

September 8, 2020



## CURRICULM VITAE

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

**Appointment:**

**2006** Chief of the Section of General Surgery, Trauma and Surgical Critical Care

**2007** Vice Chairman for Clinical Affairs

**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

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 – present
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 - present

**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:

### 2020

33<sup>rd</sup> 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.

33<sup>rd</sup> 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.

33<sup>rd</sup> 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.

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

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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.

## **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.” Webcast

76<sup>th</sup> 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.



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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**

29<sup>th</sup> 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, 28<sup>th</sup> Annual Eastern Association for the Surgery of Trauma. “Look both ways.” Orlando, Florida

28<sup>th</sup> 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.

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

25<sup>th</sup> 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 2<sup>nd</sup> 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.

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

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

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

20<sup>th</sup> 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, 10<sup>th</sup> 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.

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

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

**2013**

26<sup>th</sup> 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

26<sup>th</sup> 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.

7<sup>th</sup> 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**

14<sup>th</sup> 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

13<sup>th</sup> Annual Connecticut Trauma Conference. “What’s New in Pre-hospital Resuscitation?” 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**

40<sup>th</sup> 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.

96<sup>th</sup> 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.

96<sup>th</sup> 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

68<sup>th</sup> Annual Meeting of the American Association for the Surgery of Trauma. Poster Rounds Professor. Pittsburgh, Pennsylvania

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

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

67<sup>th</sup> Annual Meeting of the American Association for the Surgery of Trauma. Poster Rounds Professor. Maui, Hawaii.

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

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

## **2008**

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

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

18<sup>th</sup> 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 20<sup>th</sup> 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 20<sup>th</sup> Annual Meeting of the Eastern Association for the Surgery of Trauma, “Ventilator-associated pneumonia.” Sanibel, Florida

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

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

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

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

The 16<sup>th</sup> 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 8<sup>th</sup> 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**

**2020**

50<sup>th</sup> 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.

140<sup>th</sup> 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.

78<sup>th</sup> 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.

78<sup>th</sup> 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, Snkumar N, Schuster KM, Maung AA, **Davis KA**, Becher RD. Virtual podium presentation: in person presentation cancelled due to COVID-19.

78<sup>th</sup> 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**

32<sup>nd</sup> 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.



32<sup>nd</sup> 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.

77<sup>th</sup> 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.

77<sup>th</sup> 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.

77<sup>th</sup> 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.

77<sup>th</sup> 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**

13<sup>th</sup> 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.

48<sup>th</sup> 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.

138<sup>th</sup> 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.

31<sup>st</sup> 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.

76<sup>th</sup> 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.

76<sup>th</sup> 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.

76<sup>th</sup> 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.

76<sup>th</sup> 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

30<sup>th</sup> 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.” Zakrisson TL, Polk R, Dixon R, Ekeh AP, Gross KR, **Davis KA**, Kurek SJ, Stassen NA, Patel MB. Poster presentation. Hollywood, Florida

30<sup>th</sup> 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

12<sup>th</sup> 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.

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

12<sup>th</sup> 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.

12<sup>th</sup> 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.

47<sup>th</sup> Annual Meeting of the Western Trauma Association. Zarzaur BL, Dunn JA, Leininger BE, Lauerma 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.

41<sup>st</sup> 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.

41<sup>st</sup> 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.

75<sup>th</sup> 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.

75<sup>th</sup> 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**

29<sup>th</sup> 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.

29<sup>th</sup> 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 16<sup>th</sup> 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.

40<sup>th</sup> 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.

22<sup>nd</sup> 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.

74<sup>th</sup> 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 (RECONNECT).” Waikoloa, Hawaii.

74<sup>th</sup> 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

74<sup>th</sup> 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.

74<sup>th</sup> 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**

28<sup>th</sup> 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.

10<sup>th</sup> 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.

10<sup>th</sup> 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.

10<sup>th</sup> 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.

10<sup>th</sup> 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.

45<sup>th</sup> 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

38<sup>th</sup> 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, Mercurio M, **Davis KA**, Thiessen 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.

73<sup>rd</sup> 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.

17<sup>th</sup> 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**

27<sup>th</sup> 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.

73<sup>rd</sup> 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.

73<sup>rd</sup> 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**

26<sup>th</sup> 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.

