19).

American College of Surgeons Quality and Safety Conference. “Addressing the quality of surgical care”. Virtual presentation: in person presentation cancelled due to COVID-19.

Society of American Gastrointestinal and Endoscopic Surgeons 2020 Annual Meeting. “When to punt: Damage control strategies in the management of diverticulitis.” *EAST/AAST/SSAT/ASCRS/SAGES Acute Care Surgery Joint Symposium.* Virtual presentation: in person presentation cancelled due to COVID-19.

79th Annual American Association for the Surgery of Trauma meeting. “The impact of regionalization Acute Care Surgeons: Do the benefits outweigh the unintended consequences?” Virtual presentation: in person presentation cancelled due to COVID-19.

Panel session (PS332) – Panelist. “*Late complications of surgery*” in Emergencies following bariatric surgery: When and how to operate*.* American College of Surgeons Clinical Congress 2020. Virtual presentation: in person presentation cancelled due to COVID-19.

Panel session (PS361) – Panelist. “*Hyperosmolar therapy: What, when, how much?*” in Uncontrolled intracranial hypertension: An evidence-based approach toward the management of traumatic brain injury (TBI) patients.American College of Surgeons Clinical Congress 2020. Virtual presentation: in person presentation cancelled due to COVID-19.

Panel session (PS565) – Co-moderator. “The hiring and development of a new surgical partner.” American College of Surgeons Clinical Congress 2020. Virtual presentation: in person presentation cancelled due to COVID-19.

American Association for the Surgery of Trauma Meet the Masters: Virtual Education Conference. “Shifting tides: Paradigm changes and lessons learned in the management of trauma.” Virtual grand rounds.

33rd Annual C. Morrison Schroeder Lecture, Medical College of Wisconsin. “Advice vs. advocacy: Mentorship and sponsorship across a career.” Virtual presentation: in person presentation cancelled due to COVID-19.

3D Virtual All Levels Trauma Care (ALTC) International Conference. *Critical Care Track* “Rehabilitation after trauma: Where do we stand?” Virtual presentation: in person presentation cancelled due to COVID-19. Riyadh, Saudi Arabia.

3D Virtual All Levels Trauma Care (ALTC) International Conference. *Women International Trauma Surgeons Track* “Navigating bias and conflict using improved communication.” Virtual presentation: in person presentation cancelled due to COVID-19. Riyadh, Saudi Arabia.

American Association for the Surgery of Trauma Professional Development Townhall Series. “Do’s and Don’ts: Pearls for Interviewing and Finalizing an Agreement. In association with the AAST Virtual Job Fair, virtual presentation.

**2019**

Bridgeport Hospital Surgical Grand Rounds. “First do no harm: The role of palliative care in Acute Care Surgery.” Bridgeport, Connecticut.

Society of American Gastrointestinal and Endoscopic Surgeons. “Emergency General Surgery in 80- and 90-year old patients.” *AAST Joint Panel on Acute Care Surgery*. Baltimore, Maryland.

Westchester Medical Center Surgical Grand Rounds. “First do no harm: The role of palliative care in Acute Care Surgery.” Valhalla, New York.

American Association for the Surgery of Trauma. “Structuring a fiscally viable ACS service.” Dallas, Texas.

Connecticut Chapter of the American College of Surgeons. “First do no harm: The role of palliative care in Emergency General Surgery.” Trumbull, Connecticut.

Panel Session (PS106) – Panelist. “Women pioneers in surgery.” American College of Surgeons Clinical Congress 2019. San Francisco, California.

Panel Session (PS 304) – Co-Moderator. “Mass casualty events: Lessons learned from military-civilian collaboration.” American College of Surgeons Clinical Congress 2019. San Francisco, California.

Harvard Trauma and Critical Care Symposium. “ICU bundles: What works, what doesn’t?” Boston, Massachusetts.

**2018**

Yale School of Management Executive MBA Program *Operations Management Course*. “Capacity and staffing models: Challenges for Emergency Surgical Care.” New Haven, Connecticut.

Society of American Gastrointestinal and Endoscopic Surgeons. “Convergence of minimally invasive surgery and emergency general surgery.” AAST Joint Panel on Acute Care Surgery. Seattle, Washington.

American College of Surgeons Quality and Safety Conference 2018. “EGS: The burden of disease.” Breakout session 04: What is quality in Acute Care Surgery?”. Orlando, Florida.

American Association for the Surgery of Trauma. “Physician Resilience, Burnout and the Work Life Balance: A potential threat to successful healthcare reform.” San Diego, California.

American Association for the Surgery of Trauma Grand Rounds. “The AAST Expert Consult: Challenging Trauma Case Session 1”. Webcast.

**2017**

Trauma, Critical Care, Acute Care Surgery 2017. “C. Difficile toxic megacolon”. Las Vegas, Nevada.

Trauma, Critical Care, Acute Care Surgery 2017. “Surviving Sepsis guidelines: Saving lives of perpetuating a fallacy?” Las Vegas, Nevada.

Society of American Gastrointestinal and Endoscopic Surgeons. “The role of the Acute Care Surgeon and his/her educational needs.” AAST Joint Panel on Acute Care Surgery. Houston, Texas.

American Association for the Surgery of Trauma Grand Rounds. “The role of minimally invasive techniques in Acute Care Surgery.” Virtual Grand Rounds.

76th Annual Meeting of the American Association for the Surgery of Trauma. “It’s got a drain in it: Now what – Cholecystostomy?” Acute Care Surgery Maintenance of Certification Pre-session. Baltimore, Maryland.

Panel Session (PS225) – Panelist. “Ischemic colitis: A practical management approach.” American College of Surgeons Clinical Congress 2017. San Diego, California.

Panel Session (PS 406) – Co-Moderator. “Novel Strategies to Address Surgeon Workforce Shortages.” American College of Surgeons Clinical Congress 2017. San Diego, California.

Panel Session (PS 307) – Panelist. “Challenging trauma cases: Here and abroad. American College of Surgeons Clinical Congress 2017. San Diego, California.

Town Hall (TH 20) – Panelist. “Communication across the generations: How to hire the best and the brightest.” American College of Surgeons Clinical Congress 2017. San Diego, California.

**2016**

29th Annual Eastern Association for the Surgery of Trauma. “Understanding your strengths, weaknesses, skills and abilities.” *EAST Leadership Development Workshop: Strategic Professional Development.* San Antonio, Texas.

2016 ACS NSQIP Conference. “Ask the experts luncheon: Pneumonia.” San Diego, CA.

Panel Session (PS 107) - Panelist. “Laparoscopy in Emergency General Surgery – Ineffective.” American College of Surgeons Clinical Congress 2016. Washington, DC.

Panel Session (PS312) - Panelist. “Trauma: Challenge the Experts Case Discussion.” American College of Surgeons Clinical Congress 2016. Washington, DC.

Town Hall – Panelist. “On-boarding for surgeons: Preparation for practice life.” American College of Surgeons Clinical Congress 2016. Washington, DC.

**2015**

Presidential Address, 28th Annual Eastern Association for the Surgery of Trauma. “Look both ways.” Orlando, Florida

28th Annual Eastern Association for the Surgery of Trauma. “EAST: Where have we been and where are we going.” *EAST Leadership Development Workshop Part III: A formula for success as a leader in trauma.* Orlando, Florida

Trauma, Critical Care, Acute Care Surgery 2015. “Placement of intracranial monitors for trauma: How/When/Why?” Las Vegas, Nevada

Trauma, Critical Care, Acute Care Surgery 2015. “ARDSNET guidelines have NOT resulted in improved outcomes in critically injured patients.” Las Vegas, Nevada

2015 ACS NSQIP Conference. “Ask the experts luncheon (AE 23): Pneumonia.” Chicago, IL.

25th Annual Trauma Symposium. “A history of military medical evacuation.” Stanford, CA.

25th Annual Trauma Symposium. “When the ICU becomes the operating room.” Stanford, CA.

American College of Surgeons Inaugural Surgeons Leading Quality Course. “Organizational Culture.” Chicago, IL.

Yale Medical Group 2nd Annual Yale Quality and Safety Leadership Symposium. “Decreasing surgical site infections: It takes a team.” New Haven, CT.

Harvard Trauma and Critical Care Symposium. “Reversing antiplatelet medications: Any evidence?” Boston, Massachusetts.

**2014**

Surgical Grand Rounds. “Trauma Resuscitation 2014: What’s New?” Hartford Hospital, Hartford, Connecticut.

17th Annual Society of Trauma Nurses. “Challenges inherent in the development of a mature trauma performance improvement program.” New Orleans, Louisiana.

17th Annual Society of Trauma Nurses. “What’s new in trauma resuscitation?” New Orleans, Louisiana.

20th Annual Trends in Trauma Conference. “Trauma Resuscitation 2014: What’s New?” St. Louis, Missouri.

20th Annual Trends in Trauma Conference. “An update on the management of solid organ injuries.” St. Louis, Missouri.

Surgical Grand Rounds. “An update on the management of solid organ injuries.” University of California – Fresno, Fresno, California.

Dr. Anthony Morgan Keynote Address, 10th Annual Trauma Symposium – Weathering the Storm: Trauma in Austere Environments. “A history of military medical evacuation.” Hartford, Connecticut.

Panel Session (PS 112). “An update on Healthcare Reform.” American College of Surgeons Clinical Congress 2014. San Francisco, California.

Harvard Trauma and Critical Care Symposium. “Perioperative antibiotic use after penetrating trauma.” Boston, Massachusetts.

6th Annual Southwest Trauma and Acute Care Symposium. “What’s new in trauma resuscitation?” Phoenix, Arizona.

6th Annual Southwest Trauma and Acute Care Symposium. “Development of a mature trauma performance improvement program.” Phoenix, Arizona.

**2013**

26th Annual Eastern Association for the Surgery of Trauma. “Dealing with difficult faculty.” *EAST Leadership Development Workshop Part I: Leadership Skills and Negotiation Strategies.* Scottsdale, Arizona

26th Annual Eastern Association for the Surgery of Trauma. “Scientific papers that should have changed your practice, Part III - Trauma.” *Plenary session.* Scottsdale, Arizona

Alpha Omega Alpha Theta Chapter Visiting Professorship. “Managing the changing healthcare landscape.” Albany Medical College, Albany, New York.

Albany Medical College Surgical Grand Rounds. “Trauma Resuscitation 2013: What’s New.” Albany, New York.

Alpha Omega Alpha Theta Chapter Initiation Dinner. “Surgical Professionalism” Albany Medical College, Albany, New York.

7th Annual Yale School of Management Education Leadership Conference. “How have other sectors driven change through complex bureaucratic systems?” *Panel discussion*, New Haven, Connecticut.

National Highway Traffic Safety Administration (NHTSA) Reassessment of Emergency Medical Services in the State of Connecticut. “Trauma Systems”. Cromwell, Connecticut

Connecticut Chapter of the American College of Surgeons Scientific and Annual Meeting. “Coding for Residents”. Farmington, Connecticut.

Harvard Trauma and Critical Care Symposium. “Tricks to control bleeding from major vessels.” Boston, Massachusetts.

Surgical Grand Rounds. “Trauma Resuscitation 2013: What’s New.” Waterbury Hospital, Waterbury, Connecticut.

**2012**

14th Annual Connecticut Trauma Conference. “The angiographic management of severe liver trauma”. Ledyard, Connecticut

Yale Plastic Surgery Grand Rounds. “The process of performance improvement.” Yale School of Medicine, New Haven, Connecticut

Yale Department of Orthopaedics Grand Rounds. “NSQIP, TQIP and Performance Improvement.” Yale School of Medicine, New Haven, Connecticut

Surgical Grand Rounds. “Surgical Performance Improvement Initiatives.” Saint Francis Hospital and Medical Center, Hartford, Connecticut.

**2011**

St. Joseph’s Regional Medical Center Trauma Grand Rounds. “Pitfalls in ICU Resuscitation.” Paterson, New Jersey

13th Annual Connecticut Trauma Conference. “What’s New in Pre-hospital Resusciation?” Ledyard, Connecticut

Surgical Grand Rounds, “Integrating NSQIP into performance improvement.” Bridgeport Hospital, Bridgeport, Connecticut.

Anesthesia Grand Rounds, “Damage control resuscitation.” Yale School of Medicine, New Haven, Connecticut

**2010**

40th Annual Meeting of the Western Trauma Association “The PA Catheter: Too Soon Abandoned?” Telluride, Colorado

Trauma, Critical Care, Acute Care Surgery 2010. “Cerebrovascular injury – controversies and complications.” Las Vegas, Nevada

Trauma, Critical Care, Acute Care Surgery 2010. “Splenic injury 2010.” Las Vegas, Nevada.

96th Annual Meeting of the American College of Surgeons. “Acute Care Surgery Quality Improvement: What key issues do we start with first? Which will make the most difference?” PS210. Washington, D.C.

96th Annual Meeting of the American College of Surgeons. “Trauma and Emergency Surgery Cases: Experts on the Hot Seat”. PS308. Washington, D.C.

Annual Meeting of the Rhode Island Chapter of the American College of Surgeons. “Damage Control Surgery.” Providence, Rhode Island

**2009**

R. Adams Cowley Shock Trauma Center and the University of Maryland Combined Surgical Grand Rounds. “Ventilator-associated pneumonia in the surgical critical care unit: a critical evaluation of diagnostic modalities and treatment options.” Baltimore Maryland

68th Annual Meeting of the American Association for the Surgery of Trauma. Poster RoundsProfessor**.** Pittsburgh, Pennsylvania

21st Annual Meeting of the Eastern Association for the Surgery of Trauma, “Pitfalls in the implementation of an acute case surgery program.” Amelia Island, Florida

38th Annual Meeting of the Western Trauma Association “Anticoagulation in the head injured patient: Is it ever worth the risk?” Squaw Valley, California

67th Annual Meeting of the American Association for the Surgery of Trauma. Poster RoundsProfessor**.** Maui, Hawaii.

4th Harvard Trauma and Critical Care Symposium “The ideal prehospital resuscitation fluid”. Boston, Massachusetts.

4th Harvard Trauma and Critical Care Symposium “Blunt pancreato-duodenal trauma”. Boston, Massachusetts.

**2008**

5th Annual Eastern Regional Trauma Symposium: Current Trends in Trauma Care. “Pitfalls in the resuscitation of the ICU patient.” Greenville, North Carolina

5th Annual Eastern Regional Trauma Symposium: Current Trends in Trauma Care. “Trauma in the female patient.” Greenville, North Carolina

18th Annual Diseases of Summer Conference, “Life-saving interventions for the stabilization of critically injured trauma patients.” South County Hospital Medical Staff, Wakefield, Rhode Island

New Haven Regional Chapter meeting of the American Association of Professional Coders, “Documentation, coding and billing for trauma care: Lessons learned.” New Haven, Connecticut

**2007**

The 20th Annual Meeting of the Eastern Association for the Surgery of Trauma.“Looking for a job? Hiring a trauma surgeon symposium.” Course director. Sanibel, Florida

The 20th Annual Meeting of the Eastern Association for the Surgery of Trauma, “Ventilator-associated pneumonia.” Sanibel, Florida

37th Annual Meeting of the Western Trauma Association. “Panel of Experts: Case Presentations.” Steamboat, Colorado

9th Annual Conference Connecticut Trauma Conference, “Injury Prevention: Can we put ourselves out of business?” Ledyard, Connecticut

Connecticut State Chest Conference, “Coagulopathy and hemorrhagic shock: Evolving management strategies.” Yale School of Medicine, New Haven, Connecticut

Yale College Medical Professional Outreach Society, “Thoughts on being a woman trauma surgeon, and on academic careers in surgery.” New Haven, Connecticut

Surgical Grand Rounds, Stamford Hospital, “A critical evaluation of the endpoints of resuscitation following surgery and trauma.” Stamford, Connecticut

**2006**

Stamford / Yale Trauma Symposium: 2006, Panel Discussant:“Public health perspectives on trauma.” Norwalk, Connecticut

Neurosurgical Grand Rounds “Pneumonia in the ICU: A critical appraisal of diagnostic modalities**.”** Yale School of Medicine, New Haven, Connecticut

Surgical Grand Rounds, “When to address SIRS as sepsis.” Bridgeport Hospital, Bridgeport, Connecticut

**2005**

Northwestern University Department of Surgery Trauma and Critical Care Conference “Unusual Thoracic Trauma,” Chicago, Illinois

Trauma 2005: Special Problems, Special Care. “Care of the Coagulopathic Patient”. Chicago, Illinois

**2004**

Trauma 2004: Old Problems, New Solutions “Ventilating the Difficult Patient: Newer Strategies in the Management of ARDS,” Chicago, Illinois

Obstetrics and Gynecology Grand Rounds “The Uncontrolled Cascade: The Identification and Management of Sepsis.” Loyola University Medical Center and the Stritch School of Medicine, Maywood, Illinois

**2003**

The 16th Annual Meeting of the Eastern Association for the Surgery of Trauma “Update on Critical Care Management: Ventilator Associated Pneumonias,” Fort Myers, Florida

The 16th Annual Meeting of the Eastern Association for the Surgery of Trauma “Update on Critical Care Management: Burn Critical Care,” Sheridan Fort Myers, Florida

The 16th Annual Meeting of the Eastern Association for the Surgery of Trauma “Update on Critical Care Management: Novel Therapies in Sepsis,” Fort Myers, Florida

The 2003 Annual Clinical Assembly of Osteopathic Specialists “Infectious Landmines in the Surgical ICU,” Chicago, Illinois

Trauma Continuing Medical Education “Abdominal Compartment Syndrome: What Does It Mean to Me?” Edward Hospital, Naperville, Illinois

**2002**

Trauma Grand Rounds “Abdominal compartment syndrome: diagnosis and treatment,” Advocate Christ Medical Center, Oak Lawn, Illinois

Anesthesia Grand Rounds, “Resuscitation: The Surgeon’s Perspective.” Loyola University Medical Center and the Stritch School of Medicine, Maywood, Illinois

**2001**

Alexian Brothers Medical Center “The management of the hemodynamically unstable trauma patient with intraabdominal and intracranial injuries,” Elk Grove Village, Illinois

Lutheran General Hospital “Infectious Landmines in the Surgical Intensive Care Unit,” Park Ridge, Illinois

**2000**

The 8th Annual Acute Care Nurse Practitioner Conference “Resuscitation: Controversies and Endpoints,” Chicago, Illinois

Northern Illinois Medical Center’s Spring Clinical Symposium, The Wide World of Infectious Disease: Update 2000 “Infectious Landmines in the Surgical Field,” Crystal Lake, Illinois

**1999**

Trauma Multidisciplinary Conference “Pediatric Trauma: Big Trouble in Little Packages,” Edward Hospital, Naperville, Illinois

**1998**

Anesthesia Grand Rounds “The Lethal Triad: Acidosis, Hypothermia and Coagulopathy.” Loyola University Medical Center and the Stritch School of Medicine, Maywood, Illinois

**1997**

1997 General Surgery Update “Current Management of Splenic Trauma.” University of Tennessee- Memphis College of Medicine,Memphis, Tennessee

**Peer-Reviewed Presentations**: **International/National**

**2024**

19th Annual Academic Surgical Congress. “Interventions and outcomes in infected necrotizing pancreatitis: A multicenter study.” Sion M, Schuster KM, Albini P, Barth N, Michetti CP, Nygaard RM, Schroeppel T, Nahmias J, Davis KA. Quick shot presentation. Washington DC.

53rd Annual Meeting of the Western Trauma Association. Panel: Defining the impact of disparities in trauma. Invited moderator. Snowmass, Colorado.

83rd Annual Meeting of the American Association for the Surgery of Trauma. “The Interaction Between Geriatric Vulnerability & Social Support: Variations in Community Engagement Drive Recovery Among Older Adult Trauma Patients.” Zogg CK, Ilkhani S, Sanchez SE, Hwabejire JO, Davis KA, Haider AH, Herrera-Escobar JP, Anderson GA, and Salim A. Podium presentation. Las Vegas, Nevada.

**2023**

82nd Annual Meeting of the American Association for the Surgery of Trauma. “The interaction between geriatric and neighborhood vulnerability: Delineating pre-hospital risk among older adult EGS patients.” Zogg CK, Falvey JR, Kodadek LM, Staudenmayer KL, Davis KA. Anaheim, California.

82nd Annual Meeting of the American Association for the Surgery of Trauma. “Is magnetic resonance angiography (MRA) equivalent to CT angiography (CTA) for detecting blunt cerebrovascular injury (BCVI)?” Sznol HA, Seyedin A, Maung AA, Bhattacharya B, Davis KA, Schuster KM. Poster presentation. Anaheim, California.

American College of Surgeons Clinical Congress 2023. “The Interaction Between Geriatric and Neighborhood Vulnerability: Delineating Pre-Hospital Risk Among Older Trauma Patients.” Zogg CK, Falvey JR, Kodadek LM, Staudenmayer KL, Davis KA. Boston, MA.

