

Curriculum Vitae

Todd David Wilson, M.D., F.A.C.S.

PRESENT TITLE:

Associate Professor
Medical Director of Surgical Innovation and Robotics Institute

ADDRESS:

Department of Surgery Division of Minimally Invasive and
Elective General Surgery
The University of Texas Medical School at Houston, John P. and Kathrine G. McGovern
Medical School (a part of UTHealth)
6431 Fannin Street, MSB 4.162, Houston, TX 77030

CITIZENSHIP:

United States

UNDERGRADUATE EDUCATION:

B.S. Chemistry, 1994
United States Naval Academy, Annapolis, MD

GRADUATE EDUCATION:

Doctor of Medicine, 2003
The University of Texas Medical School at Houston
Texas Medical Center, Houston, TX

POST GRADUATE TRAINING:

Residency, General Surgery, 2003 - 2008
The University of Texas Medical School at Houston
Houston, TX

Fellowship, Minimally Invasive and Elective General Surgery, 2008 - 2009
Department of Surgery, The University of Texas Medical School at Houston
Houston, TX

MILITARY SERVICE:

United States Navy, 1993 - 1999

ADMINISTRATIVE AND ACADEMIC APPOINTMENTS:

Associate Professor, 2015 – present

Department of Surgery, Division of Minimally Invasive Surgery

The University of Texas Medical School at Houston, John P. and Kathrine G. McGovern
Medical School (a part of UTHealth), Houston, TX

Assistant Professor, 2009 - 2015

Department of Surgery, Division of Minimally Invasive Surgery

The University of Texas Medical School at Houston, John P. and Kathrine G. McGovern
Medical School (a part of UTHealth), Houston, TX

Medical Director of Surgical Innovation and Robotics Institute, 2009 - present

The University of Texas Medical School at Houston, John P. and Kathrine G. McGovern
Medical School (a part of UTHealth), Department of Surgery, Houston, TX

Director of the Surgical Skills Training Program, 2009-present

The University of Texas Medical School at Houston, John P. and Kathrine G. McGovern
Medical School (a part of UTHealth), Department of Surgery, Houston, TX

Section Chief of Colorectal Surgery, August 2009 – present

The University of Texas Medical School at Houston, John P. and Kathrine G. McGovern
Medical School (a part of UTHealth), Department of Surgery, Houston, TX

HOSPITAL APPOINTMENTS:

Attending Surgeon, August 2008 – present

Harris County Hospital District

Lyndon B. Johnson Hospital

Houston, TX

Staff Surgeon, August 2009 – present

Medical Director of Surgical Innovation and Robotic Institute

Memorial Hermann Hospital - Texas Medical Center

Staff Surgeon, September 2009 – present

Memorial Hermann Surgery Center - Texas Medical Center

Staff Surgeon, September 2009 – 2014
Memorial Hermann Katy Hospital - Katy, TX

Staff Surgeon, September 2009 – present
Memorial Hermann - Memorial City Hospital

Staff Surgeon, 2009 - 2014
The Methodist Hospital - Texas Medical Center

Staff Surgeon, September 2009 – 2011
Memorial Hermann Sugar Land Hospital - Sugar Land, TX

Staff Surgeon, June 2017 – present
Memorial Hermann Hospital Southeast

Staff Surgeon, 2014 - present
Victory Medical Center - Houston, TX

Staff Surgeon, 2015 – present
Surgicare – Houston, TX

LICENSURE:

License # N1226, Texas

CERTIFICATION:

American Board of Surgery, 2009 - present

PROFESSIONAL ORGANIZATIONS:

Local

Houston Bariatric Society, 2009 - present

Regional

Texas Association of Bariatric Surgery, Board of Directors and Secretary, 2009 - present

Texas Association Harris Medical Society, 2010 - present

Texas Medical Association, 2010 - present

South Texas Chapter of the American College of Surgeons, 2010 - present

Texas Association of Surgical Skills Labs (TASSL), 2009 - present, Board of Governors,
2013 - present

National

American Association of Bariatric Surgery, Social Media Committee, 2009 - present
American College of Surgeons, Associate Fellow, 2011 - present
Society of American Gastrointestinal and Endoscopic Surgeons (SAGES), 2010 - present
The Association for Surgical Education, 2010 - present
Clinical Robotics Surgery Association, 2011 – present

HONORS AND AWARDS:

