

**MICHAEL SCHWEITZER, M.D., F.A.C.S.**

**Curriculum vitae**

**Demographic Information**

**Current Appointment**

Associate Professor of Surgery  
The Johns Hopkins University School of Medicine  
Co-Director of Johns Hopkins University Minimally Invasive Surgery Fellowship  
Director of Minimally Invasive Bariatric Surgery

**Personal Data**

Johns Hopkins Bayview Medical Center  
Department of Surgery  
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**Education and Training**

1983-1987 Bachelor of Science in Chemical Engineering  
University of South Florida

1987-1991 Doctor of Medicine  
University of Maryland

1991-1992 Intern General Surgery  
Case Western Reserve General Surgery Program, Cleveland, Ohio  
Chair: Jerry Shuck, M.D.

1992-1996 Resident General Surgery  
Case Western Reserve General Surgery Program, Cleveland, Ohio  
Chair: Jerry Shuck, M.D.

**Professional Experience**

1996-1997 Virginia Surgical Specialists, Richmond, Virginia  
General and Vascular Surgical Group (dissolved)  
Instruct Medical College of Virginia Surgical Residents

1997-1997 Commonwealth Surgeons, LTD., Richmond, Virginia

General and Vascular Surgical Group  
Attending Trauma call at the Medical College of Virginia

1997-1999 Medical College of Virginia  
Assistant Professor of Surgery  
Chair: Harvey Sugarman, M.D. (interim)

2000-2001 Georgetown University Hospital  
Assistant Professor of Surgery  
Chair: John Lynch, M.D. (interim)

2001- 2003 Sinai Hospital of Baltimore  
Assistant Professor of Surgery  
The Johns Hopkins University School of Medicine  
Chair: John L. Cameron, M.D., F.A.C.S., F.R.C.S.

2003-2007 The Johns Hopkins University School of Medicine  
Assistant Professor of Surgery  
Chair: Julie Freischlag, M.D.

2007- The Johns Hopkins University School of Medicine  
Associate Professor of Surgery  
Chair: Julie Freischlag, M.D.

## **Research Activities**

### **Publications**

1. **Schweitzer, M.A.**, Sweiss, I., Silver, D.L., Stellato, T.A. The clinical spectrum of clostridium difficile colitis in immunocompromised patients. *American Surgeon*. 1996; 62: 603-7.
2. Marks JM, Dunkin BJ, Shillingstad BL, Youngelman DF. **Schweitzer MA**, Lash RH, Singh J, Ponsky L, Ponsky JL. Pretreatment with allopurinol diminishes pancreatography-induced pancreatitis in a canine model. 1998; *gastrointestinal endoscopy* 48: 180-183.
3. **Schweitzer MA**, Broderick TJ, Demaria EJ, Sugarman HJ. Laparoscopic assisted roux-en-y gastric bypass. *Journal of Laparoendoscopic & Advanced Surgical Techniques*. 1999; 9: 449-453.

4. **Schweitzer MA**, Demaria EJ, Sugerman HA. Laparoscopic closure of mesenteric defects after Roux-en-y gastric bypass. *Journal of Laparoendoscopic & Advanced Surgical Techniques*. 2000; 10: 173-175.
5. **Schweitzer MA**, Demaria EJ, Sugerman HA. Laparoscopic roux-en-y gastric bypass. *Surgical Rounds*. 2000; 23: 371-380.
6. Sugerman HJ, Sugerman EL, Wolfe L, Kellum JM Jr, **Schweitzer MA**, DeMaria EJ. Risks and benefits of gastric bypass in morbidly obese patients with severe venous stasis disease. *Annals of Surgery*. 2001; 234: 41-6.
7. Demaria EJ, **Schweitzer MA**, Kellum JM Jr., Meador J, Wolfe L, Sugerman HJ. Hand-assisted laparoscopic gastric bypass does not improve outcome and increases costs when compared to open gastric bypass for surgical treatment of obesity. *Surgical Endoscopy*. 2002; 16: 1452-5.
8. **Schweitzer M**. Endoscopic intraluminal suture plication of the gastric pouch and stoma in postoperative roux-en-y gastric bypass patients. *J Laparoendosc Adv Surg Tech A*. 2004; 14: 223-6.
9. Amir RA, Al-Khuraishi, Clark, Solga SF, Torbenson M, Tabesh A, **Schweitzer M**, Diehl AM, Magnuson TH. Race and co-morbid factors predict NAFLD histopathology in severely obese patients. *Surgery of Obesity and Related Diseases*. 2005; 1: 6-11.
10. **Schweitzer MA**, Lidor A, Magnuson TF, Incision-free minimally invasive gastric surgery. *Bariatric Times*. 2005; 2: 25-30.
11. Shermak MA, Chang D, Magnuson T, **Schweitzer M**, An Outcomes Analysis of Patients Undergoing Body Contouring Surgery after Massive Weight Loss. *Plastic and Reconstructive Surgery* 2006;118:1026-31.
12. **Schweitzer MA**, Lidor A, Magnuson TH. 251 consecutive laparoscopic gastric bypass operations using a 2 layer gastrojejunostomy technique with a zero leak rate. *J Laparoendosc Adv Surg Tech A*. 2006; 16:83-87.
13. Chamberlain A, Cheung D, Fobi M, Groh E, Jordan P, Khalili T, Rosenthal R, Rowen L, **Schweitzer M**, Swartz E, Tyler R. Urgent and Emergent Management of Postoperative Bariatric Surgery Patients. *Bariatric Nursing and Surgical Patient Care*. 2006; 1:5-14.
14. Lum YW, House MG, Hayanga AJ, **Schweitzer MA** Post-Cholecystectomy Syndrome In The Laparoscopic Era *Laparoendosc Adv Surg Tech A*. 2006;16:482-5.

