

Curriculum Vitae

LUKE M. FUNK, M.D., M.P.H., F.A.C.S.

Personal Data

Office Address: Department of Surgery
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Education

2001	B.S. in Molecular and Integrative Physiology <i>magna cum laude</i> <i>with distinction</i>	University of Illinois at Urbana/Champaign Urbana, IL
2005	Doctor of Medicine <i>magna cum laude</i>	Loyola University Stritch School of Medicine Maywood, IL
2009	Master of Public Health (MPH)	Harvard School of Public Health Boston, MA

Postgraduate/Fellowship Training

2005 – 2012	Resident in General Surgery Brigham and Women's Hospital, Boston, MA
2013	Fellow, Minimally Invasive Surgery The Ohio State University Medical Center, Columbus, OH

Certifications and Licensure

2005	Medical License, Commonwealth of Massachusetts
2012	Medical License, State of Ohio
2013	Medical License, State of Wisconsin
2013	American Board of Surgery Certification (# 57640)
2013	Certificate of Acknowledgment of Satisfactory Training in Bariatric Surgery, American Society for Metabolic and Bariatric Surgery
2014	Intuitive Surgical, da Vinci Surgical System, Console Surgeon, multiport robotic surgery
2014	Certificate of Acknowledgment of Training in the Fundamental Use of Surgical Energy (FUSE), Society of American Gastrointestinal and Endoscopic Surgeons (SAGES)

2015 LINX® Reflux Management System Completion of Training Requirements, Torax Medical Inc.

Present Appointments/Positions

Administrative Leadership

2019 – present Chief of the Division of General Surgery, William S. Middleton Veterans Administration Hospital, Madison, WI

2024 – present Vice Chair of Research, Department of Surgery, University of Wisconsin School of Medicine and Public Health, Madison, WI

Faculty Appointment

2013 – present Investigator, Wisconsin Surgical Outcomes Research Program (WiSOR), University of Wisconsin School of Medicine and Public Health

2015 – present Faculty Affiliate Member, University of Wisconsin Department of Industrial and Systems Engineering, Madison, WI

2022 – present Core Investigator, Wisconsin Surgical Outcomes Research Program (WiSOR), University of Wisconsin School of Medicine and Public Health

2022 – present Faculty Affiliate Member, Center for Health Disparities Research, University of Wisconsin School of Medicine and Public Health, Madison, WI

2024 – present Professor of Surgery (with Tenure), University of Wisconsin School of Medicine and Public Health, Madison, WI

Hospital Appointment

2013 – present Minimally Invasive and Bariatric Surgeon, University of Wisconsin Hospital and Clinics, Madison, WI

2013 – present Staff surgeon, William S. Middleton Memorial Veterans Hospital, Madison, WI

Past Appointments/Positions

Administrative Leadership

2014 – 2017 Director of Surgical Education, William S. Middleton Memorial Veterans Hospital, Madison, WI

2015 – 2024 Director, UW Minimally Invasive Surgery Research, Department of Surgery, University of Wisconsin School of Medicine and Public Health, Madison, WI

2017 – 2024 Associate Program Director, Advanced Gastrointestinal Minimally Invasive Surgery Fellowship University of Wisconsin School of Medicine and Public Health, Madison, WI

Faculty Appointment

2005 – 2008 Clinical Fellow, Harvard Medical School, Boston, MA

2008 – 2010 Research Fellow, Department of Health Policy and Management, Harvard School of Public Health, Boston, MA

2010 – 2012 Clinical Fellow, Harvard Medical School, Boston, MA

2012 – 2013 Clinical Assistant Professor of Surgery, The Ohio State University Medical Center, Columbus, OH

2013 – 2015 Assistant Professor of Surgery (Clinical Health Sciences track), University of Wisconsin School of Medicine and Public Health, Madison, WI

2013 – 2022 Investigator, University of Wisconsin Health Innovation Program, Madison, WI

2015 – 2019	Assistant Professor of Surgery (Tenure track), University of Wisconsin School of Medicine and Public Health, Madison, WI
2019 – 2024	Associate Professor of Surgery (with Tenure), University of Wisconsin School of Medicine and Public Health, Madison, WI

Professional Society Memberships

2005 – present	American College of Surgeons (ACS) - Associate Member (2005-2015) - Fellow (2015-present)
2008 – 2018	Society for Surgery of the Alimentary Tract (SSAT)
2012 – present	Society of American Gastrointestinal and Endoscopic Surgeons (SAGES)
2012 – present	American Society for Metabolic and Bariatric Surgery (ASMBS) - Associate member (2012-2016) - Wisconsin Chapter member (2015-present) - Fellow (2016-present)
2013 – present	The Zollinger Surgical Society
2014 – present	Association for Academic Surgery (AAS)
2014 – present	Wisconsin Surgical Society
2014 – present	Association of VA Surgeons (AVAS) - Candidate member (2014-2016) - Member (2016-present)
2014 – present	Surgical Outcomes Club
2015 – 2022	American Hernia Society (AHS)
2015 – 2022	Central Surgical Association (CSA)
2016 – present	Wisconsin Medical Society
2018 – present	Society of University Surgeons (SUS)
2018 – present	Society of Asian Academic Surgeons (SAAS)
2020 – present	Surgical Biology Club II
2024 – present	Society of Clinical Surgery

Honors and Awards

2001	Phi Beta Kappa, University of Illinois at Urbana/Champaign, Champaign, IL
2005	Alpha Omega Alpha, Loyola University Stritch School of Medicine, Maywood, IL
2007	Citation for Excellence in Teaching, Tufts University School of Medicine, Boston, MA
2007, 2009	Peter Bent Brigham Scholar Award, Brigham and Women's Hospital, Boston, MA
2009	John A. Mannick Research Award, Brigham and Women's Hospital, Boston, MA
2012	Robert T. Osteen Teaching Award, Harvard Medical School, Brigham and Women's Hospital, Boston, MA
2015	The Fenstermacher Educator Award, University of Wisconsin School of Medicine and Public Health, Madison, WI
2015	ASMBS Annual Meeting (Obesity Week). Top Papers and Videos session. "Primary care physician approaches to severe obesity treatment and bariatric surgery: a qualitative study."
2016	ASMBS Annual Meeting (Obesity Week). Poster of Distinction session. "Trends in prevalence of severe obesity and bariatric surgery access: A state level analysis from 2011-2014."
2018	Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) Young Researcher Award
2018	Association for Academic Surgery/Colombian Surgical Association International Visiting Professorship Award
2018	UW Health Physician Excellence Award nominee
2019	American Society for Metabolic and Bariatric Surgery (ASMBS) Advocacy Award
2021	Dr. Anthony S. Fauci Award, Department of Surgery, UW-Madison
2022	Expertscape Expert in Obesity, Expertscape.com
2022	Academic Surgery Congress 10x10 Career Development Traveling Fellowship, Association for Academic Surgery/Society for University Surgeons (August 16-20, Los Angeles, CA)
2024	Avant-Garde Healthcare Research All-Star, Top 1% in General Surgery

Editorial Activities

Associate Editor

2018 – 2020 *Journal of Surgical Research (J Surg Res)*
2020 – present *Annals of Surgery Open: Perspectives of Surgical History, Education and Clinical Approaches*
- *General Surgery Section Editor*

Editorial Board

2016 – 2021 *Journal of Laparoendoscopic & Advanced Surgical Techniques (J Laparoendosc Adv Surg Tech A.)*
2020 – present *Annals of Surgery (Ann Surg)*
2020 – present *American Journal of Surgery (Am J Surg)*
2020 – present *Annals of Surgery Open (AOSO)*

Journal Referee

2012 – present *Surgical Laparoscopy, Endoscopy, & Percutaneous Techniques (Surg Laparosc Endosc Percutan Tech)*
2013 – present *Annals of Surgery (Ann Surg)*
2013 – present *Journal of Surgical Research (J Surg Res)*
2014 – present *JAMA Surgery (JAMA Surg)*
2014 – present *Surgery*
2014 – present *Surgical Endoscopy (Surg Endosc)*
2015 – present External Peer Reviewer, *UpToDate*
2015 – present *Journal of Laparoendoscopic & Advanced Surgical Techniques (J Laparoendosc Adv Surg Tech A.)*
2015 – present *Journal of the American College of Surgeons (J Amer Coll Surg)*
2015 – present *BMC (BioMed Central) Obesity*
2017 – present *Surgery for Obesity and Related Diseases (Surg Obes Relat Dis)*
2017 – present *Journal of the American Medical Association (JAMA)*
2017 – present *BMC (BioMed Central) Surgery*
2017 – present *Medical Care (Med Care)*
2017 – present *Journal of Gastrointestinal Surgery (J Gastrointest Surg)*
2017 – present *International Journal of Obesity (Int J Obes)*
2020 – present *American Journal of Surgery (Am J Surg)*
2020 – present *JAMA Network Open (JAMA Netw Open)*

Textbook Section Editor

2014 - 2015 "Part IV: Small Bowel and Appendix Surgery" in H. Chen (Ed.) *Illustrative Handbook of General Surgery*, 2nd Edition. Amherst, MA (Springer SBM)

Grant Support

Current Awards

Title: **Teaching Obesity Treatment Options to Adult Learners (TOTAL): A Multi-site RCT**
Source: Veterans Health Administration (VA) HSR&D
Grant number: HSR&D IIR 20-322
Monetary amount: \$1,529,179
Years of award: 5/1/2022-4/28/2026
Principal Investigator: Luke M. Funk, MD, MPH

Title: **Evaluation of vitamin A absorption from fortified bouillon using post-prandial retinyl ester response in comparison with an oil-based vitamin A supplement**
Source: Particles for Humanity
Grant number: N/A
Monetary amount: \$283,072
Years of award: 9/1/22-12/31/24

Role of faculty member: Co-I
 Principal Investigator: Sherry Tanumihardjo, PhD
 Percentage of effort: 10%

Title: **Implantable Self-Powered Biofeedback Vagus Nerve Stimulator for Weight Control**
 Source: NIH/NIBIB
 Grant number: R01EB034241
 Monetary amount: \$2,143,448
 Years of award: 9/25/23-9/24/27
 Role of faculty member: Co-I
 Principal Investigator: Xudong Wang, PhD
 Percentage of effort: 2%

Title: **Molecular and Applied Nutrition Training Program**
 Source: NIH/NIDDK
 Grant Number: T32 DK007665-28
 Total Award: \$1,650,296
 Years of Award: 7/1/2021-6/30/2026
 Principal Investigator: Richard S. Eisenstein, PhD
 Role of faculty member: Trainer

Title: **Surgical Oncology Research Training Program**
 Source: NIH/NCI
 Grant Number: T32 CA090217-22
 Total Award: \$480,409
 Years of Award: 6/1/2021-5/31/2026
 Principal Investigator: Heather Neuman, MD, MPH and Wei Xu, PhD
 Role of faculty member: Associate Trainer

Pending awards

Title: **Replacement of Obsolete Isotope Ratio Mass Spectrometers and Cavity Ring-Down Spectroscopy for Stable Isotope Analysis in Biosciences**
 Source: University of Wisconsin School of Medicine and Public Health Vice Chancellor for Research and Postgraduate Studies (OVCRGE)
 Grant number: N/A
 Monetary amount: \$500,000
 Years of award: pending
 Principal Investigator: **Luke M. Funk, MD, MPH**
 Percentage of effort: N/A

Past awards

Title: **Identifying and Addressing Barriers to Severe Obesity Care**
 Source: American College of Surgeons George H.A. Clowes Career Development Award
 Grant number: N/A
 Monetary amount: \$225,000
 Years of award: 7/1/2018-6/30/2024
Principal Investigator: Luke M. Funk, MD, MPH

Title: **Technical Validation of MR Biomarkers of Obesity-Associated NAFLD**
 Source: NIH/NIDDK
 Grant number: 2R01DK088925-06A1
 Monetary amount: \$2,500,000
 Years of award: 9/20/2017-7/31/2022
 Principal Investigator: Scott Reeder, MD, PhD
 Role of faculty member: Co-investigator
 Percentage of effort: 2.5%

Title: **Addressing Bariatric Surgery Barriers**
 Source: University of Wisconsin School of Medicine and Public Health, institutional start-up funding
 Grant number: N/A
 Monetary amount: \$125,000

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Years of award: 2015-2022

Principal Investigator: Luke M. Funk, MD, MPH

Percentage of effort: N/A

Title: Identifying Obesity Treatment Barriers and Facilitators

Source: Department of Surgery, University of Wisconsin School of Medicine and Public Health

Grant number: N/A

Monetary amount: \$300,000

Years of award: 2014-2022

Principal Investigator: Luke M. Funk, MD, MPH

Percentage of effort: N/A

Title: Identifying and Addressing Barriers to Bariatric Surgery within VA

Source: Veterans Health Administration (VA) HSR&D

Grant number: CDA 15-060

Monetary amount: \$1,366,639

Years of award: 3/1/2016-2/28/2021

Principal Investigator: Luke M. Funk, MD, MPH

Percentage of effort: 75%

Title: Addressing Disparities in Bariatric Surgery outcomes for Medicaid Patients

Source: NIH/NIMHD

Grant number: 1R21MD012655

Monetary amount: \$275,000

Years of award: 9/19/2018-4/30/2021

Principal Investigator: Luke M. Funk, MD, MPH

Percentage of effort: 15%

Title: Long-term Mental Health Outcomes of Bariatric Surgery

Source: NIH/NIDA

Grant number: R01 DA040056

Monetary amount: \$2,500,000

Years of award: 9/15/2016-4/30/2021

Principal Investigator: Matthew Maciejewski, PhD

Role of faculty member: Consultant

Title: Development of a Weight Maintenance Intervention for Bariatric Surgery Patients

Source: Veterans Health Administration (VA) HSR&D

Grant number: PPO 16-331

Monetary amount: \$100,000

Years of award: 8/1/2017-7/31/2018

Principal Investigator: Corrine I. Voils, PhD

Role of faculty member: Co-investigator

Percentage of effort: 10%

Title: Assuring and Defining Outcomes through Procedural Training (ADOPT)

Source: Covidien

Monetary Amount: \$260,000

Years of award: 2014-2016

Principal Investigator: Carla Pugh, MD, PhD

Role of faculty member: Collaborator

Percentage of effort: 1%

Title: Technical Validation of MRI Biomarkers of Liver Fat

Source: NIH/NIDDK

Grant number: R01 DK088925

Monetary amount: \$758,139

Years of award: 9/5/2010-6/30/2015

Principal Investigator: Scott Reeder, MD, PhD

Role of faculty member: Co-investigator

Percentage of effort: 2.5%

Title: **Understanding Primary Care Physician Perspectives on Severe Obesity**
 Source: American Society for Metabolic and Bariatric Surgery
 Monetary amount: \$25,000
 Years of award: August 2014 – July 2015
Principal Investigator: Luke M. Funk, MD, MPH
 Percentage of effort: N/A

Title: **Novel Method for Rapid 3D T2-Mapping with Magnetic Resonance Imaging**
 Source: UW Institute for Clinical and Translational Research (ICTR)
 Grant number: N/A
 Monetary amount: \$48,579
 Years of award: 2020
 Principal Investigator: Scott Reeder, MD, PhD
 Role of faculty member: Consultant

Title: **Surgery Summer Research Experience for Medical Students**
 Source: NIH/NIDDK
 Grant Number: 5T35DK062709-17
 Total Award: \$54,043
 Years of Award: 5/1/2022-4/30/2023
 Principal Investigator: Joshua Mezrich, MD
 Role of faculty member: Trainer

Title: **Short-Term Research Training program in diabetes, endocrinology, and metabolism**
 Source: NIH/NIDDA
 Grant Number: T35 DK07383-23
 Monetary amount: \$126,941
 Year of award: 2002
 Principal Investigator: Alvin C. Powers, MD
 Role of faculty member: Medical student, researcher
 Percentage of effort: N/A

Publications

Available at:

<https://www.ncbi.nlm.nih.gov/sites/myncbi/luke.funk.1/bibliography/45258147/public/?sort=date&direction=descending>

For each publication, the numbers in parentheses represent Dr. Funk's percentage of responsibility for the following: (Concept Development and Design, Mentoring, Data Acquisition, Analysis, Writing)

*Indicates that first author is a mentee of Dr. Funk

Refereed Articles

1. Finnan R, **Funk LM**, Pinzur M, Rabin S, Lomasney L, Jukenelis. Health related quality of life in patients with supination-external rotation stage IV ankle fractures. *Foot ankle int.* 2005;26:1038-1041. PMID: 16390636. (30, 0, 50, 30, 40)
2. **Funk LM**, Robinson WP, and Menard MT. Surgical treatment of an infected popliteal artery aneurysm 12 years following aneurysm exclusion and bypass. *Ann Vasc Surg* 2010; 24(4):553.e9-553.e11. PMID: 20097519. (80, 0, 90, 90, 90)
3. Semel ME, Resch S, Haynes AB, **Funk LM**, Bader A, Berry WR, Weiser TG, Gawande AA. Adopting a surgical safety checklist could save money and improve the quality of care in U.S. hospitals. *Health Affairs* 2010;29:1593-1599. PMID: 20820013; PMCID: PMC3069616. (5, 0, 5, 5, 5)
4. **Funk LM**, Weiser TG, Berry WB, Lipsitz SR, Merry AF, Enright AC, Wilson IH, Dziekan G, Gawande AA. Global operating theatre distribution and pulse oximetry supply: an estimation from reported data. *Lancet* 2010;376:1055-1061. PMID: 20598365. (80, 0, 60, 90, 90)
5. Ehrenfeld JM, **Funk LM**, Van Schalkwyk J, Merry A, Sandberg WS, Gawande AA. The incidence of hypoxemia during

