

David Brandon Williams, MD, FACS

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Date and Place of Birth:

March 7, 1973
Memphis, Tennessee

Education:

College: Stanford University (Stanford, California), Bachelor of Science, Symbolic Systems, 1995

Medical School: University of Tennessee College of Medicine (Memphis, Tennessee), Doctor of Medicine, 2000

Postgraduate Training:

General Surgery Residency:

Stanford University Department of Surgery, (Stanford, California), 2000-2007

Research Fellowship:

Stanford University Department of Surgery (Stanford, California), 2001-2002, post-doctoral Fellow in the Center for Advanced Technology in Surgery at Stanford, Mentor: Thomas Krummel, M.D.

Initiated the use of computer-based simulators into the Stanford Surgery Residency Program, including simulators for trauma scenarios, upper endoscopy, bronchoscopy and laparoscopy

Surgical Critical Care Fellowship:

Stanford University Department of Surgery (Stanford, California) 2004-2005

Advanced Laparoscopic and Bariatric Surgery Fellowship:

Vanderbilt University Medical Center (Nashville, Tennessee), 2007-2008

Licensure and Certification:

Tennessee State Medical License: 2007, MD0000042628

Specialty Board: American Board of Surgery, General Surgery, 2008

Other: Fundamentals of Laparoscopic Skills (FLS) Certified Test Proctor, 2008

Academic Appointments

Instructor of Surgery, Department of Surgery, Vanderbilt University, 2007-8

Assistant Professor of Surgery, Department of Surgery, Vanderbilt University, 2008 – present

Professional Organizations

Fellow of the American College of Surgeons (ACS)
Society of American Gastrointestinal and Endoscopic Surgeons (SAGES)
Resident Education Committee member
Quality, Outcomes, and Safety Committee member
American Society for Metabolic and Bariatric Surgery (ASMBS)
Access to Care Committee member
Tennessee State Chapter of the ASMBS
Chair of Program Committee 2008, 2009
Secretary-Treasurer 2011-present

Professional Activities

Intramural:

Interim Director of Advanced Laparoscopic and Bariatric Surgery Fellowship, Vanderbilt University, 2009-2010
Associate Director of Advanced Laparoscopic and Bariatric Surgery Fellowship, Vanderbilt University, 2010-present

Extramural:

Ad-hoc Peer Reviewer, *Surgical Endoscopy*

Special Awards:

John Halverson Young Investigator Award Finalist, American Society of Bariatric Surgery, 2005
Stanford Trauma and Critical Care Resident Award, awarded in recognition of outstanding contributions to patient care and resident education in the Surgical Intensive Care Unit, 2005
Outstanding Laparoendoscopic Resident Surgeon, Society of Laparoendoscopic Surgeons, 2006
Kountz Humanitarian Award, Stanford University Department of Surgery, awarded for exceptional professionalism, compassion, and respect for patients and the dignity of fellow men and women, 2007
Five Star Excellent Award, Professional Research Consultants, award given to the physicians scoring in the top 10% nationally on patient surveys related to quality of care, 2011

Teaching Activities

Medical School Courses:

Obesity Intercession – Surgical Therapy, Vanderbilt University School of Medicine, December 11, 2009, and December 10, 2010
Surgery Clerkship Lecture Series – Bariatric Surgery, Vanderbilt University School of Medicine, September 8, 2010, and December 13, 2010

Registered Dietitian Courses:

Bariatric and Metabolic Surgery: A Video Demonstration, Vanderbilt Dietetic Internship, February 12, 2010, and August 27, 2010

Surgical Resident Courses:

SAGES Basic Laparoscopic Skills Course, February 26-27, 2009, lecturer and lab instructor

SAGES Advanced Minimally Invasive GERD/Bariatric Course, June 4-5, 2009, lecturer and lab instructor
SAGES Basic Endoscopy and Laparoscopy Resident Workshop, February 18-19, 2010, lab instructor
SAGES Basic Endoscopy and Laparoscopy Resident Workshop, August 5-6, 2010, lab instructor
SAGES Basic Endoscopy and Laparoscopy Resident Workshop, February 24-25, 2011, lab instructor
SAGES Advanced Laparoscopic Hernia Surgery Resident Course, April 21-22, 2011, lecturer and lab instructor
SAGES Advanced Laparoscopic Foregut and Bariatric Surgery Resident Course, May 5-6, 2011, lecturer and lab instructor
SAGES Advanced Laparoscopic Hernia Surgery Workshop, August 18-19, 2011, lecturer and lab instructor
SAGES Advanced Laparoscopic Intestinal and Solid Organ Surgery Workshop, October 13-14, 2011, lecturer and lab instructor

