



CURRICULUM VITAE

KURT G. DAVIS, MD, FACS

Current Title: Professor of Clinical Surgery

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Citizenship: United States of America

Education

Undergraduate: University of Tennessee, BS, Systems & Organismal Biology, 1993

Medical: Quillen College of Medicine at ETSU, MD, 1997

Internship: Surgery, William Beaumont Army Medical Center, El Paso, TX, 1998

Residency: Surgery, William Beaumont Army Medical Center, El Paso, TX, 2004

Clinical Fellowship: Colon and Rectal Surgery, GCRSA, Atlanta GA, 2007

Certification:

Certified, The American Board of Surgery October 2005; Re-Cert., 2015

Certified, The American Board of Colon and Rectal Surgery September, 2010

Licensure:

Unrestricted Medical License in Louisiana

Unrestricted Medical License in Tennessee

Academic, Professional, and Research Appointments

Academic Appointments:

Clinical Instructor Surgery, William Beaumont AMC, El Paso, TX, July 2007 - June 2016

Adjunct Assistant Professor of Surgery, USUHS, July 2008 - June 2016

Assistant Professor of Surgery, Texas Tech UHS, October 2013 - June 2016

Clinical Associate Professor of Surgery, LSU Medical School, July 2016 – September 2019

Associate Professor of Clinical Surgery, LSU Medical School, September 2019 – June 2020

Professor of Clinical Surgery, LSU Medical School, July 2020 - present

Professional Appointments:

Staff Surgeon Martin Army Community Hospital, Columbus GA, July 2004 - June 2006

Staff Surgeon, Colon and Rectal Surgery, SLVHC, July 2016 - Sept 2019

Membership in Professional Organizations:

Fellow, American College of Surgeons, 2006 – Present

Fellow, American Society of Colon and Rectal Surgeons, 2011 - Present

Member, Assn. Surgical Education/ APDS in Surgery, 2011 - Present

Member American Association for Cancer Research, 2016 - Present

Awards and Honors:

A-Designation for Academic Excellence by The Army Surgeon General, 2013

Military: Bronze Star (2), Meritorious Service Medal, Army Commendation Medal (2), Global War on Terrorism Medal, Army Achievement Medal (2), Overseas Ribbon (2), Joint Service Medal (2), Army Service Ribbon, National Defense Service Medal (2)

Residency: Resident Representative to Graduate Medical Education Committee

Undergraduate: Golden Key National Honor Society

TEACHING EXPERIENCE AND RESPONSIBILITIES

Course/Clerkship/Residency or Fellowship/CME Directorships:

General Surgery Residency:

Associate Program Director, William Beaumont Surgery Residency, 2008 - 2010

Program Director, William Beaumont Surgery Residency, 2010 - 2014

Associate Program Director for the General Surgery Residency, LSUHSC, 2017 - Present

Medical School:

I established a rotation for 3rd year medical students from the Paul L Foster School of Medicine to participate within our department. At the time of beginning my leadership position, there was no relationship with the medical school in El Paso. I felt very strongly that an academic surgical program should be involved with medical students for the benefit of not only the students, but the residents and faculty as well. Through collaboration with the Clerkship Director and the Dean, we were able to integrate 2-4 medical students to perform their core surgery rotation with our general and vascular surgery teams. They serve as members of the team and are involved in all aspects of outpatient and inpatient care.

Curriculum Development/Implementation:

In my role as the program director, I developed the curriculum for the program, and I was responsible for the evaluation promotion and occasional remediation of all of the residents

Creation of Enduring Teaching Materials:

In my role as program director, I changed the format of some of our conferences so there was more of an emphasis on critical thinking on the part of the residents and more individual education on the part of the faculty. For example, once a month two faculty members are assigned case topics and then these topics are presented to two of the residents. The residents are encouraged to work through a hypothetical clinical case including laboratory and radiographic adjuncts, in a format that is analogous to that seen on the Certifying Examination of the American Board of Surgery. The residents are given a list of topics to prepare for that include the topics that are scheduled. This allows them to study before the conference and enhances their confidence to allow them to present in public. This was well received by both the residents and faculty and greatly improved the resident's presentation abilities.