- surgery: evidence from two institutions. *Can J Anaesth* 2010;57:888-897. PMID: 20680710; PMCID: PMC2991088. (40, 0, 10, 10, 20)
6. **Funk LM**, Gawande AA, Semel ME, Lipsitz SR, Berry WR, Zinner MJ, Jha AK. Esophagectomy outcomes at low-volume centers: the association between systems characteristics and mortality. *Ann Surg* 2011;253:912-917. PMID: 21422913. PMCID: PMC7065506. (60, 0, 75, 90, 90)
 7. Weiser TG, Semel ME, Simon AE, Lipsitz SR, Haynes AB, **Funk LM**, Berry WR, Gawande AA. In-hospital death following inpatient surgical procedures in the United States, 1996-2006. *World J Surg* 2011;35:1950-1956. PMID: 21732207. (5, 0, 5, 5, 5)
 8. Semel ME, Lipsitz SR, **Funk LM**, Bader AM, Weiser TG, Gawande AA. Rates and patterns of death after surgery in the United States, 1996 and 2006. *Surgery* 2012;151:171-182. PMID: 21975292. (5, 0, 5, 5, 5)
 9. **Funk LM**, Ashley SA. Minimal invasion and maximal benefit. *Arch Surg* 2012;147:365. PMID: 22508782. (90, 0, 90, 90, 90)
 10. Kwok A, **Funk LM**, Baltaga R, Lipsitz SR, Merry A, Dziekan G, Ciobanu G, Berry WB, Gawande AA. Implementation of the World Health Organization surgical safety checklist, including introduction of pulse oximetry, in a resource-limited setting. *Ann Surg* 2012;257:633-639. PMID: 23207242. (50, 0, 0, 10, 5)
 11. Molina G, **Funk LM**, Rodriguez V, Lipsitz SR, Gawande AA. Evaluation of Surgical Care in El Salvador Using the WHO Surgical Vital Statistics. *World J Surg* 2013;37:1227-1235. PMID: 23525599. (40, 40, 0, 40, 25)
 12. Perry KA, **Funk LM**, Muscarella P, Melvin WS. Perioperative outcomes of laparoscopic transhiatal esophagectomy with antegrade esophageal inversion for high grade dysplasia and invasive esophageal cancer. *Surgery* 2013;154:901-908. PMID: 24008087. (10, 0, 0, 10, 10)
 13. **Funk LM**, Conley DM, Berry WR, Gawande AA. Hospital management practices and availability of surgery in Sub-Saharan Africa: A pilot study of three hospitals. *World J Surg* 2013;37:2520-2528. PMID: 23942530. (50, 0, 90, 50, 60)
 14. **Funk LM**, Perry KA, Narula V, Mikami DJ, Melvin WS. Current national practice patterns for management of ventral abdominal wall hernia: a population-based study. *Surg Endosc* 2013;27:4104-4112. PMID: 23860608. (60, 0, 100, 100, 80)
 15. **Funk LM**, Kanji A, Melvin WS, Perry KA. Elective antireflux surgery in the United States: An analysis of national trends in utilization and inpatient outcomes from 2005-2010. *Surg Endosc* 2014;28:1712-1719. PMID: 24380995. (60, 0, 100, 100, 80)
 16. **Funk LM**, Campos GM. Variability of Weight Loss Results with Roux-en-Y Gastric Bypass. *Surg Obes Relat Dis* 2014;10:820-821. PMID: 24929270. (50, 0, 40, 50, 60)
 17. **Funk LM**, Suzo A, Mikami DJ, Needleman BJ. Two-year outcomes for Medicaid vs. non-Medicaid patients who undergo laparoscopic roux-en-Y gastric bypass: a case-control study. *Obese Surg* 2014;24:1679-1685. PMID: 24668544. (90, 50, 20, 95, 95)
 18. **Funk LM**, Zhang J, Drosdeck JM, Melvin WS, Walker, JA, Perry KA. Long-term cost-effectiveness of medical, surgical, and endoscopic management of gastroesophageal reflux disease. *Surgery* 2015;157:126-136. PMID: 25262216. (50, 30, 20, 20, 90)
 19. Smith CT, Katz MG, Foley D, Welch B, Levenson GE, **Funk LM**, Greenberg JA. Incidence and risk factors of incisional hernia formation following abdominal organ transplantation. *Surg Endosc* 2015;29:398-404. PMID: 25125093; PMCID: PMC4324562. (0, 5, 0, 5, 5)
 20. Kim RY, Kwakye G, Kwok A, Baltaga R, Ciobanu G, Merry A, **Funk LM**, Lipsitz SR, Gawande AA, Berry WR, Haynes A. Sustainability and long-term effectiveness of the WHO Surgical Safety Checklist in a resource-limited setting: two year update from Moldova. *JAMA Surg* 2015;150:473-479. PMID: 25806951. (5, 5, 0, 5, 5)
 21. *Fox BT, Chen EY, Suzo A, Greenberg JA, Campos GM, Voils CI, **Funk LM**. Dietary and psych predictors of weight loss after gastric bypass. *J Surg Res* 2015;197:283-290. PMID: 25940162; PMCID: PMC6377256. (90, 100, 10, 100,

22. **Funk LM**, Jolles S, Fischer LE, Voils CI. Patient and referring practitioner characteristics associated with the likelihood of undergoing bariatric surgery: a systematic review. *JAMA Surg* 2015;150:999-1005. PMID: 26222655; PMCID: PMC4992360. (90, 0, 80, 90, 100)
23. Shabino PJ, Khoraki J, Elegbede AF, Schmocker RK, Nabozny MJ, **Funk LM**, Greenberg JA, Campos GM. Reduction of surgical site infections after laparoscopic gastric bypass with circular stapled gastrojejunostomy. *Surg Obes Relat Dis*. 2016;12:4-9. PMID: 26048519. (5, 5, 0, 5, 5)
24. Khoraki J, Katz MG, **Funk LM**, Greenberg JA, Fernandez LA, Campos GM. Feasibility and outcomes of laparoscopic sleeve gastrectomy after solid organ transplantation. *Surg Obes Relat Dis* 2016;12:75-83. PMID: 26048513. (5, 5, 0, 5, 5)
25. *Chen EY, Fox BT, Suzo A, Greenberg JA, Campos GM, Garren MJ, **Funk LM**. One year surgical outcomes and costs for Medicaid vs. non-Medicaid patients undergoing laparoscopic Roux-en-Y gastric bypass: a single center study. *Surg Laparosc Endosc Percutan Tech* 2016;26:38-43. PMID: 26048513; PMCID: PMC4742364. (90, 100, 20, 70, 30)
26. Khoraki J, **Funk LM**, Greenberg JA, Levenson G, Campos GR. The effect of route of anvil insertion on stricture rates with circular stapled gastrojejunostomy during laparoscopic gastric bypass. *Obes Surg*. 2016;26:517-24. PMID: 26140856. (5, 5, 0, 5, 5)
27. **Funk LM**, Jolles SA, Greenberg CC, Schwarze ML, Safdar N, McVay MA, Whittle JC, Maciejewski ML, Voils CI. Primary care physician approaches to severe obesity treatment and bariatric surgery: a qualitative study. *Surg Obes Relat Dis*. 2016;12:893-901. PMID: 26948943; NIHMSID:NIHMS1009794. (90, 10, 20, 50, 90)
28. *Shah N, Greenberg JA, Levenson G, Statz AK, Jolles SA, **Funk LM**. Weight loss after bariatric surgery: a propensity score analysis. *J Surg Res*. 2016;202:449-54. PMID: 27041600. (90, 100, 20, 70, 30)
29. **Funk LM**, Jolles SA, Voils CI. Obesity as a Disease: Has the AMA resolution had an impact on how physicians view obesity? *Surg Obes Relat Dis* 2016;12:1431-1435. PMID: 27444860. PMCID: PMC6985908. (90, 10, 20, 50, 90)
30. *Shah N, Greenberg JA, Levenson G, **Funk LM**. Predictors of high cost following bariatric surgery: a single institution review. *Surgery* 2016;160:877-884. PMID: 27521041. (90, 100, 15, 20, 70)
31. Zaman JA, Shah N, Levenson GE, Greenberg JA, **Funk LM**. Optimal perioperative glucose control in morbidly obese bariatric surgery patients does not improve outcomes but does predict type II diabetes resolution. *Surg Endosc* 2017;31:1407-1413. PMID: 27450209. (50, 100, 20, 30, 30)
32. **Funk LM**, Gunnar W, Dominitz JA, Eisenberg D, Frayne S, Maggard-Gibbons M, Kalarchian MA, Livingston E, Sanchez V, Smith BR, Weidenbacher H, Maciejewski ML. A health services research agenda for bariatric surgery within the Veterans Health Administration. *J Gen Intern Med* 2017;32(Suppl 1):65-69. PMID: 28271434; PMCID: PMC5359154. (50, 0, 20, 50, 70)
33. **Funk LM**, Shan Y, Voils CI, Kloke J, Hanrahan LP. Electronic health record data vs. the National Health and Nutrition Examination Survey (NHANES): a comparison of overweight and obesity rates. *Med Care* 2017;55:598-605. PMID: 28079710. PMCID: PMC6985906. (70, 0, 15, 20, 90)
34. *Henkel DS, Mora-Pinzon MC, Remington PL, Jolles SA, Voils CI, Gould JC, Kothari SN, **Funk LM**. Trends in the prevalence of severe obesity and bariatric surgery access: A state level analysis from 2011-2014. *J Laparoendosc Adv Surg Tech A* 2017;27:669-675. PMID: 28557643. (60, 90, 5, 50, 40)
35. Imbus J, **Funk LM**. Commentary on Varban et al.: Far from Standardized: Using Surgical Videos to Identify Variation in Technique for Laparoscopic Sleeve Gastrectomy. *J Laparoendosc Adv Surg Tech A*. 2017;27:768-769. PMID: 28686549; PMCID: PMC6939584. (70, 100, 50, 50, 50)
36. *Statz AK, Stroud AM, Jolles SA, Greenberg JA, Lidor AO, Shada AL, Wang X, **Funk LM**. Psychosocial factors are associated with quality of life after laparoscopic anti-reflux surgery. *J Laparoendosc Adv Surg Tech A*. 2017;27:755-760. PMID: 28557566. (80, 100, 10, 40, 50)

37. *Gunter RL, Shada AL, **Funk LM**, Wang X, Greenberg JA, Lidor AO. Long-term quality of life outcomes following Nissen versus Toupet fundoplication in patients with GERD. *J Laparoendosc Adv Surg Tech A*. 2017;27:931-936. PMID: 28737451. (10, 60, 10, 20, 20)
38. *Veigel AJ, Shah N, Greenberg JA, Lidor AO, Shan Y, Wang X, **Funk LM**. Patient-Reported Quality of Life after Bariatric Surgery: A Single Institution Analysis. *J Surg Res*. 2017;218:117-123. PMID: 28985837; PMCID: PMC6919965. (60, 100, 10, 50, 50)
39. Mora-Pinzon MC, Henkel D, Miller RE, Remington PL, Gould JC, Kothari SN, **Funk LM**. Emergency department visits and readmissions within one year of bariatric surgery: a statewide analysis using hospital discharge records. *Surgery* 2017;162:1155-1162. PMID: 28755967. (70, 90, 0, 50, 40)
40. Papageorge CM, Poulouse BK, Phillips S, **Funk LM**, Rosen M, Greenberg JA. Primary fascial closure during laparoscopic ventral hernia repair does not reduce 30-day wound complications. *Surg Endosc* 2017;31:4551-4557. PMID: 28378079. (5, 5, 0, 10, 5)
41. Voils CI, Adler R, Liu N, **Funk LM**. Understanding weight regain and the need for life-long follow-up after bariatric surgery. *Current Surgery Reports* 2017;5:33. DOI: 10.1007/s40137-017-0196-z. (25, 30, 10, 30, 25)
42. Shada A, Stem M, **Funk LM**, Greenberg JA, Lidor AO. Concurrent bariatric surgery and paraesophageal hernia repair: comparison of sleeve gastrectomy and roux-en-y gastric bypass. *Surg Obes Relat Dis* 2018;14:8-13. PMID: 28869165. (5, 5, 0, 10, 10)
43. Khoraki J, Neto AP, Morales MG, **Funk LM**, Greenberg JA, Campos GM. Long-term outcomes of laparoscopic adjustable gastric banding at an academic medical center in the United States. *Am J Surg* 2018;215:97-103. PMID: 28693840. (5, 5, 0, 10, 10)
44. Greenberg JA, Jolles S, Sullivan S, Quamme SP, **Funk LM**, Lidor AO, Greenberg CC, Pugh CM. A structured, extended training program to facilitate adoption of new techniques for practicing surgeons. *Surg Endosc* 2018;32:217-224. PMID: 28643054. (0, 0, 5, 5, 5)
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*Indicates first author is a mentee of Dr. Funk

Non-Refereed Articles

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24. "Candid Takes on Hot Topics with KOLS in Surgery/Endoscopy: Part 3: Work Hours." MISS eNEWS: Improving Patient Outcomes with Minimally Invasive Surgery. Vol. 8, No. 60. Available at: https://globalacademycme.com/conferences/miss/miss-enews?utm_source=MISS%20eNews%20October%202021&utm_medium=Email&utm_content=MISS%20eNews%20October%202021#miss_vol8no60_interview. Accessed on October 28, 2021.

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2. Funk LM and Greenberg JA. Chapter 21, Minimally Invasive Surgery: Equipment and Troubleshooting. *ACS Surgery: Principles and Practice*, Decker Intellectual Properties, 2011. Print.
3. Funk LM and Melvin WS. Endoscopic Fundoplication for GERD. *Operative Techniques in Surgery*. Eds. Mulholland, Hawn, Hughes, Albo, Sabel, Dalman. Philadelphia: Lippincott, 2014. Print.
4. Wiseman JT and Funk LM. Laparoscopic Splenectomy. *Illustrative Handbook of General Surgery (ed 2)*. Ed. Chen H : Springer International Publishing, 2016. Print.
5. Wiseman JT and Funk LM. Appendectomy. *Illustrative Handbook of General Surgery (ed 2)*. Ed. Chen H: Springer International Publishing, 2016. Print.
6. Fischer L and Funk LM. Small Bowel Resection. *Illustrative Handbook of General Surgery (ed 2)*. Ed. Chen H: Springer International Publishing, 2016. Print.
7. Funk LM. Laparoscopic Ventral Hernia Repair. *Illustrative Handbook of General Surgery (ed 2)*. Ed. Chen H: Springer International Publishing, 2016. Print.
8. Shabino PJ and Funk LM. Bariatric Surgery Outcomes. *Current Problems in Surgery*. Ed. Telem D: In press, 2017.
9. Gunter RL and Funk LM. Identifying Patients with Eosinophilic Esophagitis and Functional Heartburn. The SAGES Manual of Foregut Surgery. Eds. Grams J, Perry K, and Tavakkoli, A: Springer International Publishing, 2019. Print.
10. Imbus J and Funk LM. Shared Decision-Making. *Quality in Obesity Treatment*. Eds. Morton JM, Brethauer S, Hutter M, DeMaria E, Kahan S. Springer International Publishing, 2019. Print.
11. Locke JE and Funk LM. Creating Balance Between Your HSR Academic Development and Clinical Practice. Building a Clinical Practice. Eds. Wang TS, Beck AW. Springer Nature Switzerland AG, 2020. EBook. Available at <https://doi.org/10.1007/978-3-030-29271-3>. Accessed on December 16, 2020.
12. Funk LM and Melvin WS. Endoscopic Fundoplication for GERD. *Operative Techniques in Surgery (ed. 2)*. Eds. Hawn, Albo, Brown, Goldberg, Hughes, Pryor, Sabel. Philadelphia: Lippincott, 2022. Print.
13. Funk LM. Commentary on Minimally Invasive Splenectomy. *Fischer's Mastery of Surgery (ed. 8)*. Eds: Ellison and Upchurch Jr. Wolters Kluwer, 2023 (in press).

Technical Reports/Other Publications

1. Berry W, Barreiro G, Dziekan G, Enright A, Evans P, Funk L, Gawande A, Wilson I, McDougall RJ, Merry A, Nuevo F,

- Ortega R, Scott M, Ttendo S, Walker I, Wilkinson DJ (co-contributors). "Pulse Oximetry Training Manual." World Health Organization. WHO Press, 2011. Available at http://www.who.int/patientsafety/safesurgery/pulse_oximetry/who_ps_pulse_oxymetry_training_manual_en.pdf. Accessed on September 12, 2013.
2. **Funk LM**, Kanji A, Perry KA, Melvin WS. Educational video: "Minimally Invasive Esophagectomy with Antegrade Esophageal Inversion." SAGES Annual Meeting, 2013. Baltimore, MD (April 18, 2013).
 3. **Funk LM**, Renton D. Educational video: "Laparoscopic repair of diaphragmatic hernia." SAGES 2013 Meeting, Bonus Videos. Available at <https://www.sages.org/video/details.php?id=104042>. Accessed on December 27, 2013.
 4. **Funk LM**, Mikami DJ. Educational video: "Endoscopic stenting of gastric sleeve leaks." SAGES Top 21, 2013.
 5. SAGES Continuing Education Committee Journal Club Task Force selected our article (**Funk LM**, Perry KA, Narula V, Mikami DJ, Melvin WS. Current national practice patterns for management of ventral abdominal wall hernia: a population-based study. *Surg Endosc* 2013;27:4104-4112.) for inclusion in its Learning Management System, SAGES University. SAGES University Journal Club selected our article as the basis for a post-test assessment for CME credit.
 6. *Surg Obes Relat Dis.* (SOARD) selected our article (**Funk LM**, Jolles SA, Greenberg CC, Schwarze ML, Safdar N, McVay MA, Whittle JC, Maciejewski ML, Voils CI. Primary care physician approaches to severe obesity treatment and bariatric surgery: a qualitative study. *Surg Obes Relat Dis* 2015 Dec 2. pii: S1550-7289(15)01081-3) for a post-test assessment for CME credit.
 7. "Wisconsin State Chapter of the ASMBS 2016 Fall Newsletter." Editor. Available at: <http://asmbswi.org/wp-content/uploads/2016/03/ASMBSwi-newsletter-3.pdf>. Accessed on September 2, 2016.
 8. "Wisconsin State Chapter of the ASMBS 2017 Spring Newsletter." Editor. Available at: <http://asmbswi.org/wp-content/uploads/2017/04/spring-2017-ASMBSwi-newsletter.pdf>. Accessed on April 27, 2017.
 9. "Wisconsin State Chapter of the ASMBS 2017 Fall Newsletter." Editor. Available at: <http://asmbswi.org/wp-content/uploads/2017/09/fall-2017-ASMBSwi-newsletter.pdf>. Accessed on September 22, 2017.
 10. "Annals of Surgery Takes the Challenge." Available at: <https://journals.lww.com/annalsofsurgery/Documents/Annals%20of%20Surgery%20Takes%20the%20Challenge.pdf>. Accessed on September 17, 2020.