15. **Schweitzer MA**, Gandsas A, Steele, K, Lidor A, Magnuson TH. Vessel Sealing Energy Devices Used In Laparoscopic Bariatric Surgery. *Bariatric Times* 2006; 3:14-15.
16. **Schweitzer MA**, Steele, K, Lidor A, Failure of the Adjustable Gastric Band System Due To A Leak Of Saline. *Surgery of Obesity and Related Diseases* 2006;2:413.
17. Steele K, **Schweitzer MA**, Lidor A, Magnuson TH. An Unusual Case Of A Gastric Bezoar Causing Obstruction After Roux-en-Y Gastric Bypass. *Surgery of Obesity and Related Diseases* 2006;2:536-537.
18. **Schweitzer MA**, Steele K, Lidor A, Magnuson TH. Acute Vena Cava Thrombosis after Placement of Retrievable IVC Filter Prior to Laparoscopic Gastric Bypass Surgery of Obesity and Related Diseases 2006;2: 661-663.
19. Steele, **Schweitzer MA**, Lidor A, Magnuson TH. Venous Thromboembolism following Laparoscopic Roux-en-Y Gastric Bypass. *Bariatric Times* 2006;3:8-9.
20. Gandsas A, **Schweitzer MA**. Bariatric centers of excellence as another pay-for-performance program. *Laparoscopy Today* 2006;5:5-10.
21. Collins BJ, Miyashita T, **Schweitzer M**, Magnuson T, Harmon JW, Gastric Bypass, Why Roux-en-Y, A Review of Experimental Data. *Archives of Surgery* 2007;142 (10):1000-1003.
22. Kirkness JP, Patil SP, Schneider H, Punjabi NM, Maly JJ, Laffan AM, McGinley BM, Magnuson T, **Schweitzer M**, Lidor A, Smith PL, Schwartz AR, Upper Airway Mechanics Link Sleep Apnea Risk Factors and Disease submitted to *American Journal of Respiratory and Critical Care Medicine* May 2007
23. Steele K, Prokopowicz G, Lidor A, Magnuson TH, **Schweitzer MA**. Laproscopic antecolic Roux-en-y gastric bypass with closure of internal defects leads to fewer internal hernias than retrocolic approach *Surgical Endoscopy* 2008; 22 (9): 2056-2061.
24. Steele K, **Schweitzer M**, Kantsevov S, Flexible Transgastric Peritoneoscopy and Liver Biopsy: A Feasibility Study In Humans. *Gastrointestinal Endoscopy* 2008; 68 (1): 61-66.
25. Melton G, Steele K, **Schweitzer M**, Lidor A, and Magnuson TH. Suboptimal weight loss after gastric bypass surgery: Correlation of demographics, co-morbidities, and insurance status with outcomes. *Journal of Gastrointestinal Surgery* 2008;12(2):250-5.
26. Dora Syin, Thomas Magnuson, David Flum, Kimberley Steele, John Griffith, Wanda K. Nicholson, Sayeedha Uddin, E. Anne Millman, Michael Schweitzer, Timothy M. Pawlik,

David C. Chang, Peter J. Pronovost, Martin A. Makary. Pregnancy Outcomes after Bariatric Surgery. *Bariatric Nursing and Surgical Patient Care*. June 1, 2007, 2(2): 113-118.

27. Kirkness Jason P; Schwartz Alan R; Schneider Hartmut; Punjabi Naresh M; Maly Joseph J; Laffan Alison M; McGinley Brian M; Magnuson Thomas; Schweitzer Michael; Smith Philip L; Patil Susheel P, Contribution of Male Sex, Age, and Obesity to Mechanical Instability of the Upper Airway During Sleep. *Journal of applied physiology* (Bethesda, Md. : 1985) 2008;104(6):1618-24.
28. Gupta A, Steele K, Schweitzer M, Lidor A, Lyn-Sue J, Surgical Site Infection In The Morbidly Obese Patient: A Review. *Bariatric Times* 2008;5:30-33.
29. **Schweitzer MA**, Mitchell M, Steele K, Okolo P Transoral endoscopic closure of a gastric fistula. *Surgery for obesity and related diseases : official journal of the American Society for Bariatric Surgery* 2009;5(2):283-4.
30. Steele K, , **Schweitzer MA**, Magnuson T, Lidor A, Lyn-Sue J, Wong D, Prokopowicz G, Noppenberger D, Alterations in central dopamine receptors before and after laparoscopic Roux-en-y gastric bypass. *Accepted Obesity Surgery* 2009.
31. Vsevolod (Seva) Polotsky, M.D., Ph.D'Jeanne Clark, MD. FONTI, SHANNON'SCHWARTZ, ALAN, Schweitzer, Michael, Steele, Kimberley, Torbenson, Michael, Obstructive Sleep Apnea, Insulin Resistance and Steatohepatitis in Severe Obesity, *American Journal of Respiratory and Critical Care Medicine*, accepted September 2008.
32. Savransky V., Jun J., Li J., Nanayakkara A, Fonti S., Moser AB, Steele KE, **Schweitzer MA**, Patil SP, Bhanot S., Schwartz AR, and Polotsky VY. Dyslipidemia and Atherosclerosis Induced by Chronic Intermittent Hypoxia Are Attenuated by Deficiency of Stearoyl Coenzyme A Desaturase. *Circ. Res.* 2008 Nov 7;103(10):1173-80.
33. Gupta A, Chang D, Steele KE, **Schweitzer MA**, Lyn-Sue J, Lidor A. Looking Beyond Age and Co-morbidities as Predictors of Outcomes in Paraesophageal Hernia Repair. *Journal of Gastrointestinal Surgery* 2008 in press. *Journal of gastrointestinal surgery : official journal of the Society for Surgery of the Alimentary Tract* 2008;12(12):2119-24.
34. Steele K, Schweitzer M, Shore A, Makary M, Nguyen H, Lidor A, Prokopowicz G, Magnuson T, Long-term Risk Of Venous Thromboembolism Following Bariatric Surgery, submitted to SOARD, June 2009.
35. Steele K, Nguyen H, **Schweitzer MA**, Magnuson T, Lidor A Gastric Bypass: What Bariatric Operation Would ASMBS Members Choose for Themselves? *A Survey Bariatric Times* March 2009

36. Kantsevov Sergey V; Dray Xavier; Shin Eun Ji; Buscaglia Jonathan M; Magno Priscilla; Assumpcao Lia; Marohn Michael R; Redan Jay; Giday Samuel A; **Schweitzer** Michael A; Transgastric ventral hernia repair: a controlled study in a live porcine model (with videos). *Gastrointestinal endoscopy* 2009;69(1):102-7.

### **Review Articles**

1. **Schweitzer MA**, Sugerman HA, Demaria EJ, Kellum JK, Broderick TJ. Operative therapy of obesity – vertical banded gastroplasty, gastric bypass or gastric banding? *Minimal Invasive Chirurgie*. 1999; 8: 190-195.
2. **Schweitzer M**. Decreasing the incidence of venous thromboembolism in high-risk abdominal surgery. *The Journal of Clinical Prevention*. 2004; 2: 1-27.
3. **Schweitzer MA**, Lidor A, Magnuson TF. Bariatric surgery. *Adv Psychosom Med*. 2006; 27:53-60.
4. Nguyen H, **Schweitzer M**, Magnuson T, Gibson B, Bariatric Surgery: The needs of the obese patient, *Critical Connections*, 2009;8(3)

### **Invited Critique & Editorials**

1. **Schweitzer MA**. Paired Editorial, "National trends in bariatric surgery, 1996-2002". *Archives of Surgery*. 2006; 141:75.
2. **Schweitzer MA**. Paired Editorial, "Bariatric Surgery Training In The United States." *Surgery for Obesity and Related Diseases*. 2006; 2:55-56.