In addition, I served as a Question Writer for WISE-MD: Diverticulitis (2010) and for CARSEP (2013-2016).

Departmental/Interdisciplinary Teaching Conferences:

In my previous position, I was very involved in all of the academic conferences including Morning Report, Morbidity and Mortality Conference as well as the academic lecture schedule.

Since coming to the LSU college of Medicine, I have taught at the Intern Boot Camp as well as regularly serving as faculty moderator at Cohn's Conference for the medical students

Post-Residency Fellows Trained:

Colorectal Surgery Fellowship

Maxine Miller, MD, 8/2018 - 7/2019

Ylli Zhubi, MD, 8/2019 – 7/2020

Varun Krishnan, 8/2020 – 7/2021

Luv Hajirawala, 8/2021 - present

RESEARCH AND SCHOLARSHIP

Journal Publications

Refereed:

1. **Davis KG**, Aspera G. Exposure to Liquid Sulfur Mustard. Ann Emer Med, 2001; 37:6 653-65.
2. **Davis KG**. Acute Management of the White Phosphorus Burn. Mil Med, 2002; 167:1 83-84.
3. **Davis KG**, Schriver JP. Prevalence of Teaching Sentinel Lymphadenectomy for Breast Cancer in General Surgery Residency Programs. Curr Surg, 2002; 59:4 420-422.
4. **Davis KG**, Schriver JP, Waddell BE. Implementation of Sentinel Lymph Node Biopsy by Surgeons in the Department of Defense. Am J Surg, 2002; 184:2 8-10.
5. **Davis KG**, Wertin TM, Schriver JP. The use of Simvastatin for the Prevention of Gallstones in the Lithogenic Prairie Dog Model. Obes Surg, 2003; 13:6 865-868.
6. **Davis KG**, Pelta AA, Armstrong DN. Combined Colonoscopy and Three-Quadrant Hemorrhoidal Ligation: 500 Consecutive Cases. Dis Col Rect, 2007; 50:09 1145-1149.

