

Timothy M. Geiger

Address:

Vanderbilt University Medical Center
Colon and Rectal Surgery
1161 21st Ave. South
D5248 MCN
Nashville, TN 37232-2543
(o)615-343-4612
(f)615-343-4615
www.vanderbiltcolorectal.com

Education:

College:

1995-1999 University of Missouri (Columbia, MO) Bachelor of Science
Business Administration- Finance and Banking, *Magna cum
Laude*

Graduate:

2000- 2004 University of Missouri (Columbia, MO) M.D.

Postgraduate Training:

2004-2005 Internship: University of Missouri (Columbia MO) Department of
General Surgery

2005-2008 Residency: University of Missouri (Columbia MO) Department of
General Surgery

2008-2009 Chief Resident: University of Missouri (Columbia MO) Department
of General Surgery

2009-2010 Fellowship: Lahey Clinic (Burlington, MA) Department of Colon
and Rectal Surgery

2015-2016 Masters in Management of Health Care, Vanderbilt University,
(Nashville TN)

Licensure and Certifications:

State board of health licenses:

2004-2010 Missouri
2009-2010 Massachusetts

Timothy M. Geiger

2010-Current Tennessee (#46108)

Speciality Boards:

2010- Current American Board of Surgery certification #55520
2011- Current American Board of Colon and Rectal Surgery certification
#2198

Society Certifications:

2009- Current Fundamental of Laparoscopic Surgery (Society of
American Gastrointestinal and endoscopic Surgeons)
2012-Current Fellow of the American College of Surgeons
2014-Current Fellow of the American Society of Colon and Rectal
Surgeons

Academic Appointments:

2009-2010 Clinical Instructor, Dept. of Surgery, Tufts University School of
Medicine, Colon and Rectal Surgery; Boston, MA

2010-2014 Assistant professor of Surgery, Dept. of General Surgery, Colon
and Rectal Surgery, Vanderbilt University; Nashville, TN

2012-2014 Director, Vanderbilt University Hereditary Colorectal Cancer
Registry, Dept. of Surgery, Colon and Rectal Surgery, Vanderbilt
University; Nashville, TN

2014-Current Director, Clinical Trials. Division of General Surgery, Vanderbilt
University

2014-Current Associate Medical Director, Surgical Patient Care Center

2015-Current Associate Professor of Surgery, Dept. of General Surgery, Colon
and Rectal Surgery, Vanderbilt University; Nashville, TN

2015-Current Director, Colon and Rectal Surgery Program, Vanderbilt
University; Nashville, TN

2015-Current Deputy Chief, Surgical Quality for Section of Surgical Sciences,
Vanderbilt University Medical Center

2016-Current Chief, Division of General Surgery, Vanderbilt University Medical
Center

Timothy M. Geiger

Professional Organizations:

2004- Current	American College of Surgeons
2006-Current	American Society of Colon and Rectal Surgeons
2011-Current	American Medical Association
2012-Current	Collaborative Group of the Americas on Inherited Colorectal Cancers
2013-Current	Piedmont Society of Colon and Rectal Surgeons (elected member)

Professional Activities:

Intramural:

2012	Vanderbilt University, Dept. of Surgery, Physicians compensation committee, member
2013-Current	Vanderbilt University, Dept. of Surgery, Joint Commission Colorectal Surgical Site Infection Pilot Project, member
2013-Current	Vanderbilt University, Dept. of Surgery, Colorectal Task Force, co-chair
2014-Current	Vanderbilt University, Dept. of Surgery, Vanderbilt Surgical Improvement Initiative committee member
2014-Current	Vanderbilt University, Medical Center, Perioperative quality improvement committee member

Extramural:

2015-Current	American Board of Colon and Rectal Surgeons, Associate Examiner
2012-2015	Diseases of the Colon and Rectum, Board member, Selected abstracts committee, nominated position