3. **Schweitzer MA.** Paired Editorial, “Routine Postoperative Upper GI Series After Roux-en-Y Gastric Bypass: Determination of Whether It Is Necessary? Archives of Surgery 2007.;142(10):934.
4. **Schweitzer MA.** Paired Editorial, “Anastomotic Stenosis Following Roux-en-Y Gastric Bypass: Approach to Treatment.” Surgery for Obesity and Related Diseases. 2006;
5. **Schweitzer MA.** Invited Editorial, “*Primum non nocere*” Bariatric Nursing and Surgical Patient Care, 2007; 2:91.
6. **Schweitzer M.** “Endoscopic endoluminal therapy for a dilated stoma”, The Surgeons’ Lounge, General Surgery News, 2007; 34:28-29.
7. **Schweitzer MA.** Invited Discussant, “Endoscopic sclerotherapy for dilated gastrojejunostomy of failed gastric bypass.” ASMBS June 2007.
8. **Schweitzer MA.** Paired Editorial, “Endoscopic sclerotherapy for dilated gastrojejunostomy of failed gastric bypass.” Surgery for Obesity and Related Diseases(submitted 2007).
9. **Schweitzer MA.** Invited Discussant, “Bile reflux following Roux-en-y gastric bypass: an unrecognized cause of post-operative pain.” ASMBS June 2008.
10. **Schweitzer MA.** Paired Editorial, Bile reflux following Roux-en-y gastric bypass: an unrecognized cause of post-operative pain. Surgery for obesity and related diseases : official journal of the American Society for Bariatric Surgery 2009;5(2):291.

### **Book Chapters**

1. Sugerman HJ, Demaria EJ, Kellum JM, **Schweitzer MA.** Surgery for morbid obesity. In: Rippe J, editors. Textbook of lifestyle medicine. Boston: Blackwell Science; 1999: chapter 93.
2. **Schweitzer MA,** Sugerman HA. Bariatric surgery. In: Zuidema G and Yeo CJ, editors. 5<sup>th</sup> Edition: Shackelford’s surgery of the alimentary tract, vol II: stomach and duodenum. St. Louis: Harcourt Health Sciences; 2001: chapter 15.
3. **Schweitzer MA,** DeMaria EJ. Hand-assisted laparoscopic gastric bypass. In: DeMaria EJ, Latifi R, Sugerman HJ, editors. Textbook of laparoscopic obesity surgery: techniques and outcomes. Georgetown: Landes Bioscience; 2002: 68-73.
4. Magnuson TF, **Schweitzer MA.** Surgery for morbid obesity. In: Cameron JL, editor. Current surgical therapy, 8<sup>th</sup> edition. Mosby; 2004: chapter 2.6.

5. **Schweitzer MA**, Magnuson TF. Laparoscopic gastric bypass. In: Talamini MA, editor. Advanced therapy in minimally invasive surgery. 1<sup>st</sup> edition. BC Decker; 2006, section 5.
6. Steele KE, Magnuson T, **Schweitzer MA**, Obesity and Bariatrics. General Surgery Review, 2nd edition (Makary MA, ed.) Ladner-Drysdale: Washington D.C., (scheduled for print 2006).
7. **Schweitzer MA**, Magnuson TF. Laparoscopic Surgery for morbid obesity. In: Cameron JL, editor. Current surgical therapy, 9<sup>th</sup> edition. (submitted Sept 2006)
8. **Schweitzer, MA**. Laparoscopic Bariatric Surgery. In: Cameron JL, editor. Atlas of gastrointestinal surgery. (submitted Oct 2008).

### **Video Presentations**

1. Demaria EJ, **Schweitzer MA** , Sugerman HA. Laparoscopic assisted roux-en-y gastric bypass. American College of Surgeons Cine Video Series. Chicago: 1999.
2. **Schweitzer MA**, Magnuson TH. 251 consecutive laparoscopic gastric bypass operations using a 2 layer gastrojejunostomy technique with a zero leak rate. American College of Surgeons Cine Video Series, American College of Surgeons Bariatric Video Session. New Orleans: 2004.
3. **Schweitzer MA**, Magnuson TH. Laparoscopic internal hernia repair. American College of Surgeons Cine Video Series 2004. Accepted for Cine Video Library.
4. **Schweitzer MA**, Magnuson TH. 251 consecutive laparoscopic gastric bypass operations using a 2 layer gastrojejunostomy technique with a zero leak rate. American College of Surgeons Cine Video Series, American College of Surgeons Spring Video Session. Hollywood: 2005.
5. **Schweitzer MA**, Magnuson TF. Laparoscopic gastric bypass. In: Talamini MA.: Advanced Therapy in Minimally Invasive Surgery. 1<sup>st</sup> edition. BC Decker; 2006.
6. Steele K, **Schweitzer MA**, Lidor A, Magnuson TH. Laparoscopic revision of an undivided open gastric bypass to a divided gastric bypass. American College of Surgeons, Bariatric Video Session. New Orleans, 2007.

7. **Schweitzer MA**, Mitchell M, Steele K, Lyn-Sue J, Okolo P Transoral endoscopic closure of a gastric fistula. American Society of Metabolic and Bariatric Surgeons, Video Session, Washington D.C., June, 2008.
8. Tejwant Singh Datta, Kimberley Steele, MD; Michael **Schweitzer**, MD Laparoscopic Left Adrenalectomy after Laparoscopic Gastric Bypass Corresponding (submitted Soard Jan 2010).

### **Abstract Presentations**

1. **Schweitzer MA**. The clinical spectrum of clostridium difficile colitis in immunocompromised patients. Cleveland Surgical Resident's Forum. Cleveland, OH. March 1995.
2. **Schweitzer MA**. The clinical spectrum of clostridium difficile colitis in immunocompromised patients. Midwest Surgical Association 38th Annual Meeting. Michigan. August 1995.
3. **Schweitzer MA**. Pretreatment with allopurinol diminishes ercp-induced pancreatitis in the canine model. Ohio Chapter American College of Surgeons. Cleveland, OH. May 1996.
4. **Schweitzer MA**. Refractory stomal ulcer following roux-en-y gastric bypass. American Society for Bariatric Surgery 15<sup>th</sup> Annual Meeting. Orlando, FL. June 1998.
5. Demaria EJ, **Schweitzer MA**, Sugerman HA, Kellum JK. Prospective comparison of open versus laparoscopic roux-en-y proximal gastric bypass for morbid obesity. American Society of Bariatric Surgery 17<sup>th</sup> Annual Meeting. San Diego, CA, June, 2000.
6. Demaria EJ, **Schweitzer MA**. Hand-assisted laparoscopic gastric bypass does not improve outcome and increases costs when compared to open gastric bypass for surgical treatment of obesity. SAGES. St. Louis. April 2001.
7. **Schweitzer MA**. Laparoscopic morbid obesity surgery decreases wound complication and improves outcomes. Maryland Medical Med Chi Convention. Cambridge, MD. 1<sup>st</sup> Annual Maryland Medical Convention. Cambridge, MD. October 2004.
8. Chang D, Magnuson T, **Schweitzer M**, Shermak MA, Patients undergoing body contouring surgery after massive weight loss. 84<sup>th</sup> American Association of Plastic Surgeons. Scottsdale, AZ. May 2005.