Resident Advocate Award – Chief Resident Class of 2015
Dean’s Teaching Excellence Award - University of Texas Medical School, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016 and 2017
Outstanding Surgery Student – University of Texas Health Science Center Houston Class, 2003
Naval Commendation Medal, 1998, 1999
Naval Achievement Medal, 1996, 1997
Decommissioning Officer of the Deck USS SHENANDOAH
Naval Achievement Medal, 1995
Navy Ship-handler of the Year, 1995
National Champions - U.S. Naval Academy Sailing Team, 1991, 1992, 1993, 1994
Eagle Scout - Boy Scouts of America

SERVICE ON THE UNIVERSITY OF TEXAS MEDICAL SCHOOL AT HOUSTON COMMITTEES:

Senate Faculty, 2010 - 2013

SERVICE ON THE UNIVERSITY OF TEXAS MEDICAL SCHOOL AT HOUSTON AFFILIATED HOSPITAL COMMITTEES:

Operating Room Committee, Memorial Hermann Hospital (MHH) 2009 - present
Surgery Block Schedule Subcommittee, MHH, 2009 - present
Hermann Network Providers Clinical Programs Committee (CPC) Bariatric Subcommittee, 2009 - present
Memorial Hermann Hospital - National Surgical Quality Improvement Program (NSQIP), Committee Champion, 2013 – present

SERVICE TO THE COMMUNITY:

May 1999 - May 2001
HOMES - Volunteer health care for the homeless - establishing member

CURRENT TEACHING RESPONSIBILITIES:

Director of Surgical Skills Training - developed certification program for 40 residents to certify skills in laparoscopic surgery, endoscopic surgery, and robotic surgery.

2009 - present

Surgical Residency Program - responsible for teaching, developing, and supervising 40 residents in the clinical practice of surgery daily.

2009 – present

Minimally Invasive Fellowship, responsible for teaching, developing, and supervising 2 + permanent fellows and additional rotating fellows daily in advanced surgical practices through endoscopy, robotics, and laparoscopic surgery daily.

2009 - present

Medical Students, Department of Surgery
The University of Texas Medical School at Houston
Clerkship lectures and clinical teaching

2009 - present

CURRENT CLINICAL AND SERVICE RESPONSIBILITIES:

General Surgeon:

The Minimally Invasive Surgeons of Texas (MIST) as the elective surgery component
Surgery Department, The University of Texas Medical School at Houston

Fulltime 2009-present

Average approximately 10,000 RVUs per year

CURRENT GRANT SUPPORT/RESEARCH:

Gastric Electrical Stimulation for Drug-refractory Gastroparesis

P.I.: Todd Wilson, MD, FACS

Sponsor: MEDTRONICS: ENTERRA

2011 - present

Validating a certification based surgical skills training program for general surgery residents

P.I.: Todd Wilson, MD, FACS

Sponsor: Simbionix

2014 - present

Laparoscopic ventral hernia repair: the design of a randomized trial to compare bridged and transcutaneous closure of central defect surgical technique

P.I.: Todd Wilson, MD, FACS

2014 – present

A Prospective Randomized Clinical Trial Comparing Patients who have had Longitudinal Sleeve Gastrectomy with Posterior Crural Repair vs. without Posterior Crural Repair.

Co-Investigator: Todd Wilson, MD, FACS

2011 - present

PAST GRANT SUPPORT:

“Improving Patient Safety and Healthcare Delivery Effectiveness by Ensuring Competency for Laparoscopic Surgery: FLS Training and Certification for UT Surgeons and OR Personnel”

P.I.: Todd Wilson, MD, FACS

Sponsor: The University of Texas Health Care Safety and Effectiveness Grants Program

2010 – 2011

“A Study of Clinical Outcomes of the REALIZE Adjustable Gastric Band-C at 2 Years in a US Patient Population of Obese Patients”

Co-Investigator: Todd Wilson, MD, FACS

Sponsor: Quintiles, Inc. (Ethicon Endo-Surgery Inc.), 0.30% effort

2009 - 2013

“A Prospective Investigation of the Use of the Intuitive Surgical Single-site Instruments in a Representative Single Incision Laparoscopic Procedure”

Co-Investigator: Todd Wilson, MD, FACS

Sponsor: Intuitive Surgical Operations, Inc.