Continuing Medical Education Lectures:

Endoscopic Stenting, SAGES Flexible Endoscopy Regional Course, Santa Fe, NM, November 9, 2008
Overview of Bariatric Surgery, Cookeville Regional Hospital, February 24, 2009
An Introduction to Bariatric and Metabolic Surgery, Vanderbilt Department of Surgery Grand Rounds, May 1, 2009
Metabolic and Bariatric Surgery, General Internal Medicine Conference, Vanderbilt University Medical Center, July 28, 2010
Adolescent Bariatric Surgery, Pediatric Surgery Seminar Series, Vanderbilt Children's Hospital, August 11, 2010
Overview of Bariatric and Metabolic Surgery, Harton Regional Medical Center, Tullahoma, TN, September 9, 2010
Bariatric Surgery, Gastroenterology and Hepatology Update 2010, Vanderbilt University School of Medicine, September 24, 2010
Common Challenges in Sleeve Gastrectomy, American College of Surgeons Innovation Theater, October 4, 2010
How to Tie a Knot: Free Needle and Hand-Held Device, American Society of Metabolic and Bariatric Surgery Annual Meeting, Advanced Suturing and Hand-Sewn Anastomosis Lab, June 23, 2010
Improving Your Laparoscopic Skills Hands-on Course, American Society of Metabolic and Bariatric Surgery Annual Meeting, June 13, 2011, faculty instructor
Bariatric Surgery in the Elderly, Vanderbilt Geriatrics and Gerontology Interest Group, September 20, 2011

Other Significant Activities:

Home Group Leader, The Village Chapel, Nashville, TN, 2010-present
Health Care Professionals Dinner Fellowship Leader, The Village Chapel (Nashville, TN), 2009-present
Worship Service Volunteer, Usher and Call to Worship Leader, The Village Chapel (Nashville, TN), 2009-present

Publications

Journal Articles:

- “Gastric Bypass Reduces Biochemical Cardiac Risk Factors,” **Williams DB**, Alami RS, Lawson EH, Hagedorn JC, Sanchez BR, Galanko JA, Safadi BY, Curet MJ, Morton JM, *Surgery for Obesity and Related Diseases*, 2007 Jan-Feb;3(1):8-13
- “Endolumenal Therapies for GERD: Where We Stand,” **Williams DB**, Richards WO, *Contemporary Surgery*, April 2008
- “Decreased dopamine type 2 receptor availability after bariatric surgery,” Dunn JP, Cowan RL, Volkow ND, Feurer ID, Li R, **Williams DB**, Kessler RM, Abumrad NN, *Brain Research*, 2010 Sept 2; 1350:123-30

Book Chapters:

- "Accountability in Surgery" Krummel TM, Salzberg AD, **Williams DB**, Nora PF. ACS Surgical Patient Safety: Essential Information for Surgeons in Today's Environment, Manuel BM, Nora PF (Eds), 2004
- “Nosocomial Pneumonia” **Williams DB**, Raghunathan A, Spain DA, Brundage SI, Current Therapy of Trauma and Surgical Critical Care, Asensio JA, Trunkey D (eds.), Mosby/Elsevier, 2008
- “Swan-Ganz Catheter Placement and Interpretation” **Williams DB**, Practical Guide to the Care of the Surgical Patient, Nguyen T and Abilez O (eds.), Mosby/Elsevier, 2008
- “Surgical Treatment of Extraesophageal Reflux” **Williams DB**, Holzman M, Richards WO, Extraesophageal Reflux, Vaezi, M (ed.), Plural, 2009
- “Achalasia of the Esophagus” **Williams DB**, Richards WO, Current Surgical Therapy, 10th edition, Cameron JL and Cameron AM (eds.), Elsevier, 2011

Podium Presentations:

- “The Effect of Loop Diuretics on Norepinephrine Induced Vasoconstriction” **Williams DB**, Thomason D. University of Tennessee, Memphis, NIH Medical Student Research Fellowship, 1997
- “Training in Laparoscopic Surgery: A Comparison of Virtual Reality and Traditional Simulation Methods” Youngblood P, Wren S, Srivastava S, Heinrichs L, **Williams DB**, Dutta R, Saenz Y, Curet M. *Medicine Meets Virtual Reality*, 2003
- “Gastric Bypass Reduces Biochemical Cardiac Risk Factors” **Williams DB**, Alami RS, Lawson EH, Hagedorn JC, Sanchez BR, Galanko JA, Safadi BY, Curet MJ, Morton JM, American Society Bariatric Surgery Annual Conference, 2005
- “Novel Predictors and Prevalence of NASH in Obese Patients Undergoing Bariatric Surgery” **Williams DB**, Hagedorn JC, Alami RS, Lawson EH, Encarnacion BE, Schuster R, Curet MJ, Morton JM. American Society for Bariatric Surgery Annual Conference, 2006