Presentations at Regional, National, or International Meetings

*Indicates that the presenter is a mentee of Dr. Funk

1. **Funk, L.** and Phillips III, J.A. (Preceptor). "Genetic Variation Screening using VLCAD Deficiency as a Model." Medical Student Summer Research Training Program, Division of Diabetes, Endocrinology & Metabolism, Vanderbilt University Medical Center, Nashville, TN (August 15, 2002).
2. **Funk, L.** and Malek, S. "Nephrogenic Fibrosing Dermopathy." Massachusetts Chapter of the American College of Surgeons, 54th Annual Meeting (December 8, 2007).
3. **Funk LM**, Weiser TG, Berry WR, et al. "Global operating room distribution and pulse oximetry supply: an estimation of essential infrastructural components for surgical care." Massachusetts Chapter of the American College of Surgeons, 56th Annual Meeting, Boston, MA (December 5, 2009).
4. Ehrenfeld JM, **Funk LM**, Van Schalkwyk J, Merry A, Sandberg WS, Gawande AA. An estimation of the global incidence of prolonged hypoxemia during surgery. Burden of Surgical Disease Working Group Meeting, Nashville, TN (March 11, 2010).
5. Kwok AC, **Funk LM**, Baltaga R, Lipsitz SR, Merry AF, Dziekan G, Berry WR, Gawande AA. Implementation of the World Health Organization Surgical Safety Checklist and Pulse Oximetry in a Resource-Limited Setting. American College of Surgeons, Clinical Congress, San Francisco, CA (October 23, 2011).
6. **Funk LM**, Melvin WS, Perry KP. The Impact of Age and Comorbidity on Outcomes Following Elective Laparoscopic

- Antireflux Surgery – An Analysis of National Trends, 2013 Academic Surgical Congress. New Orleans, LA (February 5, 2013).
7. Perry KA, **Funk LM**, Muscarella P, Melvin WS. Perioperative outcomes of laparoscopic transhiatal esophagectomy with antegrade esophageal inversion for high grade dysplasia and invasive esophageal cancer. Central Surgical Association 2013 Annual Meeting, Amelia Island, FL (March 14, 2013).
 8. Kanji A, **Funk LM**, Suzo A, Vargo, Melvin WS, Perry KA. Laparoscopic Nissen fundoplication effectively controls refractory reflux symptoms in obese and non-obese patients: patient symptoms and satisfaction at one year.” SAGES Annual Meeting, 2013, Baltimore, MD (April 17-20, 2013).
 9. Kanji A, **Funk LM**, Mikami DJ. Initial experience with confocal laser endomicroscopy in the preoperative assessment of bariatric patients. SAGES Annual Meeting, 2013, Baltimore, MD. (April 17-20, 2013).
 10. **Funk LM**, Perry KA, Narula V, Mikami DJ, Melvin WS. Current national practice patterns for management of ventral abdominal wall hernia: a population-based study. SAGES Annual Meeting, 2013, Baltimore, MD (April 18, 2013).
 11. Zhang J, **Funk LM**, Drosdeck JM, Melvin WS, Perry KA. Long-term cost-effectiveness of medical, surgical, and endoscopic management of gastroesophageal reflux disease. American College of Surgeons Clinical Congress 2013, Washington, DC (October 6-10, 2013).
 12. **Funk LM**, Suzo A, Mikami DJ, Needleman BJ. Laparoscopic Roux-en-Y Gastric Bypass Surgery Outcomes in Medicaid vs. Non-Medicaid Patients: A Case-Control Study. American Society for Metabolic and Bariatric Surgery Annual Meeting, Atlanta, GA (November 13, 2013).
 13. Kanji A, **Funk LM**, Mikami DJ, Noria S, Needleman BJ. Comparison of laparoscopic greater curve plication and laparoscopic adjustable gastric banding with with greater curve plication: weight loss and resolution of comorbidities at six months. American Society for Metabolic and Bariatric Surgery Annual Meeting, Atlanta, GA (November 13, 2013).
 14. **Funk LM**, Suzo A, Mikami DJ, Needleman BJ. Laparoscopic Roux-en-Y Gastric Bypass Surgery Outcomes in Medicaid vs. Non-Medicaid Patients: A Case-Control Study. University of Wisconsin School of Medicine and Public Health, Department of Surgery Research Summit 2014, Madison, WI (January 22, 2014).
 15. **Funk LM**, Zhang J, Drosdeck JM, Melvin WS, Perry KA. Long-term cost-effectiveness of medical, surgical, and endoscopic management of gastroesophageal reflux disease. University of Wisconsin School of Medicine and Public Health, Department of Surgery Research Summit 2014, Madison, WI (January 22, 2014).
 16. Katz G, Bellingham JM, Welch B, Levenson GE, **Funk LM**, Greenberg JA. Incidence and risk factors of incisional hernia formation following abdominal organ transplantation. 2014 Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) Annual Meeting, Salt Lake City, UT (April 3, 2014).
 17. Shabino P, Elegbede A, Schmocker R, Nabozny M, Khoraki M, **Funk LM**, Greenberg JA, Campos GR. Reduction of Surgical Site Infections after Laparoscopic Gastric Bypass with Circular Stapled Gastrojejunostomy. 2014 American College of Surgeons Clinical Congress, San Francisco, CA (October 26-30, 2014).
 18. Khoraki J, Levenson G, Neto AP, Fischer LE, **Funk LM**, Greenberg JA, Elain A, Campos GM. The effect of route of anvil insertion on stricture rates with circular stapled gastrojejunostomy during laparoscopic gastric bypass. 2014 American Society for Metabolic and Bariatric Surgery Annual Meeting, Boston, MA (November 4, 2014).
 19. Khoraki J, Katz M, Fischer LE, Neto AP, **Funk LM**, Greenberg JA, Fernandez LA, Elian A, Campos GM. Feasibility and outcomes of laparoscopic sleeve gastrectomy after solid organ (liver, kidney, or heart) transplantation. 2014 American Society for Metabolic and Bariatric Surgery Annual Meeting. Boston, MA (November 4, 2014).
 20. *Fox B, Chen E, Suzo A, Greenberg JA, Campos GM, Garren MJ, Voils CI, **Funk LM**. Nutritional and psychiatric weight loss predictors following bariatric surgery. Academic Surgical Congress 2015, Las Vegas, NV (February 3, 2015).
 21. *Chen EY, Fox B, Suzo A, Jolles S, Greenberg JA, Campos GM, Garren MJ, **Funk LM**. One-year outcomes for Medicaid vs. non-Medicaid patients after laparoscopic Roux-en-Y gastric bypass. Academic Surgical Congress 2015, Las Vegas, NV (February 4, 2015).

22. **Funk LM**, Jolles SA, Greenberg CC, Schwarze ML, Safdar N, McVay MA, Whittle JC, Maciejewski ML, Voils CI. Primary care physician approaches to severe obesity treatment and bariatric surgery: a qualitative study. 2015 American Society for Metabolic and Bariatric Surgery Annual Meeting, Los Angeles, CA (November 4, 2015).
23. *Shah N, Chen EY, Greenberg JA, Garren MJ, Levenson G, **Funk LM**. One-Year Outcomes of laparoscopic Roux-En-Y Gastric Bypass vs. vertical sleeve Gastrectomy For Morbid Obesity Treatment: A Single Institution Retrospective Review. 2015 Wisconsin Surgical Society Annual Meeting, Kohler, WI (November 14, 2015).
24. **Funk, LM**. Per Oral Endoscopic Myotomy (POEM). "How I do it" Video Session, 2015 Wisconsin Surgical Society Annual Meeting, Kohler, WI (November 14, 2015).
25. *Shah N, Chen EY, Greenberg JA, Garren MJ, Levenson G, **Funk LM**. Predictors of significant weight loss following bariatric surgery: a propensity score analysis. Academic Surgical Congress 2016, Jacksonville, FL (February 3, 2016).
26. *Shah N, Greenberg JA, Levenson G, **Funk LM**. Predictors of high cost following bariatric surgery: is it the patient, surgeon, operation or outcome? 2016 Central Surgical Association annual meeting, Montreal, Quebec (March 10, 2016).
27. Zaman JA, Shah N, Levenson G, Greenberg JA, **Funk LM**. Optimal perioperative glucose control in morbidly obese bariatric surgery patients does not improve outcomes but does predict type 2 diabetes resolution. SAGES Annual Meeting, 2016. Boston, MA (March 19, 2016).
28. Wiens CN, McMillan A, Artz NS, Agni R, Peterson M, Szeverenyi N, Haufe W, Hooker C, **Funk LM**, Campos GM, Horgan S, Jacobsen G, Wolfson T, Sirlin C, Reeder SB. Detection of reduction in liver stiffness as a result of weight loss surgery using MR Elastography. International Society for Magnetic Resonance in Medicine 24th Annual Meeting and Exhibition, Singapore (May 2016).
29. Wiens CN, McMillan AB, Artz NS, Haufe W, Campo C, Schlein A, **Funk LM**, Greenberg J, Campos GM, Sirlin C, Reeder SB. Longitudinal and cross-sectional assessment of proton density fat fraction and metabolic syndrome in obese patients undergoing weight loss surgery. International Society for Magnetic Resonance in Medicine 24th Annual Meeting and Exhibition, Singapore (May 2016).
30. Papageorge CM, **Funk LM**, Poulouse BK, Phillips S, Rosen MJ, Greenberg JA. Primary Fascial Closure During Laparoscopic Ventral Hernia Repair Does Not Reduce 30-day Wound Complications. 2016 American College of Surgeons Clinical Congress, Washington D.C (October 17, 2016).
31. **Funk LM**, McVay M, Olsen M, Grubber J, Yancy W, Voils CI. Psychosocial predictors of weight loss following a behavioral weight management intervention among Veterans with severe obesity. 2016 The Obesity Society Annual Meeting (Obesity Week), New Orleans, LA (November 3, 2016).
32. *Henkel DS, Mora-Pinzon M, Remington PL, Jolles S, Voils CI, Gould JC, Kothari SN, **Funk LM**. Trends in the prevalence of severe obesity and bariatric surgery access: A state level analysis from 2011-2014. 2016 American Society for Metabolic and Bariatric Surgery Annual Meeting (Obesity Week), New Orleans, LA (November 3, 2016).
33. *Henkel DS, Mora-Pinzon MC, Remington PL, Jolles S, Voils CI, Gould JC, Kothari SN, **Funk LM**. Trends in the Prevalence of Severe Obesity and Bariatric Surgery Access: A State Level Analysis from 2011-2014. The Wisconsin Chapter of the American College of Surgeons 2016 Annual Conference. Kohler, WI (November 4, 2016).
34. Mora Pinzon MC, Henkel D, Miller RE, Remington PL, Gould JC, Kothari SN, **Funk LM**. Prevalence and predictors of ER visits and readmissions within one year of bariatric surgery: a state-wide analysis from 2011-2014. The Wisconsin Chapter of the American College of Surgeons 2016 Annual Conference. Kohler, WI (November 4, 2016).
35. *Veigel A, Shah N, Lidor A, Greenberg JA, Shan Y, Wang X, **Funk LM**. Patient-reported quality of life outcomes after bariatric surgery: a single institution review. The Wisconsin Chapter of the American College of Surgeons 2016 Annual Conference. Kohler, WI (November 4, 2016).
36. **Funk LM**, Shan Y, Voils CI, Kloke J, Hanrahan L. An Estimation of Population-Level Obesity Rates Using Electronic Health Record Data. The Wisconsin Chapter of the American College of Surgeons 2016 Annual Conference. Kohler, WI (November 5, 2016).
37. Shada AL, Stem M, **Funk LM**, Jackson D, Greenberg JA, Lidor AO. Concurrent bariatric surgery and paraesophageal

hernia repair: sleeve gastrectomy is associated with improved short term outcomes compared to gastric bypass. The Wisconsin Chapter of the American College of Surgeons 2016 Annual Conference. Kohler, WI (November 5, 2016).

38. Shada AL, Stem M, **Funk LM**, Jackson D, Greenberg JA, Stroud A, Lidor AO. Concurrent PEH/bariatric surgery: improved outcomes of sleeve gastrectomy compared to gastric bypass. Academic Surgical Congress 2017, Las Vegas, NV (February 7, 2017).
39. **Funk LM**, Shan Y, Voils CI, Kloke J, Hanrahan L. An Estimation of Population-Level Obesity Rates Using Electronic Health Record Data. Academic Surgical Congress 2017, Las Vegas, NV (February 8, 2017).
40. *Vegel A, Shah N, Lidor A, Greenberg JA, Shan Y, Wang X, **Funk LM**. Patient-reported quality of life outcomes after bariatric surgery: a single institution review. Academic Surgical Congress 2017, Las Vegas, NV (February 9, 2017).
41. Mora Pinzon MC, Henkel D, Miller RE, Remington PL, Gould JC, Kothari SN, **Funk LM**. Predictors of ED visits and readmissions within one year of bariatric surgery: a state-wide analysis. Academic Surgical Congress 2017, Las Vegas, NV (February 9, 2017).
42. Stroud AM, Statz AK, Wang X, Jolles SA, Greenberg JA, Lidor AO, Shada AL, Jackson DC, **Funk LM**. Psychosocial factors are associated with quality of life after laparoscopic antireflux surgery. SAGES Annual Meeting, 2017. Houston, TX (March 23, 2017).
43. Shada AL, Stroud AM, Statz AK, **Funk LM**, Jolles S, Wang X, Jackson DC, Greenberg JA, Lidor AO. Comparison of long term quality of life and patient satisfaction between nissen and toupet fundoplication. SAGES Annual Meeting, 2017. Houston, TX (March 24, 2017).
44. Pooler BD, Wiens CN, McMillan A, Artz NS, Schlein A, Covarrubias Y, Hooker JC, Schwimmer JB, **Funk LM**, Campos GM, Horgan S, Jacobsen GR, Sirlin CB, Reeder SB. Monitoring Resolution of Fatty Liver Disease with MRI following Bariatric Weight Loss Surgery: A Prospective, Multi-center Study. Society of Abdominal Radiology (March 28, 2017).
45. Pooler BD, Wiens C, McMillan A, Artz N, Schlein A, Covarrubias Y, Hooker J, Schwimmer J, **Funk LM**, Campos GR, Greenberg J, Jacobsen G, Horgan S, Sirlin CB, Reeder SB. Monitoring Resolution of Fatty Liver Disease with MRI following Bariatric Surgery: A Prospective, Multi-center Study. International Society for Magnetic Resonance in Medicine (ISMRM) 2017 annual meeting. Honolulu, HI (April 22, 2017).
46. Pooler BD, Wiens C, McMillan A, Artz N, Schlein A, Covarrubias Y, Hooker J, Schwimmer J, **Funk LM**, Campos GR, Greenberg J, Jacobsen G, Horgan S, Sirlin CB, Reeder SB. In Vivo Biochemical and Histological Validation of Proton Density Fat Fraction as a Quantitative Biomarker of Hepatic Steatosis. International Society for Magnetic Resonance in Medicine 25th Annual Meeting and Exhibition, Honolulu, Hawaii (accepted for presentation on April 24, 2017).
47. Wiens CN, McMillan AB, Artz NS, Haufe W, Campo C, Schlein A, **Funk LM**, Greenberg J, Campos GM, Sirlin C, Reeder SB. Longitudinal Assessment of Visceral and Subcutaneous Adipose Tissue in Obese Patients undergoing Weight Loss Surgery. International Society for Magnetic Resonance in Medicine 25th Annual Meeting and Exhibition, Honolulu, Hawaii (accepted for presentation on April 24, 2017).
48. **Funk LM**, Jolles S, Gunter RL, Voils CI. Bariatric surgeon perspectives on barriers to severe obesity care within the Veterans Health Administration system: A qualitative analysis. 2017 American Society for Metabolic and Bariatric Surgery Annual Meeting (Obesity Week), Washington, DC (November 1, 2017).
49. Jolles SA, Gunter RL, Voils CI, **Funk LM**. Bariatric surgeon and registered dietician perspectives on barriers and facilitators to severe obesity care within the Veterans Health Administration (VHA): a qualitative analysis. The Wisconsin Chapter of the American College of Surgeons 2017 Annual Conference. Kohler, WI (November 4, 2017).
50. **Funk LM**, Jolles SA, Gunter RL, Voils CI. Bariatric surgery provider perspectives on barriers to severe obesity care. 2018 Academic Surgical Congress, Jacksonville, FL (January 31, 2018).
51. Kleppe KL, Xu Y, Wang X, Havlena JA, **Funk LM**, Greenberg Ja, Lidor AO. Healthcare Spending and Utilization Following Antireflux Surgery: Examining Costs and Reasons for Readmission. SAGES Annual Meeting, 2018. Seattle, WA (May 12, 2018).
52. Taylor LJ, Xu K, Maloney JD, Voils CI, Weber SM, **Funk LM**, Abbott DE. Postoperative surveillance for Veterans with gastrointestinal cancer – can we do better? Association of VA Surgeons 2018 Annual Meeting, Miami, FL (May 7,