2011 – 2014

Primary Obesity Multicenter Incisionless Suturing Evaluation: The PROMISE Trial

Co-Investigator: Todd Wilson, MD, FACS

Sponsor: APOLLO OVERSTICH

2012 - 2015

PUBLICATIONS:

A. Abstracts (*presented):

1. Wilson, EB, **Wilson, T**, Leong B, Snyder B: Robotic Inguinal Hernia Repair during Robotic Prostatectomy: Safe, Efficient, and Effective. The Southwestern Surgical Congress 61st Annual Meeting, San Diego, CA, 2009. p148
2. Brad Snyder MD, Duc Voung MD, **Todd Wilson MD**, Connie Klein NP, Erik Wilson MD “Aggressive support group attendance leads to better weight loss in the first 4 months after gastric banding.” International Federation for the Society of Obesity, Aug 2009
3. Brad Snyder MD, **Todd Wilson MD**, Connie Klein NP, Erik Wilson MD. “Unrealistic weight loss expectations after weight loss surgery seems to be commonplace.” International Federation for the Society of Obesity, Aug 2009
4. Brad Snyder MD, **Todd Wilson MD**, Connie Klein NP, Erik Wilson MD. “Metabolic syndrome is cured more effectively after gastric bypass compared to gastric banding.” International Federation for the Society of Obesity, Aug 2009
5. Brad Snyder MD, **Todd Wilson MD**, Connie Klein NP, Erik Wilson MD. “Creation and Validation of the Measured Outcome Results of Bariatric Interval Data: The MORBID score.” International Federation for the Society of Obesity, Aug 2009
6. **Wilson, T.**, Wilson, E., Snyder, B., Toder, M., Leong, B: Robotic Assisted Roux-en-Y Gastric Bypass: Combined Results of Two High Volume Centers. Oral Presentation, 14th World Congress of the International Federation for the Surgery of Obesity (IFSO), Paris, France, August 2009
7. Carol Wolin-Riklin RD, **Todd Wilson MD**, Brad Snyder MD, Connie Klein NP, Erik Wilson MD: Routine assessment of Vitamin D should be performed for all patients with BMI \geq 30 kg/m²”, poster presentation at The Obesity Society’s 2009 Annual Scientific Meeting, Washington, DC, October 2009
8. Worley, TA, Snyder, BE, Aluka KJ, **Wilson, TD**, Wilson, EB. Creation of a Universal Score. Poster presentation at the 12th World Congress of Endoscopic Surgery, National Harbor, MD 2010. Surg Endos (2010) Suppl 1:24:S350. ID 28504
9. Brad Snyder MD, Erik Wilson MD, **Todd Wilson MD**, Kanayochukwu Aluka MD, Todd Worley MD: Weight loss over time for Adjustable Gastric Bands, Roux-Y Gastric Bypasses, and Sleeve Gastrectomies: A Comparative Analysis. Poster presentation at

the 27th Annual Meeting of the American Society for Metabolic & Bariatric Surgery, Las Vegas, NV 2010

10. Clayton Hackerman MD, Erik Wilson MD, **Todd Wilson MD**, Brad Snyder MD: “Forced erosion and endoluminal retrieval of nonadjustable gastric band”, Accepted for presentation in the Video Session at the 27th Annual Meeting of the ASMBS, Las Vegas, NV June 2010
11. Brad Snyder MD, **Todd Wilson MD**, Erik Wilson MD, Todd Worley MD: Patients Expect to Lose More Than Average Weight After Bariatric Surgery, Accepted for Poster of Distinction at the Scientific Session of the 12th World Congress of Endoscopic Surgery hosted by SAGES and CAGS, National Harbor, MD, April 2010, Surg Endosc (2010) Suppl 1:24:S299 ID 27288
12. Kanayochukwu J Aluka, MD, **Todd D Wilson, MD**, Brad E Snyder, MD, Sherman Yu, MD, Erik B Wilson, MD: “Forced Gastric Wall Erosion and Staged Removal of Nonadjustable Gastric Bands-A Case Series”, 12th World Congress of Endoscopic Surgery, National Harbor, MD 2010. Surg Endos (2010) Suppl 1:24:S348. ID 28457
13. Tieu KK, Allison ND, Haas EM. Snyder BE, **Wilson TD**, Leggett PL, Seger MV, Duperier FT, Andrassy RJ, Wilson EB: Minimally Invasive Surgeons of Texas: A Novel Model for Fellowship Training. 2011 Annual Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) Conference, San Antonio Conference Center, San Antonio, TX, March 2011.
14. Brad Snyder, MD, Sheilendra Mehta, MD; Kulvinder Bajwa, MD; **Todd Wilson, MD**; Connie Klein, NP; Erik Wilson, MD A Randomized Trial Comparing Reflux Symptoms in Sleeve Gastrectomy Patients with or without Hiatal Hernia Repair, ASMBS Obesity Week 2016, New Orleans, LA; October 31-November 4, 2016.
15. Nicholas F. Holton, BA; Melissa M. Felinski, DO; Sheilendra S. Mehta, MD; Kulvinder S. Bajwa, MD; Brad E. Snyder, MD; **Todd D. Wilson, MD**; Peter A. Walker, MD; Kavita D. Chandwani, MD, DrPH; Connie L. Klein, NP; Angielyn R. Rivera; Erik B. Wilson, MD; Shinil K. Shah, DO. Safety of robotic assisted laparoscopic recurrent paraesophageal hernia repair: Insights from a large single institution experience. SAGES 2018, Seattle, WA, April 11-14, 2018.