Timothy M. Geiger

- 2013-Current American Board of Surgery, Committee for the Certifying Examination- colorectal surgery
- 2013-Current University of Missouri, Alumni Association, Finance committee member, 3 year term
- 2014 American Board of Surgery, Examiner, Certifying Examination
- 2014-Current State of Tennessee, Tennessee payment reform initiative-technical advisory group committee member
- 2014-Current American Society of Colon and Rectal Surgeons- Young Surgeons Board member
- 2014-Current American Society of Colon and Rectal Surgeons- Quality Assessment and Safety committee member, nominated position
- 2012-Current Annals of Surgical Oncology, ad hoc reviewer
- 2013-Current World Journal of Colorectal Surgery, ad hoc reviewer
- 2013-Current Diseases of the Colon and Rectum, ad hoc reviewer
- 2015-Current American Journal of Surgery, ad hoc reviewer

Special Awards:

- 1998-1999 University of Missouri, Athletic Dept., Big Twelve Conference All-Academic First Team
- 1999-2000 University of Missouri, Athletic Dept., Big Twelve Conference All-Academic First Team
- 1999 University of Missouri, Athletic Dept., Award for Academic Excellence
- 2004 University of Missouri, Dept. of Surgery, the Donald Silver Award for Excellence in Vascular Surgery
- 2004 University of Missouri, Dept. of Surgery, The Marion S. DeWeese Award for General Surgery,
- 2006 University of Missouri, Dept. of Surgery, Outstanding resident teaching award
- 2006 American College of Surgeons, Missouri Chapter, Best Resident Presentation
- 2006 Society of Laparoscopic Surgeons, Honorable Mention- Best General Surgery Video, Annual meeting
- 2007 University of Missouri, Dept. of Surgery, Outstanding resident teaching award

Timothy M. Geiger

2010 Vanderbilt University, School of medicine, Third year medical student teacher appreciation award

Teaching Activities:

2010 Community hospital grand rounds- 1 hour talks to medical professionals for CME credit. Cumberland Medical Center, Crossville, TN

2011 Community hospital grand rounds- 1 hour talks to medical professionals for CME credit. United Regional Medical Center, Manchester, TN

2011 Department of Medicine, Vanderbilt University, Medical grand round presenter

2011 Department of Surgery, Vanderbilt University. Surgical grand rounds presenter

2011-2012 Department of Surgery, Vanderbilt University, Mock Oral Examination Moderator

2011-Current Department of Surgery, Vanderbilt University, moderator and presenter, Resident's teaching conference. Semi-annual (based on invitation) presentation/moderation of disease specific lectures on Friday mornings

2012 Department of Medicine, Vanderbilt University, Medical grand round presenter

2012 Brentwood High School Career Shadow Day, 2 students

2012-2013 Department of Surgery, Vanderbilt University, Mock Oral Examination Moderator

2012-2013 School of Medicine, Vanderbilt University. Continuity Clinical Experience preceptor. Part of the medical school new curriculum with 1 on 1 mentoring of a student for ~20 days per year (both clinical and operative)

2012-2013 School of Medicine, Vanderbilt University. 9 medical students not rotating on colorectal surgery requested a shadowing experience with me

2012-Current School of Medicine, Vanderbilt University. "Colon and Rectal Cancer" recurrent lecture given to each block of medical students that rotate through the surgery portion of the clinical rotations (lecture is given ~8 times a year)

2013-2014 School of Medicine, Vanderbilt University. Continuity Clinical Experience preceptor. Part of the medical school new curriculum with 1 on 1 mentoring of a student for ~20 days per year (both clinical and operative)

2013-2014 School of Medicine, Vanderbilt University. 3 medical students not rotating on colorectal surgery participated in shadowing experiences with me

Grants:

Timothy M. Geiger

1. **“A Randomized Controlled Trial of 2% Chlorhexidine Gluconate Skin Preparation Cloths for the Prevention of Post-Operative Surgical Site Infections in Colorectal Patients”**

Industry sponsor- Johnson & Johnson, 2014

Investigators- S. Klintworth, M McEvoy, E Sherwood, T. Geiger, E. Card, D. Michaels

Publications and Presentations:

Articles in Refereed Journals:

1. **“Bipolar and Monopolar Radiofrequency Treatment of Osteoarthritic Knee Articular Cartilage”** J. Cook, K. Kuroki, K. Kenter, K. Marberry, T. Brawner, T. Geiger, P. Jaybalan, B. S. Bal. The Journal of Knee Surgery, 17(2):99-108, 2004 April PMID#15124662
2. **“Laparoscopic Resection of Colon Cancer and Synchronous Liver Metastasis”** T. Geiger, Z. Tebb, E. Sato, B. Miedema, Z. Awad. Journal of Laparoendoscopic and Advanced Surgical Techniques, 16(1):51-53, 2006 February PMID#16494549
3. **“Massive Hemoperitoneum from Transhepatic Perforation of the Gallbladder”** D. Kolder, T. Geiger, A. Tharakan, J. Kessel, Z. Awad. The Mount Sinai Journal of Medicine, 73(8): 1135-1136, 2006 December PMID#17285213
4. **“Re-operating on Gastric Bypass Patients: High Incidence of Mesenteric Defects”** S. Bachman, T. Geiger, P. Rippey, A. Ramaswamy, R. de la Torre, S. Scott, Journal of the American College of Surgeons, 205(3): S12-S13 2007 September
5. **“Improving Rates for Screening Colonoscopy: Analysis of the Health Information National Trends Survey (HINTS I) Data”** T. Geiger, B. Miedema, M. Geana, K. Thaler, N. Rangnekar, G. Cameron. Surgical Endoscopy, 22(2):527-33, 2008 February PMID#18074184
6. **“Prognostic Indicators of Quality of Life after Cholecystectomy for Biliary Dyskinesia”** T. Geiger, M. Burgard, W. Davis, A. Singh, K. Thaler, B. Miedema. American Surgeon, 74(5):400-404, 2008 May PMID#18481495
7. **“Stent Placement for Benign Colorectal Stenosis: Case Report, Review of the Literature, and Animal Pilot Data”** T. Geiger, B. Miedema, Z. Tsereteli, E. Sporn, K. Thaler, International Journal of Colorectal Disease, 23(10):1007-12, 2008 October PMID#1854837

Timothy M. Geiger

8. **“Placement of a covered polyester stent prevents complications from a colorectal anastomotic leak and supports healing: randomized controlled trial in a large animal model.”** Tsereteli Z, Sporn E, Geiger TM, Cleveland D, Frazier S, Rawlings A, Bachman SL, Miedema BW, Thaler K.. *Surgery*, 144(5):786-92, 2008 November PMID# 19081022

9. **“Laparoscopic Transperitoneal Repair of Flank Hernias: A Retrospective Review Of 27 Patients”** C. Edwards, T. Geiger, K. Bartow, L. Jeansonne, B. Barden, A. Ramaswamy, K. Thaler, N. Fearing, B. Ramshaw. *Surgical Endoscopy* , 23(12):2692-6, 2009 December PMID#19462203

10. **“Has the use of anti-adhesion barriers affected the national rate of bowel obstruction?”** T. Geiger, P. Roberts, T. Read, P. Marcello, D. Schoetz, R. Ricciardi. *American Surgeon*, 77(6):773-777, 2011 June PMID#21679649

11. **“Perioperative core body temperatures effect on outcome after colorectal resections”** T. Geiger, S Horst, R Muldoon, P Wise, J Ehrenfeld, B Poulouse, A Herline. *American Surgeon*. 78(5):607-12, 2012 May PMID#22546136

12. **“Increasing lynch syndrome identification through establishment of a hereditary colorectal cancer registry”** D. Sturgeon, T. McCutcheon, T. Geiger, R. Muldoon, A. Herline, P. Wise. *Diseases of the Colon and Rectum*, 56(3):308-14, 2013 March PMID#23392144

13. **“Review of Master Techniques in General Surgery: Colon and Rectal Surgery: Abdominal Operations”** T. Geiger. *Annals of Surgery*, 257(5):986, 2013 May

14. **“Perineal Lymphoma: A Diagnostic Challenge”** R Kauffmann, B Grayson, Claudio A Mosse, T. Geiger. *American Surgeon*. 80(11):E302-3, 2014 November PMID#25347485

15. **“Smoking as Dominant Risk Factor for Anastomotic Leak after Left Colon Resection”** R. Baucom, B. Poulouse, A. Herline, R. Muldoon, M. Cone, T. Geiger. *American Journal of Surgery* . Am J Surg. 210(1):1-5; 2015 July. PMID#25910885