53. Jolles SA, Gunter RL, Voils CI, **Funk LM**. Bariatric surgeon and registered dietician perspectives on barriers and facilitators to severe obesity care within the Veterans Health Administration (VHA): a qualitative analysis. William S. Middleton VA Research Day, Madison, WI (May 14, 2018).
54. Jolles SA, Gunter RL, Voils CI, **Funk LM**. Bariatric surgeon and registered dietician perspectives on barriers and facilitators to severe obesity care within the Veterans Health Administration (VHA): a qualitative analysis. 2018 HSR&D Career Development Conference, Salt Lake City, UT (July 12, 2018).
55. Jolles SA, Alagoz E, Voils CI, Shea G, Liu N, **Funk LM**. Motivations of Men with severe obesity who pursue bariatric surgery or medical weight management. 2018 American College of Surgeons Clinical Congress, Boston, MA (October 24, 2018).
56. *Liu N, Greenberg JA, Xu Y, Altimari M, Shada AL, **Funk LM**, Lidor AO. Phone follow-up after inguinal hernia repair. The Wisconsin Chapter of the American College of Surgeons 2018 Annual Conference. Kohler, WI (November 2, 2018).
57. *Liu N, Prout TM, Xu Y, Marowski S, **Funk LM**, Greenberg JA, Shada AL, Lidor AO. Phone follow-up after inguinal hernia repair. The Wisconsin Chapter of the American College of Surgeons 2018 Annual Conference. Kohler, WI (November 2, 2018).
58. *Cusack MC, Venkatesh M, Pontes AL, Shea GE, Svoboda DC, Liu N, Greenberg JA, Lidor AO, **Funk LM**. Differences in 30-day outcomes following intraoperative leak testing in patients undergoing laparoscopic sleeve gastrectomy or Roux-en-Y gastric bypass. The Wisconsin Chapter of the American College of Surgeons 2018 Annual Conference. Kohler, WI (November 3, 2018).
59. Nackers LM, Xu Y, **Funk LM**, Jolles SA, Greenberg JA, Lidor AO. Food insecurity is associated with lower rates of bariatric surgery and longer timeframe to achieving surgery. 2018 American Society for Metabolic and Bariatric Surgery Annual Meeting (Obesity Week), Nashville, TN (November 12, 2018).
60. Voils CI, Adler R, Allen, KD, Strawbridge E, McVay MA, Raghavan S, Grubber J, Olsen MK, **Funk LM**. Development of a behavioral intervention to improve lifestyle adherence among bariatric surgery patients. Rapid communication poster presented at the International Congress of Behavioral Medicine, Santiago, Chile (November 16, 2018).
61. *Liu N, Birstler J, Venkatesh M, Hanrahan LP, Chen G, **Funk LM**. Weight loss for patients with severe obesity: an analysis of long term electronic health record data. Academic Surgical Congress, Houston, TX (February 5, 2019).
62. *Cusack MC, Venkatesh M, Pontes A, Shea G, Svoboda D, Liu N, Greenberg JA, Lidor AO, **Funk LM**. Association between intraoperative leak testing and 30-day outcomes after bariatric surgery. Academic Surgical Congress, Houston, TX (February 6, 2019).
63. *Liu N, Prout TM, Xu Y, Marowski S, **Funk LM**, Greenberg JA, Shada AL, Lidor AO. Unnecessary use of radiology studies in the diagnosis of inguinal hernias. Academic Surgical Congress, Houston, TX (February 6, 2019).
64. Voils CI, Adler R, Allen, KD, Strawbridge E, McVay MA, Raghavan S, Grubber J, Olsen MK, **Funk LM**. Proof of concept of a behavioral intervention to improve lifestyle adherence among bariatric surgery patients. Society of Behavioral Medicine, Washington DC (March 6, 2019).
65. *Shea GE, Johnson M, Venkatesh M, Jolles SA, Prout TM, Shada AL, Greenberg JA, Lidor AO, **Funk LM**. Long-Term Dysphagia Resolution Following POEM Versus Heller Myotomy For Achalasia Patients. SAGES Annual Meeting, 2019. Baltimore, MD (April 2, 2019).
66. **Funk LM**, Jolles SA, Alagoz E, Shea GE, Gunter RL, Raffa SD, Voils CI. Barriers to bariatric surgery within the VA: a qualitative analysis of 73 semi-structured interviews with patients and providers. 2019 Association of VA Surgeons Meeting, Seattle, WA (April 29, 2019).
67. *Liu N, Birstler J, Venkatesh M, Hanrahan LP, Chen G, **Funk LM**. Body Mass Index (BMI) and chronic health conditions: where are the tipping points? 2019 American College of Surgeons Clinical Congress, San Francisco, CA (October 29, 2019).

68. *Svoboda DC, Venkatesh M, Liu N, Johnson M, Shea G, Garren MJ, Greenberg JA, Lidor AO, **Funk LM**. Perioperative cost differences between laparoscopic sleeve gastrectomy and Roux-en-Y gastric bypass: a single institution analysis. 2019 American Society for Metabolic and Bariatric Surgery Annual Meeting (Obesity Week), Las Vegas, NV (November 5, 2019).
69. Maciejewski ML, Smith VA, Berkowitz TS, Arterburn DE, Bradley KA, Olsen MK, Liu Chuan-Fen, **Funk LM**, Mitchell JE. Long-term opioid use following bariatric surgery. 2019 The Obesity Society Annual Meeting (Obesity Week), Las Vegas, NV (November 6, 2019).
70. *Liu N, Birstler J, Venkatesh M, Hanrahan LP, Chen G, **Funk LM**. Identification of BMI cut-points associated with cancer using electronic health record data. 2019 American Society for Metabolic and Bariatric Surgery Annual Meeting (Obesity Week), Las Vegas, NV (November 7, 2019).
71. *Liu N, Birstler J, Venkatesh M, Hanrahan LP, Chen G, **Funk LM**. Obesity and chronic health conditions: where are the tipping points? The Wisconsin Chapter of the American College of Surgeons 2019 Annual Conference. Kohler, WI (November 8, 2019).
72. *Liu N, Xu Y, **Funk LM**, Greenberg JA, Shada AL, Lidor AO. Postoperative outcomes of TAPP vs. TEP inguinal hernia repair. The Wisconsin Chapter of the American College of Surgeons 2019 Annual Conference. Kohler, WI (November 8, 2019).
73. *Liu N, Xu Y, **Funk LM**, Greenberg JA, Shada AL, Lidor AO. Postoperative outcomes of transabdominal preperitoneal (TAPP) vs. totally extraperitoneal (TEP) inguinal hernia repair. Academic Surgical Congress, Orlando, FL (February 4, 2020).
74. *Liu N, Venkatesh M, Hanlon BM, **Funk LM**. Impact of social determinants on bariatric surgery outcomes in Medicaid patients. Academic Surgical Congress, Orlando, FL (February 5, 2020).
75. *Johnson MK, Venkatesh M, Liu N, Breuer CR, Shada AL, Greenberg JA, Lidor AO, **Funk LM**. pH Impedance Testing is Associated with Improvement in GERD Health-Related Quality of Life Following Anti-Reflux Surgery. DDW Annual Conference, Chicago, IL (May 2, 2020). *Virtual due to coronavirus pandemic*.
76. *Murtha JA, Alagoz E, Breuer C, Finn A, Raffa SD, Voils CI, **Funk LM**. Individual-level bariatric surgery barriers in the Veterans Health Administration: a qualitative study. The Wisconsin Chapter of the American College of Surgeons 2020 Annual Conference. Kohler, WI (November 6, 2020).
77. *Murtha JA, Alagoz E, Breuer, C, Finn A, Raffa SD, Voils CI, **Funk LM**. Individual-level bariatric surgery barriers in the Veterans Health Administration. Academic Surgical Congress (February 3, 2021). *Virtual due to coronavirus pandemic*.
78. Zosa BM, Belcaster MM, Torell N, **Funk LM**, Lidor AO, Shada A. Post-POEM reflux patterns compared to GERD patients with normal motility. SAGES Annual Meeting, 2021. Las Vegas, NV (September 3, 2021).
79. *Murtha JA, Venkatesh M, Liu, Birstler J, Hanlon BM, Hanrahan LP, **Funk LM**. Association between neighborhood food environment and bariatric surgery outcomes. National Institutes of Health: Food Insecurity, Neighborhood Food Environment, and Nutrition Health Disparities – State of the Science Virtual Workshop (September 23, 2021). *Virtual symposia*.
80. *Murtha JA, Alagoz E, Breuer CR, Pati B, Voils CI, Edwards DF, **Funk LM**. Identifying behavioral facilitators to weight loss after bariatric surgery: are there differences between Medicaid and non-Medicaid patients? 2021 American College of Surgeons Clinical Congress (October 26, 2021). *Virtual symposia*.
81. *Murtha JA, Birstler J, Stalter LN, Hanlon BM, Hanrahan LP, Churpek MM, **Funk LM**. Predicting young adults at high risk for weight gain using machine learning. The Wisconsin Chapter of the American College of Surgeons 2021 Annual Conference. Kohler, WI (November 12, 2021).
82. *Murtha JA, Alagoz E, Breuer CR, Pati B, Farrar-Edwards D, Voils CI, **Funk LM**. Impact of Covid-19 on the post-operative bariatric surgery patient experience. The Wisconsin Chapter of the American College of Surgeons 2021 Annual Conference. Kohler, WI (November 12, 2021).
83. *Murtha JA, Venkatesh M, Liu N, Birstler J, Hanlon BM, Hanrahan LP, **Funk LM**. Association between Neighborhood

Food Environment and Bariatric Surgery Outcomes.” University of Wisconsin School of Medicine and Public Health, Department of Surgery Research Summit 2022 (January 13, 2022). *Virtual symposia*.

84. *Murtha JA, Alagoz E, Breuer CR, Pati B, Farrar-Edwards D, Voils CI, **Funk LM**. Impact of Covid-19 on the post-operative bariatric surgery patient experience. 2022 Academic Surgical Congress, Orlando, FL (February 3, 2022).
85. *Murtha JA, Birstler J, Stalter L, Jawara D, Hanlon B, Hanrahan L, Churpek M, **Funk LM**. Predicting young adults at high risk for weight gain using machine learning. Association of VA Surgeons 2022 Annual Meeting, Pittsburgh, PA (April 24, 2022).
86. Hanna Y, Maloney C, Peterson S, Hart N, Maloney J, **Funk LM**. Impact of rurality and age on VA Video Connect (VVC) adoption. Association of VA Surgeons 2022 Annual Meeting, Pittsburgh, PA (April 25, 2022).
87. Varley PR, Kloth HM, Harris D, **Funk LM**, Maloney J. Reducing patient burdens associated with pre-procedural Covid-19 testing. Association of VA Surgeons 2022 Annual Meeting, Pittsburgh, PA (April 26, 2022).
88. *Murtha JA, Alagoz E, Jawara D, Breuer CR, Eierman L, Lam CS, Farrar-Edwards D, Voils CI, **Funk LM**. Socioeconomic disparities and bariatric surgery outcomes: a qualitative analysis. 2022 American College of Surgeons Clinical Congress, San Diego, CA (October 17, 2022).
89. *Ufearo D, Murtha JA, Alagoz E, Jawara D, Breuer CR, Eierman L, Lam CS, Farrar-Edwards D, Voils CI, **Funk LM**. Racial disparities in nutrient deficiencies among bariatric surgery patients: a systematic review. 2022 American College of Surgeons Clinical Congress, San Diego, CA (October 18, 2022).
90. *Lam C, Jawara D, Alagoz E, Murtha J, Voils C, **Funk LM**. Patient and provider perceptions about communication after bariatric surgery: A qualitative analysis. 2023 Academic Surgical Congress, Houston, TX (February 7, 2023).
91. *Jawara D, Murtha JA, Venkatesh M, Krebsbach C, Birstler J, Stalter L, Hanlon BM, **Funk LM**. Weight change trends: A quantitative analysis of an NIH-partnered dataset.” 2023 Academic Surgical Congress, Houston, TX (February 7, 2023).
92. Cotter RR, **Funk LM**, Wong SL. A review and assessment of open access surgery journals. 2023 Academic Surgical Congress, Houston, TX (February 7, 2023).
93. Pletch AN, Stalter L, Harris D, Shada A, **Funk LM**, Lidor AO. Association of mesh fixation with reoperation and readmission risk, SAGES Annual Meeting, 2023. Montreal, Canada (March 29, 2023).
94. *Jawara D, Breuer CR, Venkatesh M, Hanlon BM, Williams CB, Raffa SD, Voils CI, **Funk LM**. Pilot randomized controlled trial of the TOTAL (Teaching Obesity Treatment Options to Adult Learners) intervention: 18-month follow-up outcomes. 2023 Association of VA Surgeons Annual Meeting, Madison, WI (April 24, 2023).
95. Shada AL, Stalter L, **Funk LM**, Lidor AO. pH testing Symptom Index Scoring does not predict patient satisfaction after antireflux surgery. Digestive Disease Week® 2023, Chicago, IL (May 9, 2023).
96. Joshi D, Harris D, Panagiotopoulos N, Batakis D, Grunvald E, Zhang X, Agni R, Horgan S, **Funk L**, Sirlin C, Reeder S. Quantitative digital histological analysis and comparison to proton density fat fraction in patients undergoing weight loss surgery. The International Society for MR Radiographers & Technologists (ISMRT) Annual Meeting, Toronto, Canada (June 4, 2023).
97. Shariff SR, **Funk LM**, Zaveri A, Davis DB. Postprandial hypoglycemia after bariatric surgery. ENDO 2023, Endocrine Society Annual Meeting. Chicago, IL (June 15-18, 2023).
98. *Jawara D, Krebsbach C, Venkatesh M, Hanlon BM, Birstler J, Stalter L, **Funk LM**. Predictors of weight change: a quantitative analysis of an NIH-partnered dataset. 2023 American College of Surgeons Clinical Congress, Boston, MA (October 24, 2023).
99. *Jawara D, Lemahieu MR, Harris DA, Lidor AO, Garren MJ, **Funk LM**. A multi-year cost comparison between patients who have undergone bariatric surgery and adults with severe obesity. 2023 Wisconsin Chapter of the American College of Surgeons Annual Conference. Kohler, WI (November 3, 2023).
100. *Jawara D, Alagoz E, Laurer KV, Voils CI, **Funk LM**. Patient and provider perceptions about social support after

bariatric surgery: a qualitative study. 2023 Wisconsin Chapter of the American College of Surgeons Annual Conference. Kohler, WI (November 4, 2023).

101. *Jawara D, Alagoz E, Lauer KV, Voils CI, **Funk LM**. Patient and provider perceptions about social support after bariatric surgery." 2024 Academic Surgical Congress, Washington D.C. (February 6, 2024).
102. Gehl C, Ramamurthi A, SenthilKumar G, Verhagen NB, Shaik T, Yang X, Linsky PL, **Funk LM**, Kerns SL, Kothari A. Variant in ZFHX3 gene increases risk of postoperative atrial fibrillation in cardiothoracic surgery. 2024 Academic Surgical Congress, Washington D.C. (February 8, 2024).
103. do Vale Souza R, Oechtering TH, Spahic A, Harris DT, Batakis D, Wolfson T, Middleton MS, Roldán-Alzate A, Johnson KM, Hamilton G, Goodman J, Ceriani L, Agni R, Lidor A, **Funk L**, Wieben O, Sirlin CB, Reeder SB. Non-contrast Portal Venous 4D Flow MRI in an Obese Cohort Undergoing Weight Loss Surgery: Feasibility and Correlations with BMI and MASH. International Society for Magnetic Resonance in Medicine Annual Meeting. Singapore (May 4-9, 2024).
104. Panagiotopoulos N, Agni R, Batakis D, Wolfson T, Ceriani L, Covarrubias Y, **Funk LM**, Grunvald E, Goodman J A, Harris D, Hamilton G, Horgan S, Jacobsen GR, Lidor AO, Middleton MS, Oechtering TH, Sappenfield R, Tamada D, Wolfson T, Sirlin CB, Reeder SB. PDFF diagnoses MASH in patients with severe obesity but without known liver disease. International Society for Magnetic Resonance in Medicine Annual Meeting. Singapore (May 4-9, 2024).