**2022**

81st Annual Meeting of the American Association for the Surgery of Trauma. “Reconceptualizing high-quality EGS care: Top-tier hospitals remain consistent across variable outcomes, conditions, severities, and ages. Zogg CK, Staundenmayer KL, Kodadek LM, **Davis KA**. Chicago, Illinois.

81st Annual Meeting of the American Association for the Surgery of Trauma. “A comprehensive analysis of 30-day readmissions after EGS procedures. Are risk factors modifiable? Davis KA – Invited discussant. Chicago, Illinois.

American College of Surgeons Clinical Congress 2022. “Palliative care in a pandemic: A multicenter cohort of critically ill COVID-19 patients.” Kodadek LM, Moore MS, Miller S, Schneider E, Ahuja V, Maerz LM, Davis KA. Poster presentation. San Diego, California.

**2021**

51st Annual Meeting of the Western Trauma Association. “Increased mortality with REBOA: An expanded analysis of the NTDB.” Linderman G, Lin W, Becher RD, Maung AA, Bhattacharya B, Davis KA, Schuster KM. Virtual podium presentation: in person presentation cancelled due to COVID-19.

80th Annual Meeting of the American Association for the Surgery of Trauma. “Effects of age and gender on work-life balance satisfaction among trauma surgeons.” Cardenas TCP, Trust MD, Joseph BA, Davis KA, Jurkovich GJ, Brown CVR. Poster presentation. Atlanta, Georgia.

**2020**

50th Annual Meeting of the Western Trauma Association. “Spirometry, not pain level predicts outcomes in elderly patients with isolated rib fractures.” Schuster KM, O’Connor R, Sanghvi M, Maung AA, Becher RD, **Davis KA**. Sun Valley, Idaho.

140th Annual Meeting of the American Surgical Association (meeting canceled due to COVID-19 pandemic). “Urgent care centers delay emergent surgical care based on patient insurance status in the United States.” Hsiang WR, Najem M, Yousman L, Jin G, Mosier-Mills A, Khunte A, Jain S, Forman HP, Wiznia D, **Davis KA**, Schuster KM. Washington DC.

79th Annual Meeting of the American Association for the Surgery of Trauma. “What happens when they’re gone? The impact on hospital revenue and operative case loads when emergency general surgery operations are regionalized. Becher RD, Sukumar N, Gill T, Schuster KM, Maung AA, Dewane M, **Davis KA**. Virtual podium presentation: in person presentation cancelled due to COVID-19.

79th Annual Meeting of the American Association for the Surgery of Trauma. “Will trauma systems work for EGS? Quantifying geographic proximity between lower and higher performing emergency general surgery hospitals. DeWane M, Sukumar N, Schuster KM, Maung AA, **Davis KA**, Becher RD. Virtual podium presentation: in person presentation cancelled due to COVID-19.

79th Annual Meeting of the American Association for the Surgery of Trauma. “The extent to which geography explains one of trauma’s troubling trends: Insurance-based differences in appropriate inter-facility transfer.” Zogg CK, Jarman M, Schuster KM, Maung AA, Davis KA. Virtual quick-shot presentation: in person presentation cancelled due to COVID-19.

**2019**

32nd Annual Meeting of the Eastern Association for the Surgery of Trauma. “Association between enhanced overnight operating room access and mortality for true life-threatening surgical disease.” **Davis KA – Invited discussant**. Austin, Texas.

32nd Annual Meeting of the Eastern Association for the Surgery of Trauma. “High-performance acute care hospitals: Excelling across multiple emergency general surgery operations in the geriatric patient. DeWane MP, Sukumar N, Stolar MJ, Gill RM, Maung AA, Schuster KM, **Davis KA**, Becher RD. Quick shot presentation. Austin, Texas.

78th Annual Meeting of the American Association for the Surgery of Trauma. “Benchmarking the value of care: Variability in hospital costs for common operations and its association with procedural volume.” Zogg CK, Bernard AC, Minei JP, Staudenmayer KL, **Davis KA**. Dallas, Texas.

78th Annual Meeting of the American Association for the Surgery of Trauma. “Regionalization of emergency general surgery operations: A simulation study.” Becher RD, Sukumar N, DeWane MP, Gill TM, Maung AA, Schuster KM, Stolar MJ, **Davis KA**. Quick shot presentation. Dallas, Texas.

78th Annual Meeting of the American Association for the Surgery of Trauma. “Mapping the increasing interest in acute care surgery – who, why and which fellowship?” Gayed GN, Zaraur BL, Livingston DH, Chiu WC, **Davis KA**, Tisherman SA, Alam, HB, Maxwell RA, Spain DA. Poster presentation. Dallas, Texas.

78th Annual Meeting of the American Association for the Surgery of Trauma. “Acute Care Surgery model leads to shorter length of stay in mild gallstone pancreatitis.” **Davis KA - Invited discussant.**

**2018**

13th Annual Academic Surgical Congress. The Effect of Insurance Type on Access to Inguinal Hernia Repair Under the Affordable Care Act. Hsiang W, McGeoch C, Lee S, Cheung W, Becher R, **Davis KA**, Schuster KM. Jacksonville, Florida.

48th Annual Meeting of the Western Trauma Association. “Opioid dependency is independently associated with inferior clinical outcomes after trauma. Hsiang W, McGeoch C, Lee S, Becher R, **Davis KA**, Schuster KM. Whistler, Canada.

138th Annual Meeting of the American Surgical Association. “Insurance status biases trauma system utilization and appropriate inter-facility transfer: The reverse disparity of the “wallet biopsy”. Zogg CK, Schuster KM, Maung AA, **Davis KA**. Phoenix, Arizona

31st Pan-American Trauma Conference. The “Hispanic Paradox” Exists in Emergent Conditions: Better or Equivalent Surgical Outcomes Among US Hispanic Emergency General Surgery Patients*.* Zogg CK, Herrera-Escobar JP, Uribe-Leitz T, Shafi S, Ordonez CA, **Davis KA**, Haider AH. Cartagena, Colombia.

77th Annual Meeting of the American Association for the Surgery of Trauma. “Mortality outlier hospitals and improving the quality of care in emergency general surgery.” Becher RD, DeWane MP, Sukumar N, Stolar MJ, Gill TM, Maung AA, Schuster KM and **Davis KA**. San Diego, California.

77th Annual Meeting of the American Association for the Surgery of Trauma. “The economic footprint of Acute Care Surgery in the United States: Implications for systems development.” Knowlton LM, Minei J, Bernard A, **Davis KA**, Doucet J, Haider A, Scherer T, and Staudenmayer KL. San Diego, California.

77th Annual Meeting of the American Association for the Surgery of Trauma. “High performance emergency general surgery hospitals: good at one operation, good at them all. DeWane MP, Sukumar N, Stolar MJ, Gill TM, Maung AA, Schuster KM, **Davis KA** and Becher RD. San Diego, California.

77th Annual Meeting of the American Association for the Surgery of Trauma. “Measuring pre-injury functional status, which instrument?” Schuster KM, Schlieder I, Zhang Y, Becher RD, Maung AA, and **Davis, KA**. Poster presentation. San Diego, California.

American College of Surgeons Clinical Congress 2018. The Association Between Medicaid Eligibility and Gains in Access to Rehabilitative Care: A Difference-in-Difference Assessment of ACA-Related Changes to Insurance Coverage, Outcomes, and Discharge to Rehabilitation Among Adult Trauma Patients. Zogg CK, Scott JW, Metcalfe D, **Davis KA**, Dimick JB, Haider AH. Scientific Forum Presentation. Boston, Massachusetts.

American College of Surgeons Clinical Congress 2018. Impact of ACA Insurance Expansion on Access to Care: Changes in Perforated Appendix Rates Among Adults Following Medicaid Expansion and the Dependent Coverage Provision*.* Zogg CK, Scott JW, **Davis KA**, Dimick JB, Haider AH. Scientific Forum Presentation. Boston, Massachusetts.

**2017**

30th Annual Meeting of the Eastern Association for the Surgery of Trauma. “Four-year analysis of the Eastern Association for the Surgery of Trauma (EAST) mentoring program.” Zakrison TL, Polk R, Dixon R, Ekeh AP, Gross KR, **Davis KA**, Kurek SJ, Stassen NA, Patel MB. Poster presentation. Hollywood, Florida

30th Annual Meeting of the Eastern Association for the Surgery of Trauma. “Predictors of postoperative complications after surgical adhesiolysis.” Asuzu DT, Pei K, **Davis KA**. Poster presentation. Hollywood, Florida

12th Annual Meeting of the Academic Surgical Congress. “External validation of clinical criteria for obtaining maxillofacial computed tomography in trauma.” Harrington AW, Pei K, Assi R, **Davis KA**. Quickshot presentation. Las Vegas, Nevada.

12th Annual Meeting of the Academic Surgical Congress. “Surgeons overestimate postoperative complications and death.” Pei K, Healy J, **Davis KA**. Las Vegas, Nevada.

12th Annual Meeting of the Academic Surgical Congress. “Impact of hospital volume on outcomes for laparoscopic lysis of adhesions for small bowel obstruction.” Jean RA, O’Neill KM, Pei K, **Davis KA**. Quickshot presentation. Las Vegas, Nevada.

12th Annual Meeting of the Academic Surgical Congress. Sanghi M, Maung AA, **Davis KA**, Schuster KM. “Laparoscopic surgery for emergency colorectal surgery: Less morbidity and shorter length of stay. Quickshot presentation. Las Vegas, Nevada.

47th Annual Meeting of the Western Trauma Association. Zarzaur BL, Dunn JA, Leininger BE, Lauerman MH, Kaups KL, Samary KR, Mayers JG, Hartwell JL, Bhakta A, Gordy DS, Todd SR, Claridge J, Sperry JL, Teicher EJ, Privette AR, Allawi A, Burlew CC, Maung AM, **Davis KA**, Cogbill TH, Bonne S, Livingston DH, Coimbra R, Kozar RA. “The natural history of splenic vascular abnormalities after blunt injury: A Western Trauma Association Multicenter Trial. Snowbird, Utah.

41st Annual Meeting of the Society of VA Surgeons. Merola J, Ibarra C, Arnold B, Resio B, Luks V, **Davis KA**, Pei KY. “To stent or not to stent? Revisiting the need for prophylactic ureteral stent placement during open colectomy.” Houston, Texas.

41st Annual Meeting of the Society of VA Surgeons. Healy JM, Pei KY, **Davis KA**. “A comparison of internal medicine and surgery residents’ abilities to predict surgical risk.” Houston, Texas.

76th Annual Meeting of the American Association for the Surgery of Trauma. DeWane MP, Schuster KM, Maung AA, **Davis KA**, Becher RD. “Rethinking our definition of operative success: predicting early mortality following emergency general surgery colon resection.” Quick shot presentation. Baltimore, Maryland.

76th Annual Meeting of the American Association for the Surgery of Trauma. Reddy SB, Bokhari SAJ, **Davis KA**, Schuster KM. “A prospective validated combined sonographic and clinical score for diagnosing appendicitis. Poster presentation. Baltimore, Maryland

American College of Surgeons Clinical Congress 2017. Erwin SP, Schuster KM, Zhang Y, **Davis KA**, Becher RD. “Latency to source control for emergency general surgery operations.” Scientific Forum Presentation. San Diego, California.

**2016**

29th Annual Meeting of the Eastern Association for the Surgery of Trauma. Maung AA, Bhattacharya B, Schuster KM, **Davis KA**. “Trauma patients on new oral anticoagulation agents have lower mortality than those on warfarin.” San Antonio, Texas.

29th Annual Meeting of the Eastern Association for the Surgery of Trauma. Bhattacharya B, Maung AA, **Davis KA**. “Comfort with uncertainty is inherent to ACS surgeons and does not change with experience: EAST members survey results.” Poster presentation. San Antonio, Texas.

Dysphagia Research Society. “Cervical collar does not increase incidence of prandial aspiration in acute care trauma patients. Bhattacharya B, Young M, **Davis KA**, Leder S. Tucson, Arizona

American Society of Transplant Surgeons 16th Annual State of the Art Winter Symposium. “Are waitlisted transplant patients potential organ donors? Misconceptions and missed opportunities.” Poster presentation. Merola J, Pei K, Rodriguez-Davalos MI, Yoo PS, Mulligan DC, **Davis KA**. Miami, Florida.

40th Annual Meeting of the Society of VA Surgeons. Pei K, Asuzu D, **Davis KA**. “Will laparoscopic lysis of adhesions become standard of care? Evaluating trends and outcomes in laparoscopic management of small bowel obstruction using the ACS NSQIP database.” Quickshot presentation. Virginia Beach, Virginia.

2016 Surgical Education Week. Pei KY, Merola J, **Davis KA**, Longo WE. “Can residents detect errors in technique while observing central line insertions?” Boston, Massachusetts.

22nd Annual International Liver Transplant Society Congress. Bhattacharya B, Maung AA, Barre K, Maerz L, Rodriguez-Davalos M, **Davis KA**. “Postoperative delirium is associated with increased ICU and hospital lengths of stay following liver transplantation. Seoul, Korea.

Spring 2016 Annual Meeting of the Society of Healthcare Epidemiology of America. Boyce JM, Rillstone H, Colandrea MT, Stout RW, Topal J, Ruskis A, Martinello RA, **Davis KA**. “Reducing colon surgery-related surgical site infection rates using a bundle.” Atlanta, Georgia.

75th Annual Meeting of the American Association for the Surgery of Trauma. Maung AA, Johnson DC, Barre K, Peponis T, Mesar R, Velmahos GC, Kasotakis G, Gross RI, Rosenblatt MS, Sihler KC, Winchell RJ, Cholewczynski, W, Butler KL, Odom SR, **Davis KA**. “Cervical spine MRI in patients with negative CT: A prospective, multicenter study of the Research Consortium of New England Centers for Trauma (RECONECT).” Waikoloa, Hawaii.

75th Annual Meeting of the American Association for the Surgery of Trauma. Reddy S, Kelleher M, Bokhari, **Davis KA**, Schuster KM. “**High sensitivity and specificity for ultrasound in the diagnosis of appendicitis”.** Waikoloa, Hawaii

75th Annual Meeting of the American Association for the Surgery of Trauma. Ferrada P, Ivatury RR, Spain DA, **Davis KA,** Aboutanos M, Fildes JJ, Scalea T. “International rotations: A valuable source to supplement operative experience for Acute Care Surgery, Trauma and Surgical Critical Care Fellows.” Waikoloa, Hawaii.

75th Annual Meeting of the American Association for the Surgery of Trauma. Becher R, Maung AA, **Davis KA**. “Transfer status: A significant risk factor for mortality in patients requiring emergent colon surgery.” Poster presentation. Waikoloa, Hawaii.

**2015**

28th Annual Meeting of the Eastern Association for the Surgery of Trauma. “The impact of work schedule and fatigue on the outcome of acute care surgical cases.” Dalton MK, McDonald E, Bhatia P, **Davis KA**, Schuster KM. Orlando, Florida.

10th Annual Academic Surgical Congress. “Working at home: Results from a multicenter survey of surgery and internal medicine residents.” Thiessen C, Lehmann LS, Javier FG, Erlendson MJ, Skrip LA, Mercurio MR, **Davis KA**. Las Vegas, Nevada.

10th Annual Academic Surgical Congress. “Resident over- and under-recording of duty hours: Results from a national multicenter survey.” Thiessen C, Lehmann LS, Javier FG, Erlendson MJ, Skrip LA, Mercurio MR, **Davis KA**. Las Vegas, Nevada.

10th Annual Academic Surgical Congress. “General surgery resident self-censorship in recording duty hours: A qualitative study.” Erlendson MJ, Lehmann LS, Javier FG, **Davis KA**, Mercurio MR, Thiessen C. Las Vegas, Nevada.

10th Annual Academic Surgical Congress. “Working at home: A qualitative study of general surgery residents.” Javier FG, Lehmann LS, Erlendson MJ, **Davis KA**, Mercurio MR, Thiessen C. Las Vegas, Nevada.

45th Annual Meeting of the Western Trauma Association. “No break point for mortality in pediatric rib fractures.” Rosenberg G, Schuster KM, Bryant AK, Lui FY, Maung AA, **Davis KA**. Telluride, Colorado

38th Annual Meeting of the Society of General Internal Medicine. “Working at home: Results from a national, multi-center survey of general surgery and internal medicine residents.” Lehmann LL, Javier F, Erlendson M, Skrip L, Murcurio M, **Davis KA**, Theissen C. Toronto, Canada.

2015 ACS NSQIP National Conference. “Look where they are now! Geriatric hip fracture functionality assessment using NSQIP cases.” Poster presentation. Hirsch MW, Bernardo E, Eissler K, Fitzgerald S, Laske E, **Davis KA,** Rosenthal R, Cooney L**.** Chicago, Illinois.

74th Annual Meeting of the American Association for the Surgery of Trauma. “The older they are, the harder they fall: Injury patterns and outcomes by age after ground level falls.” Poster presentation. Bhattacharya B, Maung AA, Schuster KM, **Davis KA**. Las Vegas, Nevada.

17th Annual Meeting of the American Society of Bioethics and the Humanities. “Resident under-recording of duty hours: Results from a national, multi-center survey. Thiessen C, Erlendson M, Javier F, Skrip L, Mercurio M, **Davis KA**, Lehmann LL. Houston, Texas.

**2014**

27th Annual Meeting of the Eastern Association for the Surgery of Trauma. “Using the Rothman index to prevent unplanned SICU readmissions.” Piper GL, Kaplan LJ, Maung AA, Lui FY, Barre K, **Davis KA**. Naples, Florida.

2014 ACS NSQIP National Conference. “Reducing catheter-associated urinary tract infections (CAUTI) in the surgical intensive care unit.” Piper GL, Kaplan LJ, Maerz LL, Porter A, Sullivan L, Devlin M, **Davis KA**. New York, New York.

2014 ACS NSQIP National Conference. “Using the Rothman index to prevent unplanned SICU readmissions.” Piper GL, Kaplan LJ, Maung AA, Lui FY, Barre K, **Davis KA**. New York, New York.

73nd Annual Meeting of the American Association for the Surgery of Trauma. “Ultrasound vs. Palpation-guided radial artery catheterization: A randomized controlled trial.” Ruangvoravat L, Zingg T, Band, M, Erb C, Marshall P, Maerz LL, Ditillo MF, **Davis KA**, Schuster KM. Philadelphia, Pennsylvania.

73nd Annual Meeting of the American Association for the Surgery of Trauma. “Defining the Acute Care Surgery curriculum.” Duane TM, Dente CJ, Fildes JJ, **Davis KA**, Jurkovich GJ, Meredith JW, Britt LD. Philadelphia, Pennsylvania.

**2013**

26th Annual Meeting of the Eastern Association for the Surgery of Trauma. “Advancing endotracheal tubes in the ICU: Poor radiographic correlation.” Poster presentation. Wang M-L, Schuster KM, Bhattacharya B, Maung AA, Kaplan LJ, **Davis KA**. Scottsdale, Arizona.

26th Annual Meeting of the Eastern Association for the Surgery of Trauma. “Trauma criteria based on blunt mechanism of injury are of little utility.” Poster presentation. Best C, Barre K, Schuster KM, Lofthouse RM, Marcolini EG, **Davis, KA**. Scottsdale, Arizona

72nd Annual Meeting of the American Association for the Surgery of Trauma. “Obesity predisposes trauma patients to worse outcomes: A National Trauma Data Bank analysis.” Poster presentation. Ditillo MF, Hassam A, Joseph B, Rhee P, Bhattacharya B, **Davis KA**. San Francisco, California.

72nd Annual Meeting of the American Association for the Surgery of Trauma. “Continuous glucose monitoring in the surgical intensive care unit: Finding the sweet spot.” Poster presentation. Schuster KM, Barre K, **Davis KA**, Inzucchi SE, Udelsman R. San Francisco, California.

72nd Annual Meeting of the American Association for the Surgery of Trauma. “To swab or not to swab: A prospective analysis of 341 SICU VRE screens.” **Davis KA - Invited discussant**, San Francisco, California.

ID Week 2013. “Accuracy of Surgical Care Improvement Project (SCIP) metrics for documenting normothermia. Boyce JM, Sullivan L, Vaughn D **Davis KA**. San Francisco, CA.

**2012**

42nd Annual Meeting of the Western Trauma Association. “Impact of adaptive statistical iterative reconstruction on radiation dose in the evaluation of trauma patients.” Maxfield MW, Schuster KM, McGillicuddy EA, Ghita M, Brink JA, **Davis KA**. Vail, Colorado

**2011**

6th Annual Academic Surgical Congress. “When the ICU is the OR.” Kaplan, LJ, Schuster KM, Maerz LL, Lui FY, Maung AA, Johnson DC, **Davis, KA**. Huntington Beach, California.