16. **“Association of Perioperative Hypothermia During Colectomy With Surgical Site Infection.”** R. Baucom, S. Phillips, J. Ehrenfeld, R. Muldoon, B. Poulouse, A. Herline, P. Wise, T. Geiger. *JAMA Surgery*. 150(6):570-5. June 2015. PMID#2592410

Timothy M. Geiger

17. **“Use of Endoscopic Ultrasound to Guide Adalimumab Treatment in Perianal Crohn's Disease Results in Faster Fistula Healing.”** D. Wiese, D. Beaulieu, J. Slaughter, S. Horst, J. Wagnon, C. Duley, K. Annis, A. Nohl, A. Herline, R. Muldoon, T. Geiger, P. Wise, D. Schwartz. Inflamm Bowel Dis:21(7):1594-9; 2015 Jul. PMID# 25985245
18. **“Disruptive Education: Training the Future Generation of Perioperative Physicians.”** King AB, McEvoy MD, Fowler LC, Wanderer JP, Geiger TM, Furman WR, Sandberg WS. Perioper Med (Lond), February 2016. PMID#26629869
19. **“A perioperative consult service results in reduction in cost and length of stay for colorectal surgical patients: evidence from a healthcare redesign project.”** McEvoy MD, Wanderer JP, King AB, Geiger TM, Tiwari V, Terekhov M, Ehrenfeld JM, Furman WR, Lee LA, Sandberg WS. Perioper Med (Lond): 5;5:3. 2016 Feb. PMID#26855773
20. **“Perioperative hypothermia: turning up the heat on the conversation”.** R. Baucom, B. Poulouse, T. Geiger. Accepted for publication in Translational Gastroenterology and Hepatology, 2016

Books, Book Chapters and Invited Review Articles:

1. **“Physiologic Consequences of Laparoscopic Surgery”** T. Geiger, W. S. Eubanks, International Principles of Laparoscopic Surgery, E Freeza, M Gagner, and M Li. Chapter 6:75-82, 2010
2. **“Screening Options for Colorectal Cancer”** T. Geiger, R. Ricciardi, Clinics in Colon and Rectal Surgery, 22(4)209-217, 2009 Nov PMID#21037811
3. **“Outcomes of Fast Track Pathways for Open and Laparoscopic Surgery”**, T. Geiger, G. Mackay, R. Ricciardi, Seminars in Colon and Rectal Surgery, 21(3) 170-5, September 2012
4. **“Colon Cancer”** T. Geiger, Pocket General Surgery, 2nd ed. Lillemoe KD, Schulick RD and Miskulin J, eds.; PocketMedicine.com, Inc., New York, (in press)
5. **“Complications Following Colon Rectal Surgery in the Obese Patient”** T. Geiger, R Muldoon. Clinics in Colon and Rectal Surgery, 24(4) 274-82, 2011 Dec PMID#23204943
6. **“Surgical Treatment of Fecal Incontinence”** Geiger T, Wise PE, Kodner JJ. Surgical treatment of fecal incontinence. Clinical Gynecology, 2nd Edition, E. Bieber, J. Sanfilippo, I. Horowitz, et al. Chapter 30:432-50, 2015

Timothy M. Geiger

7. **“Colonic Volvulus”** T. Geiger. Clinical Decision Support CDS In: Lillemoe KD, de Moya M, House M, Hutter M (eds.), Clinical Decision Support System on Surgery (electronic, in press)
8. **“Robotic Completion Proctectomy with Intersphincteric Dissection from an Abdominal Approach”** T. Geiger. Accepted for use by the American Society of Colon and Rectal Surgeons online training program (CREST), 2013
9. **“Robotic APR with Dissection into the Ischiorectal Space”** T. Geiger. Accepted for use by the American Society of Colon and Rectal Surgeons online training program (CREST), 2013
10. **“Benign Anorectal Disease”** Core Subject Update, American Society of Colon and Rectal Surgeons education website (fascrs.org), 2015
11. **“Bowel Stapling and Closure Techniques”** T. Geiger, M. Cone. Hinman’s Atlas of Urologic Surgery, Chapter 4; (in press)
12. **“The Management of Colonic Volvulus”** T. Geiger, A Herline, Current Surgical Therapy, Chapter 39. Cameron, Cameron (eds.); (in press)