Invited Lectures

1. "WHO Surgical Safety Checklist: Adopting Innovation." CRICO/Risk Management Foundation 2009 Patient Safety Summit. Boston, MA (June 15, 2009).
2. "The WHO Global Pulse Oximetry Project." World Health Organization Eastern Mediterranean Regional Office (EMRO) Safe Surgery Saves Lives launch. Amman, Jordan (June 23, 2009).
3. "Global operating room distribution and pulse oximetry supply: an estimation of essential infrastructural components for surgical care." John A. Mannick Research Award Day. Department of Surgery, Brigham and Women's Hospital. Boston, MA (October 28, 2009).
4. "The relationship between hospital characteristics and esophagectomy outcomes – moving beyond volume." Center for Surgery and Public Health, Works-in-Progress Conference. Department of Surgery, Brigham and Women's Hospital. Boston, MA (June 18, 2010).
5. "Global distribution of operating theatres and essential surgical equipment." Center for Surgery and Public Health, Academic Global Surgery Forum. Department of Surgery, Brigham and Women's Hospital. Boston, MA (September 7, 2010).
6. "Closing the global surgical gap with low-cost pulse oximetry: a case study." Grand Rounds, Department of Surgery, Brigham and Women's Hospital. Boston, MA (March 14, 2012).
7. "Low-cost pulse oximetry – a model for improving surgery in resource limited settings." Grand Rounds, Department of Surgery, West Roxbury Veteran's Administration Hospital. West Roxbury, MA (March 23, 2012).
8. "Laparoscopic Hernia Repair Complications." Minimally Invasive Approaches to the Complex Inguinal and Ventral Hernia Conference. Department of Surgery, Center for Minimally Invasive Surgery, The Ohio State University. Columbus, OH (November 2, 2012).
9. "Current Postoperative Management of Bariatric Surgery Patients." Essentials for Bariatric Surgery Resident and Fellows Course. Department of Surgery, Center for Minimally Invasive Surgery, The Ohio State University. Columbus, OH (November 15, 2012).
10. "Laparoscopic Liver Resection." Advances in Minimally Invasive Surgery 2013, The Ohio State University Center for Minimally Invasive Surgery and Case Western Reserve University, Naples, FL (February 14, 2013).
11. "Minimally Invasive Esophagectomy." Advances in Minimally Invasive Surgery 2013 (presented by The Ohio State University Center for Minimally Invasive Surgery and Case Western Reserve University, Naples, FL (February 16,

12. "Laparoscopic and Open Ventral Hernia Repair." University of Wisconsin Department of Surgery Advanced Incisional Hernia Repair Course. University of Wisconsin Hospital and Clinics, Department of Surgery, Madison, WI (October 11, 2013).
13. "The Case for Bariatric Surgery: A Public Health Perspective." Grand Rounds, Department of Surgery, University of Wisconsin School Hospital and Clinics. Madison, WI (December 4, 2013). Available at: <https://videos.med.wisc.edu/videos/50762>. Accessed on May 4, 2018.
14. "Bariatric Surgery: An Underutilized Public Health Intervention." University of Wisconsin School of Medicine and Public Health, Nutrition Week Medical Student Lecture Series, Madison, WI (March 11, 2014).
15. "Surgical management of GERD." Current Topics in General Surgery (CME course). University of Wisconsin Department of Surgery, Madison, WI (April 5, 2014).
16. "Bariatric Surgery: An Underutilized Public Health Intervention." William S. Middleton Veterans Memorial Hospital, VA Research Day, Madison, WI (May 13, 2014).
17. "Identifying and Addressing Barriers to Bariatric Surgery with the VA Health System." Wisconsin Surgical Outcomes Research Group (WiSOR), Works-in-Progress Conference, Department of Surgery, University of Wisconsin School of Medicine and Public Health (June 23, 2014).
18. "Introduction to Biostatistical Testing: The Clinician Researcher's Perspective." University of Wisconsin School of Medicine and Public Health, Shapiro Summer Research Program for Medical Students (July 10, 2014).
19. "Metabolic and bariatric surgery presentation to the Wisconsin Association of Health Plans." Wisconsin Association of Health Plans, Madison, WI (June 27, 2014).
20. "Metabolic and Bariatric Surgery in 2014." 2014 Alliance of Health Insurers Annual Meeting and Conference, Madison, WI (September 8, 2014).
21. "Procedural management for Gastroesophageal Reflux Disease." Wisconsin Academy of Physician Assistants (WAPA) 2014 Fall Conference, Steven's Point, WI (October 9, 2014).
22. "Morbid obesity treatment: a public health challenge." Surgery for The Non-Surgeon Medical Student Course lecture, University of Wisconsin School of Medicine and Public Health (October 21, 2014).
23. "Severe obesity and public health." Surgery for The Non-Surgeon Medical Student Course lecture, University of Wisconsin School of Medicine and Public Health, Madison, WI (February 12, 2015).
24. "Laparoscopic Ventral Hernia Repair: Technique, Fixation Devices, and Positioning Systems." University of Wisconsin Department of Surgery Advanced Incisional Hernia Repair Course. University of Wisconsin Hospital and Clinics, Department of Surgery, Madison, WI (April 9, 2015).
25. "Recent Advances in Foregut Surgery: POEM and LINX." Current Topics in General Surgery (CME course). University of Wisconsin Department of Surgery, Madison, WI (April 11, 2015).
26. "Hiatal hernias – current mesh options for hiatal hernia repair: Is anything new on the horizon?" Advances in Foregut Surgery Postgraduate Course, Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) Annual Meeting, 2015. Nashville, TN (April 15, 2015).
27. "Colonoscopy, Appendicitis, and Laparoscopic Appendectomy." Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) GoGlobal Lecture Series. Presented via Webcast to Haitian surgeons, residents, and medical students in Port-au-Prince, Haiti (April 24, 2015).
28. "Procedural treatments for GERD in 2015." CME Conference, Division of General Internal Medicine, Department of Medicine, University of Wisconsin School of Medicine and Public Health, Madison, WI (May 13, 2015).
29. "Bariatric surgery: What is the evidence and what are the current management practices?" UW-Watertown Department of Family Medicine Conference, Watertown, WI (June 18, 2015).

30. "Introduction to biostats (from a clinician researcher's perspective)." University of Wisconsin-Madison, Shapiro Summer Research Program for Medical Students, Madison, WI (June 23, 2015).
31. "Long term care of the bariatric surgery patient." 2015 Obesity and Bariatric Surgery Summer Symposium, Centegra Health System, Crystal Lake, IL (July 22, 2015).
32. "Paraesophageal Hernia Repair: Current Management Considerations." University of Wisconsin Department of Surgery Advanced Hernia Repair Course. University of Wisconsin Hospital and Clinics, Department of Surgery, Madison, WI (September 11, 2015).
33. "Long term outcomes and care of the gastric bypass patient." 2nd Annual Mid America Bariatric Summit, Illinois Association of Bariatric Surgeons, Chicago, IL (September 25, 2015).
34. "Public health and morbid obesity treatment: an important intersection." Surgery for The Non-Surgeon Medical Student Course lecture, University of Wisconsin School of Medicine and Public Health, Madison, WI (October 1, 2015).
35. "Metabolic and Bariatric Surgery." Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) Basic Laparoscopy and Endoscopy Resident Course, Tampa, FL (October 22, 2015).
36. "Per Oral Endoscopic Myotomy (POEM): Ready for prime time?" University of Wisconsin, Department of Medicine, Division of Gastroenterology and Hepatology Grand Rounds, Madison, WI (December 9, 2015).
37. "Bariatric Surgery Access and Insurance Coverage in Wisconsin: A 2015 Update." Wisconsin Medical Society, Council on Health Care Quality and Population Health, Madison, WI (December 10, 2015).
38. "Advances in Laparoscopic Ventral Hernia Repair: Meshes, Fixation Devices and Positioning Systems." Current Topics in General Surgery (CME course). University of Wisconsin Department of Surgery, Madison, WI (May 7, 2016).
39. "Common statistical methods for summer research projects." University of Wisconsin School of Medicine and Public Health, Shapiro Summer Research Program for Medical Students (June 7, 2016).
40. "Is bariatric surgery a cost-effective intervention?" 3rd Annual Mid America Bariatric Summit, Illinois Association of Bariatric Surgeons, Chicago, IL (September 23, 2016).
41. "Current Trends in Bariatric Surgery." Evolving Strategies in Minimally Invasive Surgery 2017, Center for Minimally Invasive Surgery, The Ohio State University, New Orleans, LA (February 10, 2017).
42. "GERD & the Treatment Gap." Evolving Strategies in Minimally Invasive Surgery 2017, Center for Minimally Invasive Surgery, The Ohio State University, New Orleans, LA (February 10, 2017).
43. "The cost of complications in surgery." Evolving Strategies in Minimally Invasive Surgery 2017, Center for Minimally Invasive Surgery, The Ohio State University, New Orleans, LA (February 12, 2017).
44. "Severe obesity and bariatric surgery in Wisconsin – a public health perspective." Grand Rounds Presentation, University of Wisconsin Preventive Medicine Residency Program, Madison, WI (February 15, 2017).
45. "Severe obesity and its Treatment in Wisconsin – Are we making any progress?" 2017 UW Department of Surgery Research in Progress Seminar Series, Madison, WI (February 17, 2017).
46. "Bariatric Surgery: A 2017 Update." Wisconsin Society of Medical Assistants Annual Meeting, Wisconsin Dells, WI (February 25, 2017).
47. "Urgent management of bariatric surgery complications: leaks, bleeds and blockages." 2017 Current Topics in General Surgery (CME course). University of Wisconsin Department of Surgery, Madison, WI (May 19, 2017).
48. "Identifying and Addressing Barriers to Severe Obesity Care in the VA." 2017 VA Research Day, William S. Middleton Veterans Memorial Hospital, Madison, WI (May 19, 2017).
49. "Achalasia: Work up and Management." Society of American Gastrointestinal and Endoscopic Surgeons (SAGES)

Minimally Invasive Surgery Course and Lab, Milwaukee, WI (June 1, 2017).

50. "Inguinal and femoral hernia treatment considerations." Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) Minimally Invasive Surgery Course and Lab, Milwaukee, WI (June 1, 2017).
51. "Bariatric surgery barriers: the patient perspective." 6th Annual Care of the Bariatric Patient: The Impact of Obesity and Treatment Effects. Department of Surgery, The Ohio State University. Columbus, OH (August 31, 2017).
52. "Barriers to bariatric surgical care: patient and provider perspectives." 10th Annual Michigan Bariatric Society Meeting, Novi, MI (October 5, 2017).
53. "Obesity: An epidemic in need of public health and basic science solutions." Department of Nutritional Sciences 2018 Seminar Series, University of Wisconsin, Madison, WI (October 19, 2017).
54. "Ventral hernia repair: managing complications." University of Wisconsin Department of Surgery 2018 Advanced Incisional Hernia Repair Course. University of Wisconsin Hospital and Clinics, Department of Surgery, Madison, WI (October 20, 2017).
55. "Chronic complications for sleeve & RYGB: internal hernia, chronic pain, marginal ulcer, GERD, and incisional hernia." 2017 American Society for Metabolic and Bariatric Surgery Annual Meeting (Obesity Week), Washington D.C. (October 30, 2017).
56. "Wisconsin ASMBS State Chapter 2017 Update." Wisconsin ASMBS State Chapter meeting, Kohler, WI (November 4, 2017).
57. "The Do's and Don't's of writing an extramural career development award." AAS/SUS Surgical Investigators Course: The Grant Writing Workshop. Association for Academic Surgery 2018 Academic Surgical Congress, Jacksonville, FL (January 28, 2018).
58. "Bariatric Surgery: Evaluating the cost-effectiveness data." 1st annual UW Obesity Management Summit, Madison, WI (May 18, 2018).
59. "Incorporating new procedures/devices into your practice: lessons learned." UW Department of Surgery 9th Annual Current Topics in General Surgery (CME course). Madison, WI (June 8, 2018). Available at: http://legacy.audio-digest.org/adfwebcasts/mp3/GS6522/gS6522_5.mp3. Accessed on May 4, 2019.
60. "Procedural management of Gastroesophageal Reflux Disease." 44th National Congress of Surgery, Colombian Surgery Association, Cartagena, Colombia (August 16, 2018).
61. "Inguinal and femoral hernia: tailored approach." 44th National Congress of Surgery, Colombian Surgery Association, Cartagena, Colombia (August 16, 2018).
62. "Management of the obese patient with abdominal wall defects." 44th National Congress of Surgery, Colombian Surgery Association, Cartagena, Colombia (August 16, 2018).
63. "Ventral hernia repair: managing complications." 44th National Congress of Surgery, Colombian Surgery Association, Cartagena, Colombia (August 16, 2018).
64. "Severe obesity treatment in the VA: identifying barriers and testing an educational intervention." University of Michigan, Department of Surgery, Center for Healthcare Outcomes and Policy, Visiting Professor presentation. Ann Arbor, MI (October 12, 2018).
65. "A beginner's guide to health-services research in surgery: from bariatric surgery to Mark Bellhorn." Grand Rounds, Boston University School of Medicine/Boston Medical Center, Department of Surgery. Boston, MA (October 19, 2018).
66. "The Do's and Don't's of writing an NIH K award application." AAS/SUS Surgical Investigators Course: The Grant Writing Workshop. Association for Academic Surgery 2019 Academic Surgical Congress, Houston, TX (February 4, 2019).
67. "Barriers and facilitators to severe obesity care in the VA." Obesity Research Interest Group, Department of Veterans

Affairs, Madison, WI (February 19, 2019).

68. "Severe obesity and diabetes trends in Wisconsin and beyond: a 2019 update." Grand Rounds, Division of Endocrinology, Diabetes, and Metabolism. University of Wisconsin-Madison. Madison, WI (March 7, 2019).
69. "The Importance and Techniques in Closing Mesenteric and Petersen's Defects." Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) Annual Meeting, Baltimore, MD (April 3, 2019).
70. "Barriers to obesity care in the VA." VA Employee Town Hall. William S. Middleton VA, Madison, WI (April 18, 2019).
71. "Bariatric surgery considerations for the general surgery patient." UW Department of Surgery 10th Annual Current Topics in General Surgery (CME course). Madison, WI (June 8, 2019).
72. "Obesity and cancer: how strong is the connection?" 2nd annual UW Obesity Management Summit, Madison, WI (October 4, 2019).
73. "Writing an NIH K award application: recommendations for success." AAS/SUS Surgical Investigators Course: The Grant Writing Workshop. Association for Academic Surgery 2020 Academic Surgical Congress, Orlando, FL (February 3, 2020).
74. "The TOTAL Trial: Teaching Obesity Treatment Options to Adult Learners." Clinical Trials and Biostatistics Think Tank, Department of Biomedical Informatics, University of Wisconsin-Madison (March 5, 2020).
75. "Identifying and addressing barriers to obesity treatment and bariatric surgery in VA." VA Health Services Research and Development Cyberseminar. (March 10, 2020).
76. "Synthesizing the evidence and testing a research question: obesity in the Veterans Health Administration. Nurs/Med/PHS 705 Seminar in Clinical Research Evidence, Guest Lecturer, Department of Nursing, University of Wisconsin-Madison (July 8, 2020).
77. "Identifying and addressing barriers to obesity treatment and bariatric surgery in VA." VA Health Services Research and Development Cyberseminar. (March 10, 2020).
78. "VA HSR CDA Experience: Obesity treatment in VA." VA Research Seminar, William S. Middleton VAMC. (November 10, 2020).
79. "Writing a K award: recommendations for success." AAS/SUS Surgical Investigators Course: The Grant Writing Workshop. Association for Academic Surgery 2021 Academic Surgical Congress, [Virtual] (March 5, 2021).
80. "Negotiating Startup." NIGH T-32 Seminar Series, Department of Surgery, University of Wisconsin-Madison, Madison, WI (June 16, 2021).
81. "Identifying and addressing barriers to obesity treatment." Surgical Biology Club II annual meeting, [Virtual] (October 9, 2021).
82. "Increasing use of obesity treatment within the Veterans Health Administration: from mixed methods to an RCT." Grand Rounds, Department of Surgery, West Roxbury Veteran's Administration Hospital. [Virtual] (November 5, 2021).
83. "Achieving local, national, and international visibility." 91st Congreso Argentino de Cirugia Segura, Buenos Aires, Argentina (November 10, 2021).
84. "How to write an abstract for an international meeting." 91st Congreso Argentino de Cirugia Segura, Buenos Aires, Argentina (November 10, 2021).
85. "The cost of complications in surgery." 91st Congreso Argentino de Cirugia Segura, Buenos Aires, Argentina (November 11, 2021).
86. "Urgent management of bariatric surgery complications." 91st Congreso Argentino de Cirugia Segura, Buenos Aires, Argentina (November 12, 2021).

87. "Using mixed-methods approaches for increasing obesity treatment within the Veterans Health Administration." Wisconsin Surgical Outcomes Research Group (WiSOR) Conference, Department of Surgery, University of Wisconsin School of Medicine and Public Health (December 6, 2021).
88. "Increasing use of evidence-based obesity treatments: from mixed methods to an RCT." Keynote Speech, Michigan Bariatric Surgery Collaborative (MBSC) Tri-Annual Meeting. [Virtual] (February 4, 2022).
89. "Grant writing pearls and pitfalls." 2022 Association for Academic Surgery/University of Hawaii Pacific Rim Fundamentals of Surgical Research Course, Honolulu, HI (March 9, 2022).
90. "My pathway: Clinical/HSR." 2022 Association for Academic Surgery/University of Hawaii Pacific Rim Fundamentals of Surgical Research Course, Honolulu, HI (March 9, 2022).
91. "Launching your research program: early strategies and benchmarks." 2022 Association for Academic Surgery/University of Hawaii Pacific Rim Fundamentals of Surgical Research Course, Honolulu, HI (March 10, 2022).
92. "Achieving local and national visibility." 2022 Association for Academic Surgery/University of Hawaii Pacific Rim Fundamentals of Surgical Research Course, Honolulu, HI (March 10, 2022).
93. "Teaching Obesity Treatment Options to Adult Learners (TOTAL): A Multi-site RCT." VA Employee Town Hall. William S. Middleton VA, Madison, WI (March 17, 2022). Available at: <https://web.microsoftstream.com/video/2c152011-c702-4910-8020-9508d88b810c> (VA intranet). Accessed on March 18, 2022.
94. "My path to surgery." Unexplored Medical Professions Society (UMPS) undergraduate medical organization, University of Wisconsin-Madison (March 24, 2022).
95. "Bariatric surgery as a tool for diabetes." 15th Annual Diabetes and Metabolic Disease Symposium of Wisconsin, Medical College of Wisconsin, Pewaukee, WI (May 13, 2022).
96. "Making your packet: preparing for promotion and tenure." 2022 Association for Academic Surgery Early Career Development Course, San Diego, CA (October 15, 2022)
97. "Teaching Obesity Treatment Options to Adult Learners - Intervention design considerations for the TOTAL Trial." 2022 Surgical Outcomes Club Scientific Session, San Diego, CA (October 16, 2022).
98. "Association of bariatric surgery with major adverse liver and cardiovascular outcomes in patients with biopsy-proven NASH." 2022 ACS Clinical Congress Seminal Papers Session, San Diego, CA (October 18, 2022).
99. "Non-NIH Funding Agencies." AAS/SUS Surgical Investigators Course: The Grant Writing Workshop. Association for Academic Surgery 2023 Academic Surgical Congress, Houston, TX (February 5, 2023).
100. "Teaching Obesity Treatment Options to Adult Learners (TOTAL) – An ongoing multi-site behavioral RCT within the Veterans Health Administration." Weight Matters, VA Puget Sound [Virtual] (April 10, 2023).
101. "Building the career development plan – preparing to compete as a surgeon scientist." Association of VA Surgeons Annual meeting, Funding Opportunities for VA Surgeons: Fostering a Diverse and Sustainable Workforce for Veteran Research and Cutting-Edge Care, Madison, WI (April 23, 2023).
102. "Building your research program: lessons learned during my first 10 years on faculty." Colin G. Thomas Distinguished Lectureship, Department of Surgery, University of North Carolina, Chapel Hill, NC (July 19, 2023).
103. "An ongoing multi-site behavioral RCT within the Veterans Health Administration - Teaching Obesity Treatment Options to Adult Learners (TOTAL)." UW School of Medicine and Public Health Department of Population Health Sciences Department Seminar, Madison, WI (October 2, 2023).
104. "Scientific Forum Dedication introduction: Monica Bertagnolli, MD, FACS." 2023 American College of Surgeons Clinical Congress, Boston, MA (October 24, 2023).
105. "Non-NIH Funding Agencies." AAS/SUS Surgical Investigators Course: The Grant Writing Workshop. Association for Academic Surgery 2024 Academic Surgical Congress, Washington, D.C. (February 4, 2024).