35th Annual Meeting of the Association of VA Surgeons. “Acute cholecystitis in the elderly: Use of CT and correlation with ultrasonography.” McGillicuddy EA, Schuster KM, Brown E, Maxfield MW, **Davis KA**, Longo WE. Irvine, California.

70th Annual Meeting of the American Association for the Surgery of Trauma. “Risk of venous thromboembolism after spinal cord injury: Not all levels are the same.” Poster presentation. Maung AA, Schuster KM, Kaplan LJ, **Davis KA**. Chicago, Illinois

**2010**

23rd Annual Meeting of the Eastern Association for the Surgery of Trauma, “The impact of socioeconomic status on actuarial survival in hospitalized trauma patients: when do they die?” **Davis KA - Invited discussant**, Phoenix, Arizona

40th Annual Meeting of the Western Trauma Association. “Hemorrhagic shock coupled with brain injury associated increases in intracranial pressure drive IL-10 production and expression.” Solomon D, Chen Y, Malkevich N, Scultetus A, Arnaud F, Freilich D, Ahlers S, Kaplan LJ, **Davis KA**, McCarron R. Telluride, Colorado

38th Annual Meeting, Society for Clinical Vascular Surgery. “Changes in aortic diameter during hypovolemic shock: Implications for endograft sizing: Jonker FHW, Verhagen HJM, Mojibian HM, **Davis KA**, Moll FL, Muhs BE, Scottsdale, AZ.

Society of Academic Emergency Medicine Annual Meeting, “Delay from the ED to the OR in trauma patients: Don’t blame your radiologists.” Poster presentation: Butler PJ, Degutis LC, Forman H, **Davis KA**. Phoenix, Arizona

69th Annual Meeting of the American Association for the Surgery of Trauma “Can acute care surgeons perform emergency colorectal procedures with good outcomes?” Schuster KM, McGillicuddy EA, Maung AA, Lui FY, Kaplan LJ, **Davis KA**. Boston, Massachusetts.

69th Annual Meeting of the American Association for the Surgery of Trauma “A risk adjusted mortality analysis of rib fracture patients reveals important treatment variations between trauma centers (A RECONECT Study).” Philips BZ, Harrington DT, Machan J, Zacharias N, Velmahos F, Rosenblatt M, Winston E, Patterson L, Desjardins S, Winchell R, Brotman S, Schulz J, Maung AA, **Davis KA**. Boston, Massachusetts

69th Annual Meeting of the American Association for the Surgery of Trauma “Development of a CT scoring system for necrotizing soft tissue infections.” Poster presentation: McGillicuddy EA, Lischuk A, Schuster KM, Kaplan, LJ, Lui FY, Bokhari SJ, **Davis KA**. Boston, Massachusetts

69th Annual Meeting of the American Association for the Surgery of Trauma “Outcomes of alcohol use in elderly trauma patients.” Poster presentation: DeFreese M, Schuster KM, Kaplan, LJ, Maung AA, Ditillo MF, Lui FY, Johnson DC, **Davis KA**. Boston, Massachusetts

**2009**

39th Annual Meeting of the Western Trauma Association. “Pulseless electrical activity, focused abdominal sonography for trauma and cardiac contractile activity as predictors of survival after trauma.” Schuster KM, Lofthouse R, Moore C, Lui F, Kaplan LJ, **Davis KA**. Crested Butte, Colorado

Society for the Advancement of Blood Management. “The status of massive transfusion in the United States trauma centers: Massive Transfusion or massive confusion?” Schuster KM, **Davis KA**, Lui FY, Maerz LL, Kaplan LJ. Kansas City, Missourri

68th Annual Meeting of the American Association for the Surgery of Trauma. “Hypoglycemia in the surgical intensive care unit” – Poster presentation: Maerz LL, Schuster KM, Kaplan LJ, Wilson DL, Lui FY, Luckianow G, **Davis, KA**. Pittsburgh, Pennsylvania

68th Annual Meeting of the American Association for the Surgery of Trauma “Contrast induced nephropathy in elderly trauma patients.” Poster presentation: McGillicuddy EA, Schuster KM, Kaplan LJ, Lui FY, Maerz LL, Maung AA, Johnson DC, **Davis KA**. Pittsburgh, Pennsylvania

68th Annual Meeting of the American Association for the Surgery of Trauma “Beta-adrenergic blockade and traumatic brain injury: Protective?” Invited discussant, Pittsburgh, Pennsylvania

95th Annual Clinical Congress of the American College of Surgeons Surgical Forum 25, “The future of trauma surgery: Resident and attending views differ.” Invited discussant, Chicago, Illinois

**2008**

21st Annual Meeting of the Eastern Association for the Surgery of Trauma, “A physiochemical approach to acid-base balance reduces diagnostic and therapeutic errors in critically ill trauma patients.” Poster presentation. Cheung N, Maerz L, **Davis KA**, Luckianow G, Lui F, Schuster K, Kaplan LJ. Amelia Island, Florida

37th Annual Meeting of the Society of Critical Care Medicine, “APRV: The optimal rescue mode for respiratory failure.” Poster presentation: Kaplan LJ, Maerz LM, Luckianow G, Lui FY, Schuster KM, **Davis KA**, Honolulu, Hawaii

67th Annual Meeting of the American Association for the Surgery of Trauma “Humoral factors enhance fracture healing and callus formation in trauma brain injured patients.” Inviteddiscussant, Maui, Hawaii

67th Annual Meeting of the American Association for the Surgery of Trauma “Uncovering systems errors using a rapid response team: Cross-coverage caught in the crossfire.” Kaplan LJ, Maerz LM, Schuster KM, Lui FY, Johnson DC, Roesler D, and **Davis KA**. Maui, Hawaii

**2007**

The 20th Annual Meeting of the Eastern Association for the Surgery of Trauma, “Pre-injury statin use is associated with improved in-hospital survival in elderly trauma patients.” Inviteddiscussant, Sanibel, Florida

37th Annual Meeting of the Western Trauma Association, “Explore or ignore anterior rectal injuries?” Henry MCW, Roberts KE, Lui FY, Schuster KM, Kaplan LJ and **Davis KA**. Steamboat, Colorado

66th Annual Meeting of the American Association for the Surgery of Trauma, “Trauma team oversight of patient management improves efficiency of care and augments clinical and economic outcomes.” **Davis KA**, Leary T, Carusone C, Lui FY, Schuster KM and Kaplan LJ. Las Vegas, Nevada

**2006**

The 19th annual meeting of the Eastern Association for the Surgery of Trauma “Nutritional gain vs. financial gain? The role of metabolic carts.” Poster presentation, **Davis KA** , Kinn, T, Esposito TJ, Santaniello JM, Poulakidas SJ, and Luchette FA., Orlando, Florida

The 19th annual meeting of the Eastern Association for the Surgery of Trauma “Trauma surgeons practice what they preach: The NTDB story on non-operative management of solid organ injuries”. Hurtek M., Reed RL II, Esposito TJ, **Davis KA**, and Luchette FA., Orlando, Florida.

The 19th annual meeting of the Eastern Association for the Surgery of Trauma. “Trauma Surgeon vs. mathematical/statistical models: Which is better at predicting abnormal chest x-rays?” Poster presentation. Dillard E, Sears BW, Esposito TJ, Norton J, **Davis KA**, Santaniello JM, Poulakidas SJ and Luchette FA., Orlando, Florida

The 65th Annual Meeting of the American Association for the Surgery of Trauma, Poster presentation, Abood GJ, **Davis KA**, Esposito TJ, Luchette FA and Gamelli RL. “Comparison of routine chest x-rays vs. clinician judgment to determine adequate central line placement in critically ill patients.” New Orleans, Louisiana

The 65th Annual Meeting of the American Association for the Surgery of Trauma,Poster presentation, **Davis KA**, Kinn T, Esposito TJ, and Luchette FA. “Protein supplementation after injury: How much is enough?” New Orleans, Louisiana

**2005**

The 18th Annual Meeting of the Eastern Association for the Surgery of Trauma “Predictors of the Need for Nephrectomy after Renal Trauma,” Poster presentation. **Davis KA**, Abodeely A., Reed RL II, Esposito TJ, Santaniello JM, Poulakidas SJ, and Luchette FA, Ft. Lauderdale, Florida

The 18th Annual Meeting of the Eastern Association for the Surgery of Trauma “Vasopressin Prevents Cardiopulmonary Collapse after Severe Chest Trauma,” Invited Discussant. Ft. Lauderdale, Florida

The 35th Annual Meeting of the Western Trauma Association: “Financial Aspects of Surgical Critical Care,” **Invited Discussant**. Jackson Hole, Wyoming

The 35th Annual Meeting of the Western Trauma Association “The National Renal Trauma Experience: Analysis of the NTDB,” Reed RLII, **Davis KA**, Luchette FA, Esposito TJ, Santaniello JM, Poulakidas SJ, and Gamelli RL, Jackson Hole, Wyoming

The 35th Annual Meeting of the Western Trauma Association. “Reasons to Omit Digital Rectal Exam in Trauma Patients: No Fingers, No Rectum, No Useful Additional Information,” Esposito TJ, Ingraham A, Luchette FA, Sears BW, Santaniello, J.M, **Davis KA**, Poulakidas SJ, and Gamelli RL, Jackson Hole, Wyoming

The 62nd Annual Meeting of the Central Surgical Association “Half a Dozen Ribs: The Breakpoint for Mortality,” Flagel B, Luchette FA, Reed RL II, Boyden T, Esposito TJ, **Davis KA**, Santaniello JM, Poulakidas SJ, and Gamelli RL, Tucson, Arizona

The 37th Annual Meeting of the American Burn Association “The Impact of Urgent Intubation on Ventilator-Associated Pneumonia after Burn Trauma Injury,” Poster presentation. Wade TE, Eckert MJ, **Davis KA**, Luchette FA, Esposito TJ, Poulakidas SJ, Santaniello JM, and Gamelli RL, Chicago, Illinois

The 64th annual meeting of the American Association for the Surgery of Trauma “Fiscal Viability for Trauma Surgeons: A Practice Portfolio Model.” Poster presentation. **Davis KA**, Luchette FA, Reed RLII, Esposito TJ, Santaniello JM, Poulakidas SJ, Gamelli, R.L and Pyrz K, Atlanta, Georgia

The 64th annual meeting of the American Association for the Surgery of Trauma “Splenic artery embolization: have we gone too far?” Invited Discussant, Atlanta, Georgia

**2004**

The 17th Annual Meeting of the Eastern Association for the Surgery of Trauma “Urgent Airways: Who Gets Pneumonia?” Eckert MJ, **Davis KA**, Santaniello JM, Esposito TJ, and Luchette FA, Amelia Island, Florida

The 17th Annual Meeting of the Eastern Association for the Surgery of Trauma “The Effect of Presumptive Antibiotics on the Management of Traumatic Hemopneumothorax – A Multicenter Trial,” Maxwell RA, Campbell DJ, Fabian TC, Croce MA, Luchette FA, Kerwin, AJ, **Davis KA**, Nagy K, and Tisherman SA, Amelia Island, Florida

The 17th Annual Meeting of the Eastern Association for the Surgery of Trauma: Volumetric Diffusive Respiration (VDR) Ventilation Improves Oxygenation in Trauma Patients with Acute Hypoxemia,” Invited Discussant. Amelia Island, Florida

The 34th Annual Meeting of the Western Trauma Association “Medicare’s Bundling of Trauma Care Codes Violates Relative Value Principles,” Reed RL II, Luchette FA, **Davis KA**, Esposito TJ, Poulakidas SJ, Santaniello, G.M., Pryz K, and Gamelli RL, Steamboat, Colorado

The 63 rd Annual Meeting of the American Association for the Surgery of Trauma “Efficacy of Routine Chest X-Ray as a Screening Tool for Trauma Patients,” Luchette FA, Esposito TJ, Sears BW, Dickson EL, Grant, Santaniello JM, Jodlowski CR, **Davis KA**, Poulakidas SJ, and Gamelli RL, Maui, Hawaii

The 63 rd Annual Meeting of the American Association for the Surgery of Trauma “Ventilator Associated Pneumonia, like Real Estate: Location Really Matters,” Eckert MJ, **Davis KA**, Reed RL II, Esposito TJ, Santaniello JM, Poulakidas SJ, and Luchette FA, Maui, Hawai

The 63rd Annual Meeting of the American Association for the Surgery of Trauma “Ventilator Associated Pneumonia in Injured Patients: Do You Trust Your Gram’s Stain?” **Davis KA**, Eckert MJ, Reed RL II, Esposito TJ, Santaniello JM, Poulakidas SJ, and Luchette FA, Maui, Hawaii

**2003**

The 33 rd Annual Meeting of the Western Trauma Association Meeting “Burn injury and pulmonary sepsis: development of a clinically relevant model,” **Davis KA,** Santaniello JM, He LK, et al, Snowbird, Utah

The 33 rd Annual Meeting of the Western Trauma Association Meeting “Splenic embolization revisited: a multicenter trial,” Haan, J., Knudson, M.M., **Davis KA**, and Scalea TM, Snowbird, Utah

Annual Meeting of the Central Surgical Association “Mechanism of injury does not predict severity: triage criteria revisited,” Santaniello JM, Esposito TJ, Luchette FA, Atkian DK, Silver GM, **Davis KA** and Gamelli RL, Toronto, Ontario, Canada

The 23rd Annual Meeting of the Surgical Infection Society “Trauma-hemorrhage shock-induced upregulation of endothelial cell adhesion molecules is blunted by mesenteric lymph duct ligation,” Invited discussant, San Antonio, Texas

The 62nd Annual Meeting of the American Association for the Surgery of Trauma, “Ten year experience of burn, trauma and combined burn/trauma injuries comparing outcomes,” Santaniello JM, Luchette FA, Esposito TJ, Gunawan H, Silver GM, **Davis KA** and Gamelli RL, Minneapolis, Minnesota

**2002**

The 32nd Annual Meeting of the Western Trauma Association Meeting “Resuscitation in the pediatric population: admission base deficit remains an important prognostic indicator,” Randolph LC, Takacs M., and **Davis KA**, Whistler, British Columbia, Canada

**2001**

The 31st Annual Meeting of the Western Trauma Association Meeting “Reducing Trauma Payment Denials with Collaborative Billing,” Reed RL II, **Davis KA**, Silver GM, Esposito TJ, Tsitlik V, O’Hern T, and Gamelli RL, Big Sky, Montana

**2000**

The 13th Annual Meeting of the Eastern Association for the Surgery of Trauma “Use of a Sedation Protocol to Reduce Unplanned Extubations,” **Davis KA**, Sirovatka B, Letarte PB, et al., Sanibel, Florida.

The 30th Annual Meeting of the Western Trauma Association Meeting “Percutaneous Ultrasound-Guided Thrombin Injection of Traumatic Pseudoaneurysms,” **Davis KA**, Mansour MA, Kang SS, et al., Squaw Valley, Lake Tahoe, Colorado

The 60th Annual Meeting of the American Association for the Surgery of Trauma “Severe penetrating colon injuries requiring resection: an AAST multicenter study,” Demetriades D, Murray JA, Chan LL, Cornwell EE, Nagy K, Scalea T, Como JC, Hatzitheofilou C, Wisner D, Coscia R, Schwab CW, Ivatury R, Thomason M, **Davis KA**, and Wang D., San Antonio, Texas

**1999**

The 60th Annual Meeting of the Society of University Surgeons “G-CSF and Neutrophil-Related Changes in Local Host Defense During Recovery from Shock and Intra-abdominal Sepsis,” **Davis KA**, Fabian TC, Ragsdale DN, Trenthem LL, Croce MA, and Proctor KG, New Orleans, Louisiana

The 29th Annual Meeting of the Western Trauma Association “Secondary Abdominal Compartment Syndrome: An Under-Appreciated Manifestation of Severe Hemorrhagic Shock,” Maxwell RA, Fabian TC, Croce MA, and **Davis KA**, Crested Butte, Colorado

The 4th International Shock Congress and the 22nd Annual Conference on Shock “Acadesine and Secondary Injury after Blunt Chest Trauma,” **Davis KA**, Fabian TC, Ragsdale DN, Trenthem LL, and Proctor KG, Philadelphia, Pennsylvania

The 59th Annual Meeting of the American Association for the Surgery of Trauma, “Neutrophil Activation and Secondary Pulmonary Injury after Penetrating Abdominal Trauma.” **Davis KA**, Fabian TC, Radsdale, D.N., Trenthem LL, Croce MA, and Proctor, KG, Boston, Massachusetts

**1998**

The 21st Annual Meeting of the Shock Society "Direct Evidence Demonstrating Mediator‑Dependent Secondary Injury after Blunt Thoracic Trauma," Melton SM, **Davis KA**, Moomey CB, Fabian TC, and Proctor, KG, San Antonio, Texas

The 58th Annual Meeting of the American Association for the Surgery of Trauma "Prostanoids: Early Mediators in the Secondary Injury that Develops After Unilateral Pulmonary Contusion," **Davis KA**, Fabian TC, Croce MA, and Proctor, KG, Baltimore, Maryland

The 58th Annual Meeting of the American Association for the Surgery of Trauma "Early and Late ARDS: Two Distinct Clinical Entities," Croce MA, Fabian TC, **Davis KA**, and Gavin TJ., Baltimore, Maryland

**1997**

The 57th Annual Meeting of the American Association for the Surgery of Trauma "Improved Success in Nonoperative Management of Blunt Splenic Trauma : Embolization of Splenic Artery Pseudoaneurysms," **Davis KA**, Fabian TC, Croce MA, Gavant ML, Flick PA, Minard G, Kudsk K, Pritchard FE. Waikoloa, Hawaii

Annual Meeting of the Southern Surgical Society "Prospective Study of Blunt Aortic Injury (BAI): Helical CT in Diagnostic and Antihypertension Therapy Reduces Rupture," Fabian TC, **Davis KA**, Gavant ML, Croce MA, Melton SM, Patton JH, Haan CK, Weiman DS, Pate JW, Hot Springs, Virginia

**Peer-Reviewed Presentations**: **Regional**

**2021**

101st Annual Meeting of the New England Surgical Society. “Alcohol withdrawal syndrome in trauma patients: A Trauma Quality Programs study.” Jones T, Bhattacharya B, Schuster KM, Becher RD, Kodadek L, **Davis KA**, Maung AA. Poster presentation. Ledyard, Connecticut.

101st Annual Meeting of the New England Surgical Society. “Occult Traumatic Pneumothorax: Is Routine Follow Up Chest X-ray Necessary?” Bhattacharya B, Schuster KM, O’Connor R, Becher RD, **Davis KA**, Maung AA. Poster presentation. Ledyard, Connecticut.

**2020**

101st Annual Meeting of the New England Surgical Society. “Evaluation of firearm-related re-injury in Connecticut: An opportunity for gun violence prevention.” O’Neill KM, Jean RA, Dodington J, **Davis KA**, Becher RD. Virtual presentation (in person presentation cancelled due to COVID-19).

101st Annual Meeting of the New England Surgical Society. “National failure analysis of non-operative management among patients admitted for diverticulitis.” Jean RA, Chiu AS, Brandt WS, Ruangvoravat L, Davis KA. Virtual poster presentation: in person presentation cancelled due to COVID-19.

101st Annual Meeting of the New England Surgical Society. “Risk of operative intervention after percutaneous drainage for complicated diverticulitis.” Jean RA, Chiu AS, Brandt WS, Ruangvoravat L, Davis KA. Virtual poster presentation: in person presentation cancelled due to COVID-19.

**2019**

100th Annual Meeting of the New England Surgical Society. “The effect of anticoagulation on outcomes after liver and spleen injuries: A Research Consortium of New England Centers for Trauma (ReCONECT) Study. Bhattacharya B, Askari R, **Davis KA**, Dorfman J, Eid AI, Elsharkawy AE, Kasotakis G, Mackey S, Odom S, Okafur B, Rosenblatt M, Velmahos G, Maung AA. Montreal, Quebec.

100th Annual Meeting of the New England Surgical Society. “Hospital-based variations in geriatric surgical safety for emergency operations.” Becher RD, DeWane MP, Sukumar N, Stolar MJ, Gill TM, Zogg CK, Schuster KM, Maung AA, **Davis KA**. Poster presentation. Montreal, Quebec.

**2018**

99th Annual Meeting of the New England Surgical Society. “Hospital operative volume is an essential quality indicator for general surgery operations performed emergently on geriatric patients.” Becher RD, DeWane MP, Sukumar N, Stolar MJ, Gill TM, Becher RM, Maung AA, Schuster KM and **Davis KA**. Brief Report: Portland, Maine.

99th Annual Meeting of the New England Surgical Society. “Contemporary management of spontaneous retroperitoneal and rectus sheath hematomas. Warren M, Bhattacharya B, Maung AA, and **Davis KA**. Brief Report: Portland, Maine.

99th Annual Meeting of the New England Surgical Society. “Emergency general surgery operations in the homeless: Marginal access to care and poor outcomes.” DeWane MP, Maung AA, Schuster KM, **Davis KA** and Becher RD. Poster presentation: Portland, Maine.