9. **Schweitzer MA.** Weight loss induced from morbid obesity surgery resolves type II diabetes, hypertension, and sleep apnea in the majority of patients. Maryland Medical Med Chi Convention. Cambridge, MD. 2<sup>nd</sup> Annual Maryland Medical Convention. Cambridge, MD. October 2005.
10. SP Patil, H Schneider, JJ Maly, AM Laffan, T Magnuson, **M Schweitzer**, A Lidor, PL Smith, AR Schwartz Weight Loss Improves Upper Airway (UA) Mechanical Loads and Neuromuscular Responses During Sleep, submitted to American Thoracic Society Meeting 2007.
11. D.J. Murphy, MD, S.P. Patil, MD, H. Schneider, MD PhD, A.M. Laffan MHS, J.J. Maly, BS, **M. Schweitzer, MD**, T. Magnuson, MD, A. Lidor, MD, P.L. Smith, MD, A.R. Schwartz, MD, Upper Airway (UA) Mechanisms of Obstructive Sleep Apnea (OSA) in Severe Obesity, submitted to Thoracic Society Meeting 2007.
12. Steele K, Prokopowicz G, Lidor A, Magnuson TH, **Schweitzer MA.** Laproscopic antecolic Roux-en-y gastric bypass with closure of internal defects leads to fewer internal hernias than retrocolic approach, SAGES, Las Vegas, April 2007.
13. Melton GB, Steele K, **Schweitzer MA** Prokopowicz G, Lidor A, Magnuson TH. Suboptimal weight loss after gastric bypass surgery: correlation of demographics, comorbidities, and insurance status with outcomes, DDW/SSAT, Washington D.C., May 2007.
14. Steele K, **Schweitzer MA**, Magnuson T, Lidor A, Lyn-Sue J, Wong D, Prokopowicz G, Noppenberger D, Alterations in central dopamine receptors before and after laparoscopic Roux-en-y gastric bypass, ASMBS, Washington D.C., June 2008.
15. Kantsevov S, **Schweitzer M**, Marhon M, Lyn-Sue J, Transgastric Ventral Hernia Repair: A Randomized Controlled Study In A Live Porcine Model, (sent to DDW 2009)
16. Steele K, **Schweitzer M**, Shore A, Makary M, Nguyen H, Lidor A, Prokopowicz G, Magnuson T, Long-term Risk Of Venous Thromboembolism Following Bariatric Surgery, ASMBS, Grapevine, TX, June 2009.
17. Lidor A, **Schweitzer M**, Age and BMI should not preclude elective paraesophageal hernia repair, presented SUS 2010 San Antonio, Texas.
18. Rabiee A, Magruder J, Magnuson T, Lidor A, Steele K, **Schweitzer M**, Anderson D, Elahi D, On the resolution of diabetes following bariatric surgery: The role of incretins, submitted SSA 2009.

19. Tejwant S. Datta, Kimberley Steele, Andrew D. Shore, Thomas Magnuson, Anne O. Lidor, Hien Nguyen, Martin Makary, Michael **Schweitzer**, Effect of antiplatelet and anticoagulant therapy in patients undergoing bariatric surgery, Submitted to ASMBS 2010
20. Tejwant S. Datta, Lisa C. B. Eaton, Michael **Schweitzer**, Thomas Magnuson, Hien Hguyen, Anne O. Lidor, Kimberley Steele, The effect of chronic pain medication on bariatric surgery outcomes Submitted to ASMBS 2010
21. Tejwant S. Datta MD, Kimberley Steele MD, Andrew D. Shore PhD, Thomas Magnuson MD, Anne O. Lidor MD, Hien Nguyen MD, Martin Makary MD, Michael **Schweitzer** MD, Bariatric surgery outcomes for patients undergoing preoperative IVC filter placement. Submitted SAGES 2010

### **National Presentations**

1. Schweitzer MA, Magnuson TH. Introduction of a laparoscopic Roux-en-y gastric bypass program helps surgical residents obtain advance laparoscopic skills. Society of American Gastrointestinal Endoscopic Surgeons. Denver, Colorado. April 2004.
2. Vaidya V, Derogatis LR, Magnuson TH, Schweitzer MA, Schmidt Jr. CW. Body image and sexual functioning in patients having gastric bypass surgery for obesity. Cambridge, England. March 2004.
3. Vogel J, Magnuson TH, Schweitzer MA. Metabolic syndrome and the impact of gastric bypass surgery. Digestive Disease Week, SSAT program. New Orleans, LA. May 2004.
4. Vogel J, Magnuson TH, Schweitzer MA. Extreme obesity and outcomes following long-limb gastric bypass. Digestive Disease Week, SSAT program. New Orleans, LA. May 2004.
5. Vogel J, Magnuson TH, Schweitzer MA. The impact of bariatric surgery on resident operative experience. Digestive Disease Week, SSAT program. New Orleans, LA. May 2004.
6. Alkhuraishi AR, Clark JM, Solga SF, Torbenson M, Tabesh A, Schweitzer MA, Diehl AM, Magnuson TH. Factors associated with nonalcoholic fatty liver disease in patients presenting for roux-en-y gastric bypass surgery. Digestive Disease Week, SSAT program. New Orleans, LA. May 2004.
7. Vaidya V, Derogatis LR, Magnuson TH, Schweitzer MA, Schmidt CW. Body image and sexual functioning in patients having gastric bypass surgery for obesity, European Conference on Psychosomatic Research. Berlin, Germany. June 2004.