106. "Building a research program: reflections on a decade of health-services research in obesity." Research Grand Rounds, Department of Surgery, Indiana University [Virtual] (February 26, 2024).
107. "From the OR to the Lab: Crafting Your Research Trajectory as a Surgeon-Scientist." 2nd Annual Rush Department of Surgery Research Day, Rush University Medical Center, Chicago, IL (May 2, 2024).
108. "How to write a manuscript introduction." 2024 Fundamentals of Surgery and Leadership Course, Association for Academic Surgery, Argentina Medical Association, and the Argentine Surgical Academy, Buenos Aires, Argentina (August 20, 2024).
109. "Leveraging strengths to lead successful teams: strategies for effective leadership." 2024 Fundamentals of Surgery and Leadership Course, Association for Academic Surgery, Argentina Medical Association, and the Argentine Surgical Academy, Buenos Aires, Argentina (August 21, 2024).
110. "Career progression in academic surgery: tips for transitioning from mentee to mentor." International Speaker Session, Argentine Surgical Academy, [Virtual in Buenos Aires, Argentina] (August 21, 2024).
111. "Leveraging strengths to lead successful teams: strategies for effective leadership." 2024 Fundamentals of Surgery and Leadership Course, Association for Academic Surgery, Argentina Medical Association, and the Argentine Surgical Academy, Buenos Aires, Argentina (August 21, 2024).
112. "Delivering an effective presentation." 2024 Fundamentals of Investigation in Surgery Course, Association for Academic Surgery (AAS) and Panamanian Association of Surgery, Panama City, Panama (September 11, 2024).
113. "Achieving local and national visibility." 2024 Fundamentals of Investigation in Surgery Course, Association for Academic Surgery (AAS) and Panamanian Association of Surgery, Panama City, Panama (September 11, 2024).
114. "Prevention and contemporary management of bariatric surgery complications." 2024 Asociacion Panamena de Cirugia (ASPACI), Panama City, Panama (September 12, 2024).

Visiting/Travelling Professorships

1. Chairman Lecture Series Visiting Professor, University of Florida Department of Anesthesiology, "Low cost pulse oximetry for the developing world: from predictive modeling to reality." Gainesville, FL (April 22, 2013).
2. Colombian Surgical Association International Visiting Professorship, Colombian Surgical Association, Cartagena, Colombia (August 14-18, 2018).
3. University of Michigan, Department of Surgery, Center for Healthcare Outcomes and Policy, Visiting Professor. Ann Arbor, MI (October 12, 2018).
4. Boston University School of Medicine/Boston Medical Center, Department of Surgery Visiting Professor. Boston, MA (October 19, 2018).
5. Academic Surgery Congress 10x10 Career Development Traveling Fellowship, Association for Academic Surgery/Society for University Surgeons. Los Angeles, CA (August 16-20, 2022).
6. Colin G. Thomas Distinguished Lectureship, Department of Surgery, University of North Carolina, Chapel Hill, NC (July 18-19, 2023)

Educational Activities & Presentations

Local Teaching

Undergraduate Courses

Fall 2019 – current

Introductory Biology 152, Independent Project, Course Faculty

Medical School Courses

Spring 2015 – Spring 2016
(3 semesters)

Patient, Doctor, and Society 2 and 3, University of Wisconsin School of Medicine and Public Health, Faculty Instructor

Fall 2014 – Spring 2018
(8 semesters)

Med3 Case Conference, University of Wisconsin School of Medicine and Public Health,
Course lecturer

Fall 2018 – current

Surgery 976: The Science of Obesity and Diabetes
Course lecturer: “Obesity stigma: how it impacts care and outcomes.” Available at:
<https://learning.med.wisc.edu/documents/obesity-stigma-how-it-impacts-care-and-outcomes/>. Accessed on November 1, 2022.

Fall 2019 – current

Surgery 699: Independent Study, University of Wisconsin-Madison, Course Faculty

Conferences

1. “Benign Esophageal Disorders.” Audience – general surgery residents and medical students. University of Wisconsin School of Medicine and Public Health, Madison, WI (September 10, 2013)
2. “Gastroesophageal reflux disease management.” Audience – general surgery residents and medical students. William S. Middleton VA Hospital, Madison, WI (September 13, 2013).
3. “Esophageal disorders.” University of Wisconsin Department of Surgery Oral Board review course series. Audience – general surgery residents and medical students. University of Wisconsin School of Medicine and Public Health, Madison, WI (September 17, 2013).
4. “Laparoscopic inguinal hernia repair.” Audience – general surgery residents and medical students. William S. Middleton VA Hospital, Madison, WI (September 20, 2013).
5. “Laparoscopic knot tying.” Audience – general surgery residents and medical students. Simulation Center, University of Wisconsin Hospital and Clinics, Madison, WI (October 25, 2013).
6. “Gallstone pancreatitis.” Audience – general surgery residents and medical students. William S. Middleton VA Hospital, Madison, WI (November 8, 2013).
7. “Diagnostic imaging for GERD.” Audience – general surgery residents and medical students. William S. Middleton VA Hospital, Madison, WI (November 15, 2013).
8. “Laparoscopic skill testing.” Audience – general surgery residents and medical students. Simulation Center, University of Wisconsin Hospital and Clinics, Madison, WI (November 22, 2013).
9. “Benign anorectal disease.” Audience – general surgery residents and medical students. William S. Middleton VA Hospital, Madison, WI (December 6, 2013).
10. “Evaluation of the acute abdomen.” Audience – general surgery residents and medical students. William S. Middleton VA Hospital, Madison, WI (December 18, 2013).
11. “Modern management of acute cholecystitis.” Audience – general surgery residents and medical students. William S. Middleton VA Hospital, Madison, WI (January 3, 2014).
12. “Diverticular disease.” Audience – general surgery residents and medical students. William S. Middleton VA Hospital, Madison, WI (January 10, 2014).
13. “Management of inguinal hernia.” Audience – general surgery residents and medical students. William S. Middleton VA Hospital, Madison, WI (February 12, 2014).
14. “Management of portal hypertension.” Audience – general surgery residents and medical students. William S. Middleton VA Hospital, Madison, WI (March 5, 2014).
15. “Choledocholithiasis treatment.” Audience – general surgery residents and medical students. William S. Middleton VA Hospital, Madison, WI (April 11, 2014).
16. “Treatment of acute pancreatitis.” Audience – general surgery residents and medical students. William S. Middleton VA Hospital, Madison, WI (April 18, 2014).
17. “Hiatal hernia management strategies.” Audience – general surgery residents and medical students. William S.

Middleton VA Hospital, Madison, WI (April 25, 2014).

18. "Large bowel obstruction." Audience – general surgery residents and medical students. William S. Middleton VA Hospital, Madison, WI (May 9, 2014).
19. "General surgery in liver failure patients." Audience – general surgery residents and medical students. William S. Middleton VA Hospital, Madison, WI (May 15, 2014).
20. "Surgical management of peptic ulcer disease." Audience – general surgery residents and medical students. William S. Middleton VA Hospital, Madison, WI (May 23, 2014).
21. "Laparoscopic skill testing." Audience – general surgery residents and medical students. Simulation Center, University of Wisconsin Hospital and Clinics, Madison, WI (June 13, 2014).
22. "Treatment of inguinal hernias." Audience – general surgery residents and medical students. William S. Middleton VA Hospital, Madison, WI (June 27, 2014).
23. "Right upper quadrant pain." Audience – general surgery residents and medical students. William S. Middleton VA Hospital, Madison, WI (July 10, 2014).
24. "GERD management." Audience – general surgery residents and medical students. William S. Middleton VA Hospital, Madison, WI (July 18, 2014).
25. "Incisional hernia management." Audience – general surgery residents and medical students. William S. Middleton VA Hospital, Madison, WI (August 22, 2014).
26. "Biliary tract disease management." Audience – general surgery residents and medical students. William S. Middleton VA Hospital, Madison, WI (October 10, 2014).
27. "Laparoscopic skills teaching session." Audience – general surgery residents. Simulation Center, University of Wisconsin Hospital and Clinics, Madison, WI (December 15, 2015).
28. "Management of inguinal hernia." Audience – general surgery residents, medical students, Advanced Practice Providers. William S. Middleton VA Hospital, Madison, WI (January 29, 2016).
29. "Bariatric surgery complications." Audience - general surgery residents, medical students, Advanced Practice Providers. William S. Middleton VA Hospital, Madison, WI (March 18, 2016).
30. "GERD." Audience - general surgery residents, medical students, Advanced Practice Providers. William S. Middleton VA Hospital, Madison, WI (April 16, 2016).
31. "Management of small bowel obstructions." Audience - general surgery residents, medical students, Advanced Practice Providers. William S. Middleton VA Hospital, Madison, WI (June 10, 2016).
32. "Inguinal hernia management." Audience - general surgery residents, medical students, Advanced Practice Providers. William S. Middleton VA Hospital, Madison, WI (July 8, 2016).
33. "Obesity measurement in Wisconsin - the PHINEX database and Behavioral Risk Factor Surveillance System." Audience – Attending surgeons, surgery residents, researchers, and medical students. Wisconsin Surgical Outcomes Research group, Department of Surgery, University of Wisconsin-Madison (July 11, 2016).
34. "Paraesophageal hernia management." Audience - general surgery residents, medical students. William S. Middleton VA Hospital, Madison, WI (September 2, 2016).
35. "Small bowel obstruction management." Audience - general surgery residents, medical students. William S. Middleton VA Hospital, Madison, WI (October 7, 2016).
36. "Inguinal hernias in Veterans." Audience - general surgery residents, medical students. William S. Middleton VA Hospital, Madison, WI (December 9, 2016).
37. "Biliary disease management." Audience - general surgery residents, medical students. William S. Middleton VA

Hospital, Madison, WI (December 30, 2016).

38. "Incisional hernia management and review of the literature." Audience - general surgery residents, medical students. William S. Middleton VA Hospital, Madison, WI (February 3, 2017).
39. "Benign foregut surgery." Audience - general surgery residents, medical students. William S. Middleton VA Hospital, Madison, WI (September 8, 2017).
40. "Laparoscopic skill development." Audience – general surgery residents. Simulation Center, University of Wisconsin Hospital and Clinics, Madison, WI (September 26, 2017).
41. "GERD management." Audience – general surgery residents, medical students, nurse practitioners. William S. Middleton VA Hospital, Madison, WI (December 1, 2017).
42. "Ventral hernia formation and management." Audience – general surgery residents, medical students, nurse practitioners. William S. Middleton VA Hospital, Madison, WI (February 9, 2018).
43. "Indications for foregut surgery." Audience – general surgery residents, medical students, nurse practitioners. William S. Middleton VA Hospital, Madison, WI (March 2, 2018).
44. "Inguinal hernia management." Audience - general surgery residents, medical students. William S. Middleton VA Hospital, Madison, WI (April 6, 2018).
45. "Principles and Techniques of Abdominal Access and Physiology of Pneumoperitoneum." UW-Madison Department of Surgery, general surgery residency didactic conference. Audience - general surgery residents. UW Hospital and Clinics, Madison, WI (June 12, 2018).
46. "Technical Aspects of Laparoscopic Surgery." UW-Madison Department of Surgery, general surgery residency didactic conference. Audience - general surgery residents. UW Hospital and Clinics, Madison, WI (August 31, 2018).
47. "Nissen and Toupet fundoplication." Audience – general surgery residents, medical students, nurse practitioners. William S. Middleton VA Hospital, Madison, WI (October 5, 2018).
48. "Indications for biliary surgery." Audience – general surgery residents, medical students, nurse practitioners. William S. Middleton VA Hospital, Madison, WI (March 29, 2019).
49. "Incisional hernia management." Audience – general surgery residents, medical students, nurse practitioners. William S. Middleton VA Hospital, Madison, WI (June 7, 2019).
50. "Inguinal hernias." Audience - general surgery residents, medical students. William S. Middleton VA Hospital, Madison, WI (September 6, 2019).
51. "Laparoscopic skill development." Audience – general surgery residents. Simulation Center, University of Wisconsin Hospital and Clinics, Madison, WI (October 15, 2019).
52. "How to Write an Abstract." Wisconsin Surgery Outcomes Research (WiSOR) group Fellows Conference, UW-Madison Department of Surgery. Audience - general surgery residents (October 21, 2019).
53. "Surgical management of inguinal hernias." Audience - general surgery residents, medical students. William S. Middleton VA Hospital, Madison, WI (November 9, 2019).
54. "UW Foregut Database: A 2020 Updated." Noon Conference, The American Center General Surgery Clinics, UW Health Madison, WI. Audience – nurses, medical assistants, advanced practice providers, physicians (March 12, 2020).

Regional and National Teaching Including Continuing Medical Education (CME)

1. Faculty, University of Wisconsin Department of Surgery Advanced Incisional Hernia Repair Course. University of Wisconsin Hospital and Clinics, Department of Surgery, Madison, WI (October 11, 2013).
2. Moderator, Surgical Outcomes Session, Association for Academic Surgery, San Diego, CA (February 3, 2014).

3. Moderator, University of Wisconsin 5th Annual Current Topics in General Surgery CME Course, Madison, WI (April 5, 2014).
4. Faculty, Career Development Course, Association for Academic Surgery, San Francisco, CA (October 26, 2014).
5. Invited Discussant, Surgical Forum Outcomes Session, 2014 Clinical Congress, American College of Surgeons, San Francisco (October 28, 2014).
6. Moderator, Quality, Outcomes and Cost II Surgical Forum, 2014 Clinical Congress, American College of Surgeons, San Francisco, CA (October 29, 2014).
7. Faculty, University of Wisconsin Department of Surgery Advanced Incisional Hernia Repair Course. University of Wisconsin Hospital and Clinics, Department of Surgery, Madison, WI (April 9, 2015).
8. Faculty, Expanding Your Department's Portfolio: Programmatic Development in Surgical Health Services Research, Department of Surgery, University of Wisconsin, Madison, WI (May 27, 2015).
9. Faculty, 2015 Summer Clinical Symposium – Obesity & Bariatric Surgery, Centegra Health System, Crystal Lake, IL (July 29-30, 2015).
10. Faculty, University of Wisconsin Department of Surgery Advanced Hernia Repair Course. University of Wisconsin Hospital and Clinics, Department of Surgery, Madison, WI (September 11, 2015).
11. Invited Discussant, Bariatric/Foregut I Scientific Forum, 2015 Clinical Congress, American College of Surgeons, Chicago, IL (October 5, 2015).
12. Invited Discussant, Bariatric/Foregut II Scientific Forum, 2015 Clinical Congress, American College of Surgeons, Chicago, IL (October 6, 2015).
13. Invited Discussant, General Surgery II Scientific Forum, 2015 Clinical Congress, American College of Surgeons, Chicago, IL (October 7, 2015).
14. Invited Discussant, Quality, Safety and Outcomes IV Scientific Forum, 2015 Clinical Congress, American College of Surgeons, Chicago, IL (October 7, 2015).
15. Faculty, Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) Basic Laparoscopy and Endoscopy Resident Course, Tampa, FL (October 22-23, 2015).
16. Faculty, Lab: Endoscopic primary and revisional surgical procedures (ReShape IntraGastric Balloon), American Society for Metabolic and Bariatric Surgery (ASMBS) Annual Meeting, Los Angeles, CA (November 3, 2015).
17. Moderator, Outcomes/Clinical: General Surgery 1, 2016 Academic Surgical Congress, Jacksonville, FL (February 3, 2016).
18. Invited Discussant, Scientific Session II, 2016 Central Surgical Association, Montreal, Quebec (March 10, 2016).
19. Invited Discussant, Scientific Session IV, 2016 Central Surgical Association, Montreal, Quebec (March 11, 2016).
20. Invited Discussant, Scientific Session V(a), 2016 Central Surgical Association, Montreal, Quebec (March 11, 2016).
21. Moderator, 2016 Wisconsin Severe Obesity Treatment Stakeholder Summit, Obesity Action Coalition and the Wisconsin State Chapter of the ASMBS, Madison, WI (June 17, 2016).
22. Moderator, Session 2, Oral presentations. The Wisconsin Chapter of the American College of Surgeons 2016 Annual Conference. Kohler, WI (November 4, 2016).
23. Moderator, Session 4, Quickshot oral presentations. The Wisconsin Chapter of the American College of Surgeons 2016 Annual Conference. Kohler, WI (November 4, 2016).
24. Moderator, Session 5, Oral presentations. The Wisconsin Chapter of the American College of Surgeons 2016 Annual Conference. Kohler, WI (November 4, 2016).

