

EMORY UNIVERSITY SCHOOL OF MEDICINE
CURRICULUM VITAE

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Atlanta, Georgia 30308

CITIZENSHIP U.S.A.

CURRENT TITLES AND AFFILIATIONS

Academic Appointments: Primary:
Assistant Professor of Surgery
Division of Gastrointestinal & General Surgery
Emory University School of Medicine
October 2005 - Present

- Emory University Hospital
Status: Active
- Emory Crawford Long
Status: Active

CLINICAL APPOINTMENTS:

Attending Surgeon, Emory University Hospital
2005-present
Attending Surgeon, Emory Crawford Long Hospital
2005-present
Voluntary Attending, Atlanta VA Medical Center
2005-present
Voluntary Attending, Grady Memorial Hospital
2005-present

PREVIOUS ACADEMIC APPOINTMENTS:

Clinical Instructor in Surgery
Ohio State University

Department of Surgery
July 2004-June 2005

Assistant Professor of Surgery
Ohio State University
Department of Surgery
July 2005-October 2005

LICENCES:

State of Georgia

Composite State Board of Medical Examiners
License Number: 0 5 6 6 9 9
2005-Present

State of Ohio

Certificate Number: 35.084153
Obtained: 2004 - Year Relinquished: 2005
Reason: Fellowship

State of Illinois

Certificate Number: 036.108250
Obtained: 2002 - Year Relinquished: 2005
Reason: Residency

SPECIALTY BOARDS:

American Board of Surgery

March 21, 2005 - March 20, 2015
Certificate Number: 5 0 0 1 8

EDUCATION:

University of Florida

Gainesville, Florida
Bachelor of Science in Microbiology
May 1995

Tulane University School of Medicine

New Orleans, Louisiana
Doctor of Medicine
August 1995 - June 1999

POST GRADUATE TRAINING:

Northwestern University

Chicago, Illinois
Internship: General Surgery, June 1999 - 2000
Program Director: Richard Bell, MD
Residency: General Surgery, June 2000 - 2004

Ohio State University

Columbus, Ohio

Fellowship: Minimally Invasive Surgery
July 2004 - July 2005
Program Director: W. Scott Melvin, MD

COMMITTEE MEMBERSHIPS:

National: Core Curriculum Committee- 2006-present
Fellowship Council

- Co-authored curricula for Minimally Invasive Surgery Fellowships
- Co-authored Core curriculum for non-ACGME accredited fellowships

Publication Committee- 2006- present
Society of American Gastrointestinal and Endoscopic Surgeons

Institutional: Surgical Education Committee- 2006-present
Emory University School of Medicine

- Ensuring compliance to RRC criteria with respect to establishment of rotation objectives and evaluation tools for Emory general surgery rotations
2006-present

CEO Advisory Committee- 2006-present
Emory University School of Medicine

Physician Advisory Council for EeMR- 2008-present
The Emory Clinic

CONSULTANTSHIPS Covidien- surgical preceptor for bariatric procedures
2007-present

MANUSCRIPT REVIEWER: Archives of Surgery 2006-present
Surgical Laparoscopy, Endoscopy, and Percutaneous Techniques- 2007-present

HONORS AND AWARDS:

- National Presidential Scholar, 1991
- National Merit Scholar, 1991
- Florida Undergraduate Scholar, 1991
- Lake Mary High School Scholar Athlete of the year, 1991
- Seminole County Scholar Athlete of the year, 1991
- Army-Navy Scholar Athlete of the Year, 1991
- Mortar Board National Honor Society, 1992
University of Florida

- Golden Key National Honor Society, 1992
University of Florida
- John Fererra Tulane Student Teaching Award, 1999
Tulane University School of Medicine
- Alpha Omega Alpha, 1999
Tulane University School of Medicine

SOCIETY MEMBERSHIPS:

Alpha Omega Alpha	1999 - Present
American Medical Association	1999-2004
Society of American Gastrointestinal and Endoscopic Surgeons	2001- present
American College of Surgeons	2001-present
American Society for Bariatric and Metabolic Surgery	2007-present
Southeastern Surgical Association	2007 - Present

RESEARCH FOCUS:

Primarily clinical and outcomes based with focus on minimally invasive, endoscopic, and endoluminal techniques and device development.