8. Schweitzer MA, Magnuson TH, Vogel J. Laparoscopic retro-colic retro-gastric passage of the roux Limb for gastric bypass does not result in a high rate of internal hernia. American Society of Bariatric Surgeons. San Diego, CA. June 2004.
9. Schweitzer MA, Lidor A, Iglesias AR, Magnuson TH. Laparoscopic wedge liver biopsy is safe to perform and identifies significant liver pathology at the time of bariatric surgery. SAGES. Hollywood, FL. April 2005.
10. Schweitzer MA, Endoscopic intraluminal suturing in postoperative roux-en-y gastric bypass patients. SAGES. Hollywood, FL. April 2005.
11. Magnuson TH, Schweitzer MA, Lidor A. The impact of race on outcomes following gastric bypass surgery for severe obesity. Digestive Disease Week, SSAT program. Chicago, IL. May 2005.
12. Ji H, Torbenson MS, Magnuson TH, Schweitzer MA. Paired Wedge and Needle biopsies in Histological Diagnosis of Fatty Liver Disease presented at USCAP meeting 2006.
13. House MG, Magnuson TH, Schweitzer MA. Incidence, Risk Factors, and Outcomes for Incisional Hernias after Open Gastric Bypass Surgery, SSAT Los Angeles, CA May 2006.
14. Kirkness JP, Patil SP, Schneider H, Pichard LE, Maly JJ, McGinley BM, Laffan AM, Magnuson T, Schweitzer M, Lidor A, Smith PL, Schwartz AR. Women are Protected against Obstructive Sleep Apnea through Reduced Upper Airway Mechanical Loads and Active Neuromuscular Responses, presented at the American Thoracic Society International Conference, San Diego, CA, May 2006.
15. Schweitzer MA, Endoscopic Intraluminal Suturing In a Postoperative Roux-en-Y Gastric Bypass Patient With A Gastric Pouch False Diverticulum, ASBS San Francisco, CA June 2006.
16. Steele K, Schweitzer MA Prokopowicz G, Sabestain M, Lidor A, Magnuson TH. Diagnostic laparoscopy is safe and effective for the diagnosis of abdominal pain following laparoscopic Roux-en-y gastric bypass, ASBS, San Diego, June 2007.
17. Gandsas A, Koppman J, Li C, Shindel S, Schweitzer M, Cantarelli S, Egidi G. Robotic telepresence offers an alternative paradigm for post-residency surgical education, SAGES, Las Vegas, April 2007.
18. Steele K, Prokopowicz G, Melton GB, Lidor A, Magnuson TH, Schweitzer MA. Reduced incidence of readmission for dehydration using the antecolic antegastric approach to laparoscopic gastric bypass, DDW/SSAT May 2007.

19. Steele K, Prokopowicz G, Melton GB, Lidor A, Magnuson TH, Schweitzer MA. Laparoscopic Education and Training in United States Surgical Residency Programs. Are We Doing Enough? SAGES, Philadelphia, April 2008.
20. Xavier Dray<sup>1</sup>, Zhiping Li<sup>1</sup>, Jing Hua<sup>1</sup>, Samuel A. Giday<sup>1</sup>, Susan K. Redding<sup>2</sup>, Eun Ji Shin<sup>1</sup>, Ron J. Wroblewski<sup>1</sup>, Jonathan M. Buscaglia<sup>1</sup>, Priscilla Magno<sup>1</sup>, Dawn Ruben<sup>2</sup>, Michael A. Schweitzer<sup>4</sup>, Jeanne Clark<sup>3</sup>, Anthony N. Kalloo<sup>1</sup> Removal of Visceral Fat Improves Metabolic Syndrome and Hepatic Steatosis in Diet-induced Obese Mice, presented SSAT/DDW, San Diego, May 2008
21. Anirban Gupta<sup>1</sup>, David C. Chang<sup>1,2</sup>, Michael A. Schweitzer<sup>1</sup>, Kimberley E. Steele<sup>1</sup>, Anne O. Lidor<sup>1</sup> Looking Beyond Age and Comorbidities as Predictors of Outcomes in Paraesophageal hernia repair, presented SSAT/DDW, San Diego, May 2008
22. Anne O. Lidor<sup>1</sup>, Debraj Mukherjee<sup>1</sup>, Dorry Segev<sup>1</sup>, David C. Chang<sup>1,2</sup>, Kimberley E. Steele<sup>1</sup>, Michael A. Schweitzer<sup>1</sup> ,A meta-analysis of trials comparing the effectiveness of use of mesh in laparoscopic repair of paraesophageal hernias. Presented SSAT/DDW, San Diego, May 2008
23. Steele K, Eaton L, Lyn-Sue J, Magnuson T, Prokopowicz G, Lidor A, Schweitzer MA, What bariatric procedure would asmbs members choose for themselves? Presented ASMBS, Washington D.C. 2008.
24. Lyn-Sue J, Schweitzer MA, Steele K, Lidor A, Eaton L, Magnuson T, Gastric bypass surgery in the management of diabetes: factors predictive for complete resolution, Presented ASMBS, Washington D.C. 2008.
25. Rabiee A, Abu-Hamdah Rania, Andreasik V, Ayyanki Kirankumar, Gibson B, Lidor A, Steele KE, Schweitzer M, Magnuson T, Wolfe R, Andersen A, Elahi D. Disparate Resolution of T2DM and Insulin Resistance 30 & 90 Days Post Roux-en Y Gastric Bypass. Presented at The Obesity Society, Phoenix, AZ, 2008.
26. Nguyen H, Schweitzer MA, Steele K, Lidor, A Laparoscopic Sleeve Gastrectomy as a Treatment for Patients with Morbid Obesity with Concurrent Paraesophageal Hernia, Presented at SAGES, Phoenix, AZ, 2009.
27. Rabiee A, Galiatsatos P, Andreasik V, Lidor A, Steele K, Schweitzer M, Magnuson T, Anderson D, Elahi D. Can Normalization of Fasting Plasma Glucose Following Bariatric Surgery Be Explained by Changes in Fat Mass? A Longitudinal Analysis with Comparison of Roux-en-Y Gastric Bypass (RYGB) to Adjustable Gastric Banding (AGB) The Endocrine Society's 91st Annual Meeting, June 10-13 in Washington, DC.

28. Steele KE, Prokopowicz GP, Schweitzer MA, Lidor AO, Magnuson TH, Kumar A, Kuwabawa H, Galecki J, Brasic J, Alexander M, Ye W, Wong DF. Alterations of Central Dopamine Receptor Activity Before and After Gastric Bypass. The Johns Hopkins Bayview Research Symposium, Friday December 4, 2009.
29. Steele KE, Schweitzer MA, Shore AD, Makary MA, Lidor AO, Prokopowicz GP, Eaton L, Magnuson TH. Long Term Risk of Venous Thromboembolism Following Bariatric Surgery. The Johns Hopkins Bayview Research Symposium, Friday December 4, 2009.
30. Pallyova M, Schwartz AR, Frame LA, Laffan AM, Smith PL, Steele KE, Lidor AO, Magnuson T, Schweitzer MA, Patil SP. Effects of Bariatric Surgery on Adiposity, Sleep, and Selected Biomarkers in Severely Obese Women. The Johns Hopkins Bayview Research Symposium, Friday December 4, 2009.
31. Thompson Christopher C.<sup>1</sup>, Roslin Mitchell S.<sup>2</sup>, Chand Bipan<sup>3</sup>, Chen Yang K.<sup>4</sup>, Demarco Daniel<sup>5</sup>, Miller Larry S.<sup>6</sup>, **Schweitzer Michael**<sup>7</sup>, Rothstein Richard I.<sup>8</sup>, Lautz David B.<sup>1</sup>, Ryan Michelle<sup>1</sup>, Brethauer Stacy<sup>3</sup>, Schauer Phillip<sup>3</sup>, Mitchell Mack C.<sup>7</sup>, Starpoli Anthony<sup>2</sup>, Haber Gregory B.<sup>2</sup>, Catalano Marc F.<sup>9</sup>, Edmundowicz Steven<sup>10</sup>, Fagnant Annette<sup>11</sup>, Kaplan Lee M.<sup>12</sup> RESTORE: Randomized Evaluation of Endoscopic Suturing Transorally For Anastomotic Outlet Reduction: A Double-Blind, Sham-Controlled Multicenter Study for Treatment of Inadequate Weight Loss or Weight Regain Following Roux-en-Y Gastric Bypass, ASGE/DDW, May 2010. New Orleans.