7. Pelta AA, **Davis KG**, Armstrong DN. Subcutaneous Fissurotomy: A novel procedure for Chronic Anal Fissure. A review of 109 cases. *Dis Col Rect*, 2007; 50:10 16621667.
8. Lee S, Hofmann, **Davis KG**, Waddell BE. Lymph Node Evaluation and Its Association with Improved Staging and Survival in the Department of Defense Health Care System. *Ann Surg Oncol*, 2009;
9. Brown SR, Horton JD, **Davis KG** Perirectal Abscess Infections Related to MRSA: A Prevalent and Underrecognized Pathogen *Jrnl Surg Educ*, 2009; 66:5 264-266.
10. Hofmann LJ, Lee S, Waddell B, **Davis KG**. Effect of Race on Colon Cancer Treatment and Outcomes in the Department of Defense Healthcare System. *Dis Col Rect*. 2010; 53:19-16.
11. Brown SR, Meyers J, Jenkins ED, Frisella MM, Brunt LM, Eagon JC, **Davis KG**, Matthews BD. Evaluation of Anastomotic Techniques for Laparoscopic Resection of Isolated Small Intestine Pathology. *Am J Surg*. 2010; 200:6 851-855.
12. Edwards RD, Saladyga AT, Schriver JP, **Davis KG**. Patient Attitudes to Surgeons' Attire in an Outpatient Clinic Setting: Substance over Style. *Am J Surg* 2012; 204:5 663-5.
13. Creamer J, **Davis KG**, Rice W. Sterile Gloves: do they make a difference? *Am J Surg* 2012; 204:5 976-80.
14. Brown SR, Swisher JP, Hofmann LJ, Coviello LC, **Davis KG**. Surgical management and associated complications of penetrating rectal injuries sustained in Iraq and Afghanistan. *Mil Med*. 2013;178(11):1213-7
15. Brown SR, Ali MS, Williams M, Swisher JP, Rice WV, Coviello LC, Huitron SS, **Davis KG**, Cellular Changes of the Colon Following Mechanical Bowel Preparation *J Surg Res* 2014; Aug 27.
16. Peirce GS, Swisher JP, Freemyer JD, Crossett JR, Wertin TM, Aluka KJ, Tobias S, Lee LV, Hetz SP, **Davis KG**. Postoperative pneumoperitoneum on computed tomography: is the operation to blame? *Am J Surg* 2014; Sep 28.
17. **Davis KG**, Williams M, Crossett JR, Cleveland EM, Smoot CP, Aluka KJ, Coviello LC. Equivalence in Colonoscopy Results between Gastroenterologists and General Surgery Residents following an Endoscopy Simulation Curriculum. *J Surgical Educ*. 72(4) July/August 2015.
18. Sirkin MR, Cook P, **Davis KG**. Evaluating Alternatives to Traditional Cotton Laparotomy Sponges for Blood Absorption in the Austere and Mobile Surgical Environment. *J Spec Ops Med*. Dec 2015: 54-58.
19. Cleveland E, Peirce G, Brown S, **Davis KG**. A Short-Duration Restrictive Diet Reduces Visceral Adiposity in the Morbidly Obese Surgical Patient. *Am J Surg* May 2016:
20. Brown SR, **Davis KG**. Type I/Type III Collagen Ratio Associated with Diverticulitis of the Colon in Young Patients. *Jrnl Surg Res*. 2017:207:229-34.
21. Dilday JC, Miller EA, Schmitt K, Davis B, **Davis KG**. Professionalism: A Core Competency, but What does it mean? A survey of Surgery Residents. *J Surg Educ*. 2018 (3): 601-5.

Non-refereed:

1. **Davis KG**, Johnson E. Enterocutaneous Fistulas in Considerations and Consequences of Colorectal Surgery. *Surg Clin N Am* 2013;93. (1), 231-50.

2. **Davis KG.** Foregut Crohn's Disease in Inflammatory Bowel Disease. Surg Clin N Am 2015; 95 (6), 1183-93.
3. **Davis KG, Orangio G.** Basic Science, Epidemiology, and Screening for Anal Intraepithelial Neoplasia and Its Relationship to Anal Squamous Cell Cancer of Anus in Surg Clin N AM. 2018, 6(31): 368-378

Selected Abstracts:

1. Effect of Topical Baclofen 5% on Post hemorrhoidectomy Pain. Dis Colon Rect. 2019; 62:8 p.1022.
2. Quality of Life After Surgery for Rectal Cancer: A Comparison of Functional Outcomes After Trans-anal and Laparoscopic Approaches. Dis Colon Rect. 2019; 62:8 p.1022-3.
3. Primary Tumor Resection for Stage IV Colorectal Cancer in the Era of Targeted Chemotherapy. Dis Colon Rect. 2019; 62:8 p.1023.
4. The Role of Adjuvant Chemotherapy in ypT0No Rectal Adenocarcinoma Dis Colon Rect. 2019; 62:12 p.1555.
5. Disparity of Colon Cancer Outcomes in Rural America: Making the Case to Travel the Extra Mile. Dis Colon Rect. 2019; 62:12 p. 1555-6.
6. Conservative Treatment in Diverticulitis Patients with Pericolic Extraluminal Air and the Role of Antibiotic Treatment. Dis Colon Rect. 2020; 63:1 p.122.
7. Risk of Cancer in 10-19mm Endoscopically Detected Colorectal Lesions. Dis Colon Rect. 2020; 63:1 p.123.
8. LIFT and Bio LIFT: a 10-Year Single-Centre Experience of Treating Complex FistulaIn-Ano With Ligation of Inter-sphincteric Fistula Tract Procedure with or Without Bioprosthetic Reinforcement (Bio LIFT) Dis Colon Rect. 2020; 63:2 p.262.
9. Modified frailty index predicts high-risk patients for readmission after colorectal surgery for cancer Dis Colon Rect. *In Press*
10. Completeness of operative reports for rectal cancer surgery. Dis Colon Rect. *In Press*
11. Evaluation of a Water-Soluble Contrast Protocol for Small Bowel Obstruction. Dis Colon Rect. *In Press*
12. Development of a Risk Score to Predict Anastomotic Leak After Left-Sided Colectomy: Which Patients Warrant Diversion? Dis Colon Rect. *In Press*
13. Colonoscopy Direct Assessment Dis Colon Rect. *In Press*
14. Curative Intent for Locally Advanced Colon Cancer. Dis Colon Rect. *In Press*
15. Preoperative Bleeding Requiring Transfusion: An under-reported indication for Hemorrhoidectomy. Dis Colon Rect. *In Press*
16. An Up-to-date predictive model for rectal cancer survivorship reflecting tumor biology and clinical factors. Dis Colon Rect. *In Press*