CLINICAL SERVICE CONTRIBUTIONS:

Director, Resident Laparoscopy and Endoscopy Skills Course for 2nd year residents

FORMAL TEACHING:

Medical Student Teaching

- Medical Student Lectures
 - 2006-present- "*Gastroesophageal Reflux Disease*"- quarterly
 - 2005-present- "*Intern Survival Tips*". Yearly to 4th years
- Clerkship Mentor 3rd year medical Students
 - 1st quarter 2006
 - 1st quarter 2007
- Surgical Laboratory Instructor
 - 2006-present- yearly porcine laboratory for 4th year medical students

Resident Teaching- Residency Program

- Surgical Resident Core Lectures- Wood's Rounds
 - 2005, 2006 "*Laparoscopic Paraesophageal Hernia Repair*"
 - 2006, 2008 "*Update on Bariatric Surgery*"
 - 2007 "*Gastroesophageal Reflux Disease*"

Resident Teaching, OR and Ward rounds weekly/daily

Coordinator, Surgery Resident Rotation- Bariatric and GI Surgery curriculum
Emory Crawford Long Hospital- 2007-current

- May 1, 2008 Emory University Hospital, Postgraduate Seminar. Contemporary Techniques in Gastrointestinal Surgery.
Director- Fundamentals in Laparoscopic Surgery Hands-on course
- May 2, 2008 Emory University Hospital, Postgraduate Seminar. Contemporary Techniques in Gastrointestinal Surgery.
“*Surgical Management of Paraesophageal Hernias*”
- May 14-16, 2008 Society of American Gastrointestinal and Endoscopic Surgeons. Advanced Foregut and Bariatric Workshop for Surgical Residents.
“*Paraesophageal Hernia Repair*”
Surgical Laboratory Instructor

OTHER ACTIVITIES

- August, 2005 Society of American Gastrointestinal and Endoscopic Surgeons. U.S. Surgical Basic Endoscopy and Laparoscopy Workshop for Surgical Residents.
Surgical Laboratory Instructor
- April, 2006 Emory Endosurgery Unit Postgraduate Course (Sponsor U. S. Surgical)
“*Inguinal Hernia Repair*”
“*History of Laparoscopic Ventral Hernia Repair*”
Surgical Laboratory Instructor
- June, 2006 Emory Endosurgery Unit Postgraduate Course (Sponsor W. L. Gore)
“*Intro to Inguinal Hernia Repair*”
“*Open Inguinal Hernia Repair*”
Surgical Laboratory Instructor
- May 8, 2008 Covidien Postgraduate Course, Advanced Laparoscopic Hernia Course.
“*Open Hernia Repair: When and Why to Do It*”
“*Biomaterials Available for Repair*”
“*Hernia Repair and Morbid Obesity*”
Surgical Laboratory Instructor

BIBLIOGRAPHY

Published and accepted research articles

1. **Davis SS.** Mikami DJ. Newlin M. Needleman BJ. Barrett MS. Fries R. Larson T. Dundon J. Goldblatt MI. Melvin WS. Heating and humidifying of carbon dioxide during pneumoperitoneum is not indicated: a prospective randomized trial. Surgical Endoscopy. 20(1):153-8, 2006 Jan. **UI:** 16333546
2. Jeansonne LO. White BC. Pilger KE. Shane MD. Zagorski S. **Davis SS.** Hunter JG. Lin E. Smith CD. Ten-year follow-up of laparoscopic Heller myotomy for achalasia shows durability. Surgical Endoscopy. 21(9):1498-502, 2007 Sep. **UI:** 17623235

3. Narula VK, Watson WC, **Davis SS**, Hinshaw K, Needleman BJ, Mikami DJ, Hazey JW, Winston JH, Muscarella P, Rubin M, Patel V, Melvin WS. A computerized analysis of robotic versus laparoscopic task performance. Surgical Endoscopy. 21(12):2258-61, 2007 Dec. UI: **17522931**
4. Cios T, Reavis K, Renton D, Hazey J, Mikami D, Allemang M, **Davis SS**, Melvin W. Gastrotomy Closure Using Bioabsorbable Plugs in a Canine Model. Surgical Endoscopy. 22(4):961-6, 2008 Apr.
5. White BC, Jeansonne LO, Morgenthal CB, Zagorski S, **Davis SS**, Smith CD, Lin E. Do recurrences Following Paraesophageal Hernia Repair Matter? Surgical Endoscopy. 22:1107-1111.

Manuscripts Submitted

1. Watson W, Needleman B, Narula V, **Davis SS**, Goldblatt MI, Melvin WS, Mikami D. Laparoscopic Roux-En-Y gastric bypass (LRY GB) is a viable option for the treatment of megaobesity (BMI >70kg/m²). Submitted: Central Surgical Society, Annual Meeting 2006.
2. Chavarriaga LF, Losken A, Cook M, Jeansonne L, White B, Galloway J, Sweeney J, Lin E, **Davis SS Jr**. Management of complex abdominal wall defects using acellular porcine dermal collagen (Collamend™). Submitted JACS, April 2008.
3. **Davis SS**. Current Controversies in Paraesophageal Hernia Repair. Surg Clin N Am. Submitted April 2008.
4. Dundon J, **Davis S**, Hazey J, Narula V, Muscarella P, Melvin WS. Long term symptom control following radiofrequency energy delivery to the lower esophageal sphincter (Stretta) in patients referred for surgical control of gastroesophageal reflux. Surgical Innovation. Submitted May 2008.