Presentations at Scientific Meetings:

1. **“Early Endoscopic Treatment of Blunt Hepatic Trauma with Biliary Fistula: A case series and review of the literature”**
Presented at Society of Gastrointestinal and Endoscopic Surgeons annual conference, Denver CO, April 2004 (peer reviewed)
2. **“Treatment of Air Embolism in Blunt Thoracic Trauma: A Case Report and Review of the Literature”** Presented at the MO chapter of American College of Surgeons, Lake of the Ozarks MO, June 2005 (peer reviewed)
3. **“Laparoscopic Hand-Assisted Left Lateral Segmentectomy for Colorectal Liver Metastasis”** Presented at the Society of Laparoscopic Surgeons International Congress, San Diego CA, September 2005 (peer reviewed)
4. **“Technical Aspects of a Laparoscopic Right Hemicolectomy”** Presented at the Southwestern Surgical Congress annual meeting, Kauai HI, April 2006 (peer reviewed)
5. **“Prognostic Indicators of Quality of Life after Cholecystectomy for Biliary Dyskinesia”** Presented at the Missouri Chapter of the American College of Surgeons, Lake of the Ozarks MO, June 2006 (peer reviewed)
Winner- Best resident presentation

Timothy M. Geiger

6. **“Virulizing Adrenal Oncocytoma: A case report and review of the literature”** Presented at the Missouri Chapter of the American College of Surgeons, Lake of the Ozarks MO, June 2006 (peer reviewed)
7. **“The Laparoscopic Repair of Suprapubic Hernia”** Presented at the Society of Laparoendoscopic Surgeons, September, Boston MA, 2006 (peer reviewed)
8. **“Laparoscopic Near Total Gastrectomy for Severe Gastroparesis”** Presented at the Society of Laparoendoscopic Surgeons, Boston MA, September 2006 (peer reviewed) **Winner- Honorable Mention, Best General Surgery Video**
9. **“Laparoscopic Sigmoid Colectomy in a patient with situs inversus: A case report and review of the literature”** Presented at the Association of Academic Surgery, San Diego CA, February 2006 (peer reviewed)
10. **“Treatment of Air Embolism in Blunt Thoracic Trauma: A Case Report and Review of the Literature”** Presented at the Southwestern Surgical Congress, Kauai HI, April 2006 (peer reviewed)
11. **“Prognostic Indicators of Quality of Life after Cholecystectomy for Biliary Dyskinesia”** Presented at the American College of Gastroenterology annual meeting, Las Vegas NV, October 2006 (peer reviewed)
12. **“The Laparoscopic Repair of a Suprapubic Hernia”** Presented at the American Hernia Society, San Diego CA, June 2006 (peer reviewed)
13. **“Laparoscopic Repair of Flank Hernia with Mesh Following Open Nephrectomy”** Presented at the American Hernia Society, San Diego CA, June 2006 (peer reviewed)
14. **“Stent placement for benign rectosigmoid stenosis: A case report, review of the literature, and animal pilot data”** Presented at the European Association for Endoscopic Surgery International Congress, Athens Greece, July 2007 (peer reviewed)
15. **“Re-operating on gastric bypass patients: High incidence of mesenteric defects”** Presented at the American College of Surgeons annual meeting, New Orleans LA, October 2007 (peer reviewed)
16. **“Decision Making Process for Screening Colonoscopies”** Presented at the Society of American Gastrointestinal and Endoscopic Surgeons annual conference, Las Vegas NV, April 2007 (peer reviewed)
17. **“Post gastric bypass patient presentation to the emergency department: The incidence of internal hernias and mesenteric defects”** Presented at the American College of Emergency Physicians Annual Meeting, Seattle WA, October 2007 (peer reviewed)