Video Presentations:

- “Laparoscopic Sleeve Gastrectomy” Richards WO, **Williams DB**, Melvin WV, OR-Live Webcast, 2008
- “Laparoscopic Adjustable Gastric Banding over a Prior Roux-en-Y Gastric Bypass” Carpenter RO, **Williams DB**, Richards WO, American Society for Metabolic and Bariatric Surgery Annual Conference, 2009
- “Laparoscopic Vertical Sleeve Gastrectomy,” Carpenter RO, **Williams DB**, Southeastern Surgical Congress, 2010

Posters/Abstracts:

- “Clinical and Serologic Predictors of Gastric Bypass Complications” **Williams DB**, Hagedorn J, Encarnacion B, Ketchum E, Liu I, Curet M, Galanko J, Morton J, The Society of American Gastrointestinal and Endoscopic Surgeons Annual Conference, 2007
- “Age Related Resolution of Cardiovascular Comorbidities in Bariatric Surgery Patients” Ketchum E, Liu I, Hagedorn J, Encarnacion B, **Williams DB**, Morton J, The Society of American Gastrointestinal and Endoscopic Surgeons Annual Conference, 2007
- “Insurance Variations in Demographics and Outcomes for Gastric Bypass Surgery” Hagedorn J, Encarnacion B, Ketchum E, Liu I, **Williams DB**, Morton J, The Society of American Gastrointestinal and Endoscopic Surgeons Annual Conference, 2007
- “Predictors of Postoperative Pneumonia Following Laparoscopic Gastric Bypass” **Williams DB**, Torquati A, Melvin W, Martin B, Richards WO, The Society of American Gastrointestinal and Endoscopic Surgeons Annual Conference, 2008
- “Partial Mesenteric Ischemia Alters Biomagnetic Slow Wave” Goodale A, Obioha C, Erickson J, Irimia A, **Williams B**, Bradshaw L, Richards W, Digestive Diseases Week Annual Conference, 2008
- “Impact of Insurance-Mandated Weight Loss Before Bariatric Surgery” **Williams DB**, Torquati A, Melvin W, Holzman M, Richards WO, American Society for Metabolic and Bariatric Surgery Annual Meeting, 2008
- “Impact of linear versus circular stapled gastrojejunostomy on weight loss after laparoscopic roux-en-y gastric bypass (LRGB)” **Williams DB**, Melvin WV, Richards WO, American College of Surgeons Clinical Congress, 2008
- “Minimally Invasive Removal of Silastic Band Following Banded Gastric Bypass” Carpenter RO, **Williams DB**, Richards WO, Society of American Gastrointestinal and Endoscopic Surgeons Annual Conference, 2009
- “Impact of Roux Length on Weight Loss after Laparoscopic Gastric Bypass” **Williams DB**, Melvin WV, Richards WO, Society of American Gastrointestinal and Endoscopic Surgeons Annual Conference, 2009
- “Changing Practice of Laparoscopic Bariatric Surgery in Two Countries” Moscoso E, **Williams DB**, Melvin WV, Holzman MH, Richards WO, Society of American Gastrointestinal and Endoscopic Surgeons Annual Conference, 2009
- “Geographical Variation in Inpatient Mortality and Length of Stay After Laparoscopic Gastric Bypass,” Foster JE, Phillips SE, **Williams DB**, Holzman MH, Melvin WV, Kummerow K, Shelton J, Poulouse BK, Society of American Gastrointestinal and Endoscopic Surgeons Annual Conference, 2010
- “National Variations in Outpatient Laparoscopic Adjustable Gastric Banding Placement” Foster JE, Phillips SE, **Williams DB**, Holzman MH, Poulouse BK, American Society of Metabolic and Bariatric Surgery Annual Meeting, 2010

Other Accomplishments:

- International Surgical Service, Hôpital Albert Schweitzer, Haiti, 2004 and 2005
- Big Sur Half Marathon, 2004
- San Francisco Marathon, 2005
- Nashville Country Music Half Marathon, 2008