25. Moderator, Session 6, Quickshot oral presentations. The Wisconsin Chapter of the American College of Surgeons 2016 Annual Conference. Kohler, WI (November 4, 2016).
26. Moderator, Clinical/Outcomes: General Surgery – Patient Centered Outcomes, 2017 Academic Surgical Congress, Las Vegas, NV (February 8, 2017).
27. Invited Faculty, Evolving Strategies in Minimally Invasive Surgery, Department of Surgery, The Ohio State University, New Orleans, LA (February 10-12, 2017).
28. Faculty, University of Wisconsin 8th Annual Current Topics in General Surgery CME Course, Madison, WI (May 19, 2017).
29. Faculty, Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) Minimally Invasive Surgery Course and Lab, Milwaukee, WI (June 1, 2017).
30. Faculty, 6th Annual Care of the Bariatric Patient: The Impact of Obesity and Treatment Effects. Department of Surgery, The Ohio State University, Columbus, OH (August 31-September 1, 2017).
31. Panel participant, “Choosing the right operation.” 6th Annual Care of the Bariatric Patient: The Impact of Obesity and Treatment Effects. Department of Surgery, The Ohio State University, Columbus, OH (August 31, 2017).
32. Panel participant, “Recognition and treatment of common surgical complications.” 6th Annual Care of the Bariatric Patient: The Impact of Obesity and Treatment Effects. Department of Surgery, The Ohio State University, Columbus, OH (September 1, 2017).
33. Faculty, 10th Annual Michigan Bariatric Society Meeting, Novi, MI (October 5, 2017).
34. Faculty, University of Wisconsin Department of Surgery 2018 Advanced Incisional Hernia Repair Course. University of Wisconsin Hospital and Clinics, Department of Surgery, Madison, WI (October 20, 2017).
35. Moderator, Paper Session I, Comparative Studies and Outcomes.” 2017 American Society for Metabolic and Bariatric Surgery (ASMBS) Annual Meeting, Washington DC (October 31, 2017).
36. Moderator, Session 1, Oral presentations. The Wisconsin Chapter of the American College of Surgeons 2017 Annual Conference. Kohler, WI (November 3, 2017).
37. Moderator, Session 5, Oral presentations. The Wisconsin Chapter of the American College of Surgeons 2017 Annual Conference. Kohler, WI (November 4, 2017).
38. Faculty, 2018 Association for Academic Surgery/Society of University Surgeons Surgical Investigators Course. Jacksonville, FL (January 28-29, 2018).
39. Moderator, Clinical/Outcomes: Upper GI/Bariatric Quickshot Session, 2018 Academic Surgical Congress, Jacksonville, FL (January 30, 2018).
40. Invited panelist, Association for Academic Surgery Presidential Session: ‘Identify Your Passion and Find Your Purpose in Your Career.’ Academic Surgical Congress, Jacksonville, FL (January 31, 2018).
41. Course Chair, 2018 UW Obesity Management Summit, University of Wisconsin-Madison, Madison, WI (May 18-19, 2018).
42. Moderator, Session 1: “The obesity epidemic: how did we get here.” UW Obesity Management Summit, University of Wisconsin-Madison, Madison, WI (May 18, 2018).
43. Moderator, Session IV: “Bariatric surgery: multidisciplinary team elements.” UW Obesity Management Summit, University of Wisconsin-Madison, Madison, WI (May 18, 2018).
44. Faculty, University of Wisconsin 9th Annual Current Topics in General Surgery CME Course, Madison, WI (June 8-9, 2018).

45. Invited Discussant, General Surgery II Scientific Forum, 2018 Clinical Congress, American College of Surgeons, Boston, MA (October 23, 2018).
46. Moderator, Bariatric/Foregut II Scientific Forum, 2018 Clinical Congress, American College of Surgeons, Boston, MA (October 23, 2018).
47. Moderator, Health-Services Research V Scientific Forum, 2018 Clinical Congress, American College of Surgeons, Boston, MA (October 23, 2018).
48. Invited Discussant, Bariatric/Foregut IV Scientific Forum, 2018 Clinical Congress, American College of Surgeons, Boston, MA (October 24, 2018).
49. Moderator, Session 4, Oral presentations. The Wisconsin Chapter of the American College of Surgeons 2018 Annual Conference. Kohler, WI (November 2, 2018).
50. Faculty, 2019 Association for Academic Surgery/Society of University Surgeons Surgical Investigators Course. Houston, TX (February 3-4, 2019).
51. Moderator, Clinical/Outcomes: General Surgery – Patient Outcomes Quickshot Session 2, 2019 Academic Surgical Congress, Houston, TX (February 6, 2019).
52. Faculty, Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) 2019 Annual Meeting, Baltimore, MD (April 2-6, 2019).
53. Course Chair, 2019 UW Obesity Management Summit, University of Wisconsin-Madison, Madison, WI (October 4, 2019).
54. Moderator, Bariatric/Foregut II, 2019 Clinical Congress, American College of Surgeons, Boston, MA (October 29, 2019).
55. Faculty, 2020 Association for Academic Surgery/Society of University Surgeons Surgical Investigators Course. Orlando, FL (February 2-3, 2020).
56. Moderator, Hot Topic Session, “How to Write a Manuscript That Journals Can't Say No To: Insights From the Editors of Surgery and Journal of Surgical Research,” 2020 Academic Surgical Congress, Orlando, FL (February 5, 2020).
57. Moderator, Bariatric/Foregut I, 2020 Clinical Congress, American College of Surgeons. [Virtual]. (October 3, 2020).
58. Moderator, Clinical/Outcomes: General Surgery – Patient Outcomes Quickshot Session 2, 2020 Academic Surgical Congress, Orlando, FL (February 6, 2020).
59. Course co-Chair, 2020 Association for Academic Surgery Early Career Development Course: Preparing to Lead. [Virtual]. (November 6-7, 2020).
60. Course co-Chair, 2020 Association for Academic Surgery Early Career Development Course: Preparing for Practice. [Virtual]. (December 4-5, 2020).
61. Moderator, Hot Topic Session, “Flexibility and Leadership in Uncertain Times: Pandemics, Prejudices, and Principles,” 2021 Academic Surgical Congress [Virtual]. (February 3, 2021).
62. Faculty, 2021 Association for Academic Surgery/Society of University Surgeons Surgical Investigators Course. [Virtual]. (March 5, 2021).
63. Moderator, Bariatric/Foregut II, 2021 Clinical Congress, American College of Surgeons. [Virtual]. (October 23, 2021).
64. Course Chair, 2021 Association for Academic Surgery Early Career Development Course. [Virtual]. (December 4-5, 2021).
65. Moderator, Hot Topic Session, “Emerging From the Pandemic: How Will Academic Surgery Change?” 2022 Academic Surgical Congress, Orlando, FL (February 1, 2022).

66. Moderator, Clinical/Outcomes: General Surgery – Quickshot Session 1, 2022 Academic Surgical Congress, Orlando, FL (February 1, 2022).
67. Moderator, Clinical/Outcomes: Vascular Surgery Quickshot Session, 2022 Academic Surgical Congress, Orlando, FL (February 2, 2022).
68. Visiting Faculty, 2022 Association for Academic Surgery/University of Hawaii Pacific Rim Fundamentals of Surgical Research Course, Honolulu, HI (March 9-10, 2022).
69. Invited Faculty, Annual Diabetes and Metabolic Disease Symposium of Wisconsin, Medical College of Wisconsin, Pewaukee, WI (May 12-13, 2022).
70. Invited Faculty Discussant, American Society for Metabolic and Bariatric Surgery Bariatric Surgical Training Committee Journal Club. [Virtual]. August 25, 2022.
71. Invited Faculty, 2022 Association for Academic Surgery Early Career Development Course, San Diego, CA (October 15, 2022).
72. Moderator, 2022 Association for Academic Surgery Fundamentals of Surgical Research Course, San Diego, CA (October 15, 2022).
73. Invited Faculty, 2022 Surgical Outcomes Course, San Diego, CA (October 16, 2022).
74. Moderator, Session: “Metabolic surgery: update on clinical outcomes and underlying mechanisms.” 2022 Clinical Congress, American College of Surgeons, San Diego, CA (October 19, 2022).
75. Faculty, 2022 Association for Academic Surgery/Society of University Surgeons Surgical Investigators Course. Houston, TX. (February 5-6, 2022).
76. Moderator, Clinical/Outcomes: General Surgery – Clinical Outcomes Session 1, 2022 Academic Surgical Congress, Houston, TX (February 8, 2022).
77. Invited panelist, Session: “Multi-site research panel and NODES presentation.” William S. Middleton VA Research Week. [Virtual]. (May 15, 2023).
78. Faculty, 2024 Association for Academic Surgery/Society of University Surgeons Surgical Investigators Course, Washington, D.C. (February 4-5, 2024).
79. Moderator, Education Plenary, 2024 Academic Surgical Congress, Washington, D.C. (February 8, 2024).

International Teaching

1. Invited International Course Faculty, 2018 Colombian Surgical Association Annual Meeting, Cartagena, Colombia (August 14-18, 2018).
2. Invited International Course Faculty, 91st Congreso Argentino de Cirugia Segura, Buenos Aires, Argentina (November 9-12, 2021).
3. Invited Faculty, 2024 Fundamentals of Surgery and Leadership Course, Association for Academic Surgery (AAS), Argentina Medical Association (AMA), and the Argentine Surgical Academy (ASA), Buenos Aires, Argentina (August 19-21).
4. Invited Faculty, 2024 Fundamentals of Investigation in Surgery Course, Association for Academic Surgery (AAS) and Panamanian Association of Surgery, Panama City, Panama (September 11, 2024).
5. Invited Faculty, 2024 Asociacion Panamena de Cirugia (ASPACI), Panama City, Panama (September 12-13, 2024).

Live Surgery Events

1. Operating Surgeon, Per Oral Endoscopy Myotomy (POEM). Current Topics in General Surgery (CME course). University of Wisconsin Department of Surgery, Madison, WI (May 6, 2016).
2. Operating Surgeon, Laparoscopic Vertical Sleeve Gastrectomy. Doris Duke High School Student Research Program, Department of Surgery, University of Wisconsin-Madison, Madison WI (July 13, 2016).

Clinical Teaching

Clinical teaching of general surgery, minimally invasive surgery, and bariatric surgery residents and clinical fellows in weekly clinics; clinical mentoring and teaching of medical students, general surgery residents and minimally invasive surgery fellows in the operating room and on the general surgery inpatient service; and teaching and mentoring of undergraduates and medical students who shadow in weekly general surgery and minimally invasive and bariatric surgery clinics.

Mentoring

High school students

<u>Name</u>	<u>Year</u>	<u>Mentoring relationship</u>	<u>Current position</u>
Kenedy Freeman*	2015	Doris Duke High School Student Research Program. Project: "Preoperative BMI as a Predictor for Outcomes of Laparoscopic Toupet Fundoplication."	Communications strategist, Generator Media
Ireland Guenther*	2016	Doris Duke High School Student Research Program. Project: "Quality of Life after Heller Myotomy and POEM Procedures for Achalasia."	Nurse practitioner student, UW-Madison
Anisa Pontes*	2018	Doris Duke High School Student Research Program. Project: "Differences in 30 Day Postoperative Mortality Rates between Roux-en-Y vs. Sleeve Gastrectomy."	International Rescue Committee, New York, NY
Tanner Johnson*	2019	Doris Duke High School Student Research Program. Project: "Zollinger-Ellison Syndrome"	Undergraduate, University of Arizona
Sophia Ho*	2021	Doris Duke High School Student Research Program.	High school student
Miriam Rodriguez*	2022	Doris Duke High School Student Research Program. Project: "A Qualitative study and analysis on the barriers to maintaining a healthy lifestyle following bariatric surgery."	High school student
Sophia Xiao*	2022	Doris Duke High School Student Research Program. Project: "A Qualitative study and analysis on the barriers to maintaining a healthy lifestyle following bariatric surgery."	High school student
Krithi Gopinath*	2022	Doris Duke High School Student Research Program. Project: "A Qualitative study and analysis on the barriers to maintaining a healthy lifestyle following bariatric surgery."	High school student
Matthew Brock*	2023	Doris Duke High School Student Research Program. Project: "Comparing Long-Term Weight Loss Between Males and Females."	High school student
Sriveda Lankella*	2024	Doris Duke High School Student Research Program. Project: "Predictors of Weight Change in a National Dataset."	High school student
Shreya Ramesh*	2024	Doris Duke High School Student Research Program. Project: "Predictors of Weight Change in a National Dataset."	High school student
Belisma Shrestha*	2024	Doris Duke High School Student Research Program. Project: "Predictors of Weight Change in a National Dataset."	High school student
Rishika Kommuri*	2024	Doris Duke High School Student Research Program. Project: "Predictors of Weight Change in a National Dataset."	High school student

*Under-represented minority students

Undergraduate students

<u>Name</u>	<u>Year</u>	<u>Mentoring relationship</u>	<u>Current position</u>
Connor Lynch	2019 - 2020	Faculty mentor, Surgery 699, Independent study, UW-Madison	Undergraduate, UW-Madison
Paola Marxuach	2019 -	Faculty mentor, Surgery 699, Independent study, UW-Madison	Undergraduate, UW-

	2020		Madison
Sydney Albarado	2019 - 2021	Faculty mentor, Surgery 699, Independent study, UW-Madison	Undergraduate, UW-Madison
Jeremy Portillo*	2020 - 2021	Mentor, Health Professions Shadowing Program (targets students from populations underrepresented in health care and who lack connections to health care professionals)	Undergraduate, UW-Madison
Daniel Ufearo*	2021 - 2023	Faculty mentor	Medical student, New York Medical College
Charlotte Scarmudo	2021 - 2023	Faculty mentor	Undergraduate, UW-Madison
Roshelle Pedro*	2022 - 2023	Faculty mentor, Surgery 699, Independent study, UW-Madison	Undergraduate, UW-Madison
Andre Acra*	2023 - current	Faculty mentor, Surgery 699, Independent study, UW-Madison	Undergraduate, UW-Madison

*Under-represented minority students

Graduate students

<u>Name</u>	<u>Year</u>	<u>Mentoring relationship</u>	<u>Current position</u>
Alexa Statz, MPH	2015 - 2017	Capstone Committee Chair, Master of Public Health (MPH) candidate, University of Wisconsin School of Medicine and Public Health	Clinical outcomes coordinator, Porter Adventist Hospital, Denver, CO
Grace Shea, MPH	2017 - 2019	Capstone Committee Chair, Master of Public Health (MPH) candidate, University of Wisconsin School of Medicine and Public Health	Medical student, University of Wisconsin Madison
Morgan Johnson, MPH	2019 - 2021	Capstone Committee Chair, Master of Public Health (MPH) candidate, University of Wisconsin School of Medicine and Public Health	Medical student, Medical College of Wisconsin
Nathan Torrell	2020 - 2021	Master of Public Health (MPH) candidate, University of Wisconsin School of Medicine and Public Health	MPH student, UW-Madison
Nicole Meyer	2022 - current	Master of Public Health (MPH) candidate, University of Wisconsin School of Medicine and Public Health	MPH student, UW-Madison

Medical students:

<u>Name</u>	<u>Year</u>	<u>Mentoring relationship</u>	<u>Current position</u>
Ying (Ellie) Chen, MD	2014 - 2015	NIH T35 DK062709 Shapiro Summer Research Project mentor, University of Wisconsin School of Medicine and Public Health *Winner of 2015 UW Department of Surgery Research Summit Louis C. Bernhardt Best Clinical, Outcomes, or Educational Science Poster Award – Student; Poster entitled “1 year outcomes for Medicaid vs. non-Medicaid patients after laparoscopic Roux-en-Y gastric bypass”	Gastroenterology fellow, University of California-Los Angeles
Benjamin T. Fox, MD	2014 - 2015	UW-Madison medical student Shapiro award mentor	General internist, Columbia, MO
Neil Shah, MD	2015 - 2017	UW-Madison medical student Shapiro award mentor *Winner, “Dr. Herman & Gwendolyn Shapiro Excellence in Student Research Award,” University of Wisconsin School of Medicine and Public Health	Anesthesiologist, Pasadena, CA
Andrew Vegel,	2016 -	NIH T35 DK062709 Shapiro Summer Research Project mentor,	Internal medicine resident, Tulane

MD	2017	University of Wisconsin School of Medicine and Public Health	University, New Orleans, LA
Meghan Cusack, MD	2018 - 2019	NIH T35 DK062709 Shapiro Summer Research Project, University of Wisconsin School of Medicine and Public Health	Clinical Fellow in Pediatrics, Baylor, Houston, TX
Dillon Svoboda, MD	2018 - 2020	UW-Madison medical student research mentor	Anesthesiology resident, Yale University, New Haven, CT
Alex Finn, BS	2020	UW-Madison medical student research mentor	UW-Madison medical student
Chloe See-Lok Lam, BS	2022 - 2024	NIH T35 DK062709 Shapiro Summer Research Project mentor, Path of Distinction in Research and Path of Distinction in Public Health, University of Wisconsin School of Medicine and Public Health	UW-Madison medical student
Briannae Theodore, BS	2024 - current	UW-Madison medical student mentor, Surgery 936-910 (Independent Reading and Research in Surgery)	UW-Madison medical student
Christopher Mullen, BS	2024 - current	UW-Madison medical student mentor	UW-Madison medical student

Clinical Trainees:

<u>Name</u>	<u>Year</u>	<u>Mentoring relationship</u>	<u>Current position</u>
Jay Nathwani, MD	2013 - 2017	UW-Madison Department of Surgery faculty mentor	Assistant Professor of Surgery, University of Cincinnati, trauma/critical care
Becca Gunter, MD	2013 - 2020	UW-Madison Department of Surgery faculty mentor and clinical research mentor	Assistant Professor of Surgery, Cleveland Clinic, colorectal surgery
Kara Vande Walle, MD	2015 - 2022	UW-Madison Department of Surgery faculty mentor	Staff surgeon, Surgical Associates of Neenah, WI
Katheryn Hope, MD	2021 - 2022	Faculty mentor via The Surgical Education Culture Optimization through targeted interventions based on National Comparative Data (SECOND) Trial	General surgeon, Aurora Health Care, Milwaukee, WI
Emma Jones, MD	2022 - current	Faculty mentor via The Surgical Education Culture Optimization through targeted interventions based on National Comparative Data (SECOND) Trial	Surgical critical care fellowship, University of Minnesota, Minneapolis, MN