Book Chapters

1. **Davis SS**, Melvin WS. Laparoscopic Pancreatic surgery. Prevention and Management of Laparoendoscopic Surgical Complications. 2nd Edition. Miami: Society of Laparoendoscopic Surgeons. 34, pp 309-314, 2005.
2. **Davis SS**, Goldblatt MI, Hazey J, Melvin WS. Unexpected Findings at Abdominal Surgery. Current Problems in Surgery. Submitted to press 2005.

Book Chapters Submitted

1. Matthew D, Shane MD, **Davis Jr SS**. Bilateral Pheochromocytomas in MEN 2a – Recommended Laparoscopic Bilateral Adrenalectomy. SAGES Manual.

Abstracts, Oral / Video, and Poster Presentations

1. Shah MD, Champion HC, Beard DP, Czapla MA, **Davis SS**, Dewitt BJ, Marrone JR, Kadowitz PJ. Analysis of organ dependent responses to A/B Methyl ATLP, a P2X selective agonist, in a cat. Abstract Presented, American Medical Student Association, Annual Meeting, 1997.
2. McWilliams SM, Champion HC, Lambert DG, Czapla MA, **Davis SS**, Mikesh CS, Filep JG, Kadowitz PJ. Bosentan, a novel endothelial ETA/ETB receptor antagonist, inhibits vasoconstrictor responses to angiotensin in the cat. FASEB J. 11:A38 Presented, Experimental Biology, Annual Meeting 1997.
3. Champion HC, Blivalacqua TJ, Varani N, **Davis SS**, Kadowitz PJ. Differential Responses to Nociceptin/OFQ in the Systemic and Regional Vascular Beds of the Cat and Rat. Abstract Presented: Experimental Biology, Annual Meeting 1998.
4. McWilliams SM, Champion HC, Bivalacqua TJ, **Davis SS**, Kadowitz PJ. Influence of the calcium channel blocker, nimodipine, on vasoconstrictor responses in the hindlimb vascular bed of the cat. Presented: Experimental Biology, Annual Meeting, 1998.
5. Mikami DJ, Newlin M, Needleman B, Barrett MS, Fries R, Larson T, Dundon J, Goldblatt M, **Davis SS**, Melvin WS. Heating and Dehumidifying of Carbon dioxide During Pneumoperitoneum is not Indicated: A Prospective Randomized Trial. Society of the American Gastrointestinal and Endoscopic Surgeons, Abstract, Oral Presentation, Annual Meeting, April 2005.
6. **Davis SS**, Goldblatt MG, Mikami DJ, Melvin WS. Laparoscopic Nissen Fundoplication after failed Stretta Procedure. Surg Endosc. Poster Presentation. S19;S255, 2005.
7. **Davis SS**, Goldblatt MG, Mikami DJ, Needleman B, Melvin WS. Laparoscopic Roux-En-Y Cyst-Jejunostomy for Pancreatic Pseudocyst Drainage. American Hepato Pancreato Biliary Association, Video Presentation, Annual Meeting 2005.
8. **Davis SS**, Goldblatt MI, Roy S, Biswas S, Sen CK, Melvin WS. Laparoscopic total pancreatectomy in domestic swine: A novel technique to provide a large animal model of insulin dependant diabetes. Accepted: Association of Academic Surgeons, Poster Presentation. August 2005.
9. Dundon JM, **Davis SS**, Hazey JW, Muscarella P, Melvin W. Radio-frequency Energy Delivery to the Lower Esophageal Sphincter (Stretta) Does Not Provide Long Term Symptom Control. Poster presentation, Digestive Disease Week S1271. 2007.
10. White BC, Jeansonne LO, Morgenthal CB, Shane MD, Swafford V, **Davis SS**, Khaitan L, Lin E, Smith CD. Do recurrences Following Paraesophageal Hernia Repair Matter? Ten-year After Laparoscopic Repair. Surg Endosc 21: S439. Abstract.
11. Melvin WS, Lehr A, Narula V, **Davis SS**, Blossom G, Wanamaker S, Hill J, Muscarella II P, Ellison EC. Surgical Management of acute appendicitis: 50 years of progress. Submitted Central Surgical, September 2007.