**2017**

98th Annual Meeting of the New England Surgical Society. “Validation of the American Association for the Surgery of Trauma (AAST) anatomic severity grading system for acute cholecystitis.” Vera K, Pei KY, Schuster KM, **Davis KA**. Brief Report: Bretton Woods, New Hampshire.

98th Annual Meeting of the New England Surgical Society. “The impact of race on the surgical management of adhesive small bowel obstruction. Chiu AS, Jean RA, **Davis KA**, Pei KY. Podium presentation: Bretton Woods, New Hampshire.

98th Annual Meeting of the New England Surgical Society. “Readmission for venous thromboembolism in emergency general surgery patients: A role for prophylaxis upon discharge?” DeWane MP, Schuster KM, Maung AA, **Davis KA**, Becher RD. Accepted for Podium presentation: Bretton Woods, New Hampshire.

**2016**

23rd Annual New England Surgical Society Resident and Fellow Research Presentation Day. “Rothman index variability predicts clinical deterioration and rapid response team activation.” Wengerter B, Pei K, Asuzu D, **Davis, KA**. Waltham, Massachusetts.

97th Annual Meeting of the New England Surgical Society. “Preoperative systemic inflammation is a crucial risk factor for the development of venous thromboembolism following emergency colon resection.” DeWane M, Maung AA, **Davis KA**, Becher RM, Sperry JL, Rosengart MR, Becher RD. Poster presentation. Boston, Massachusetts.

97th Annual Meeting of the New England Surgical Society. “Rothman index variability predicts clinical deterioration and rapid response team activation.” Wengerter B, Pei K, Asuzu D, **Davis, KA**. Poster presentation. Boston, Massachusetts.

Region I (New England) American College of Surgeons Committee on Trauma Resident Paper Competition. Harrington AW, Pei KY, Assi R, **Davis KA**. “External validation of clinical criteria for obtaining maxillofacial computed tomography in trauma.” Boston, Massachusetts.

Region I (New England) American College of Surgeons Committee on Trauma Resident Paper Competition. DeWane M, Davis KA, Maung AA, Becher RD. “Prolonged postoperative ventilation is associated with VTE development in the critically ill emergency general surgery population.” Boston, Massachusetts.

**2015**

2015 MCIC Symposium: Collaboration and Innovation in Patient Safety. “Reducing surgical site infections with a bundle.” Rillstone H, Boyce J, Fan L, Fekieta R, Maxwell S, McMahon M, Rosetti RM, Santora B, Schiavi P, Serra J, Stout R, Wagner J, Whitbread M, Davis KA. Washington DC

96th Annual Meeting of the New England Surgical Society. “Post-operative delirium is associated with increased ICU and hospital lengths of stay following liver transplantation.” Poster presentation. Bhattacharya B, Maung AA, Barre K, Maerz LL, Rodriquez M, Davis KA. Newport, Rhode Island.

**2014**

Region I (New England) American College of Surgeons Committee on Trauma Resident Paper Competition. “Ultrasound vs. Palpation-guided radial artery catheterization: A randomized controlled trial.” Ruangvoravat L, Zingg T, Band, M, Erb C, Marshall P, Maerz LL, Ditillo MF, **Davis KA**, Schuster KM. Boston, Massachusetts.

**2013**

94th Annual Meeting of the New England Surgical Society. “Reducing catheter-associated urinary tract infections (CAUTI) in the surgical intensive care unit.” Piper GL, Kaplan LJ, Maerz LL, Porter A, Sullivan L, Devlin M, **Davis KA**. Hartford, Connecticut.

**2012**

93rd Annual Meeting of the New England Surgical Society. “Factors predicting failure of non-operative management of perforated appendicitis with phlegmon or abscess.” Poster presentation. Maxfield MW, Schuster KM, Bokhari SAJ, McGillicuddy EA, **Davis KA**. Rockport, Maine

93rd Annual Meeting of the New England Surgical Society. “Pregnancy and right lower quadrant pain: MRI, Better than the hand and eye?.” Poster presentation. Fonseca AL, Schuster KM, McCloskey B, Kaplan LJ, Maung AA, Lui FY, **Davis KA**. Rockport, Maine

93rd Annual Meeting of the New England Surgical Society. “Ventilator gas delivery waveform substantially impacts plateau pressure and peak to plateau pressure gradient determination.” Poster presentation. Johnson DC, Maung AA, Schuster KM, Lui FY, Luckianow GM, **Davis KA** and Kaplan LK. Rockport, Maine

**2011**

92nd Annual Meeting of the New England Surgical Society. “Routine nasogastric decompression in small bowel obstruction: Is it really necessary?” Fonseca AL. Schuster KM, Maung AA. Kaplan LJ, Lui FY, **Davis KA**. Bretton Woods, New Hampshire

Region I (New England) American College of Surgeons Committee on Trauma Resident Paper Competition “Impact of adaptive statistical iterative reconstruction on radiation dose in evaluation of trauma patients.” Maxfield MW, Schuster KM, McGillicuddy EA, Ghita M, Brink JA, **Davis KA**, Boston Massachusetts

**2010**

91st Annual Meeting of the New England Surgical Society “Acute cholecystitis in the elderly. Is cholecystectomy necessary?” McGillicuddy EA, Schuster KM, **Davis KA**, Longo WE. Saratoga Springs, New York

91st Annual Meeting of the New England Surgical Society “Predictors of death following gastroduodenal artery embolization for bleeding peptic ulcers.” Salameh BS, Lui FY, Schuster KM, Vanderlan WB, McGillicuddy EA, Pollak JS, Davis KA, Saratoga Springs, New York

**2009**

90th Annual Meeting of the New England Surgical Society “Management of the most severely injured spleen: A multi-center study of the Research Consortium of New England Centers for Trauma (ReCONECT).” Velmahos GC, Zacharias N, Emhoff T, Feeney J, Hurst J, Crookes B, Harrington D, Gregg S, Brotman S, Burk P, **Davis KA**, Gupta R, Winchell R, Desjardins S, Alouidor R, Gross R, Rosenblatt M, Schultz J. Newport, Rhode Island

90th Annual Meeting of the New England Surgical Society “Factors associated with survival following blunt chest trauma in older patients: Results from a large regional trauma cooperative).” Harrington D, Zacharias N, Velmahos GC, Rosenblatt M, Winston E, Patterson L, Desjardins S, Cushing B, Brotman S, Schultz J, Maung A, **Davis KA**. Newport Rhode Island

**2008**

89th Annual Meeting of the New England Surgical Society “Factors predicting morbidity and mortality in emergency colorectal procedures in the elderly.” Poster presentation, McGillicuddy EA, Schuster KM, **Davis KA**, Longo WE, Boston, Massachusetts

89th Annual Meeting of the New England Surgical Society “Pediatric rib fractures may not be a marker for worse outcomes.” Poster presentation – Fiegel A, Lui FY, Schuster KM, **Davis KA**, Boston, Massachusetts.

Region I (New England) American College of Surgeons Committee on Trauma Resident Paper Competition “Contrast Induced Nephropathy in Elderly Trauma Patients.” McGillicuddy EA, Schuster KM, Kaplan, LJ, **Davis KA**, Boston Massachusetts

**2007**

Region I (New England) American College of Surgeons Committee on Trauma Resident Paper Competition “Pre-injury anticoagulation increases the risk for craniotomy after closed head injury.” Roesler DM, Schuster KM, Lui FY, Maerz LL, Kaplan LJ, **Davis KA**, Boston, Massachusetts

**2005**

Illinois Surgical Association Spring Meeting, “Ventilator Associated Pneumonia in Injured Patients: Do You Trust Your Gram’s Stain?” Maywood, Illinois

**1995**

Annual Meeting of the New England Surgical Society "The Utility of Follow-up CT Scanning in Blunt Hepatic Injury," **Davis KA**, Brody JM, and Cioffi WG, Montreal, Canada.

American College of Surgeons National Meeting at the Committee on Trauma Resident Paper Competition "Periportal Tracking on CT Scan of Blunt Hepatic Trauma Patients: Is It Clinically Significant?" **Davis KA**, Brody JM and Cioffi WG, Boston, Massachusetts

**1994**

Region I (New England) American College of Surgeons Committee on Trauma Resident Paper Competition "Periportal Tracking on CT Scan of Blunt Hepatic Trauma Patients: Is It Clinically Significant?” **Davis KA**, Brody JM. and Cioffi WG, New England Medical Center, Boston, Massachusetts

**1993**

Region I (New England) American College of Surgeons Committee on Trauma Resident Paper Competition "Hepatic Trauma: A Revised Algorithm for Treatment Using Selective Embolization," **Davis KA**, and Morin CJ, New England Medical Center, Boston, Massachusetts

**Professional Service – Peer Review Groups**

Maryland Institute for Emergency Medical Services System

Site Reviewer for Trauma Center Verification 2008 - 2018

American College of Surgeons Committee on Trauma

Verification Review Committee – Site Reviewer 2009 – present

Center for Integrated Medicine and Innovative Research

Grant Reviewer 2009 - 2010

American Association for the Surgery of Trauma

Selection Committee - Health Policy Scholarship 2010

American Association for the Surgery of Trauma

Acute Care Surgery Fellowship – Site Reviewer 2014 – present

Raine Medical Research Foundation Grant Reviewer 2018

Chairman Peer Review Panel - Defense Medical Research

and Development Program (DMRDP) Joint Program

Committee-6/Combat Casualty Care Research Program,

Department of Defense Congressionally Directed Medical

Research Programs (CDMRP). 2019

Chairman Peer Review Panel – Peer Reviewed Medical Research

Program (PRMRP) Focused Program, Hemorrhage Control,

Department of Defense Congressionally Directed Medical

Research Programs (CDMRP). 2021

**Profession Service – Journal Service**

Associate Editor

*Trauma Surgery and Acute Care Open* 2016 – 2024

Editorial Boards

*Journal of Trauma and Acute Care Surgery* 2007 - present

*Journal of Burn Care and Research* 2009 – present

*Current Trauma Reports* 2014 – present

*Trauma Surgery and Acute Care Open* 2016 – present

*American Journal of Surgery* 2016 – present

*Annals of Surgery* 2021 – present

Journal Reviewer – Ad hoc

*Journal of Trauma* 1999 – present

*Journal of Surgical Research* 2004 – present

*Journal of Burn Care and Rehabilitation* 2005 – present

*Journal of the American College of Surgeons*2007 - present

*Journal of Critical Care* 2009 - present

*Critical Care Medicine* 2010 – present

*American Journal of Surgery* 2010 – present

*Journal of Intensive Care Medicine* 2010 – present

*Academic Radiology* 2014 - present

*Annals of Surgery* 2014 – present

*Injury* 2017 – present

*Surgery* 2019 - present

**Professional Service – Professional Organizations**

American Board of Surgery

Associate Examiner 2004

Associate Examiner 2009

Associate Examiner 2013

Exam consultant – Certifying exam 2017 - 2024

Trauma/Burns/Critical Care

Member, Trauma/Critical Care/Burns Board 2018 - 2020

Director, Trauma/Critical Care/Burns Board 2020 - 2024

Examiner 2018 – present

American Association for the Surgery of Trauma

Member 2002 - present

Member – Competency and Testing Subcommittee 2005 – 2010

Member – Critical Care Committee 2006 – 2009

Member – Acute Care Surgery Committee 2009 – 2012

Judge – Canizaro Award 2010, 2018

Representative – ACS Board of Governors 2013 - present

Chair – Acute Care Surgery Committee 2013 – 2017

**Board of Directors – Acute Care Surgery Manager**

**at Large** 2015 – 2017

Member – Program Committee 2015 – 2017

Member – Membership Committee 2015 – 2017

Member – Scholarship Committee 2015 – 2017

Member – Membership Strategic Retreat Initiative 2017 – 2018

Chair – ACS Strategic Retreat Initiative 2017 – 2019

Member – Research Strategic Retreat Initiative 2017 – 2019

Member – Healthcare Economics Committee 2017 – 2023

Member – Program Committee 2019 – 2023

Member – Membership Committee 2019 – 2023

Member – Scholarship Committee 2019 – 2023

**Secretary-Treasurer** 2019 – 2023

**Board of Directors – Executive Committee**  2019 – 2023

American College of Critical Care Medicine

Fellow 2009 – present

American College of Surgeons

Associate Fellow 1997 – 2001

Fellow 2001 – present

National Ultrasound Faculty 2000 - 2019

Committee on Applicants - Connecticut 2013 - present

**Board of Governors** – AAST representative 2013 – 2018

Vice Chair –Surgical Care Delivery Workgroup 2015 – 2017

Chairman – Surgical Care Delivery Workgroup 2017 – 2018

Member, Emergency General Surgery Verification

Program working group 2019 - present

American College of Surgeons Committee on Trauma

Member – Advanced Trauma Life Support Committee 2008 – present

Member – Verification Review Committee 2008 – present

Chair, Connecticut State Committee on Trauma 2008 - 2014

Judge, National Resident Paper Competition 2010 - 2013

**Chair, Region I** 2013 – 2019

**Treasurer** – RCOT Board of Directors 2013 – 2019

Central COT 2019 – 2025

Member, Quality Pillar 2019 – 2025

Member, Verification Review Committee 2019 – 2025

American Surgical Association

Member – Equity Task Force 2017 - 2018

Chicago Committee on Trauma of the American College of Surgeons

Member 1998 - 2006

Judge, Resident Paper Competition 2002 - 2005

Chair, Education and Registry Committee 2004 – 2006

Chicago Metropolitan Trauma Society

Member 1998 - 2006

Board of Directors 1999 – 2006

**Secretary Treasurer** 2000 – 2002

**President** 2002 – 2003

Chicago Surgical Society

Member 1999 - 2006

Member – Young Surgeons Committee 2000 – 2002

Coalition for National Trauma Research

**Executive Committee** 2013 - 2020

Connecticut Chapter of the American College of Surgeons Professional Association

Member 2006 - present

Council Member – ex officio 2008 – 2009

Council Member 2009 – 2013

Chair, Legislative Committee 2012 - 2014

**Secretary** 2012 – 2014

**President – Elect** 2014 – 2016

**President** 2016 – 2018

**Immediate** **Past President**  2018 – 2020

Connecticut Trauma Conference Inc.

**Secretary – Treasurer** 2008 – 2013

Program planning director 2009 – 2013

Program planning committee 2013 – 2020

**President** 2013 - 2020

Eastern Association for the Surgery of Trauma

Member 1999 - present

Member - Publications Committee 2000 - 2003

Member - Program Committee 2003 - 2006

Chair – Membership Committee 2007 - 2010

**Board of Directors Manager at Large** 2007 – 2010

Judge – Raymond Alexander Paper Competition 2010, 2011, 2013

**Secretary Treasurer** 2010 - 2013

**Executive Committee** 2010 – 2016

**President-Elect** 2013 – 2014

Membership-Bylaws 2013 – 2014

Task Force Chair – Redefining the focus of EAST 2013 - 2014

Through Branding and Marketing Review

Nominating Committee 2014 – 2015

**Immediate Past-President** 2015 – 2016

Development Section 2015 – 2018

EAST senior mentor 2014 - 2020

EAST Foundation Board of Trustees

Ex Officio member 2010 – 2013

Joint Corporate Relations Committee 2013 – 2015

Ex Officio member 2014 – 2015

Member 2015 – 2016

Surgical Critical Care Program Directors Society

Member 2005 - present

Chair, Governance Committee 2010 – 2012

Board of Governors Manager at Large 2012 – 2014

**Secretary** 2014 – 2016

**President-elect** 2016 – 2018

**President** 2018 – 2020

**Immediate Past-President** 2020 - 2022

Western Trauma Association

Member 2000 - present

Member – Program Committee 2005 - 2008

**Board of Directors** 2007 – 2010

Member – Program Committee 2022 – present

**Secretary** 2024 – present

Southwestern Connecticut Trauma Symposium

Program Planning Committee 2006 – 2010

Yale Surgical Society

Councilor at large 2015 - 2019

Other Societal Memberships

Association of Women Surgeons 1991 – present

Society of Critical Care Medicine 1998 – present

Shock Society 1999 – 2008

Surgical Infection Society 2001 – 2016

Association for Academic Surgery 2002 – present

Central Surgical Society 2003 – 2010

Society of University Surgeons 2006 – present

New England Surgical Society 2007 - present

American Burn Association 2009 – present

American Surgical Association 2014 – present

Society of Gastrointestinal and Endoscopic Surgeons 2018 – present

**Yale-New Haven Health System Committees**

Co-Chair, Supply Chain Physician Advisory Council 2011 – 2014

Non-Labor Executive Steering Committee 2012 – 2015

**Yale –New Haven Hospital Committees**

Chair, Trauma Multidisciplinary Quality

Improvement Committee 2006 - 2011

Pediatric Trauma Multidisciplinary Quality

Improvement Committee 2006 - present

Antibiotic Drug Utilization Subcommittee (ADUS) 2006 – 2009.

Operating Room Committee 2006 – 2010

Equipment Product Standards Committee 2006 – 2010

Neurosciences Service Line Planning Committee 2006 – 2008

Transplant Service Line Planning Committee 2006 – 2008

Bed Designation Committee 2007 – 2009

Patient Throughput Steering Committee 2007 – 2009

Yale Emergency Services Committee of the Medical Board 2007 – 2010

Co-Chair, Trauma/General Surgery Operations Council 2008 – 2011

Surgical Services Steering Committee 2009 – 2011

Institutional Practice Quality and Peer Review Committee 2009 – present

Co-Chair, Trauma Service Line Planning Committee 2010 – 2011

Trauma Multidisciplinary Quality Improvement Committee 2011 – present

Safe Patient Flow Steering Committee 2011 – 2013

Patient Safety and Quality Committee 2011 – 2015

Peri-operative Patient Safety and Quality Council 2011 – present

Medical Directors Leadership Committee 2011 – 2015

Co-Chair, Surgery Operations Councils 2011 - 2014

Peri-operative Executive Leadership Committee 2012 – present

Technology Assessment and Application Committee 2012 – 2014

Perioperative Redesign Steering Committee 2013 – 2014

Cost and Value Positioning Committee 2013 – 2017

Sponsor, Surgical Site Infection Prevention Charter

Committee 2014 – 2017

Sponsor, Enteral Nutrition Clinical Redesign Project 2015 – 2016

Sponsor, TPN Clinical Redesign Project 2015 – 2016

Joint Leadership Committee 2015 – present

Sponsor, Enhanced Recovery After Surgery

Clinical Redesign Project 2016 – 2018

Institutional Claims Committee 2017 – 2020

**Yale School of Medicine Committees**

Member, Board of Permanent Officers 2012 – present

Search Committee Chair, Section Chief of Pediatric Surgery

Yale Department of Surgery / Surgeon-in-Chief

Yale-New Haven Children’s Hospital 2010 – 2011

Department of Urology Chairman Search Committee 2010 - 2011

Search Committee Chair, Section Chief of Surgical

Transplantation and Immunology Yale Department

of Surgery, Director of Transplantation Yale-New

Haven Hospital 2012 – 2013

Department of Radiology, Chairman Search Committee 2013

Member, Senior Appointments and Promotions Committee 2013 – 2016

Member, Ad Hoc Task Force on Gender Equity 2014 – 2016

Member, Ad Hoc Committee on the CE track 2016 - 2018

**Yale Medical Group Committees**

Physician Billing Compliance Leader (Surgery) 2006 - present

Practice Operations and Standards Committee of the

YMG Board of Governors 2009 – 2018

Cost of Practice Work Group 2012 – 2013

Operations Committee 2013 – 2015

Quality Committee 2017 - 2019

**Yale Department of Surgery Committees**

Member, Executive Committee 2006 – present

Member, Surgical Education Committee 2006 – present

Member, Core Competencies Committee 2006 – present

Member, Appointments and Promotions Committee 2006 – present

Member, Vice Chairs Committee 2007 – 2021

Chair, PGY-4 Clinical Competency Committee 2014 – 2019

Member, OSHE Grant Review Committee 2015 - 2021

**Yale School of Management Committees**

Member, MBA for Executives Leadership in Healthcare

Alumni Advisory Council Representative 2012 - 2014

**Loyola University Medical Center Committees**

Surgical Intensive Care Unit Quality Improvement 1998 - 1999.