### **Extramural Sponsorship**

1. 4/1/1994 - 11/30/2008, renewed 10/1/09 - , Mechanisms of sleep apnea in severe obesity. R01HL050381, NIH, Total direct costs = \$1,030,196. Current year direct costs = \$247,613. Alan R Schwartz, M.D. (PI), Michael Schweitzer Sub-investigator: Surgical weight loss intervention in sleep apnea study. Effort = 0.05%.
2. Enertomedics Vagal pacemaker trial for weight loss, VBLOCK, Principal Investigator at Johns Hopkins University. Direct costs = \$250,000, Effort 10%.
3. 8/2006-8/2006, Brain dopamine receptor activity in obese subjects before and after gastric bypass surgery, The Association of Women Surgeons, Grant award = \$30,000. Kimberly Steele (PI), Michael Schweitzer Sub-investigator. Effort = as needed.

4. RESTORe Multicenter Clinical Trial, Davol Inc., Michael Schweitzer, M.D. **Principal Investigator** at Johns Hopkins University. IRB approved, awaiting contract approval. Current Year direct costs = \$217,872, Effort = 10%.
5. The Effect of Surgically Induced Weight Loss on Endocrine Function, Cardiovascular Function and Body Composition, Dariush Elahi (PI), Dana Anderson (SI), Michael Schweitzer, sub-investigator. Effort = as needed.
6. Nephrolithiasis and Bariatric Surgery, Brian Matlaga (PI), Kimberely Steele (SI), Michael Schweitzer, subinvestigator. IRB approved. Effort=as needed.
7. The Relationship between Prostate Cancer, Prostate Surgery and Inguinal Hernias, PI Kimberely Steele, Michael Schweitzer Sub-investigator. Effort = as needed.
8. Change in the risk of colorectal neoplasia in the morbidly obese population after bariatric surgery, Michael Schweitzer Sub-investigator. Effort = as needed.
9. Reproductive outcomes after bariatric surgery, PI Kimberely Steele, Michael Schweitzer Sub-investigator. Effort = as needed.
10. Transoral Endoscopic Liver Biopsy During Laparoscopic Gastric Bypass, PI Michael Schweitzer, Kimberely Steele Sub-investigator. Effort = as needed.
11. Pilot study to determine the feasibility of conducting a randomized clinical trial comparing fondaparinux sodium once daily with enoxaparin twice daily with respect to preventing venousthromboembolism after bariatric surgery , PI Steele, Schweitzer sub-invesitgator, effort = as needed Grant from Glaxo Smith Kline (GSK).
12. Paraesophageal database, PI Lidor,
13. Bariatric surgery database, PI Magnuson

## **Educational Activities**

### **Teaching**

1. Complications in bariatric surgery. Essentials course. American Society of Bariatric Surgery. Orlando, FL. June 1998

2. Laparoscopic Gastric Bypass Training Course, Proctor. Medical College of Virginia. May 2001.
3. Ethicon Laparoscopic Gastric Bypass Training Course at George Washington University, Proctor. February 2001.
4. Ethicon Laparoscopic Gastric Bypass Training Course at Holy Cross Hospital, Proctor. April 2001.
5. Morbid obesity surgery. Georgetown University Medicine Grand Rounds. September 14, 2000.
6. Morbid obesity surgery. Georgetown University Surgery Grand Rounds. April 28, 2000.
7. Morbid obesity surgery. Georgetown University Surgery Grand Rounds. January 3, 2001.
8. Morbid obesity surgery. Sinai Hospital Surgery Grand Rounds. October 2001.
9. Morbid obesity surgery. Mercy Medical Center Medicine Grand Rounds. January 8, 2003.
10. Morbid obesity surgery. Case Western Reserve University Surgery Conference. January 15, 2003.
11. Morbid obesity surgery in the 21<sup>st</sup> century. Johns Hopkins Surgery Grand Rounds. October 30, 2003.
12. Bariatric surgery. Inova Mt. Vernon Hospital Medicine Conference. Feb 10, 2004.
13. Laparoscopic bariatric surgery, Southern Society of Clinical Surgery, Johns Hopkins Hospital. April 5, 2004.
14. Decreasing the incidence of venous thromboembolism in high risk abdominal surgery, **Chair, Johns Hopkins CME Course**. Miami, FL. April 16-17, 2004.
15. Surgical treatment of obesity. Galaxo-Smith-Kline Advanced Diabetes & Endocrinology Preceptorship. Johns Hopkins University. April 20, 2004.
16. Morbid obesity surgery in the 21<sup>st</sup> century. Surgery Grand Rounds, Carolina Roanoke Memorial Hospital. Roanoke, VA. June 5, 2004.
17. Complications of bariatric surgery. Inova Fairfax Surgery Grand Rounds. Fairfax, VA. October 20, 2004.

18. Prevention of acute venous thrombo-embolism. Surgery of the Foregut Symposium, Cleveland Clinic Florida. Miami, FL. February 22, 2005
19. Endoscopic intraluminal procedures after bariatric surgery. Surgery of the foregut symposium, Cleveland Clinic Florida. Miami, FL. February 22, 2005.
20. Bariatric Surgery. Johns Hopkins Surgery Grand Rounds. November 15, 2005.
21. Transluminal Endoscopic Surgery On The Horizon, Surgery of the Foregut Symposium, Cleveland Clinic Florida. Miami, February 19, 2006.
22. Prevention of DVT & PE In Bariatric Surgery, Surgery of the Foregut Symposium, Cleveland Clinic Florida. Miami, February 21, 2006.
23. Laparoscopic Duodenal Switch with Biliopancreatic Diversion, Obesity Scientific Program, Al Noor Hospital, Sheraton Hotel, Abu Dhabi, U.A.E, Teleconference Hopkins International Medicine, April 19, 2006.
24. The Link Between Bariatric Surgery and VTE, Recognizing, Treating and Reducing Risk of VTE in Bariatric Surgery, Johns Hopkins Advanced Studies in Medicine, San Francisco, June 26, 2006.
25. Bariatric Surgery Beyond Gastric Bypass, Topics In Gastroenterology and Liver Disease, Johns Hopkins University CME course, Baltimore, October 6, 2006.
26. Transluminal Endoscopic Surgery On The Horizon, Surgery of the Foregut Symposium, Cleveland Clinic Florida. Miami, February 18, 2007.
27. Prevention of DVT & PE In Bariatric Surgery, Surgery of the Foregut Symposium, Cleveland Clinic Florida. Miami, February 20, 2007.
28. Controversies in Obesity Surgery, Topics in Gastroenterology and Liver Disease, Baltimore, October 5, 2007.
29. Surgical Management of Obesity: Who, How and What to Expect, Gastroenterology and Hepatology 8<sup>th</sup> Annual Conference, San Juan, Puerto Rico, March 13, 2008.
30. Taking NOTES for the Surgeon: Rigid Laparoscopic to Flexible Endoscope, Gastroenterology and Hepatology 8<sup>th</sup> Annual Conference, San Juan, Puerto Rico, March 13, 2008.
31. The Future of Metabolic and Obesity Surgery, Endocrine Grand Rounds, Johns Hopkins University, Baltimore, April 16, 2008.