26<sup>th</sup> 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

72<sup>nd</sup> 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.

72<sup>nd</sup> 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.

72<sup>nd</sup> 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**

42<sup>nd</sup> 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**

6<sup>th</sup> 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.

35<sup>th</sup> 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.

70<sup>th</sup> 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**

23<sup>rd</sup> 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

40<sup>th</sup> 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

38<sup>th</sup> 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

69<sup>th</sup> 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.

69<sup>th</sup> 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 RECONNECT 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

69<sup>th</sup> 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

69<sup>th</sup> 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**

39<sup>th</sup> 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, Missouri

68<sup>th</sup> 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

68<sup>th</sup> 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

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



95<sup>th</sup> 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

21<sup>st</sup> 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

37<sup>th</sup> 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

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

67<sup>th</sup> 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 20<sup>th</sup> 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.” Invited discussant, Sanibel, Florida

37<sup>th</sup> 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

66<sup>th</sup> 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 19<sup>th</sup> 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 19<sup>th</sup> 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 19<sup>th</sup> 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 65<sup>th</sup> 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 65<sup>th</sup> 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 18<sup>th</sup> 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 18<sup>th</sup> 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 35<sup>th</sup> Annual Meeting of the Western Trauma Association: “Financial Aspects of Surgical Critical Care,” **Invited Discussant**. Jackson Hole, Wyoming

The 35<sup>th</sup> 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 35<sup>th</sup> 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 62<sup>nd</sup> 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 37<sup>th</sup> 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 64<sup>th</sup> 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 Pryz K, Atlanta, Georgia

The 64<sup>th</sup> 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 17<sup>th</sup> 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 17<sup>th</sup> 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 17<sup>th</sup> 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 34<sup>th</sup> 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<sup>rd</sup> 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<sup>rd</sup> 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, Hawaii

The 63<sup>rd</sup> 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<sup>rd</sup> 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<sup>rd</sup> 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 23<sup>rd</sup> 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 62<sup>nd</sup> 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 32<sup>nd</sup> 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 31<sup>st</sup> 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 13<sup>th</sup> 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 30<sup>th</sup> 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 60<sup>th</sup> 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, Comejo C, Hatzitheofilou C, Wisner D, Coscia R, Schwab CW, Ivatury R, Thomason M, **Davis KA**, and Wang D., San Antonio, Texas

## 1999

The 60<sup>th</sup> 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 29<sup>th</sup> 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 4<sup>th</sup> International Shock Congress and the 22<sup>nd</sup> 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 59<sup>th</sup> 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, Ragsdale, D.N., Trenthem LL, Croce MA, and Proctor, KG, Boston, Massachusetts

## 1998

The 21<sup>st</sup> 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 58<sup>th</sup> 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 58<sup>th</sup> 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 57<sup>th</sup> 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**

**2019**

100<sup>th</sup> 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 (ReCONNECT) 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.

100<sup>th</sup> 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**

99<sup>th</sup> 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.

99<sup>th</sup> 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.

99<sup>th</sup> 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**

98<sup>th</sup> 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.

98<sup>th</sup> 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.

98<sup>th</sup> 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**

23<sup>rd</sup> 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.

97<sup>th</sup> 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.

97<sup>th</sup> 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

96<sup>th</sup> 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

94<sup>th</sup> 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

93<sup>rd</sup> 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

93<sup>rd</sup> 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

93<sup>rd</sup> 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

92<sup>nd</sup> 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

90<sup>th</sup> 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 (ReCONNECT).” 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

90<sup>th</sup> 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

89<sup>th</sup> 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

89<sup>th</sup> 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 (JPC-6/CCCRP), Department of Defense Congressionally Directed Medical Research Programs (CDMRP).	2019

### Profession Service – Journal Service

#### Associate Editor

*Trauma Surgery and Acute Care Open* 2016 – present

#### 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

#### 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
Examination consultant – Certifying exam Trauma/Burns	2017 - present
Member, Trauma/Critical Care/Burns Component Board	2018 - present
Associate 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
<b>Board of Directors – Acute Care Surgery Manager at Large</b>	2015 – 2017
Member – Program Committee	2015 – 2017
Member – Membership Committee	2015 – 2017
Member – Scholarship Committee	2015 – 2017
Member – Membership Strategic Retreat Initiative	2017 – 2018
Member – Healthcare Economics Committee	2017 – present
Chair – ACS Strategic Retreat Initiative	2017 – present
Member – Research Strategic Retreat Initiative	2017 – present
<b>Secretary-Treasurer</b>	2019 – present
<b>Board of Directors – Executive Committee</b>	2019 - present