B. Refereed Original Articles in Journals:

1. *Snyder, Brad E., **Wilson, Todd**; Scarborough, Terry; Yu, Sherman; Wilson, Erik B.: Lowering gastrointestinal leak rates: a comparative analysis of robotic and laparoscopic gastric bypass. *J Robotic Surg.* 2, 159-0163, 2008
2. Snyder B, **Wilson T**, Mehta S, Bajwa K, Robinson E, Worley T, Aluka K, Wolin-Riklin C, Wilson E. Past, present, and future: Critical analysis of use of gastric bands in obese patients. *Diabetes Metab Syndr Obes.* 2010 Apr 1;3:55-65
3. *Brad Elliot Snyder, **Todd Wilson**, Benjamin Y. Leong, Connie Klein and Erik B. Wilson: Robotic-Assisted Roux-en-Y-Gastric Bypass: Minimizing Morbidity and Mortality. *Obesity Surgery* 2010, 20(3), 265-70
4. *Snyder B, Brown N, Wilson E, **Wilson Todd**, Miller N: Single Quadrant Robotically Assisted Roux-en-Y Gastric Bypass: Description of a Surgical Technique. For publication to *Surgical Endoscopy*, January 2012
5. *Melanie L. Hafford, Kent R. Van Sickle, Ross E. Willis, **Todd D. Wilson**, Kristine Gugliuzza, Kimberly M. Brown, Daniel J. Scott: Ensuring Competency: Are fundamentals of laparoscopic surgery training and certification necessary for practicing surgeons and operating room personnel? *Surg Endosc.* 2013 Jan;27(1):118-26
6. Tieu K, Snyder B, Allison N., **Wilson T.**, Toder M., Wilson E.: Robotic-Assisted Roux-en-Y Gastric Bypass: An Update from Two High Volume Centers. *Surg Obes Relat Dis.* 2013 Mar-Apr;9(2):284-8
7. ***Todd Wilson**, Nathan Miller, Nicholas Brown, Brad E. Snyder, Erik B. Wilson: Stent induced gastric wall erosion and endoscopic retrieval of nonadjustable gastric band: a new technique: *Surg Endosc.* 2013 May;27(5):1617-21
8. Brad Snyder, **Todd Wilson**, Vicky Woodruff, Erik Wilson: Robotically Assisted Revision of Bariatric Surgeries Is Safe and Effective to Achieve Further Weight Loss: *World Journal of Surgery*, March 2013;37(11):2569-73
9. Hall JJ, Fischer UM, Shah SK, **Wilson TD**: Video endoscope removal from the right main bronchus using a flexible esophagogastroduodenoscope. *Am Surg.* 2013 May;79(5):E1856
10. Snyder B, Wilson E, **Wilson T**, Mehta S, Bajwa K, Klein C. A randomized trial comparing reflux symptoms in sleeve gastrectomy patients with or without hiatal hernia repair.

Surg Obes Relat Dis. 2016 Nov; 12(9): 1681 – 1688. Doi: 10.1016/J.Soard.2016.09.004. Epub 2016 Sep 14. PMID: 27989522.

11. Vargas EJ, Bazerbachi F, Rizk M, Rustagi T, Acosta A, Wilson EB, **Wilson T**, Neto MG, Zundel N, Mundi MS, Collazo-Clavell ML, Meera S, Abu-Lebdeh HS, Lorentz PA, Grothe KB, Clark MM, Kellogg TA, McKenzie TJ, Kendrick ML, Topazian MD, Gostout CJ, Abu Dayyeh BK. Transoral outlet reduction with full thickness endoscopic suturing for weight regain after gastric bypass: a large multicenter international experience and meta-analysis. *Surg Endosc*. 2017 Jun 29. Doi: 1007/s00464-017-5671-1. (Epub ahead of print) PMID: 28664438

C. Invited Articles (Reviews, Editorials, etc.) in Journals:

Snyder B, Wilson E, **Wilson T**, Worley T, Aluka K, Robinson E, Bajwa K, Mehta S: A Necessary Step? A Critical Analysis of the Use of Gastric Bands in Obese Patients”. Accepted for publication. *Diabetes, Metabolic Syndrome and Obesity*. 2010 Apr 1;3:55-65

D. Books

K.C. Kim (ed.), *Robotics in General Surgery*, DOI 10.1007/978-1-4614-873905_11© Springer Science+Business Media New York 2014. Brad Elliot Snyder, **Todd Wilson**, Benjamin Y. Leong, Connie Klein and Erik B. Wilson: Robotic-Assisted Roux-en-Y-Gastric Bypass: Minimizing Morbidity and Mortality. *Obesity Surgery* 20(3), 265-70, 2010.