32. VTE Risk Assessment for Bariatric Surgery Patients, Thromboprophylaxis Following Bariatric Surgery: The Case for Universal Guidelines, Independent educational grant by Sanofi-Aventis, CME course, ASMBS 2008.
33. Venous thromboembolism in bariatric surgery: Case Study, Thromboprophylaxis Following Bariatric Surgery: The Case for Universal Guidelines, Independent educational grant by Sanofi-Aventis, CME course, ASMBS 2008.
34. Upper endoscopic techniques for complications – Suturing Devices, Symposium New Technologies in Bariatric Surgery, International Federation of Obesity Surgery 13th World Congress, Buenos Aires, Argentina, September 2008.
35. Safe Access and Port Placement in the Previously Operated Abdomen, Postgraduate Minimally Invasive Surgery Course: The Next Steps, American College of Surgeons, October 2008.
36. Bypass and BPD-DS: Defining Indications For Each Procedure, Postgraduate Minimally Invasive Surgery Course: The Next Steps, American College of Surgeons, October 2008.
37. Morbid Obesity: Laparoscopic Surgery, 34th Annual Topics in Gastroenterology and Liver Disease, Johns Hopkins University, Baltimore, MD, October 2008.
38. Surgical Management of GERD, 26th Medical and Surgical Gastroenterology: A Multidisciplinary Approach, Snowmass, CO January 25 – 29, 2009.
39. Surgical Management of Obesity, 26th Medical and Surgical Gastroenterology: A Multidisciplinary Approach, Snowmass, CO January 25 – 29, 2009.
40. Transoral Techniques for Weight Loss, Surgery of the Foregut Symposium, Cleveland Clinic Florida. Miami, February 2009.
41. Transoral Revision of a Gastric bypass, Surgery of the Foregut Symposium, Cleveland Clinic Florida. Miami, February 2009.
42. Advances in Bariatric Surgery: The Surgical Management of Obesity, Baltimore City Medical Society, MedChi, Maryland State Medical Society, September 22, 2009.
43. Update on Weight Reduction Surgery- Who When and Where, 35th Annual Topics in Gastroenterology and Hepato-Biliary Update Conference, Baltimore, MD, November 12, 2009.

## **Mentoring**

1. Johns Hopkins Laparoscopic Fellowship; training fellows, 2 per year, in laparoscopic bariatric surgery, 2003 to present, US Surgical (Tyco Intl) Fellowship grant \$75,000, Ethicon Fellowship Grant \$75000, FY2003-to present.
2. Johns Hopkins Faculty – Laproscopic surgery for gastric bypass, adjustable gastric band, sleeve gastrectomy, colon resection, hernia (inguinal and ventral) repair, and spleen removal.
3. University of Hospitals of Cleveland, proctor, Laparoscopic Roux-en-Y Gastric Bypass, January 14, 2003.

## **Editorial Board**

1. Journal of Laparoendoscopic and Advanced Surgical Techniques. May 2004 to September 2008.
2. Surgery for Obesity and Related Diseases. August 2004 to present.
3. Bariatric Times. September 2004 to present.

## **Journal Peer Review Activities**

1. Archives of Surgery. 2004 to present.
2. Journal of Bariatric Surgery Nursing. 2005 to present.
3. Annals of Surgery, April 2007 to present.
4. Journal of Laparoendoscopic and Advanced Surgical Techniques. September 2008 to present.

5. Journal of the American College of Surgeons, October 2009, January 2010
6. Surgical Endoscopy, February 2010

## **Clinical Activities**

### **Certification**

#### **Licensure**

- 2001 Maryland State Medical License: D0057193  
1996 Virginia Medical License: 0101054138

#### **Board Certification**

- 1997 American Board of Surgery

### **Service Responsibilities**

1. Since 1997, I have taught minimally invasive surgery to medical students, general surgery residents, and fellows at the Medical College of Virginia, Georgetown University, Sinai Hospital of Baltimore, and Johns Hopkins University. Teaching occurred on the wards, conferences, and in the operating room.
2. 2004 - present, Laparoscopic training of general surgery residents at Johns Hopkins University's Minimally Invasive Surgery Training Center.
3. 2003-present, Minimally Invasive Fellowship at Johns Hopkins Medical Institutions

### **Hospital Committees**

Co-Chair, Surgical Value Analysis Team 2007- present  
Johns Hopkins Bariatric Surgery Center of Excellence committee 2006 to present  
Graduate of Johns Hopkins Medicine Leadership Development Program 2009

### **Program Building**

Johns Hopkins Bariatric Surgery Center

Laparoscopic bariatric surgery program – started at Johns Hopkins in 2003, previously started at the Medical College of Virginia, Georgetown University Hospital, and Sinai Hospital.

Center of Excellence Approval – United Healthcare, Cigna, Blue Cross, Surgical Review Corporation (SRC) and American College of Surgeons 2009-present

### **Mentorship of Johns Hopkins Laparoscopic Fellows**

Anne Lidor, M.D.	2003-2004
Alberto Iglesias, M.D.	2004-2005
Kimberley Steele, M.D.	2005-2006
Molly Sebastian, M.D.	2006-2007
Jerome Lynn-Sue, MD	2007-2008
Anir Gupta, MD	2007-2008
Hien Nguyen, M.D.	2008-2009
Ariel Spencer, M.D.	2008-2009
Tejwant Datta, M.D.	2009-2010
Marianne Franco, M.D.	2009-2010

## **Organizational Activities**

### **Institutional Appointments**

1. 1998-1999 Minimally Invasive Center Committee, Medical College of Virginia.
2. 2002-2002 Institutional Review Board, Sinai Hospital of Baltimore.
3. 2003-present Bariatric Center of Excellence committee at Johns Hopkins Bayview.
4. 2008-present **Co-Chair**, Surgical Values Analysis Committee for Johns Hopkins Bayview.