Timothy M. Geiger

18. **“Laparoscopic resection of a retro-rectal mass”** Presented at the American Society of Colon and Rectal Surgeons annual meeting, Boston MA, June 2008 (peer reviewed)
19. **“Has the use of anti-adhesion barriers changed the admission rates for small bowel obstruction”** Presented at the New England Society of Colon and Rectal Surgeons annual meeting, Westbrook CT, June 2010 (peer reviewed)
20. **“Has the use of anti-adhesion barriers changed the admission rates for small bowel obstruction”** Presented at the American Society of Colon and Rectal Surgeons annual meeting, Minneapolis MN, May 2010 (peer reviewed)
21. **“Does Alvimopan augment the short-term outcomes of laparoscopic segmental colectomy apart from an accelerated care pathway?”** presented at the New England Surgical Society, Saratoga Springs NY, October 2010 (peer reviewed)
22. **“Peri-operative core body temperatures effect on outcome after colorectal resections”** Presented at the American Society of Colon and Rectal Surgeons annual meeting, Vancouver Canada, May 2011 (peer reviewed)
23. **“Increasing high risk patient identification through establishment of a hereditary colorectal cancer registry.”** (D. Sturgeon) Presented at the American Society of Colon and Rectal Surgeons annual meeting, Vancouver Canada, May 2011 (peer reviewed)
24. **“Transanal Endoscopic Microsurgery”** (T. McCutcheon). Presented at the Society of Gastroenterology Nurses and Associates Annual Meeting, Phoenix AZ, May 2012 (peer reviewed)
25. **“Five year analysis of the impact of perioperative core body temperature on postoperative complications”** Presented at the American Society of Colon and Rectal Surgeons Annual Meeting, San Antonio TX, June 2012 (peer reviewed)
26. **“Presacral space desmoid tumor after ileo-pouch anal anastomosis: a case report”** (D. Sturgeon) Presented at the Collaborative Group of the Americas meeting, Boston MA, October 2012 (peer reviewed)
27. **“Surgical Outcomes II”** Session Moderator, the American Society of Colon and Rectal Surgeons Annual Meeting, Phoenix, AZ, April 2013
28. **“Infection control and reporting: lessons learned”** Presented at the Piedmont Society of Colon and Rectal Surgeons; Jacksonville FL, August 2013
29. **“The current state of TEMs”** Presented at the Piedmont Society of Colon and Rectal Surgeons; Tampa FL, August 2013

Timothy M. Geiger

30. **“Benign Anorectal: Pruritus, pilonidal disease, and hydradenitis”** Core subjects update, Presented at the American Society of Colon and Rectal Surgeons Annual Meeting, Hollywood FL, May 2014 (invited)
31. **“Smoking is the dominant risk factor for anastomotic leak after left colon resection”** (R. Baucom) Presentation at the American Society of Colon and Rectal Surgeons Annual Meeting, Hollywood FL, May 2014 (peer reviewed)
32. **“Geriatrics and Surgery: Decision-Making in the Elderly”** Symposium co-director, the American Society of Colon and Rectal Surgeons Annual Meeting, Hollywood FL, May 2014
33. **“Development of a Colorectal Surgery Reporting Tool: The No Bugs Dashboard.”** (J. Ehrenfeld), Presented at the International Anesthesia Research Society Meeting, Montreal, Canada. 5/14 (peer reviewed)
34. **“A review of pruritus, pilonidal disease and hidradenitis”** Presented at the Piedmont Society of Colon and Rectal Surgeons; Jacksonville FL, August 2014 (invited)
35. **“Implementation of an Enhanced Recovery Pathway after Colorectal Surgery- a multispecialty approach to success”** Presented at the Southern Society for Clinical Surgery meeting, Nashville TN, March 2015 (invited)
36. **“Restorative Proctocolectomy- 3 Stage vs. 2 Stage, vs. 1 Stage”** Presented at the American Society of Colon and Rectal Surgeons annual meeting, Boston MA, May 2015 (invited)
37. **“Restorative Proctocolectomy for Chronic Ulcerative Colitis”** Presented at the Piedmont Society of Colon and Rectal Surgeons; Destin FL, August 2015
38. **“Everything but Operating- Perioperative Care of the Colon”** Presented at surgical grand rounds. Vanderbilt University, Nashville TN, January 2016 (invited)