Trauma Multidisciplinary Quality Improvement 1998 - 2006

Ventilator Management Task Force 1998 – 2006

Emergency Department Performance Improvement 1999 - 2006

Chair, Surgical Intensive Care Unit Quality Improvement 1999 - 2006

Infection Control Committee 2001 – 2006

# Public Service

# Fleet surgeon, Chicago Yacht Club Race to Mackinac 2001 – 2003

Board of Directors, Special Olympics Connecticut 2014 – 2022

**Bibliography:**

**Peer-reviewed original research:**

1. Reinhard GR, Hsu MC, Harbison ML, and **Davis KA**. "Novel Approaches to a Sendai Virus Vaccine." *Laboratory Animal Science*, 1989, 39(5), 473‑474.
2. **Davis KA**, Mock CN, Versaci A, and Lentrichia P. “Malignant Degeneration of Pilonidal Cysts." *American Surgeon*, 1994, 60(3), 200‑204.
3. **Davis KA**, Brody JM, and Cioffi WG. "Computed Tomography in Blunt Hepatic Trauma." *Archives of Surgery*, 1996, 131(3), 255‑260.
4. Fabian TC, **Davis KA**, Gavant ML Croce MA, Melton SM, Patton JH, Haan CK, Weiman DS, Pate JW. "Prospective Study of Blunt Aortic Injury (BAI): Helical CT is Diagnostic and Antihypertension Therapy Reduces Rupture." *Annals of Surgery*, 1998, 227(5), 666‑677.
5. **Davis KA**, Fabian TC, Croce MA Gavant ML, Flick PA, Minard G, Kudsk K, Pritchard FE. "Improved Success in Nonoperative Management of Blunt Splenic Trauma: Embolization of Splenic Artery Pseudoaneurysms." *Journal of Trauma*, 1998, 44(6), 1008-1015.
6. Croce MA, Fabian TC, **Davis KA**, Gavin TJ. "Early and Late Adult Respiratory Distress Syndrome: Two Distinct Clinical Entities." *Journal of Trauma*, 1999, 46(3), 361-368.
7. **Davis KA**, Fabian TC, Croce MA, and Proctor, KG “Prostanoids: Early Mediators in the Secondary Injury that Develops after Unilateral Pulmonary Contusion.” *Journal of Trauma*, 1999, 46(5), 824-832.
8. Melton SM, **Davis KA**, Moomey Jr CB, Fabian TC, and Proctor, KG. “Mediator-Dependant Secondary Injury after Unilateral Blunt Thoracic Trauma.” *Shock,* 1999, 11(6), 396-402.
9. **Davis KA**, Fabian TC, Ragsdale DN, Trenthem LL, Croce MA, and Proctor, KG “G-CSF and Neutrophil-Related Changes in Local Host Defense during Recovery from Shock and Intra-Abdominal Sepsis.” *Surgery,* 1999, 126(2), 305-313.
10. Maxwell RA, Fabian TC, Croce MA, and **Davis KA.** “Secondary Abdominal Compartment Syndrome: An Under-Appreciated Manifestation of Severe Hemorrhagic Shock.” *Journal of* *Trauma,* 1999, 47(6), 995-999.
11. **Davis KA**, Mansour MA, Kang SS, et al. “Pseudoaneurysms of the Extremity without Fracture: Treatment with Percutaneous Ultrasound-Guided Thrombin Injection.” *Journal of Trauma*, 2000, 49(5), 818-821.
12. **Davis KA**, Fabian TC, Ragsdale DN, Trenthem LL, and Proctor, KG “Endogenous Adenosine and Secondary Injury after Chest Trauma.” *Journal of Trauma,* 2000, 49(5),

892-898.

1. Bee TK, Croce MA, Miller PR, Pritchard FE, **Davis KA** and Fabian TC “Failures of Splenic Nonoperative Management: Is the Glass Half Empty or Half Full?” *Journal of Trauma,* 2001, 50(2), 230-236.
2. **Davis KA**, Fabian TC, Ragsdale DN, Trenthem LL, Croce MA, and Proctor KG “Combination Therapy that Targets Secondary Pulmonary Changes after Abdominal Trauma.” *Shock,* 2001, 15(6), 479-484.
3. Demetriades D, Murray JA, Chan LS, Ordonez C, Bowley D, Nagy KK, Cornwell EE 3rd, Velmahos GC, Munoz N, Hatzitheofilou C, Schwab CW, Rodriguez A, Cornejo C, **Davis KA**, Namias N, Wisner DH, Ivatury RR, Moore EE, Acosta JA, Maull KI, Thomason MH, Spain DA; Committee on Multicenter Clinical Trials. American Association for the Surgery of Trauma. “Penetrating Colon Injuries Requiring Resection: Diversion or Primary Anastomosis. An AAST Prospective Multicenter Study.” *Journal of Trauma,* 2001, 50(5), 765-775.
4. Asensio JA, Britt LD, Borzotta A, Peitzman A, Miller FB, Mackersie RC, Pasquale MD, Pachter HL, Hoyt DB, Rodriguez JL, Falcone R, **Davis KA**, Anderson JT, Ali J, Chan L. “Multi-institutional Experience with the Management of Superior Mesenteric Artery Injuries.” *J Am Coll Surg,* 2001, 193(4), 354-366.
5. Demetriades D, Murray JA, Chan LS, Ordonez C, Bowley D, Nagy KK, Cornwell EE 3rd, Velmahos GC, Munoz N, Hatzitheofilou C, Schwab CW, Rodriguez A, Cornejo C, **Davis KA**, Namias N, Wisner DH, Ivatury RR, Moore EE, Acosta JA, Maull KI, Thomason MH, and Spain DA. “Handsewn versus Stapled Anastomosis in Penetrating Colon Injuries Requiring Resection: A Multicenter Study.” *Journal of Trauma,* 2002, 52(1), 117-121.
6. Randolph LC, Takacs M, and **Davis KA** “Resuscitation in the pediatric population: admission base deficit remains an important prognostic indicator.” *Journal of Trauma,* 2002, 53(5), 838-842.
7. Reed RL II, **Davis KA**, Silver GM, et al. “Reducing Trauma Payment Denials with Collaborative Billing.” *Journal of Trauma,* 2003, 55(4), 762-770.
8. Santaniello JM, Esposito TJ, Luchette FA, Atkian D.K., Silver GM, **Davis KA** and Gamelli RL “Mechanism of injury does not predict severity: triage criteria revisited.” *Surgery,* 2003, 134(4), 698-704.
9. **Davis KA**, Santaniello JM, He LK et al. “Burn injury and pulmonary sepsis: development of a clinically relevant model.” *Journal of Trauma,* 2004, 56(2), 272-278.
10. Haan, J, Biffl, W, Knudson, MM, **Davis KA**, Oka, T, Mayercik, S, Dicker, R, Marder S and Scalea TM. “Splenic Embolization Revisited: A Multicenter Review.” *Journal of Trauma,* 2004, 56(3), 542-547.
11. Santaniello JM, Luchette FA, Esposito TJ, Gunawan H, Reed RLII, **Davis KA** and Gamelli RL. “Ten-year experience of burn, trauma and combined burn/trauma injuries comparing outcomes.” *Journal of Trauma,* 2004, 57(4), 686-701.
12. Eckert MJ, **Davis KA**, Reed RL II, Santaniello JM, Esposito TJ, and Luchette FA. “Urgent Airways After Trauma: Who Gets Pneumonia?” *Journal of Trauma,* 2004, 57(4),

750-755.

1. Maxwell RA, Campbell DJ, Fabian TC, Croce MA, Luchette FA, Kerwin, AJ, **Davis KA**, Nagy K, and Tisherman SA. “The Effect of Presumptive Antibiotics on the Management of Traumatic Hemopneumothorax – A Multicenter Trial.” *Journal of Trauma,* 2004, 57(4), 742-749.
2. Reed RL II, Luchette FA, **Davis KA**, Esposito TJ, Poulakidas SJ, Santaniello JM, Silver GM, Pyrz K, and Gamelli RL. “Medicare’s Bundling of Trauma Care Codes Violates Relative Value Principles.” *Journal of Trauma,* 2004, 57(6), 1164-1172.
3. **Davis KA**, Eckert MJ, Reed RL II, Esposito TJ, Santaniello JM, Poulakidas SJ and Luchette, F. A. “Ventilator-associated Pneumonia in the Injured Patient: Do you Trust your Gram Stain?” *Journal of Trauma,* 2005, 58(3), 462-467.
4. Brewster LP, **Davis KA,** Gabram SA, and Gamelli RL “Improving Resident Education and Confidence in Surgical Palliative Care.”  *J Palliative Care* 2005, 8(3), 663-664.
5. Sears BW, Luchette FA, Esposito TJ, Dickson EL, Grant M, Santaniello JM, Jodlowski CR, **Davis KA,** Poulakidas SJ, Gamelli RL. “Old Fashion Clinical Judgment in the Era of Protocols: Is Mandatory Chest X-ray Necessary in Injured patients?”*. Journal of Trauma* 2005, 59, 324-332.
6. Flagel B, Luchette FA, Reed RL II, Boyden T, Esposito TJ, **Davis KA,** Santaniello JM, Poulakidas SJ, and Gamelli RL. “Half a Dozen Ribs: The Breakpoint for Mortality.” *Surgery* 2005, 138, 717-725.
7. Esposito TJ, Ingraham A., Luchette FA, Sears BW, Santaniello JM, **Davis KA**, Poulakidas SJ, and Gamelli RL “Reasons to Omit Digital Rectal Exam in Trauma Patients: No Fingers, No Rectum, No Useful Additional Information.” *Journal of Trauma*, 2005, 59, 1314-1319
8. Eckert MJ, **Davis KA,** Reed RL II, Esposito TJ, Santaniello JM, Poulakidas SJ and Luchette FA. “Ventilator Associated Pneumonia, like Real Estate: Location Really Matters.” *Journal of Trauma* 2006, 60, 104-110.
9. **Davis KA,** Abodeely A, Reed RL II, Esposito TJ, Santaniello JM, Poulakidas SJ, and Luchette FA “Predictors of the Need for Nephrectomy after Renal Trauma”. *Journal of Trauma* 2006, 60, 164-170.
10. Hurtek M., Reed RL II, Esposito TJ, **Davis KA**, and Luchette FA. “Trauma surgeons practice what they preach: The NTDB story on non-operative management of solid organ injuries”. *Journal of Trauma* 2006*,* 61(2), 243-255
11. **Davis KA**, Kinn T, Esposito TJ, Reed, RL II MD, Santaniello JM, and Luchette FA “Nutritional gain vs. financial gain? The role of metabolic carts.” *Journal of Trauma* 2006, 61(6), 1436-1440.
12. Eckert MJ, Wade TE, **Davis KA,** Luchette FA, Esposito TJ, Poulakidas SJ, Santaniello JM and Gamelli RL “The Impact of Urgent Intubation on Ventilator-Associated Pneumonia after Burn Injury.” *J Burn Care and Rehabilitation* 2006, 27(4), 457-462.
13. Kaplan LJ, Frankel H, **Davis KA**, Barie PS. “Lessons from emergency general surgery.” *Journal of* Trauma 2007, 62, 1264-1271.
14. Abood GJ, **Davis KA**, Esposito TJ, Luchette FA and Gamelli RL. “Comparison of routine chest x-rays vs. clinician judgment to determine adequate central line placement in critically ill patients.” *Journal of Trauma* 2007, 63, 50-53.
15. Dillard E, Luchette FA, Norton J Sears BW, Schermer CR, Reed RL II, **Davis KA**, Gamelli RL, Esposito TJ. “Clinician vs. mathematical/statistical models: Which is better at predicting abnormal chest x-rays?” Am J Emerg Med 2007, 25, 822-829.
16. **Davis KA**, Cabbad NC, Schuster KM, Kaplan LJ, Carusone C, Leary T and Udelsman R. “Trauma team oversight of patient management improves efficiency of care and augments clinical and economic outcomes.” *Journal of Trauma* 2008, 65, 1236-1244.
17. Kaplan LK, Chung NH-T, Maerz LL, Lui FY, Schuster KM, Luckianow G and **Davis KA**. “A physicochemical approach to acid-base balance in critically ill trauma patients minimizes errors and reduces inappropriate plasma volume expansion.” *Journal of Trauma* 2009, 66, 1045-1051.
18. Wai PY, Ruby JA, **Davis KA**, Bell RL, Duffy AJ, Roberts AC, Roberts KE. “Laparoscopic ventral hernia repair during pregnancy.” *Hernia* 2009, 13(5), 559-563.
19. Carter A, **Davis KA**, Evans L, Cone DC. “Information loss in emergency medical services handover of trauma patients.” *Prehospital Emergency Care* 2009, 13(3), 280-285.
20. Kaplan LJ, Maerz LL, Schuster KM, Lui FY, Johnson DC, Roesler D, Luckianow G, **Davis** **KA**. “Uncovering system errors using a rapid response team: cross coverage caught in the crossfire. *Journal of Trauma*, 2009, 67(1), 173-179.
21. McGillicuddy EA, Schuster KM, **Davis KA**, Longo WE. “Factors predicting morbidity and mortality in emergency colorectal procedures in the elderly. *Archives of Surgery*, 2009, 144(12), 1157-1162.
22. Schuster KM, Lofthouse R, Moore C, Lui F, Kaplan LJ, **Davis KA**. “Pulseless electrical activity, focused abdominal sonography for trauma and cardiac contractile activity as predictors of survival after trauma.” *Journal of Trauma* 2009, 67(6), 1154-1157.
23. Violano P, **Davis KA**, Lane V, Lofthouse R., Carusone C. “Establishing an injury prevention program to address pediatric pedestrian collisions.” *Journal of Trauma Nursing*, 2009, 16(4), 216-219.
24. McGillicuddy EA, Schuster KM, Kaplan LJ, Lui FY, Maerz LL, Maung AA, Johnson DC, **Davis KA**. “Contrast induced nephropathy in elderly trauma patients.” *Journal of Trauma*, 2010, 68(2), 294-297.
25. Schuster KM, **Davis KA**, Lui FY, Maerz LL, Kaplan LJ. “The status of massive transfusion protocols in United States trauma centers: Massive transfusion or massive confusion?” *Transfusion*, 2010, 50(7), 1545-1551.
26. Harrington D, Zacharias N, Velmahos GC, Rosenblatt M, Winston E, Patterson L, Desjardins S, Cushing B, Brotman S, Schultz J, Maung A, **Davis KA**. “Factors associated with survival following blunt chest trauma in older patients: Results from a large regional trauma cooperative).” *Archives of Surgery*, 2010, 145(5), 432-437.
27. Velmahos GC, Zacharias N, Emhoff T, Feeney J, Hurst J, Crookes B, Harrington D, Gregg S, Brotman S, Burk P, **Davis KA**, Gupta R, Winchell R, Desjardins S, Alouidor R, Gross R, Rosenblatt M, Schultz J. “Management of the most severely injured spleen: A multi-center stury of the Research Consortium of New England Centers for Trauma (ReCONECT).” *Archives of Surgery*, 2010, 145(5), 456-460.
28. Jonker FHW, Verhagen HJM, Mojibian H, **Davis KA**, Moll FL, Muhs BE. “Changes in aortic diameter during hypovolemic shock: Implications for endograft sizing.” *Journal of Vascular Surgery*, 2010, 52(1), 39-44.
29. Napolitano LM, Fulda GJ. **Davis KA**, Ashley DW, Friese R, Van Way CW III, Meredith JW, Fabian TC, Jurkovich GJ, Peitzman AB. “Challenging issues in Surgical Critical Care, Trauma, and Acute Care Surgery: A report from the Critical Care Committee of the American Association for the Surgery of Trauma. *Journal of Trauma*, 2010, 69(6), 1619-1633.
30. Maung AA, Kaplan LJ, Schuster KM, Johnson DC, **Davis KA**. “Routine / protocol evaluation of trauma patients with suspected syncope is unneccesary.” *Journal of Trauma*, 2011, 70, 428-432.
31. McGillicuddy EA, Lischuk A, Schuster KM, Kaplan, LJ, Lui FY, Bokhari SJ, **Davis** **KA**. “Development of a CT scoring system for necrotizing soft tissue infections.” *Journal of Trauma*, 2011, 70, 894-899.
32. Schuster KM, McGillicuddy EA, Maung AA, Kaplan LJ, **Davis KA**. “Can acute care surgeons perform emergency colorectal procedures with good outcomes?” *Journal of Trauma*, 2011, 71, 94-101.
33. McGillicuddy EA, Schuster KM, Brown E, Maxfield MW, **Davis KA**, Longo WE. “Acute cholecystitis in the elderly: Use of CT and correlation with ultrasonography.” *American Journal of Surgery,* 2011, 202, 524-527.
34. Maung AA, Schuster KM, Kaplan LJ, Maerz LL, **Davis KA**. “Risk of venous thromboembolism after spinal cord injury: Not all levels are the same*.” Journal of Trauma*, 2011, 71, 1241-1245.
35. Michetti CP, Fahkry SM, Ferguson PL, Cook A, Moore FO, Gross R, AAST Ventilator-Associated Pneumonia Investigators. “Ventilator-associated pneumonia rates at major trauma centers compared with a national benchmark: a multi-institutional study of the AAST.” *Journal* *of Trauma and Acute Care Surgery*, 2012, 72, 1165-1173.
36. McGillicuddy EA, Schuster KM, Barre K, Suarez L, Hall MR, Kaml GJ, **Davis KA**, Longo WE. “Nonoperative management of acute cholecystitis in the elderly.” *British Journal of Surgery*, 2012, 99(9):1254-1261.
37. Maung AA, Schuster KM, Kaplan LJ, Ditillo MF, Maerz LL, Lui FY, **Davis KA**. “Compared to conventional ventilation, airway pressure release ventilation may increase ventilator days in trauma patients.” *Journal of Trauma and Acute Care Surgery*, 2012, 73, 507-510.
38. Maxfield MW, Schuster KM, McGillicuddy EA, Ghita M, Brink JA, **Davis KA**.

“Impact of adaptive statistical iterative reconstruction on radiation dose in the evaluation of trauma patients.” *Journal of Trauma and Acute Care Surgery*, 2012, 73, 1404-1409.

Fonseca AL. Schuster KM, Maung AA. Kaplan LJ, Lui FY, **Davis KA**. “Routine nasogastric decompression in small bowel obstruction: Is it really necessary?” *American Surgeon*, 2013, 79, 422-428.