### **Professional Societies**

1. 1997-present Fellow, The American College of Surgeons.
2. 1996-present Society of American Gastrointestinal Endoscopic Surgeons.
3. 1998-present American Society for Bariatric Surgery.
4. 1998-present The International Federation for the Surgery of Obesity

5. 2002-2006 Med Chi, The Maryland State Medical Society.
6. 2005-2007 **Chair**, Membership committee, American Society of Bariatric Surgeons.
7. 2007-present Membership committee, American Society of Bariatric Surgeons
8. 2007-present Society for Surgery of the Alimentary Tract
9. 2007-present Research committee, American Society of Bariatric Surgeons.
- 10.2007-present Legislative review committee, SAGES
- 11.2007-present Public information, SAGES
- 12.2010-present Fellow of the American Society of Metabolic and Bariatric Surgeons

### **Conference Organizer**

1. **Chair**, Bariatric surgery consultants panel on DVT and PE prophylaxis. Aventis Pharmaceutical. Annapolis, MD. September 25, 2003.
2. **Chair**, Decreasing the incidence of venous thromboembolism in high risk abdominal surgery. Johns Hopkins CME Course. Aventis Pharmaceutical Grant. Miami, FL April 16-17, 2004.
3. **Chair**, Laparoscopic Suturing Course. US Surgical Corporation. Johns Hopkins MISTC Center. Baltimore, MD, June 21, 2006.
4. **Chair**, Postgraduate Minimally Invasive Surgery Course: The Next Steps, American College of Surgeons, CME Course, October 2008.

### **Advisory Committees, Review Groups**

1. State of Maryland Task Force for Morbid Obesity Surgery. 2004-present.
2. Submitted written testimony for Maryland Senate Bill 868 and House Bill 1410 concerning coverage of morbid obesity surgery in April 2004. (I was the only surgeon to submit testimony to stop the insurance companies from changing coverage for surgery and instead turn it over to a task force).

3. Bariatric Surgery Center Accreditation Program committee, American College of Surgeons, **Site Inspector**, March 2006-present.
4. American Society of Metabolic & Bariatric Surgery representative for the Fellowship Council Accreditation Committee (1 year term), **Site Inspector**. October 2008- October 2009.

### Consultanships

1. Hand-assisted laparoscopic gastric bypass. Dexterity Corporation. March 2000.
2. Endoscopic suture device applications to gastric bypass. Orlando, FL. May 2003.
3. Optimizing VTE prevention in high-risk patients-applying evidence to practice. Bariatric Surgery Consultant. International Experts' Meeting on Surgical Thrombosis. Aventis Pharmaceutical. Lisbon, Portugal. October 11, 2003.
4. New technology for bariatric surgery. Bariatric Surgery Consultants Panel, Ethicon. Miami, FL. December 14-16, 2003.
5. Lovenox Special Patient Population Consultant Meeting. Aventis Pharmaceutical. Chicago, IL. May 15, 2004.
6. Lovenox advisory board meeting for bariatric surgery. Chair. San Diego, CA, June 15, 2004.
7. Thrombo-embolism and IVC filters in bariatric surgery patients consultants meeting, Bard. February 12, 2005.
8. Metabolic X Syndrome, Consultants Panel, Aventis-Sanofi Pharmaceuticals, October 2005.
9. Lovenox consultants meeting, Aventis-Sanofi Pharmaceuticals, January 2006.

### Recognition

#### Awards and Honors

1. Dow Chemical, Chemical Engineering Award with Scholarship. February 25, 1986.
2. Alpha Omega Alpha. University of Maryland of Medical School. 1990.

### **Invited Talks and Panels**

1. Laparoscopic bariatric surgery. Southern Society of Clinical Surgery. Johns Hopkins Hospital. April 5<sup>th</sup>, 2004
2. Prevention of venous thrombo-embolism after bariatric surgery, looking for best practice in bariatric peri-operative care? Aventis Pharmaceutical. San Diego, CA. June 15, 2004
3. Prevention of venous thrombo-embolism after bariatric surgery. Aventis Pharmaceutical. Norfolk, VA. September 8, 2004.
4. Complications of bariatric surgery. Potomac Hospital. Aventis Pharmaceutical. Potomac, VA. October 6, 2004.
5. Bariatric surgery. Hinton Lecture Series. Southside Regional Medical Center. Aventis Pharmaceutical. Petersburg, Virginia. May 13, 2005.
6. Prevention of Acute Venous Thromboembolism, Audio-Digest General Surgery, Vol 53, Issue 03, February 7, 2006.
7. Endoscopic Intraluminal Procedures after Bariatric Surgery, Audio-Digest General Surgery, Vol 53, Issue 03, February 7, 2006.
8. Prophylaxis of VTE in Patients Undergoing Abdominal Surgery, Prince George's Hospital Surgery Department, Sanofi-Aventis Pharmaceutical, March 29, 2006.
9. Prophylaxis of VTE in Patients Undergoing Abdominal Surgery, Bethesda, Sanofi-Aventis Pharmaceutical, May 3, 2006.
10. Invited Critique, "Anastomotic Stenosis Following Roux-en-Y Gastric Bypass: Approach to Treatment." ASBS 23<sup>rd</sup> meeting, June 30, 2006.
11. Laparoscopic Gastric Bypass, Bariatric Surgery Symposium, Latin American College of Laparoscopic Surgeons, Miami July 2006.
12. Endoscopic Suturing for Anastomotic Dilatation, Natural Orifice Surgery, Latin American College of Laparoscopic Surgeons, Miami July 2006.

13. How long will surgery address the issue of Morbid Obesity, Hopkins International Teleconference, Panama, August 21, 2006.
14. Prophylaxis of VTE in patients undergoing abdominal surgery, Inova Alexandria Hospital, Sanofi-Aventis Pharmaceutical, September 27, 2006.
15. Prophylaxis of VTE in patients undergoing abdominal surgery, Baltimore, MD, Sanofi-Aventis Pharmaceutical, December 5, 2006.
16. Prevention of venous thromboembolism after major abdominal surgery. Sanofi-Aventis Pharmaceutical. Hickory, NC, March 12, 2007.
17. Prevention of venous thromboembolism after major abdominal surgery. Sanofi-Aventis Pharmaceutical. Winston Salem, NC, March 13, 2007.

### **Other Professional Accomplishments**

1. 1<sup>st</sup> to do Laparoscopic Roux-en-Y Gastric Bypass in Mid-Atlantic Region.
2. Initiated one of the 1<sup>st</sup> 10 Centers for Laparoscopic Roux-en-Y Gastric Bypass in the US at the Medical College of Virginia.
3. 1<sup>st</sup> to do Laparoscopic Lap-Band in Maryland.
4. 1<sup>st</sup> in the world to do Intraluminal Endoscopic Suturing of the gastric pouch and publish it.
5. 1<sup>st</sup> to do Laparoscopic Duodenal Switch with Biliopancreatic Diversion in Maryland.
6. 1<sup>st</sup> to do Stomaphyx endoluminal surgery in Maryland