E. Other Professional Communications

Presentations:

1. “Surgical Endoscopy”, Grand Rounds, University of Texas Medical School, Department of Surgery, Houston, TX, January 2009
2. “Endoluminal Bariatric Surgery”, Texas Weight Loss Surgery Summit, Houston, TX, January 2010
3. “Surgical Endoscopy”, Grand Rounds, University of Texas Medical School, Department of Surgery, Houston, TX, March 2010
4. “Advancements in Laparoscopic Hernia Repair with Synthetic Grafts”, Houston Hernia Center, UTHealth/Memorial Hermann Hospital, hosted by Bard Davol, Inc., Houston, TX, December 12, 2010

5. "Endo-Assisted Component Separation with Biologic Reinforcement", Video/Didactic Presentation, UTHealth Medical School, hosted by Bard Davol, Inc. Houston, TX, December 13, 2010
6. "How To" Segment: Upper Abdomen Approaches", 3rd Worldwide Congress Clinical Robotic Surgery Association, Houston, TX, November 3 - 5, 2011
7. "Endoscopic Revisions: The Latest Options", Texas Association for Bariatric Surgery 2012 Annual Meeting, Austin, TX, January 21, 2012
8. "Laparo-Endoscopic Single Site (LESS) Colorectal Surgery", 2012 Seventh Annual Academic Surgical Congress, Las Vegas, NV, February 14 - 16, 2012
9. "Stent Erosion Abstract for the Results of 28 Consecutive Cases," 13th World Congress of International Federation for the Surgery of Obesity and metabolic Disorders, Istanbul, Turkey, August 28 – 31, 2013
10. SAGES Symposium on 3D, invited guest speaker for Olympus, Salt Lake City, UT, April 2 - 4, 2014
11. "Fluorescence Imaging" Invited presenter for Novadaq at iSPIES 2014 Summit, Las Vegas, NV, June 6 - 8, 2014
12. Surgical Skills Round-Up Chair for South Texas ACS Annual Meeting, Houston, TX, February 26 - 27, 2015
13. ASMBS, Obesity Week-End, Annual Clinical Symposium, Las Vegas, NV, Live Surgery Broadcast, Endo Stoma Reduction/Fistula Closure/Septotomy, UTHealth Houston, TX, June 26, 2015
14. Clinical Skills Lab, General Surgery Grand Rounds, UTHealth, October 29, 2015
15. ASMBS, Obesity Week, Co-Director, Endoluminal Primary and Revisional Suturing Approached Hands on Lab, Los Angeles, CA, November 3, 2015
16. ASMBS, Obesity Week, Live Surgery Broadcast, UTHealth Houston, TX, November 6, 2015
17. Clinical Skills Lab, General Surgery Grand Rounds, UTHealth, March 10, 2016

18. Invited Speaker for Surgical Disruptive Technology Summit, 1st Annual Bariatric Endoscopy, Laparoscopic vs. Robotic vs. Open Inguinal Hernia Repair: Indications, Houston, TX 03/12/2016
19. Invited Speaker for SAGES 2016, Olympus Symposium Presentation and Video, The Right Stuff, Boston, MA, March 17, 2016
20. Transoral Outlet Reduction With Full Thickness Endoscopic Suturing For Weight Regain After Gastric Bypass: A Large Multicenter International Experience And Meta-Analysis. Poster presentation at Digestive Disease Week®, Chicago, IL, May 6-9, 2017,

SOFTWARE DEVELOPMENT

1. Designed, developed, and deployed an iPhone app called the Surgical Weight Loss Calculator help bariatric surgeons discuss the potential weight loss benefits of different surgical options, 2016 - 2017.
2. Designed, developed, and deployed an iPhone app for physicians that greatly increases the ease of procedure case log management and documentation. The app, Tribble, is a user friendly, secure app that is currently the most time efficient logging tool for physicians, 2016 - 2017.
3. Designed, developed, and implemented skills training software to work with Simbionics virtual reality trainers to track and motivate progress in resident skills certifications, 2016 - 2017.
4. Selected, invited to, and attended the Apple World Wide Developers Conference in 2017 as an Apple developer, June 2017.
5. Designed, developed, and implemented surgical note writing tools to increase note writing efficiency and comprehensiveness for use in surgery clinic, 2017.