Book Chapters:

1. **Davis KG, Armstrong DN** Harmonic Scalpel Hemorrhoidectomy in Colon and Rectal Surgery: Anorectal Operations, pp. 15-24, Lippincott Williams and Wilkins, Philadelphia PA, 2012.
2. **Davis KG, Coviello LC** Equipment, Operating Room Set-Up and Patient Positioning in Operative Techniques in Laparoscopic Colorectal Surgery, pp. 9-18, Lippincott Williams and Wilkins, Philadelphia PA, 2015.

3. **Davis KG**, Valente MA. Endoscopy in The ASCRS Textbook of Colon and Rectal Surgery, pp. 45-77, Springer, 2016.
4. Barton J, Orangio G, **Davis KG**. General and Colorectal Surgery of the Abdomen and Pelvis in Perioperative Management in Robotic Surgery Cambridge University Press, 2017.
5. Brown SR, **Davis KG**. Outcomes and Quality in Improving Outcomes in Colon and Rectal Surgery CRC Press, Boca Raton FL 2018.
6. Cirocco WC, Orangio G, **Davis KG**, Husain SG. Hemorrhoidectomy using a Bipolar Electrothermal Device (BED) and Vibratory Harmonic Energy in Colon and Rectal Surgery: Anorectal Operations (Master Techniques in Surgery). Walters Kluwer 2019.
7. **Davis KG** Valente MA. Endoscopy in The ASCRS Manual of Colon and Rectal Surgery, pp. 45-72, Springer, 2019.
8. Barton JS **Davis KG**. Small Intestine Crohn's Disease in Small Intestine, *in press*

Scientific Presentations:

1. Recurrent Recanalization following Vasectomy. Presented at James C. Kimbrough Urological Seminar, December 1999, San Antonio, TX.
2. Management of Military Unique Burns. Presented at Gary P. Wratten Clinical Symposium, April 2001, Augusta GA.
3. Implementation of Sentinel Lymph Node Biopsy by Surgeons in the Department of Defense. Presented at 53rd annual meeting of the Southwestern Surgical Society, May 2001, Cancun, Mexico.
4. Prevalence of Teaching Sentinel Lymphadenectomy for Breast Cancer in General Surgery Training Programs. Presented at Southern Medical Association's 95th Scientific Assembly, November 2002, Nashville TN.
5. Incidence of Adenomatous Polyps in Patients after Colonoscopic detection of Hyperplastic Polyps. Presented at the 11th International Congress of the Society of Laparoendoscopic Surgeons, September 2002, New Orleans, LA.
6. Simvastatin and the Prevention of Gallstones in the Lithogenic Prairie Dog Model presented at the American College of Surgeons 89th Clinical Congress October 2003, Chicago, IL

Invited Presentations and Seminars:

1. The Treatment of Complex Anal Fistulae. Presented at Hospital Esquela 17 January 2008, Tegucigalpa, Honduras
2. The Modern Treatment of Hemorrhoids. Presented at the Piedmont Society Southern Colorectal Society Meeting March 2014, Ft Lauderdale, FL
3. Training the Next Generation of Combat Surgeons. Presented at LSU College of Medicine Grand Rounds Oct 2015
4. Anorectal Disorders for the Primary Care Physician. Presented at SLVHCS Grand Rounds Sept 2016 New Orleans, LA
5. The current Management of Anal Abscess and Fistula, Presented at Grand Rounds LSU College of Medicine February 2017 New Orleans, LA
6. The Management of the Malignant Colon and Rectal Polyp, Presented at the Piedmont Society Southern Colorectal Society Meeting March 2017, Naples, FL
7. Laparoscopic Colectomy Presented at the Association of Surgical Technology National Conference, June 2017, New Orleans, LA

8. Fibrin Glue and Anal Fistula Plugs- Historical only? Presented at the American Society of Colorectal Surgery Annual Meeting, June 2017, Seattle, WA
9. The Surgical Management of Complex Hidradenitis. Presented at the American Society of Colorectal Surgery Annual Meeting, May 2018, Nashville TN.
10. Reminiscences of a Combat Surgeon Presented at the Association of Surgical Technology National Conference, June 2018, Orlando, FL
11. The Charge of the Light Brigade: A lesson in Medical Communication, Presented at Grand Rounds LSU College of Medicine January 2019 New Orleans, LA
12. Large Bowel Obstruction, Presented at Grand Rounds LSU College of Medicine March 2019 New Orleans, LA
13. Training Combat Surgeons, Presented at the Southern Society of Clinical Surgeons March 2019, New Orleans, LA

Editorial Posts and Activities

Reviewer:

1. Editorial Reviewer Diseases of the Colon and Rectum, 2012 - Present
2. Editorial Reviewer for Journal of Surgical Research, 2014 - Present
3. Editorial Reviewer for Journal of Graduate Medical Education, 2014 - Present

Meeting Moderator:

1. ASCRS 2018 Nashville, TN: Plastic Surgery for the Colorectal Surgeon
2. ASCRS 2018 Nashville, TN: Poster Sessions
3. Digestive Diseases Week 2019, San Diego, CA: Colorectal Surgery Session
4. Digestive Diseases Week 2019, San Diego, CA: Poster Session

SERVICE ACTIVITIES University/Institutional Service:

Departmental committees:

VA Clinical Site Director, LSU General Surgery Residency Program, 2016 - 2017

Hospital committees:

1. Transfusion Practices Committee, Chair, William Beaumont Army Medical Center 2014
2. Provision of Care Committee, William Beaumont Army Medical Center 2012-16
3. Library Committee, William Beaumont Army Medical Center 2011-16

Professional society committees:

1. Young Surgeons Committee, American Society of Colon and Rectal Surgeons, 2008 - 2011

2. Faculty Development Committee, Association of Surgical Educators, 2011 - 2012
3. Graduate Medical Education Committee, Association of Surgical Educators, 2012 Present
4. Self-Assessment Committee, American Society of Colon and Rectal Surgeons, 2013 - 2016
5. Young Fellows Committee, South Texas Chapter of the ACS, 2014 - 2015
6. Curriculum Committee, Association of Surgical Educators, 2014 - 2016
7. CPG Committee, American Society of Colon and Rectal Surgeons, 2016 – 2019
8. CREST Committee, American Society of Colon and Rectal Surgeons, 2016 - Present

Special assignments:

Surgical Champion ERAS at UMC, New Orleans LA, 2017

Clinical Service:

I serve as a full-time clinical colon and rectal surgeon and interact with the residents and medical students on the service on rounds, in the operating room and in the colorectal clinic.

Administrative Responsibilities

Hospital:

Cancer Liaison Physician for the Commission on Cancer for WBAMC, 2012 - 2016

Surgical Jeopardy Chair 2016 South Texas ACS Meeting, San Antonio, TX