1. Piper GL, Maerz LL, Schuster KM, Maung AA, Luckianow GM, **Davis KA**, Kaplan LJ. “When the ICU is the OR.” *Journal of Trauma and Acute Care Surgery,* 2013, 74, 871-875.
2. Wang M-L, Schuster KM, Bhattacharya B, Maung AA, Kaplan LJ, **Davis KA**. “Repositioning endotracheal tubes in the intensive care unit: depth of changes poorly correlate with postrepositioning radiographic location.” *Journal of Trauma and Acute Care Surgery*, 2013, 75, 146-149.
3. Ditillo MF, Pandit V, Rhee P, Aziz H, Bhattacharya B, Friese RS, **Davis KA,** Joseph B. “Obesity predisposes trauma patients to worse outcomes: A National Trauma Data Bank analysis.” *Journal of Trauma and Acute Care Surgery*, 2014, 76, 176-179.
4. Schuster KM, Barre K, Inzucchi SE, Udelsman R, **Davis KA**. “Continuous glucose monitoring in the Surgical Intensive Care Unit: Concordance with capillary glucose.” *Journal of Trauma and Acute Care Surgery*, 2014, 76, 798-803.
5. Maxfield M, Schuster KM, Bokhari J, McGillicuddy EA, **Davis KA**. “Predictive factors for failure of non-operative management in perforated appendicitis.” *Journal of Trauma and Acute Care Surgery,* 2014, 76, 976-981.
6. Piper GL, Kaplan LJ, Maung AA, Lui FY, Barre K, **Davis KA**. “Using the Rothman index to prevent unplanned SICU readmissions.” *Journal of Trauma and Acute Care Surgery,* 2014, 77, 78-82.
7. Violano P, Driscoll C, Schuster KM, **Davis KA**, Chaudhary NK, Borer E, Winters JK, Hirsh M. “Gun Buyback Programs: A venue to eliminate unwanted guns in the community.” *Journal of* *Trauma and Acute Care Surgery*, 2014, 77, S46-S50.
8. Fonseca AL, Schuster KM, Kaplan LJ, Maung AA, Lui FY, **Davis KA**. “The use of MRI in the diagnosis of suspected appendicitis in pregnancy shortens length of stay without increasing hospital charges. *JAMA-Surgery*, 2014, 149, 687-693.
9. Boyce JM, Sullivan L, Vaughn D, Nuzzo J, **Davis KA**. “A retrospective study of the accuracy of surgical care improvement project metrics for documenting normothermia. *Infect Control Hosp Epidemiol*, 2014, 35, 1408-1410. Epub 2014 Sept 29.
10. **Davis KA**, Dente CJ, Burlew CC, Jurkovich GJ, Reilly PM, Toschlog EA, Cioffi WG. “Refining the operative curriculum of the Acute Care Surgery Fellowship.” *Journal of Trauma and Acute Care Surgery*, 2015, 78, 192-196.
11. Duane TM, Dente CJ, Fildes JJ, **Davis KA**, Jurkovich GJ, Meredith JW, Britt LD. “Defining the Acute Care Surgery curriculum.” *Journal of Trauma and Acute Care Surgery*, 2015, 78, 259-264.
12. **Davis KA**. “EAST 2015 Presidential Address: Look both ways.” *Journal of Trauma and Acute Care Surgery*, 2015, 79, 1-9.
13. Bhattacharya B., Feiber J, Schuster KM, **Davis KA**, Maung AA. “Occult rib fractures diagnosed on CT scan only are still a risk factor for solid organ injury. *Journal of Emergencies, Trauma and Shock,* 2015, 8, 140-143.
14. Samuel AM, Lukasiewica AM, Webb ML, Bohl DD, **Davis KA**, Grauer JN. “ICD-9 diagnosis codes have poor sensitivity on orthopaedic trauma patients, biasing study results: a study of the NTDB.” *Journal of Trauma and Acute Care Surgery,* 2015, 79, 622-630.
15. Bhattacharya B, Young M, **Davis KA**, Leder S. “Cervical collar does not increase incidence of prandial aspiration in acute care trauma patients. *J Spine Care*, 2016, doi: 10.15761/JSC.1000103.
16. Rosenberg G, Bryant AK, **Davis KA**, Schuster KM. “No break point for mortality in pediatric rib fractures.” *Journal of Trauma and Acute Care Surgery,* 2016, 80, 427-432.
17. Bhattacharya B, Maung AA, Schuster KM, **Davis KA**. “The older they are, the harder they fall: Injury patterns and outcomes by age after ground level falls.” *Injury,* 2016, 47, 1955-1599.
18. Maung AA, Bhattacharya B, Schuster KM, **Davis KA**. “Trauma patients on new oral anticoagulation agents have lower mortality than those on warfarin.” *Journal of Trauma and Acute Care Surgery,* 2016, 81, 652-657.
19. Pei KY, Asuzu D, **Davis KA**. “Will laparoscopic lysis of adhesions become the standard of care? Evaluation trends and outcomes in laparoscopic management of small bowel obstruction using the American College of Surgeons National Surgical Quality Improvement Project Database.” *Surgical Endoscopy* 2017, 31, 2180-2186.
20. Jenkins DH, Cioffi WG, Cocanour CS, **Davis KA**, Fabian TC, Jurkovich GJ, Rozycki GS, Scalea TM, Stassen NA, Stewart RM. “Position statement of the Coalition for National Trauma Research (CNTR) on the National Academies of Sciences, Engineering and Medicine (NASEM) report: A National Trauma Care System: Integrating military and civilian trauma systems to achieve zero preventable deaths after injury.” *Journal of Trauma and Acute Care Surgery,* 2016, 81, 816-818.
21. Dalton MK, McDonald E, Bhatia P, **Davis KA**, Schuster KM. “Outcomes of acute care surgical cases performed at night.” *American Journal of Surgery*, 2016, 212, 831-836.
22. Ferrada P, Ivatury RR, Spain DA, **Davis KA,** Aboutanos M, Fildes JJ, Scalea T. “International rotations: A valuable source to supplement operative experience for Acute Care Surgery, Trauma and Surgical Critical Care Fellows.” *Journal of Trauma and Acute Care Surgery,* 2017, 82, 51-57.
23. Burlew CC, **Davis KA**, Fildes JJ, Esposito TJ, Dente CJ, Jurkovich GJ. “Acute Care Surgery fellowship graduates’ current practice: Additional training is an asset. *Journal of Trauma and Acute Care Surgery,* 2017, 82, 208-210.
24. Merola J, Pei K, Rodriguez-Davalos MI, Yoo PS, Mulligan DC, Davis KA. “Attitudes towards organ donation among waitlisted transplant patients: Results of a cross-sectional survey.” *Clinical Transplantation*, 2016, 11, 1449-1456.
25. Pei KY, Merola J, **Davis KA**, Longo WE. “Can residents detect errors in technique while observing central line insertions?” *American Journal of Surgery,* 2017, 213, 1166-1170.
26. Maung AA, Johnson DC, Barre K, Peponis T, Mesar R, Velmahos GC, Kasotakis G, Gross RI, Rosenblatt MS, Sihler KC, Winchell RJ, Cholewczynski, W, Butler KL, Odom SR, **Davis KA**. “Cervical spine MRI in patients with negative CT: A prospective, multicenter study of the Research Consortium of New England Centers for Trauma (RECONECT).” *Journal of Trauma and Acute Care Surgery,* 2017, 82, 263-269.
27. Bhattacharya B, Maung AA, Barre K, Maerz L, Rodriguez-Davalos M, **Davis KA**. “Postoperative delirium is associated with increased ICU and hospital lengths of stay following liver transplantation. *Journal of Surgical Research,* 2017, 207, 223-228.
28. Allen SR, Pascual J, Martin N, Reilly P, Luckianow G, Datner E, **Davis KA**, Kaplan LJ.

“A novel method of optimizing patient and family centered care in the ICU: Family presence on ICU rounds.” *Journal of Trauma and Acute Care Surgery,* 2017, 82, 582-586.