American College of Critical Care Medicine

Fellow	2009 – present
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American College of Surgeons

Associate Fellow	1997 – 2001
Fellow	2001 – present
National Ultrasound Faculty	2000 - 2019
Committee on Applicants - Connecticut	2013 - present
<b>Board of Governors – AAST representative</b>	2013 – present
Vice Chair –Surgical Care Delivery Workgroup	2015 – 2017
Chairman – Surgical Care Delivery Workgroup	2017 - 2018

<u>American College of Surgeons Committee on Trauma</u>	
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
<b>Chair, Region I</b>	2013 – 2019
<b>Treasurer</b> – RCOT Board of Directors	2013 – 2019
Member, National COT	2019 – present
<u>American Surgical Association</u>	
Member – Equity Task Force	2017 - 2018
<u>Chicago Committee on Trauma of the American College of Surgeons</u>	
Member	1998 - 2006
Judge, Resident Paper Competition	2002 - 2005
Chair, Education and Registry Committee	2004 – 2006
<u>Chicago Metropolitan Trauma Society</u>	
Member	1998 - 2006
Board of Directors	1999 – 2006
<b>Secretary Treasurer</b>	2000 – 2002
<b>President</b>	2002 – 2003
<u>Chicago Surgical Society</u>	
Member	1999 - 2006
Member – Young Surgeons Committee	2000 – 2002
<u>Coalition for National Trauma Research</u>	
<b>Executive Committee</b>	2013 - 2020
<u>Connecticut Chapter of the American College of Surgeons Professional Association</u>	
Member	2006 - present
Council Member – ex officio	2008 – 2009
Council Member	2009 – 2013
Chair, Legislative Committee	2012 - 2014
<b>Secretary</b>	2012 – 2014
<b>President – Elect</b>	2014 – 2016
<b>President</b>	2016 – 2018
<b>Immediate Past President</b>	2018 – 2020
<u>Connecticut Trauma Conference Inc.</u>	
<b>Secretary – Treasurer</b>	2008 – 2013
Program planning director	2009 – 2013
Program planning committee	2013 – 2020
<b>President</b>	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
<b>Board of Directors Manager at Large</b>	2007 – 2010
Judge – Raymond Alexander Paper Competition	2010, 2011, 2013
<b>Secretary Treasurer</b>	2010 - 2013
<b>Executive Committee</b>	2010 – 2016
<b>President-Elect</b>	2013 – 2014
Membership-Bylaws	2013 – 2014
Task Force Chair – Redefining the focus of EAST Through Branding and Marketing Review	2013 - 2014
Nominating Committee	2014 – 2015
<b>Immediate Past-President</b>	2015 – 2016
Development Section	2015 – 2018
EAST senior mentor	2014 - present

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
<b>Secretary</b>	2014 – 2016
<b>President-elect</b>	2016 – 2018
<b>President</b>	2018 - 2020

Western Trauma Association

Member	2000 - present
Member – Program Committee	2005 - 2008
<b>Board of Directors</b>	2007 - 2010

Southwestern Connecticut Trauma Symposium

Program Planning Committee	2006 – 2010
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Yale Surgical Society

Councilor at large	2015 - present
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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

### **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 – present
Chair, PGY-4 Clinical Competency Committee	2014 – 2019
Member, OSHE Grant Review Committee	2015 - present



### Yale School of Management Committees

Member, MBA for Executives Leadership in Healthcare Alumni Advisory Council Representative	2012 - 2014
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### 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 – present

### 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 Lentricchia 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.
13. 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.
14. **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.
15. 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.
16. 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.

17. 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.
18. 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.
19. Reed RL II, **Davis KA**, Silver GM, et al. "Reducing Trauma Payment Denials with Collaborative Billing." *Journal of Trauma*, 2003, 55(4), 762-770.
20. 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.
21. **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.
22. 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.
23. 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.
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## Guidelines and Consensus Statements

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