1. Coimbra R, Kozar R, Smith J, Zarzaur B, Hauser C, Moore FA, Bailey J, Valadka A, Jurkovich GJ, Jenkins DH, **Davis KA**, Price MA, Maier RV. “The Coalition for National Trauma Research (CNTR) priorities in trauma research.” *Journal of Trauma and Acute Care Surgery*, 2017, 82, 637-645.
2. **Davis KA**, Fabian TC, Cioffi WG. “The toll of death and disease from traumatic injury in the United States: The ‘neglected disease’ of modern society – still neglected after 50 years.” *JAMA Surgery,* 2017, 152, 221-222.
3. Bhattacharya B, Maung A, Schuster K, **Davis KA**. “Uncertainty among Acute Care Surgery providers does not change with experience.” *Connecticut Medicine,* 2017, 81, 133-139.
4. Zakrison TL, Polk R, Dixon R, Ekeh AP, Gross KR, **Davis KA**, Kurek SJ, Stassen NA, Patel MB. “Four-year analysis of the Eastern Association for the Surgery of Trauma (EAST) mentoring program.” *Journal of Trauma and Acute Care Surgery,* 2017, 83, 165-169.
5. Reddy S, Kelleher M, Bokhari, **Davis KA**, Schuster KM. “**A highly sensitive and specific combined clinical and sonographic score to diagnose appendicitis.”.** *Journal of Trauma and Acute Care Surgery,* 2017, 83, 643-649.
6. Zarzaur BL, Dunn JA, Leininger BE, Lauerman MH, Kaups KL, Samary KR, Mayers JG, Hartwell JL, Bhakta A, Gordy DS, Todd SR, Claridge J, Sperry JL, Teicher EJ, Privette AR, Allawi A, Burlew CC, Maung AM, **Davis KA**, Cogbill TH, Bonne S, Livingston DH, Coimbra R, Kozar RA. “The natural history of splenic vascular abnormalities after blunt injury: A Western Trauma Association Multicenter Trial. *Journal of Trauma and Acute Care Surgery,* 2017, 83, 999-1005.
7. Jean RA, O’Neill KM, Pei KY, **Davis KA**. “Impact of hospital volume on outcomes for laparoscopic adhesiolysis for small bowel obstruction. *Journal of Surgical Research*, 2017, 15, 23-31.
8. Pei KY, **Davis KA**, Zhang Y. “Assessing national trends in laparoscopic colostomy reversal and its association with complications and death.” *Surgical Endoscopy,* 2018, 32, 695-701.
9. Zogg CK, Jiang W, Ottesen TD, Shafi S, Schuster K, Becher R, **Davis KA**, Haider AH. Racial/Ethnic Disparities in Longer-term Outcomes Among Emergency General Surgery Patients: The Unique Experience of Universally-Insured Older Adults. *Annals of Surgery,* 2018, 268, 968-979.
10. Pei KY, Asuzu DT, **Davis KA**. Laparoscopic colectomy reduces complications and hospital length of stay in colon cancer patients with liver disease and ascites. *Surgical Endoscopy*. 2018, 32, 1286-1292.
11. Wengerter BC, Pei KY, Asuzu D, **Davis KA**. Rothman Index variability predicts clinical deterioration and rapid response activation. *American Journal of Surgery*. 2018, 215, 37-41.
12. Coccolini F, Montori G, Catena F, Kluger Y, Biffl W, Moore EE, Reva V, Bing C, Bala M, Fugazzola P, Bahouth H, Marzi I, Velmahos G, Ivatury R, Soreide K, Horer T, Ten Broek R, Pereira BM, Fraga GP, Inaba K, Kashuk J, Parry N, Masiakos PT, Mylonas KS, Kirkpatrick A, Abu-Zidan F, Gomes CA, Benatti SV, Naidoo N, Salvetti F, Maccatrozzo S, Agnoletti V, Gamberini E, Solaini L, Costanzo A, Celotti A, Tomasoni M, Khokha V, Arvieux C, Napolitano L, Handolin L, Pisano M, Magnone S, Spain DA, de Moya M, **Davis KA**, De Angelis N, Leppaniemi A, Ferrada P, Latifi R, Navarro DC, Otomo Y, Coimbra R, Maier RV, Moore F, Rizoli S, Sakakushev B, Galante JM, Chiara O, Cimbanassi S, Mefire AC, Weber D, Ceresoli M, Peitzman AB, Wehlie L, Sartelli M, Di Saverio S, Ansaloni L. Splenic Trauma: WSES classification and guidelins for adult and pediatric patients. *World Journal of Emergency Surgery.* 2017, 18; 12-40.
13. Merola J, Ibarra C, Arnold B, Resio B, Luks V, **Davis KA**, Pei KY. “Prophylactic ureteral stent placement vs no ureteral stent placement during open colectomy.” *JAMA Surgery,* 2018, 153, 87-90.
14. Healy JM, Pei KY, **Davis KA**. “A comparison of internal medicine and surgery residents’ assessments of risk of postsurgical complications in surgically complex patients.” *JAMA Surgery,* 2018, 153, 203-207.
15. Chiu AS, Jean RA, Gorecka J, **Davis KA**, Pei KY. “Trends of ureteral stent usage in surgery for diverticulitis.” *Journal of Surgical Research* 2018, 222, 203-211.
16. Becher RD, **Davis KA**, Rotondo MF, Coimbra R. “The ongoing evolution of Emergency General Surgery as a Surgical Subspecialty.” *Journal of the American College of Surgeons,* 2018, 226, 194-200.
17. Chiu AS, Jean RA, **Davis KA**, Pei KY. “Impact of race on the surgical management of adhesive small bowel obstruction.” *Journal of the American College of Surgeons,* 2018, 226, 968-976.
18. Vera K, Pei KY, Schuster KM, **Davis KA**. “Validation of a new American Association for the Surgery of Trauma (AAST) anatomic severity grading system for acute cholecystitis.” *Journal of Trauma and Acute Care Surgery,* 2018, 84, 650-654.
19. Harrington AW, Pei KY, Assi R, **Davis KA**. “External validation of University of Wisconsin’s clinical criteria for obtaining maxillofacial computed tomography in trauma.” *Journal of Craniofacial Surgery.* 2018, 29, e167-e170.
20. Pei KY, Zhang Y, Sarac T, **Davis KA**. “Comparison of outcomes in below-knee amputations between vascular and general surgeons.” *Annals of Vascular Surgery.* 2018, 50, 259-268.
21. Asuzu D, Pei KY, Davis KA. “A simple predictor of postoperative complications after open surgical adhesiolysis for small bowel obstruction.” *American Journal of Surgery*. 2018, 216, 67-72.
22. Kamboj M, Childers T, Sugalski J, Antonelli D, Bingener-Casey J, Cannon J, Cluff K, **Davis KA**, Dellinger EP, Dowdy SC, Duncan K, Fedderson J, Glasgow R, Hall B, Hirsch M, Hutter M, Kimbro L, Kuvshinoff B, Makary M, Morris M, Nehring S, Ramamoorthy S, Scott R, Sovel M, Strong V, Webster A, Wick E, Aguilar JG, Carlson R, Sepkowitz K. “Risk of Surgical Site Infection (SSI) following colorectal resection is higher in patients with disseminated cancer: An NCCN Member Cohort Study. *Infection Control and Hospital Epidemiology,* 2018, 39,555-562.
23. DeWane MP, **Davis KA**, Schuster KM, Maung AA, Becher RD. “Venous thromboembolism-related readmission in emergency general surgery patients: A role for prophylaxis upon discharge?” *Journal of the American College of Surgeons*. 2018, 226, 1072-1077.
24. Brandt WS, Wood J, Bhattacharya B, Pei K, **Davis KA**, Schuster K. “Relationship between duration of preoperative symptoms and postoperative ileus for small bowel obstruction. *Journal of Surgical Research,* 2018, 225, 40-44.
25. Pei KY, Healy J, **Davis KA**. “Surgeons overestimate postoperative complications and death when compared with the National Surgical Quality Improvement Project risk calculator. *Journal of Surgical Research,* 2018, 225, 95-100.
26. DeWane MP, **Davis KA**, Schuster KM, Erwin SP, Becher RD. “Transfer status: A significant risk factor for mortality in Emergency General Surgery patients requiring colon resection. *Journal of Trauma and Acute Care Surgery* 2018, 85, 348-353.
27. Hsiang W, MeGeoch C, Lee S, Cheung W, Becher R, **Davis KA**, Schuster KM. “The effect of insurance type on access to inguinal hernia repair under the Affordable Care Act.” *Surgery* 2018 Aug;164(2):201-205.
28. Henry SM, **Davis KA**, Morrison JJ, Scalea TM. “Can necrotizing soft tissue infection be reliably diagnosed in the emergency department?” *Trauma Surgery and Acute Care Open* 2018 Jan 13;3(1):e000157. doi: 10.1136/tsaco-2017-000157. eCollection 2018.
29. Maung AA, Becher RD, Schuster KM, **Davis KA**. “When should screening of pediatric trauma patients for adult behaviors start?” *Trauma Surgery and Acute Care Open* 2018 Apr 9;3(1):e000181. doi: 10.1136/tsaco-2018-000181. eCollection 2018.
30. **Davis KA** and Tasik C. “Connecticut Chapter of the ACS: A reflection on our first 50 years.” *Connecticut Medicine* 2018, 82, 525-526.
31. Lavorgna KA and **Davis KA**. “Connecticut Women in Surgery: Looking back, going forward.” *Connecticut Medicine* 2018, 82, 535-537.
32. Gillaspie DB, **Davis KA**, Schuster KM. “Total bilirubin trend as a predictor of common bile duct stones in acute cholecystitis and symptomatic cholelithiasis.” *American Journal of Surgery* 2019, 217, 98-102.
33. Zogg CK, Jiagn W, Ottesen TD, Shafi A, Schuster K, Becker R, **Davis KA**, Haider AH. “Racial/ethnic disparities in longer-term outcomes among Emergency General Surgery Patients: the unique experience of universally insured older adults.” *Annals of Surgery*. 2018, 268, 968-979.
34. [West MA](https://www.ncbi.nlm.nih.gov/pubmed/?term=West%20MA%5BAuthor%5D&cauthor=true&cauthor_uid=30004923), [Hwang S](https://www.ncbi.nlm.nih.gov/pubmed/?term=Hwang%20S%5BAuthor%5D&cauthor=true&cauthor_uid=30004923), [Maier RV](https://www.ncbi.nlm.nih.gov/pubmed/?term=Maier%20RV%5BAuthor%5D&cauthor=true&cauthor_uid=30004923), [Ahuja N](https://www.ncbi.nlm.nih.gov/pubmed/?term=Ahuja%20N%5BAuthor%5D&cauthor=true&cauthor_uid=30004923), [Angelos P](https://www.ncbi.nlm.nih.gov/pubmed/?term=Angelos%20P%5BAuthor%5D&cauthor=true&cauthor_uid=30004923), [Bass BL](https://www.ncbi.nlm.nih.gov/pubmed/?term=Bass%20BL%5BAuthor%5D&cauthor=true&cauthor_uid=30004923), [Brasel KJ](https://www.ncbi.nlm.nih.gov/pubmed/?term=Brasel%20KJ%5BAuthor%5D&cauthor=true&cauthor_uid=30004923), [Chen H](https://www.ncbi.nlm.nih.gov/pubmed/?term=Chen%20H%5BAuthor%5D&cauthor=true&cauthor_uid=30004923), [**Davis KA**](https://www.ncbi.nlm.nih.gov/pubmed/?term=Davis%20KA%5BAuthor%5D&cauthor=true&cauthor_uid=30004923), [Eberlein TJ](https://www.ncbi.nlm.nih.gov/pubmed/?term=Eberlein%20TJ%5BAuthor%5D&cauthor=true&cauthor_uid=30004923), [Fong Y](https://www.ncbi.nlm.nih.gov/pubmed/?term=Fong%20Y%5BAuthor%5D&cauthor=true&cauthor_uid=30004923), [Greenberg CC](https://www.ncbi.nlm.nih.gov/pubmed/?term=Greenberg%20CC%5BAuthor%5D&cauthor=true&cauthor_uid=30004923), [Lillemoe KD](https://www.ncbi.nlm.nih.gov/pubmed/?term=Lillemoe%20KD%5BAuthor%5D&cauthor=true&cauthor_uid=30004923), [McCarthy MC](https://www.ncbi.nlm.nih.gov/pubmed/?term=McCarthy%20MC%5BAuthor%5D&cauthor=true&cauthor_uid=30004923), [Michelassi F](https://www.ncbi.nlm.nih.gov/pubmed/?term=Michelassi%20F%5BAuthor%5D&cauthor=true&cauthor_uid=30004923), [Numann PJ](https://www.ncbi.nlm.nih.gov/pubmed/?term=Numann%20PJ%5BAuthor%5D&cauthor=true&cauthor_uid=30004923), [Parangi S](https://www.ncbi.nlm.nih.gov/pubmed/?term=Parangi%20S%5BAuthor%5D&cauthor=true&cauthor_uid=30004923), [Reyes JD](https://www.ncbi.nlm.nih.gov/pubmed/?term=Reyes%20JD%5BAuthor%5D&cauthor=true&cauthor_uid=30004923), [Sanfey HA](https://www.ncbi.nlm.nih.gov/pubmed/?term=Sanfey%20HA%5BAuthor%5D&cauthor=true&cauthor_uid=30004923), [Stain SC](https://www.ncbi.nlm.nih.gov/pubmed/?term=Stain%20SC%5BAuthor%5D&cauthor=true&cauthor_uid=30004923), [Weigel RJ](https://www.ncbi.nlm.nih.gov/pubmed/?term=Weigel%20RJ%5BAuthor%5D&cauthor=true&cauthor_uid=30004923), [Wren SM](https://www.ncbi.nlm.nih.gov/pubmed/?term=Wren%20SM%5BAuthor%5D&cauthor=true&cauthor_uid=30004923). “Ensuring Equity, Diversity, and Inclusion in Academic Surgery: An American Surgical Association White Paper. *Annals of Surgery* 2018, 268, 403 – 407.
35. Zogg CK, Schuster KM, Maung AA, **Davis KA**. “Insurance status biases trauma-system utilization and appropriate interfacility transfer: National and longitudinal results of adult, pediatric and older adult patients. *Annals of Surgery*. 2018, 268, 681-689.
36. Zogg CK, Scott JW, Bhulani N, Gluck AR, Curfman GD, **Davis KA**, Dimick JB, Haider AH. Impact of ACA Insurance Expansion on Pre-Hospital Access to Care: Changes in Adult Perforated Appendix Admission Rates Following Medicaid Expansion and the Dependent Coverage Provision. *J Am Coll Surg* 2019, 288:29-43.
37. Hsiang WR, McGeoch C, Lee S. Cheung W, Becher R, Davis KA, Schuster KM. Opioid dependency is independently associated with inferior clinical outcomes after trauma. *Injury* 2019, 50, 192-196.
38. Knowlton LM, Minei J, Bernard A, **Davis KA**, Doucet J, Haider A, Scherer T, and Staudenmayer KL. The economic footprint of Acute Care Surgery in the United States: Implications for systems development. *J Trauma Acute Care Surgery* 2019, 86, 609-616.
39. Schuster KM, **Davis KA**, Hernandez MC, Holena D, Salim A, Crandall MC. American Association for the Surgery of Trauma emergency general surgery guidelines gap analysis. *J Trauma Acute Care Surgery* 2019, 86, 909-915.
40. DeWane MP, Davis KA, Schuster KM, Maung AA, Becher RD. Rethinking our definition of operative success: Predicting early mortality after emergency general surgery colon resection. Trauma Surg Acute Care Open 2019 May 15;4(1):e000244. doi: 10.1136/tsaco-2018-000244. eCollection 2019.
41. Becher RD, DeWane MP, Sukumar N, Stolar MJ, Gill TM, Becher RM, Maung AA, Schuster KM, **Davis KA**. Hospital operative volume and quality indication for general surgery operations performed emergently in geriatric patients. *J Am Coll Surg* 2019, 228, 910-923.
42. DeWane MP, Sukumar N, Stolar MJ, Gill RM, Maung AA, Schuster KM, **Davis KA**, Becher RD. “High-performance acute care hospitals: Excelling across multiple emergency general surgery operations in the geriatric patient.” *J Trauma Acute Care Surgery* 2019, 87, 140-146.
43. DeWane MP, Sukumar N, Stolar MJ, Gill TM, Maung AA, Schuster KM, **Davis KA**, Becher RD. “Top-tier emergency general surgery hospitals: Good at one operation, good at them all.  *J Trauma Acute Care Surgery* 2019, 87, 289-296.
44. Becher RD, DeWane MP, Sukumar N, Stolar MJ, Gill TM, Maung AA, Schuster KM, **Davis** **KA**. Evaluating mortality outlier hospitals to improve the quality of care in emergency general surgery. *J Trauma Acute Care Surgery* 2019, 87, 297 – 306.
45. Staudenmayer K, Bernard A, **Davis KA**, Doucet J, Haider A, Scherer T, Minei JP. The current and future economic state of acute care surgery. *J Trauma Acute Care Surg*. 2019, 87, 413-419.
46. Bernard A, Staudenmayer K, Minei JP, Doucet J, Haider A, Scherer T, **Davis KA**. Macroeconomic trends and practice models impacting acute care surgery. *Trauma Surg Acute Care Open*. 2019 Apr 11;4(1):e000295. doi: 10.1136/tsaco-2018-000295. eCollection 2019.Zogg CK, Scott JW, Metcalfe D, Gluck AR, Curfman GD, **Davis KA**, Dimick JB, Haider AH. Association Between Medicaid Eligibility and Gains in Access to Rehabilitative Care. *JAMA Surg* 2019, 154(5), 402-411.
47. Zogg CK, Herrera-Escobar JP, Uribe-Leitz TK, Bhulani NK, Shafi S, Ordoñez CA, **Davis KA**, Haider AH. The “Hispanic Paradox” Exists in Emergency Conditions: Better of Equivalent Surgical Outcomes Among US Hispanic Emergency General Surgery Patients. *Panamerican Journal of Trauma, Critical Care & Emergency Surgery* 2018, *in press.*
48. Leder SB, Warner HL, Suiter DM, Young NO, Bhattacharya B, Siner JM, **Davis KA**, Maerz LL, Rosenbaum SH, Marshall PS, Pisani MA, Siegel MD, Brennan JJ, Schuster KM. Evaluation of swallow function post-extubation: Is it necessary to wait 24 hours? *Annals of Otolaryngology, Rhinology and Laryngology* 2019 128(7):619-624.
49. Becher RD, DeWane MP, Sukumar N, Stolar MJ, Gill TM, Maung AA, Schuster KM, **Davis KA**. Hospital volume and operative mortality for general surgery operations performed emergently in adults. *Annals of Surgery* 2020, 272(2), 288-303.
50. Warren MH, Bhattacharya B, Maung AA, **Davis KA**. Current management of spontaneous retroperitoneal and rectus sheath hematomas. *American Journal of Surgery*. 2019 219(4):707-710.
51. Liu JY, Hu QL, Lamaina M, Hornor MA,**Davis K**, Reinke C, Peden C, Ko CY, Wick E, Maggard-Gibbons M. Surgical technical evidence review for acute cholecystectomy conducted for the AHRQ Safety Program for Improving Surgical Care and Recovery. *Journal of the American College of Surgeons* 2020, 230(3), 340-354.e1.
52. Gayed BN, Zarzaur BL, Livingston DH, Chiu WC,**Davis KA**, Tisherman SA, Alam HB, Spain DA. Mapping the increasing interest in acute care surgery – who, why and which fellowship. *Journal of Trauma and Acute Care Surgery* 2020, 88(5), 629-635.
53. Becher RD, Sukumar N, DeWane MP, Gill TM, Maung AA, Schuster KM, Stolar MJ, **Davis KA.** Regionalization of emergency general surgery operations: A Simulation study. *Journal of Trauma and Acute Care Surgery*. 2020, 230(6), 966-973.
54. Becher RD, Sukumar N, DeWane MP, Stolar MJ, Gill TM, Schuster KM, Maung AA, Zogg CK, **Davis KA**. Hospital variation in geriatric surgical safety for emergency operation. *Journal of the American College of Surgeons*. 2020, 230(6), 966-973.
55. McCrum ML, **Davis KA**, Kaafarani H, Santry H, Shafi S, Crandall M. Current opinion on emergency general surgery transfer and triage criteria. *Journal of Trauma and Acute Care Surgery* 2020 Sep;89(3):e71-e77.
56. Michetti CP, Burlew CC, Bulger EM, **Davis KA**, Spain DA. Performing tracheostomy during the COVID-19 pandemic: guidance and recommendations from the Critical Care and Acute Care Surgery Committees of the American Association for the Surgery of Trauma. *Trauma Surg Acute Care Open* 2020;5:e000482.
57. **Davis KA**, Kaplan LJ. Out of darkness. *Annals of Surgery* 2020, 272(3), e211-2.
58. Hsiang WR, Najem M, YousmanL, Jin G, Mosier-Mills A, Khunte A, Forman HP, Wiznia D, **Davis KA**, Schuster KM. Urgent care centers delay emergent surgical care based on patient insurance status in the United States. *Annals of Surgery* 2020, 272(4), 548-553.
59. Asmar S. Kulvatunyou N, **Davis KA**, Joseph B. Virtual interviews for surgical critical care fellowships and Acute Care fellowships amid the COVID-19 pandemic: The show must go on. *J Trauma Acute Care Surg*. 2020, 89(4), e92-e94.
60. Schuster KM, Sanghvi M, O'Connor R, Becher R, Maung AA,**Davis KA.** Spirometery not pain level predicts outcomes in geriatric patients with isolated rib fractures.*Journal of Trauma and Acute Care Surgery* 2020, 89(5), 947-954.
61. Brown CV, Joseph B, **Davis KA**, Jurkovich GJ. Modifiable factors to improve work-life balance for trauma surgeons. *J Trauma Acute Care Surg* 2020, 90, 122-128.
62. Pieracci FM, Burlew CC, Spain DA, Livingston DH, Bulger EM, **Davis KA**, Michetti CP. Tube thoracostomy during the COVID-19 pandemic: Guidance and recommendations from the AAST Acute Care Surgery and Critical Care Committees. *Trauma Surg Acute Care Open* 2020;**5**:e000498
63. Bhattacharya B, Askari R,**Davis KA**, Dorfman J, Eid AI, Elsharkawy AE, Kasotakis G, Mackey S, Odom S, Okafor BU, Rosenblatt M, Ruditsky A, Velmahos G, Maung AA. The effect of anticoagulation on outcomes after liver and spleen injuries: A research consortium of New England centers for trauma (reconnect) study. *Injury*. 2020, 51(9), 1994-1998.
64. Lumas SG, Hsiang W, Becher RD, Maung AA, **Davis KA**, Schuster KM. Choosing the best approach to warfarin reversal after traumatic intracranial hemorrhage. *Journal of Surgical Research* 2020, 260, 369-379.
65. Boffa DJ, Judson BL, Billingsley KG, Galetta D, Fontanez P, Odermatt C, Lindner K, Mitchell MR, Henderson CM, Carafeno T, Pinto J, Wagner J, Ancuta M, Beley P, Turner AL, Banack T, Laurans MS, Johnson DC, Yoo P, Morton JM, Zurich H, **Davis KA**, Ahuja N. Pandemic recovery using a Covid-minimal cancer surgery pathway. *Annals of Thoracic Surgery*. 2020, 272(6), e316-e320.
66. Feler J, Maung AA, O’Connor R, **Davis KA**, Gerrard J. Sex-based differences in helmet performance in bicycle trauma. *Journal of Epidemiology and Community Health*. 2021, 75, 994-1000.
67. Bhattacharya B, Becher RD, Schuster KM, **Davis KA**, Maung AA. Anticoagulation is associated with increased mortality in splenic injuries. *Journal of Surgical Research* 2021, 266, 1-5.
68. Velmahos GC, Demetriades D, Mahone E, Burke P, Davis KA, Larentzakis A, Fikry K, El Moheb M, Kovach S, Schreiber M, Hassan M, Albrecht R, Dennis A. The worst-case scenario: Bridging repair with a biological mesh in high-risk patients with very large abdominal wall hernias – A prospective multicenter study. *Surgery* 2021, 169, 318-324.
69. Linderman GC, Lin W, Becher RD, Maung AA, Bhattacharya B, **Davis KA**, Schuster KM. Increased mortality with REBOA only mitigated by strong unmeasured confounding: An expanded analysis using the National Trauma Data Bank. *Journal of Trauma and Acute Care Surgery* 2021, 91, 790-797.
70. Jean RA, O’Neill KM, Johnson DC, Becher RD, Schuster KM, **Davis KA**, Maung AA. Race, ethnicity and sex disparities in blood alcohol testing after trauma. *Journal of Surgical Research* 2022, 273, 192-200.
71. Becher RD, Jin L, Warren JL, Gill TM, DeWane MP,**Davis KA**, Zhang Y. Geographic variation in the utilization of and mortality after emergency general surgery operations in the Northeastern and Southeastern United States. *Annals of Surgery* 2022, 275, 340-347.
72. O’Neill KM, Jean RA, Dodington J, Davis KA, Becher RD. Evaluation of firearm-related reinjury in Connecticut: An opportunity for gun violence prevention. *Journal of Surgical Research* 2022, 274, 23-30.
73. Linderman G, Lin W, Sanghi MR, Becher RD, Maung AA, Bhattacharya B, **Davis KA**, Schuster KM. Improved outcomes using laparoscopy for emergency colectomy after mitigating bias by negative control exposure analysis. *Surgery* 2022, 171, 305-311.
74. Zogg CK, Metcalfe D, Judge A, Perry DC, Costa ML, Gabbe BJ, Schoenfeld AJ, **Davis KA**, Cooper Z, Lichtman JH. Learning from England’s Best Practice Tariff: Process Measure Pay-for-Performance Can Improve Hip Fracture Outcomes. *Ann Surg* 2022, 275, 506-514.
75. Martin RS, Lester E, Ross SW, **Davis KA**, Scherer TLR, Minei JP, Staudenmayer KL on behalf of the AAST Healthcare Economics Committee. Value in Acute Care Surgery, Part 1: Methods of quantifying costs. *Journal of Trauma and Acute Care Surgery* 2022, 92, e1-e9.
76. Scott JW, Ayoung-Chee P, Lester ELW, Bruns BR, Davis KA, Gore A, Knowlton LM, Liu C, Martin RS, Oh EJ, Ross SW, Wandline M, Minei JP and Staudenmayer K on behalf of the AAST Healthcare Economics Committee. Data resources for evaluating the economic and financial consequences of surgical care in the United States. *Journal of Trauma and Acute Care Surgery* 2022, 93, e17-e29.
77. Ross SW, Wandling M, Bruns BR, Martin RS, Scott JW, Doucet J, **Davis KA**, Staundenmayer KL, Minei JP on behalf of the AAST Healthcare Economics Committee. Value in Acute Care Surgery Part 2: Defining and Measuring quality outcomes. *Journal of Trauma and Acute Care Surgery* 2022, 93, e30-39.
78. Zogg CK, Becher RD, Dalton M, Hirji S, **Davis KA**, Salim A, Cooper Z, Jarman M. Defining referral regions for inpatient trauma care: The utility of a novel geographic definition. *Journal of Surgical Research* 2022, 275, 115-128.
79. Zogg CK, Metcalfe D, Sokas CM, Dalton MK, Hirji SA, **Davis KA**, Haider AH, Cooper Z, Lichtman JH. Reassessing the July Effect: 30 Years of Evidence Show No Difference in Outcomes. *Annals of Surg* 2023, 277, e204-e211.
80. Zogg CK, Schuster KM, Maung AA, **Davis KA**. The Extent to Which Geography Explains One of Trauma’s Troubling Trends: Insurance-Based Differences in Appropriate Inter-Facility Transfer. *Journal of Trauma and Acute Care Surgery* 2022, 93, 686-694.
81. Dumas RP, Bankhead BK, Coleman JR, Dhillon NK, Meizoso JP, Bessoff K, Butler WJ, Stickland M, Dultz LA, **Davis KA**, Bulger EM, Reilly PM, Croce MA, Spain DA, Livingston DH, Brasel K, Coimbra R, Knowlton LM. “Developing and leading a sustainable organization for early Acute Care Surgeons: Lessons learned for the inaugural AAST Associate Member Council. *Journal of Trauma and Acute Care Surgery* 2022, 93, e143-e146.
82. Mohseni S, Bass GA, Forssten MP, Casas IM, Martin M, **Davis KA**, Haut E, Sugrue M, Hunihara H, Sarani B, Cao Y, Coimbra RC. “Common bile duct stone management: A network meta-analysis.” *Journal of Trauma and Acute Care Surgery* 2022, 93, e155-e165.
83. Zogg CK, Staudenmayer KL, Kodadek LM, **Davis KA**. “Reconceptualizing high-quality emergency general surgery care: Non-mortality-based quality metrics enable meaningful and consistent assessment. *Journal of Trauma and Acute Care Surgery* 2023, 94, 68-77.
84. Ali Y, **Davis KA**, Chiu W, Cioffi WG, Luchette FA, Tisherman S, Spain D. “Contributions of the SCCPDS to the Training of Surgeons.” *Journal of Trauma and Acute Care Surgery* 2023, 94, e29-32.
85. Bhattacharya B, O’Connor R, Becher RD, Schuster KM, **Davis KA**, Maung AA. Occult Traumatic Pneumothorax: Is Routine Follow Up Chest X-ray Necessary? *Surgery in Practice and Science,* 2022, doi.org/10.1016/j.sipas.2022.100073.
86. Kodadek LM, Moore MS, Miller SM, Schneider EB, Ahuja V, Maerz LL, Davis KA. “Palliative care in a pandemic: A multicenter cohort of critically ill patients with Coronavirus disease 2019. Surg Infect (Larchmt) 2023, 24, 190-198.
87. Guerra ME, Chiu AS, Chilakamarry S, Jean R, Brandt WS, Ruangvoravat L, **Davis KA**. “Risk factors for the failure of on-operative management among patients admitted for colonic diverticulitis. *The American Surgeon* 2023, 89, 4552-4558.
88. Scott JW, Cole FJ, Jensen A, **Davis KA**, Dutton R, Hamad D, Groner JI, Jacobs DC, Mandell SP, Nathens A, Ross SW, Williams RF. “TQIP Mortality Reporting System Care Reports: Unanticipated Mortality due to Airway Loss.” *Journal of Trauma and Acute Care Surgery* 2023, 94, 735-738.
89. Williams RF, **Davis KA**, Jensen A, Cole FJ, Dutton R, Hamad D, Groner JI, Jacobs DC, Mandell SP, Nathens A, Ross SW, Scott JW. “TQIP Mortality Reporting System Care Reports: Unanticipated Mortality due to Failures in Clinical Performance.” *Journal of Trauma and Acute Care Surgery* 2023, 94, 747-749.
90. Williams RF, Mandell SP, Jensen A, Cole FJ, **Davis KA**, Dutton R, Hamad D, Groner JI, Jacobs DC, Mandell SP, Nathens A, Ross SW, Scott JW. “TQIP Mortality Reporting System Care Reports: Unanticipated Mortality due to Communication and Handoff Failures.” *Journal of Trauma and Acute Care Surgery* 2023, 94, 739-742.
91. Ross SW, Jacobs DG, Jensen A, Cole FJ, **Davis KA**, Dutton R, Hamad D, Groner JI, Mandell SP, Nathens A, Ross SW, Scott JW, Williams RF. “TQIP Mortality Reporting System Care Reports: Unanticipated Mortality due to Inadequate preoperative ICU Clearance.” *Journal of Trauma and Acute Care Surgery* 2023, 94, 743-746.
92. Kodadek LM, Moore MS, Miller SM, Schneider EB, Ahuja V, Maerz LL, **Davis KA**. Palliative Care in a Pandemic: A Multicenter Cohort of Critically Ill Patients with Coronavirus Disease 2019. *Surg Infect*, 2023, 24, 190-198.
93. Jones T, Bhattacharya B, Schuster KM, Becher RD, Kodadek LM, **Davis KA**, Maung AA. “Alcohol withdrawal syndrome in trauma patients: A study using the Trauma Quality Program Participant User fine.” *Trauma Surg Acute Care Open* 2023, 0, e001047*.*
94. Cardenas TC, Trust MD, Davis KA, Joseph BA, Jurkovich GJ, Brown CV. “Effects of gender on work-life balance satisfaction among trauma surgeons: A survey study.” *American Journal of Surgery* 2024, 227, 44-47.
95. Coleman JJ, **Davis KA**, Savage SA, Staudenmayer K, Coimbra R. “Emergency General Surgery Verification: Quality improvement and the case for optimal resources and process standards.” *Journal of Trauma and Acute Care Surgery* 2024, 96, e1-e4.
96. Sznol JA, Becher R, Maung A, Bhattacharya B, **Davis KA**, Schuster KM. “Routine postoperative labs and healthcare system burden in acute appendicitis.” *American Journal of Surgery*, 2023, 226, 571-577.
97. Zogg CK, Falvey JR, Kodadek LM, Staudenmayer KL, **Davis KA**. The interaction between geriatric and neighborhood vulnerability: Delineating prehospital risk among older adult general surgery patients. *Journal of Trauma and Acute Care Surgery* 2024 Mar 1;96(3):400-408. doi: 10.1097/TA.0000000000004191. Epub 2023 Nov 13.
98. Zogg CK, Cooper Z, Peduzzi P, Falvey JR, Castillo-Angeles M, Kodadek LM, Staudenmayer KL, **Davis KA**, Tinetti ME, Lichtman JH. “Changes in older adult trauma quality when evaluated using longer-term outcomes vs. in-hospital mortality. JAMA Surgery 2023, Dec 1;158(12):e234856. doi: 10.1001/jamasurg.2023.4856. Epub 2023 Dec 13.
99. Fitzgerald CA, Dumas RP, Cripps MW, Gurney JM, **Davis KA**, Knowlton LM. “Managing career transitions in the profession of acute care surgery.” *Trauma Surg Acute Care Open*. 2024 Apr 9;9(1):e001334. doi: 10.1136/tsaco-2023-001334. eCollection 2024.
100. Knowlton LM, Scott JW, Dowzicky P, Murphy P, **Davis KA**, Staundenmayer K, Martin RS. “Financial toxicity part II: A practical guide to measuring and tracking long-term financial outcomes among acute care surgery patients.” *Journal of Trauma and Acute Care Surgery* 2024 Jun 1;96(6):986-991. doi: 10.1097/TA.0000000000004310. Epub 2024 Mar 13.
101. Ayoung-Chee PR, Gore AV, Bruns B, Knowlton LM, Nahmias J, Davis KA, Leichtle S, Ross SW, Scherer LR 3rd, Velopulos C, Martin RS, Staudenmayer KL, AAST Health Economics Committee. “Value in Acute Care Surgery Part 3: Defining value in Acute Care Surgery – it depends on the perspective.” *Journal of Trauma and Acute Care Surgery* 2024 May 6. doi: 10.1097/TA.0000000000004347. Online ahead of print.

**Case Reports, Technical Notes, Letters**

1. Malaisrie SC, Borge MA, Glynn LA, Santaniello JM, Esposito TJ, **Davis KA** and Luchette FA. “Combined percutaneous and angiographic thrombosis of a traumatic hepatic artery pseudoaneurysm in a child.” *Journal of Trauma*, 2005, 59, 1025-1028.
2. **Davis KA**. Reply to Silvestri L, van Saena HKF, Sarginson RE, Gullo A. “Selective decontamination of the digestive tract and ventilator associated pneumonia: we cannot let misinformation go uncorrected.” *Journal of Intensive Care Med* 2007, 22, 183.
3. **Davis KA.** Reply to Chan L-N and Munoz AJ, Butsch WS, Morgan SL et al. “Nutritional gain versus financial gain: the role of metabolic carts in the surgical ICU. *Journal of Trauma* 2007, 62, 1540.
4. **Davis KA**. Reply to Antonaglia A, Ristagno G, Berlot G. “Procedural and clinical data plus electrocardiographic guidance greatly reduce the need for routine chest radiograph following central line placement.” *Journal of Trauma* 2008, 64, 542.
5. **Davis KA**. “CT to exclude necrotizing soft tissue infection: Not quite ready for prime time?” **Invited commentary**. *Archives of Surgery*, 2010, 145(5), 455.
6. Schuster KM, **Davis KA**. Response to “Pulseless electrical activity, focused abdominal sonography for trauma and cardiac contractile activity as predictors of survival after trauma.” Journal of Trauma, 2010, 68, 1270.
7. **Davis KA**. Reply to Salahi LE. “Who should be the first line of management of trauma patients: Trauma surgeons or emergency medicine specialists?” *Journal of Trauma*, 2011, 70, 264.
8. **Davis KA**. **Invited Editorial Comment** to Requarth JA, D’Agostino RB, Miller PR. “Nonoperative management of adult blunt splenic injury with and without splenic artery embolization: A meta-analysis”. *Journal of Trauma*, 2011, 71, 903.
9. Maung AA, Kaplan LJ, **Davis KA**. Reply to Andrews PL, Scalea T and Habashi NM. “Re: What’s in a name? Mechanical ventilation is at the mercy of the operator.” *Journal of Trauma* 2013, 74, 1378.
10. Joseph B, Ditillo MF, Pandit V, Aziz H, Sadoun M, Hays D, **Davis KA**, Friese RS, Rhee P. “Dabigatran therapy: Minor trauma injuries are no longer minor.” *The American Surgeon*, 2014, 80, E116-118.
11. **Davis KA**. **Invited Expert Commentary** on Jung MJ, Lee JY, Lee KW, Lee JG. “A case of small bowel obstruction after large mesenteric hematoma in blunt abdominal trauma.” *Journal of Trauma and Acute Care Surgery,* 2016, 80, 347-349.
12. Brandt W, Maxfield MW, Kim AW, **Davis KA**. Necrotizing soft tissue infection of the chest wall. *Trauma Surg Acute Care Open*, 2016 May 31, DOI: 10.1136/tsaco-2016-000005.
13. Kaplan LJ, Johnson DC, Livingston DH, **Davis KA**. “Lethality of necrotizing soft tissue infections after blunt rectal injury. *Surgical Infections Case Reports,* 2016, 1, 66-68. DOI: 10.1089/crse.2016.0014.
14. **Davis KA. Invited Editorial Critique** to Daniel VT, Rushing AP, Ingraham AM et al., “Association between operating room access and mortality for life-threatening general surgery emergencies. Journal of Trauma and Acute Care Surgery 2019, 87, 42
15. Schenck CS, Lokeshwar SD, Riedel MD, **Davis KA**. Penetrating deep pelvic injury due to “less lethal” beanbag munitions: A case report and policy implications. *Trauma Surgery and Acute Care Open* 2021, 6, e000754.
16. Zhang Y, Papageorge M, Brandt W, Geirsson A, Bokhari SAH, Becher RD, Davis KA, Lui FY. Tricuspid bullet embolism: Lessons learned from a rare firearm sequellae. *Trauma Surg Acute Care Open* 2021 Feb 25;6(1):e000657. doi: 10.1136/tsaco-2020-000657. eCollection 2021.
17. Brahmandam A, Grubman S, Salem R, Davis KA, Tonnessen BH, Guzman RJ, Ochoa Chaar CI. Placement and retrieval of bilateral iliac vein filters in patients with mega cava. *Journal of Vascular Surgery Cases, Innovation and Technology* 2022, 8, 610-615.

**Invited Reviews**

1. **Davis KA** “Ventilator-Associated Pneumonia: A Review.” *J Intensive Care Medicine* 2006, 21, 211-226.
2. Maerz LL, **Davis KA**, Rosenbaum SH. Trauma. In Afifi S and Hurford W (eds), *International Anesthesiology Clinics “Critical Care: Current challenges and future directions”*. Baltimore: Lippincott, Williams and Wilkins, 2009, 47, 25-36.
3. Schuster KM, **Davis KA**, Rosenbaum SH. Emergent and Urgent Surgery. In Fleisher LA and Rosenbaum SH (eds), *Medical Clinics of North America “Preoperative Medical Consultation”.* Philadelphia: Elsevier Saunders, 2009, 93, 1131-1148.
4. Schuster KM, **Davis KA**, Rosenbaum SH. Emergent and Urgent Surgery. In Fleisher LA and Rosenbaum SH (eds), *Anesthesia Clinics of North America “Preoperative Medical Consultation: A Multidisciplinary Approach”.* Philadelphia: Elsevier Saunders, 2009, 27(4), 787-804.
5. Lui FY, **Davis KA**. Gastroduodenal perforations: Maximal or minimal intervention? *Scandinavian Journal of Surgery*, 2010, 99(2), 73-77.
6. **Davis KA,** Rozycki GS. Acute care surgery in evolution. *Critical Care Medicine*, 2010, 38 (Suppl.), S405-S410.
7. **Davis KA**, Cocanour CS, Rosenbaum SH (**Guest editors**). Current management of the critically ill surgical patient. *Critical Care Medicine*, 2010, 38 (Suppl.).
8. Maung AA and **Davis KA**. Perioperative nutritional support: Immunosuppression, probiotics and anabolic steroids. In Kaplan LK and Rosenbaum SH (eds), *Surgical Clinical of North America “Management of Peri-operative Complications.*” Philadelphia: Elsevier Saunders, 2012, 92(4), 273-283.
9. **Davis KA** and Jurkovich GJ. An update on Acute Care Surgery: Emergence of Acute Care Surgery. ACS Surgery News. **Invited editorial.** June 11, 2015.
10. Bhattacharya G and **Davis KA**. Nuances in the care of urgent splenic injury in the elderly trauma patient. In Luchette FA and Gonzales RP (eds), *Current Geriatrics Reports,* 2016, 5(1), 31-37.
11. **Davis KA**, Jurkovich GJ. “Fellowship training in Acute Care Surgery: from inception to current state. *Trauma Surgery and Acute Care Open,* 2016 May 31;1(1):e000004.
12. Kaml G and **Davis KA**. Surgical critical care for the patient with sepsis and multiple organ dysfunction. In Schonberger R and Rosenbaum SH (eds), *Anesthesiology Clinics “Medically complex patients.”* 2016, 34, 681-696.
13. Bhattacharya B, Pei K, Lui F, Rosenthal R, **Davis, K.A.** “Caring for the Geriatric Combat Veteran at the Veteran Affairs Hospital.” *Current Trauma Reports,* 2017, 3, 62-68.
14. Jurkovich GJ, **Davis KA**, Burlew CC, Dente CJ, Galante JM, Goodwin JS 2nd, Joseph B, de Moya M, Becher RD, Pandit V. Acute care surgery: An evolving paradigm. *Current Problems in Surgery.* 2017 Jul;54(7):364-395. doi: 10.1067/j.cpsurg.2017.05.001. Epub 2017 May 20.
15. Lim R, Beekley, A, Johnson DC, **Davis KA**. Early and late complications of bariatric operations. *Trauma Surg Acute Care Open*. 2018 Oct 9;3(1):e000219. doi: 10.1136/tsaco-2018-000219. eCollection 2018.
16. Sion M, **Davis KA**. Step-up approach for the management of pancreatic necrosis: A review of the literature. *Trauma Surg Acute Care Open*. 2019 May 19;4(1):e000308. doi: 10.1136/tsaco-2019-000308. eCollection 2019. Review.
17. Bhattacharya B, **Davis KA**. “Geriatric trauma systems.” *Current Trauma Reports*, 2021, 7. 8-14.
18. **Davis KA**. Invited commentary on Ross SW, Reinke CE, Ingraham AM et al. Emergency general surgery quality improvement: A review of recommended structure and key issues. *Journal of the American College of Surgeons*.2022, 234, 225-226.
19. **Davis KA.** Invited commentary on Burney CP, Baumann L, Carlos HA, Briggs A. Impact of rurality on geriatric emergency general surgery patients in New Hampshire. *Journal of the American College of Surgeons*. 2023, 236, 1110-1111.
20. **Davis KA**. “Blunt thoracic aortic injury diagnosis and management: Two decades of innovation from Memphis.” *Trauma Surgery & Acute Care Open*2023 **8,** e001084.
21. **Davis KA**. “Healthcare consolidation and the impact on surgical care delivery. *American Journal of Surgery*, 2023, 226, 523.
22. Kodadek LK and **Davis KA**. “Current diagnosis and management of acute colonic diverticulitis: What you need to know.” *Journal of Trauma and Acute Care Surgery* 2024 Mar 21. doi: 10.1097/TA.0000000000004304. Online ahead of print.

**Other invited media**

1. Sakran JV and Davis KA. “Doctors see the wreckage of gun violence every day. We’ve had enough.” *Time Magazine* 2023. https://time.com/6263461/doctors-gun-violence-us-trauma/

**Book Chapters**

1. Hsu MC, Harbison ML, Reinhard GR, Grosz H, and **Davis KA**. "A Model Paramyxovirus Vaccine: Protease Activation Mutants." *In Vaccines '89*, 1989, Lerner, Ginsberg, Chanock and Brown (ed), Cold Spring Harbor Reports, New York, 513‑519.
2. **Davis KA**, Gamelli RL. Fluids and Electrolytes. In: Bland, K.I. *The Practice of General* *Surgery*. Philadelphia: W.B. Saunders Co., 2001.
3. **Davis KA** Soft Tissue Injury. In: Peitzman, A.B.; Rhodes, M.; Schwab, C.W., Yealy, D.M., and Fabian TC (Eds), *The Trauma Manual (Second Edition*). Philadelphia: Lippincott, Willams, and Wilkins, 2002.
4. **Davis KA**, Gamelli RL. Transfusion Therapy in Trauma and Burn Patients. In: Simon T.L., Dzik, W.H., Snyder, E., Stowell, C.P., Strauss, R.G. (Eds), *Rossi’s Principles of Transfusion* *Medicine*. Philadelphia: Lippincott, Willams, and Wilkins, 2002.
5. Santaniello JM, Esposito TJ, Luchette FA, Atkian DK, Silver GM, **Davis KA** and Gamelli RL “**Mechanism of injury does not predict acuity or level of service need:  Field triage criteria revisited.**” In Copeland EM, Bland KI, Cerfolio RJ et al. eds. *Year Book of Surgery 2004*. Philadelphia, PA: Mosby; 2004: 36-37.
6. Santaniello JM, **Davis KA** and Esposito TJ. “The Management of Splenic Trauma. In Cameron, J.L. *Current Surgical Therapy (8th Ed*). Philadelphia: C.V. Mosby, 2004.
7. Santaniello JM, Luchette FA, Esposito TJ, Gunawan H, Reed RLII, **Davis KA** and Gamelli RL “Ten year experience of burn, trauma and combined burn/trauma injuries comparing outcomes.” In Copeland EM, Bland KI, Cerfolio RJ et al. eds. *Year Book of Surgery* 2005*.* Philadelphia, PA: Mosby, 2005, 60-61.
8. Luchette FA, Esposito TJ, **Davis KA**, Poulakidas SJ and Santaniello JM. “Multisystem Blunt Trauma: Head, Chest and Extremity.” *In: Patient Management Problems in Trauma and Critical* *Care* (volume 2, number 2). Hamilton, Ontario: BC Decker Inc., October, 2005.
9. Reed RL II, Luchette FA, **Davis KA,** Esposito TJ, Poulakidas SJ, Santaniello JM, Silver GM, Pyrz K, and Gamelli RL. “Medicare’s Bundling of Trauma Care Codes Violates Relative Value Principles.” In Copeland EM, Bland KI, Cerfolio RJ et al. eds. *Year Book of Surgery* 2005*.* Philadelphia, PA: Mosby, 2005, 36-37.
10. **Davis KA** and Rodriguez A. Soft Tissue Injury. In: Peitzman AB; Rhodes M; Schwab CW and Yealy DM (Eds), *The Trauma Manual (Third Edition)*. Philadelphia: Lippincott, Williams, and Wilkins 2007.
11. **Davis KA** and Gamelli RL. Burns. In: Asensio JA and Trunkey DD (Eds), *Current therapy of* *Trauma and Surgical Critical Care*. Philadelphia: Saunders/Elsevier, 2008.
12. **Davis KA** and Luchette FA. Surgical Techniques for Thoracic, Abdominal, Pelvic and Extremity Damage Control. In: Asensio JA and Trunkey DD (Eds), *Current Therapy of Trauma* *and Surgical Critical Care*. Philadelphia: Saunders/Elsevier, 2008.
13. **Davis KA**, and Gamelli RL. Fluids and Electrolytes. In: Bland, K.I. *The Practice of General* *Surgery, 2nd edition*. Philadelphia: W.B. Saunders Co., 2008.
14. **Davis KA**. Invited Commentary on Adams CA Jr., Biffl WL and Cioffi WG. Wounds, Bites and Stings. In Feliciano DV, Moore EE and Mattox KL. *Trauma, 6th edition*. New York : McGraw Hill, 2008.
15. Lui FY and **Davis KA**. Cardiac arrest and resuscitation. In *Adult Comprehensive Critical Care* *Review*. Society of Critical Care Medicine, 2012.
16. Abbed KA and **Davis KA.** Spinal Column and Spinal Cord Injury. In: Britt LD, Barie P, Jurkovich G and Peitzman A (Eds), *Acute Care Surgery*. Philadelphia: Lippencott, Williams and Wilkins, 2012.
17. Schuster KM and **Davis KA.** Diaphragm. In Mattox KL, Moore EE and Feliciano DV. *Trauma, 7th edition*. New York : McGraw Hill, 2012.
18. Ditillo MF, **Davis KA**. Appendicitis. In: Luchette FL and Yelon JA (Eds), *Geriatric Trauma* *and Emergency Care*. New York: Springer, 2014.
19. Schulz J**, Davis KA** and Gamelli RL. Burns. In: Asensio JA and Trunkey DD (Eds), *Current therapy of* *Trauma and Surgical Critical Care (2nd edition)*. Philadelphia: Saunders/Elsevier, 2015.
20. Piper GL, **Davis KA** and Luchette FA. Surgical Techniques for Thoracic, Abdominal, Pelvic and Extremity Damage Control. In: Asensio JA and Trunkey DD (Eds), *Current Therapy of Trauma* *and Surgical Critical Care (2nd edition)*. Philadelphia: Saunders/Elsevier, 2015.
21. Lui FY, **Davis KA**. Trauma in Pregnancy. In: Mulholland M, Lillemoe K, Doherty F, Upchurch G, Pawlik T and Alam H (Eds), *Greenfield’s Surgery: Scientific Principles and Practice (6th edition).* Philadelphia: Lippencott Williams and Wilkins, 2016.
22. Aydin A, **Davis KA**. Weaning and Extubation. In: Farcy DA, Chiu WC, Marshall JP, Osborn TM (Eds), *Critical Care Emergency Medicine (2nd edition).* New York: McGraw Hill, 2016.
23. Schuster KM, **Davis KA.** Diaphragm. In Moore EE, Feliciano DV and Mattox KL. *Trauma, 8th edition*. New York : McGraw Hill, 2017.
24. Pei KY and Davis KA. “Biliary Disease: Calculous and acalculous cholecystitis. In: Spain DA, Doucet J, Austen KM, Luchette FA, Patterson AJ and Tisherman SA (eds), *Critical Care of the Surgical Patient.* Toronto, Decker Med, 2017.
25. Lueckel SN, **Davis KA**. Critical care implications in Acute Care Surgery. In Yu M, Gabrielli A, Layon AJ and Wood KE (eds), *Civetta, Taylor and Kirby’s Critical Care (5th Edition),* Philadelphia: Lippencott Williams and Wilkins, 2017.
26. Johnson DC, **Davis KA**. Appendicitis. In: Luchette FL and Yelon JA (Eds), *Geriatric Trauma* *and Emergency Care (2nd edition)*. New York: Springer, 2017.
27. Lui FY and **Davis KA**. Cardiac arrest and resuscitation. In *Adult Comprehensive Critical Care* *Review (2nd edition)*. Society of Critical Care Medicine, 2017.
28. Lui FY and **Davis KA.** Trauma and musculoskeletal system dysfunction in critically ill elderly. In: Akhtar S and Rosenbaum S. *Principles of Geriatric Critical Care.* Cambridge: Cambridge University Press, 2018.
29. Oliveira KD and **Davis KA.** Airway Management. In: Britt LD, Barie P, Jurkovich G and Peitzman A (Eds), *Acute Care Surgery (2nd Edition)*. Philadelphia: Lippencott, Williams and Wilkins, in press.
30. Bhattacharya B and **Davis KA**. Assessment and management of acute respiratory distress in the ICU (hypoxia/hypercapnia). In: Salim A, Brown C, Inaba K and Martin M (eds), *Surgical Critical Care Therapy: A Clinically Oriented Practical Approach.* New York: Springer Science, 2018.
31. Johnson DC and **Davis KA**. Ischemic colitis. In: Brown C, Inaba K, Martin M and Salim A, (eds), *Emergency General Surgery: A Practical Approach.* New York: Springer Science, 2018.
32. Godat L, Costantini T and **Davis KA**. Chylothorax. In: Coimbra RC and Galante JM, (eds), *Thoracic Surgery for the Acute Care Surgeon.* New York: Springer Science, 2020.
33. Becher RD and **Davis KA**. What is Acute Care Surgery? In: Davis KA and Coimbra RC, (eds), *Surgical Decision Making in Acute Care Surgery*. New York, Thieme Medical Publishers Inc., 2021.
34. Bhattacharya B and **Davis KA**. Anatomic and physiologic considerations. In: Davis KA and Coimbra RC, (eds), *Surgical Decision Making in Acute Care Surgery*. New York, Thieme Medical Publishers Inc., 2021.
35. Johnson DC and **Davis KA**. “Trauma in Pregnancy”. In Dimick JB, Upchurch GR, Alam HB, Pawlik TM, Hawn M and Sosa JA (eds) *Mulholland and Greenfield's Surgery: Scientific Principles & Practice, 7th edition.* Philadelphia: Wolters Kluwer Health, 2021.
36. Ruangvoravat L and **Davis KA**. “Biliary Disease: Calculous and acalculous cholecystitis. In: Spain DA, Doucet J, Austen KM, Luchette FA, Patterson AJ and Tisherman SA (eds), *Critical Care of the Surgical Patient, 2nd edition.* Toronto, Decker Med, in press.
37. Nassar AK, Spain DS and **Davis KA**. “Assessment of the acute abdomen.” In: Zielinski MD and Guillamondegui O (eds), *The Acute Management of Surgical Disease.* New York: Springer Science, in press.
38. Johnson DC and **Davis KA**. “Bariatric Surgical Emergencies.” In: Zielinski MD and Guillamondegui O (eds), *The Acute Management of Surgical Disease.* New York: Springer Science, in press.
39. Kapil A and **Davis KA**. “Minimally invasive approach to gastrointestinal hemorrhage”. In Coccolini, Podda, Lim and Chiarugi (eds), *Minimally invasive approach in acute care surgery.* New York: Springer Science, in press.
40. Jones, T, Bhattacharya B and **Davis KA**. “Hypovolemic shock.” In Coccolini F and Catena (eds). *Textbook of Emergency General Surgery: Traumatic and non-traumatic surgical emergencies*. New York: Springer Science, in press.
41. Joyce SE and **Davis KA**. Cardiac arrest and resuscitation. In *Adult Comprehensive Critical Care* *Review (3rd edition)*. Society of Critical Care Medicine, in press.
42. Joyce SE and **Davis KA**. Damage Control Laparotomy. In Ellison EC, Upchurch GR, Efron PA et al (eds) ***Fischer’s Mastery of Surgery*, Eighth Edition**, Philadelphia: Wolters Kluwer Health, in press.
43. Ruangvorvat L and **Davis KA**. “Splenectomy and splenorrhaphy.” In Hawn MT, Alvo D, Brown K, Goldberg AJ, Hughes SJ, Pryor AD and Sabel MS (eds). “*Operative techniques in surgery (2nd edition).* Philadelphia: Wolters Kluwer Health, in press.
44. **Davis KA.** Invited commentary on Bass GA, Pascual JL and Kaplan LJ. Respiratory care and ventilation in the Surgical ICU.” In Fischer JE, Ellison EC, Upchurch GR Jr., et al (eds). *Fischer’s Mastery of Surgery (8th edition).* Philadelphia: Wolters Kluwer Health, in press.

**Textbooks**

1. **Davis KA** and Rosenbaum SR (Eds). Surgical Metabolism: Metabolic Care of the Surgical Patient. New York: New York: Springer, 2014.
2. **Davis KA** and Coimbra RC (Eds). Surgical Decision Making in Acute Care Surgery. New York, Thieme Medical Publishers Inc., 2020.
3. **Davis KA** and Rosenbaum SR (Eds). Surgical Metabolism: Metabolic Care of the Surgical Patient (Second Edition). New York: New York: Springer, 2020.

**Guidelines and Consensus Statements**

1. Advanced Trauma Life Support (ATLS®): The Ninth Edition. ATLS Subcommittee; American College of Surgeons’ Committee on Trauma; International ATLS working group. *Journal of Trauma* 2013, 74, 1363-1366.
2. American College of Physicians Smart Medicine. Lui FY and **Davis KA**. “Prevention of surgical site infections.” <http://smartmedicine.acponline.org/content.aspx?gbosId=476&resultClick=3&ClientActionType=SOLR%20Direct%20to%20Content&ClientActionData=Module%20link%20Click>, accessed July 21, 2104. DOI: 10.7326/preopr873.