*Under-represented minority mentee

Post-doctoral fellows:

<u>Name</u>	<u>Year</u>	<u>Mentoring relationship</u>	<u>Current position</u>
Jay Nathwani, MD	2013 - 2017	UW-Madison Department of Surgery faculty mentor	Assistant Professor of Surgery, University of Cincinnati, trauma/critical care

Becca Gunter, MD	2013 - 2020	UW-Madison Department of Surgery faculty mentor and clinical research mentor	Assistant Professor of Surgery, Cleveland Clinic, colorectal surgery
Kara Vande Walle, MD	2015 - 2022	UW-Madison Department of Surgery faculty mentor	Staff surgeon, Surgical Associates of Neenah
Natalie Liu, MD	2018 - 2020	Post-doctoral fellow and trainee on NIH T-32 Surgical Oncology Research Training Program	Assistant Professor of Surgery, University of Chicago
Jacqueline Murtha, MD, MPH	2020 - 2022	Post-doctoral fellow and trainee on NIH T-32 Molecular and Applied Nutrition Training Program	UW-Madison general surgery resident
Dawda Jawara, MD*	2022 - current	Post-doctoral fellow and trainee on NIH T-32 Molecular and Applied Nutrition Training Program	UW-Madison general surgery resident
Bryan Gannon, PhD	2021 - current	Primary mentor on NIH K-01 proposal (submitted Oct 2022)	Assistant Scientist, Department of Nutritional Sciences, University of Wisconsin-Madison
Michele Ravelli, PhD*	2022 - current	Mentor on intramural and extramural grants pertaining to obesity and metabolism	Scientist II, Department of Nutritional Sciences, University of Wisconsin-Madison
Kate Lauer, MD	2024 - current	Post-doctoral fellow and trainee on NIH T-32 Molecular and Applied Nutrition Training Program; Mentor: 2024 AAS Fall Courses Travel Award	UW-Madison general surgery resident

*Under-represented minority mentee

Faculty mentees:

<u>Name</u>	<u>Year</u>	<u>Mentoring relationship</u>	<u>Current position</u>
Nabeel Zafar, MD, MPH	2020 - current	Co-mentor on American Society of Clinical Oncology grant and primary mentor on intramural grant application entitled, "An Innovative Mobile-Health based Method to Improve Outcomes after Gastrointestinal Cancer Surgery in Low- and Middle-Income Countries"	Assistant Professor of Surgery, UW-Madison
Jason Samuels, MD	2024 - current	Co-mentor on NIH K-23 proposal entitled, "Use of Adjuvant Anti-Obesity Medication to Enhance Surgical Weight Loss"	Assistant Professor, Vanderbilt University

Faculty tenure and promotion committees:

<u>Name</u>	<u>Year</u>	<u>Committee role</u>	<u>Current position</u>
Nabeel Zafar, MD, MPH	2021 - current	Chair	Assistant Professor of Surgery, UW-Madison
Patrick Varley, MD	2021 - current	Member	Assistant Professor of Surgery, UW-Madison
Carrie Thiessen, MD, PhD	2021 - current	Chair	Assistant Professor of Surgery, UW-Madison

Service Activities

University of Wisconsin, Department of Surgery

L. M. Funk	
Aug 2014 – March 2017	Medical Student Surgical Education Committee
Nov 2014 – June 2015	Minimally Invasive Surgery Section Chief Search Committee
Aug 2015 – Dec 2015	Division of General Surgery Peer Review Committee
Jan 2015 – June 2016	Co-Chair, UW Minimally Invasive Surgery Outreach Campaign Steering Committee. Content available at http://www.uwhealth.org/minimally-invasive/minimally-invasive-procedures/43778#bariatric . Accessed on July 14, 2015.
March 2015 – March 2016	William S. Middleton VA, Department of Surgery Chief Search Committee
March 2016 – Nov 2016	Section of General Surgery Chair Search Committee
Nov 2016 – April 2017	Chair, UW Division of Colorectal Surgery Search Committee
April 2017 – Dec 2018	Call Flow Design Committee
Feb 2019 – current	WiSOR Surgical Outcomes Group (WiSOR) Executive Committee
Feb 2020 – July 2021	Implementation Lead, Research Training Grants team
Sep 2020 – Jan 2021	Wisconsin Surgical Outcomes Research Group (WiSOR) Shared Values Workgroup Committee
Dec 2020 – October 2022	Diversity, Equity, & Inclusion Implementation Team
Oct 2020 – July 2023	Standing Faculty Recruitment Committee (purpose: to maintain faculty diversity from a sex/gender, race/ethnicity, age, LGBTQ+, religion, and career stage)
Jan 2021 – April 2021	Division of Transplant Surgery, Pancreas Transplant Surgeon Search Committee
June 2021 – October 2021	Chair, UW Division of Colorectal Surgery Chief Search Committee <i>Hired: Dr. Dana Hayden</i>
Sep 2021 – January 2022	Chair, UW Division of Acute Care and Regional General Surgery Faculty Search committee (two faculty positions) <i>Hired: Dr. Nicole Werner and Dr. Lauren Nosanov</i>
July 2022 – March 2023	Chair, UW Division of Surgical Oncology Faculty Search committee (three faculty positions) <i>Hired: Dr. Anna Beck, Dr. Nicci Owusu-Brackett, and Dr. Ashley Woodfin</i>
March 2022 – March 2023	Chair, UW Division of Colorectal Surgery Faculty Search committee <i>Hired: Dr. Ana De Roo</i>
May 2023 – current	Chair, UW Division of Acute Care Surgery Faculty Search committee <i>Hired: Dr. Emily Winslow</i>
<u>UWSMPH/Hospital</u>	
March 2014 – April 2016	UW Health Maintenance of Certification Advisor and Liaison (MOCAL) Committee, University of Wisconsin Hospital and Clinics
March 2014 – March 2015	Grant reviewer, UW Institute for Clinical and Translational Research (ICTR) CAP pilot program
March 2015 – June 2015	Body mass index (BMI) working group, The Center for Clinical Knowledge Management, University of Wisconsin Hospital and Clinics. Prevention and Management of Obesity – Adult – Ambulatory Clinical Practice Guideline. Available at: https://uconnect.wisc.edu/clinical/cckm-tools/cpg/guidelines/nutrition/resources/name-28594-en.file . Accessed on June 17, 2015.

Sep 2015 – Dec 2015	MPH program Capstone Committee Chair (candidate: Alexa Statz), University of Wisconsin School of Medicine and Public Health, Madison, WI
June 2018 – May 2019	MPH program Capstone Committee Chair (candidate: Grace Shea), University of Wisconsin School of Medicine and Public Health, Madison, WI
Nov 2018 – October 2021	Peer Review Committee, William S. Middleton VA, Madison, WI
July 2019 – June 2020	MPH program Capstone Committee Chair (candidate: Morgan Johnson), University of Wisconsin School of Medicine and Public Health, Madison, WI
October 2021 – current	University of Wisconsin-Madison Health Sciences Institutional Review Board (HSIRB) member (VA representative and voting member)
October 2022 – current	Grant reviewer, New Investigator Program, Wisconsin Partnership Program
July 2023 – current	Member, Academic Planning Council, University of Wisconsin School of Medicine and Public Health
July 2024 – current	Grant reviewer, 20th Anniversary Postdoctoral Grant, Wisconsin Partnership Program

Community

“Walk With a Doc Program: Treatment Options For Heartburn.” City of Madison, Madison Parks, Door Creek Park, September 2, 2014.

“UW Health Career Pathways Program” for high school students interesting in careers in medicine. Madison, WI, April 28, 2016.

Legislative Body Testimony

“Medicaid coverage for bariatric surgery patients.” Wisconsin State Assembly Committee on Health, Red Tape Review on the Department of Health Services (DHS) Administrative Code, Madison, WI (June 7, 2017). Available at: <http://www.wiseye.org/Video-Archive/Event-Detail/evhdid/11589> (36-52 minute mark). Accessed on March 1, 2018.

Regional*Massachusetts Chapter of the American College of Surgeons*

2011 – 2013 Annual Meeting Planning Committee, resident member

Wisconsin Chapter of the American Society for Metabolic and Bariatric Surgery

2015 – 2018 President

2018 – 2020 Immediate Past-President

Wisconsin Surgical Society

2016 – 2017 Co-Chair, Program Committee (Executive Council position)

Wisconsin Medical Society

2016 – 2017 Council on Health Care Quality and Population Health

2017 – current Legislative Key Contact

National/International*Association of VA Surgeons*

2018 – 2020 Research Committee

American College of Surgeons

2015 – current Young Fellow Association Wisconsin Representative

2020 – current Committee for the Owen H. Wangensteen Scientific Forum, Bariatric/Foregut Leader

2022 – current Committee for the Owen H. Wangensteen Scientific Forum, e-Posters Leader

2022 – current Scholarships Committee

2023 – current Scholarships Committee, Executive Board

2023 – current Scholarships Committee, Vice-Chair

American Society for Metabolic and Bariatric Surgery

2015 – current	Access to Care Committee
2015 – current	State and Local Chapters Committee
2015 – 2022	Quality Improvement and Patient Safety Committee
2016 – 2020	Research Committee
2017 – current	Access to Care Committee, Access to Care Upper Midwest Region Super “STAR”

Association for Academic Surgery

2015 – 2017	Program Committee
2016 – 2017	Roslyn Faculty Award grant reviewer
2016 – 2017	Research Fellowship Award grant reviewer
2016 – 2017	Senior Medical Student Travel Award grant reviewer
2016 – 2018	Councilor
2016 – current	Executive Council
2017 – 2018	Electronic Voting Process Task Force
2017 – 2019	Nominating Committee
2018 – 2020	Publications Committee, Co-Chair/Chair
2020 – 2022	Leadership Committee, Co-Chair/Chair
2022 – current	Treasurer
2022 – current	Finance Committee, Chair
2022 – current	2023 ASC Development Task Force, Chair
2022 – current	Nominating Committee

Association for Academic Surgery Foundation

2022 – current	Board member, Director-at-Large
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Department of Veterans Affairs

2015 – 2016	Weight Management State of the Art (“SOTA”) Planning Committee, Office of Research and Development, Health Services Research and Development Service
2016	Co-Lead, Bariatric Surgery Working Group, Weight Management State-of-the-Art (SOTA) conference, Department of Veterans Affairs Office of Research and Development, Health Services Research and Development Service, Arlington, VA (March 7-8, 2016).
2019	2019 HSR&D Award selection committee
2020	2020 Daniel S. Deykin Outstanding Mentor Award selection committee
2020	Technical Expert Panel (TEP) member, DCEP Bariatric Surgery
2021	Technical Expert Panel (TEP) member, Endoscopic Bariatric Surgery Interventions versus lifestyle interventions or surgery for weight loss in obese patients: a systematic review and meta-analysis
2022	Reviewer, 2022 HSRD/QUERI National Conference

National Institute for Health Research, NHS (UK)

2018	NHS grant reviewer
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National Institutes of Health

2018 – 2019	NIH Early Career Reviewer
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Patient-Centered Outcomes Research Institute (PCORI)

2018	Peer reviewer
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Society of American Gastrointestinal and Endoscopic Surgeons

2013 – 2016	Global Affairs Committee
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Career Development

1. “American College of Surgeons Outcomes Research Course,” Chicago, IL (November 8-10, 2012).
2. “Association for Academic Surgery Career Development Course,” Washington, D.C. (October 5, 2013).
3. “University of Wisconsin Institute for Clinical and Translational Research Dissemination and Implementation Short Course,” Madison, WI (October 28-29, 2013).

4. "Write Winning NIH Grant Proposals" workshop. University of Wisconsin, Department of Medicine, Madison, WI (April 11, 2014).
5. "Center for Quality and Productivity Improvement (CPQI) and Systems Engineering Initiative for Patient Safety (SEIPS) Symposium." University of Wisconsin, Department of Industrial Engineering, Madison, WI (July 29, 2014).
6. "Association for Academic Surgery Grant Writing Course." 2015 Academic Surgical Congress, Association for Academic Surgery. Las Vegas, NV (February 1-2, 2015).
7. "Forming and Sustaining Multi-Stakeholders Panels Lecture Series." University of Wisconsin Institute for Clinical and Translational Research Community-Academic Partnership (ICTR-CAP) program, Madison, WI (February 2016).
8. "PHS 650 Social Network Analysis and Health" (audited course). University of Wisconsin School of Medicine and Public Health, Madison, WI (Spring semester, 2017).
9. "Mentee Training Seminar Series." Department of Surgery, University of Wisconsin-Madison, Madison, WI (August-September 2017; 8-hour research mentee seminar).
10. "Career Paths 101: Planning for Promotion." University of Wisconsin School of Medicine and Public Health, Madison, WI (November 10, 2017).
11. "Giving effective feedback." Wisconsin Surgical Outcomes Research (WiSOR) program, University of Wisconsin-Madison, WI (December 5, 2017).
12. "2018 HSR&D Career Development Conference." U.S. Department of Veterans Affairs, Salt Lake City, UT (July 12, 2018).
13. "Provider Awareness Cultural Dexterity Toolkit for Surgeons (PACTS) Pilot Program." Association for Academic Surgery Executive Council Retreat, Chicago, IL (July 17, 2018).
14. "UW Institute for Clinical and Translational Research K to R Writing Group." University of Wisconsin-Madison (August – October 2019).
15. "K Scholar Mentor Training Workshop." University of Wisconsin-Madison (September 27, 2019).
16. "Diversity Forum 2020." Division of Diversity, Equity, & Educational Achievement. University of Wisconsin-Madison (October 27, 2020).
17. "8th Annual SUS Mid-Career Academic Surgery Professional Development Course." Association for Academic Surgery/Society of University Surgeons, Orlando, FL (January 31, 2022).
18. Weikel "Leadership and Engagement Across Disciplines of Surgery (LEADS)" Professional Development Course, Department of Surgery, UW-Madison (July 2023-June 2024).

Media Coverage

1. "2.2 Billion People Worldwide Lack Access to Surgical Services." Modern Medicine. July 1, 2010. Available at: <http://www.modernmedicine.com/modern-medicine/news/modernmedicine/modern-medicine-news/22-billion-people-worldwide-lack-access-sur>. Highlighted our publication in the Lancet entitled, "Global operating theatre distribution and pulse oximetry supply: an estimation from reported data." Accessed July 5, 2010.
2. "Poor Nations Face Severe Shortage of Operating Rooms, Equipment." Medscape Medical News. Released July 1, 2010. Available at: <http://www.medscape.com/viewarticle/724497>. Highlighted our publication in the Lancet entitled, "Global operating theatre distribution and pulse oximetry supply: an estimation from reported data." Accessed July 6, 2010.
3. "More than two billion people worldwide lack access to surgical services." Press Release by the Harvard School of Public Health. Released June 30, 2010. Available at: <http://www.hsph.harvard.edu/news/press-releases/two-billion-lack-access-surgical-services/>. Highlighted our publication in the Lancet entitled, "Global operating theatre distribution

and pulse oximetry supply: an estimation from reported data.” Accessed July 4, 2010.

4. MDLinx highlighted the article: **Funk LM**, Suzo A, Mikami DJ, Needleman BJ. Two-year outcomes for Medicaid vs. non-Medicaid patients who undergo laparoscopic roux-en-Y gastric bypass: a case-control study. *Obese Surg* 2014 (in press). Available at: <http://www.mdlinx.com/surgery/news-article.cfm/5180237/bariatric-surgery-laparoscopic-roux-en-y>. Accessed March 27, 2014.
5. “Transoral incisionless fundoplication may help refractory GERD, but doubts remain.” Reuters Health. Released November 8, 2014. Available at: <http://www.hegalaxy.com/transoral-incisionless-fundoplication-may-help-refractory-gerd-but-doubts-remain>. Accessed November 30, 2014.
6. “Dr. Luke Funk explains GERD treatment options after President Obama's recent diagnosis.” University of Wisconsin School of Medicine and Public Health.” Available at: <http://www.surgery.wisc.edu/news-events/news/dr-luke-funk-explains-gerd-treatment-options-after-president-obamas-recent-diagnosis/>. Accessed December 9, 2014.
7. “Limited knowledge a barrier to surgery.” Written by Owen Haskins, Editor-in-Chief, Bariatric News. Available at: <http://www.bariatricnews.net/?q=news/112043/limited-knowledge-barrier-surgery>. Accessed September 10, 2015.
8. “Doctors, patients seek weight-loss surgery coverage for state workers.” Written by David Wahlberg, reporter, Wisconsin State Journal. Available at: http://host.madison.com/wsj/news/local/health-med-fit/doctors-patients-seek-weight-loss-surgery-coverage-for-state-workers/article_8fb06dde-b9fb-5e82-be8b-b1f64a8944e0.html. Accessed February 21, 2016.
9. “Wisconsin doctors, state employees call for weight loss surgery coverage.” Written by Amos Mayberry, reporter. The Badger Herald. Available at: <https://badgerherald.com/news/2016/02/22/wisconsin-doctors-state-employees-call-for-weight-loss-surgery-coverage/>. Accessed March 2, 2016.
10. “Make a difference! Serve patients like they were members of your family.” Inside the Huddle, UW Health at The American Center. Volume 1, Issue 4. April 15, 2016.
11. “The Biggest Loser: Why Weight keeps Coming Back.” WISC-TV Channel 3 News Live at Four (CBS affiliate), Madison, WI. Available at: <http://m.channel3000.com/health/Doctor-talks-about-losing-weight-keeping-it-off/39385846>. Accessed May 5, 2016.
12. “Study shows ‘Biggest Loser’ contestants struggle to keep weight off.” WMTV Channel 15 News at Four (NBC affiliate), Madison, WI. Available at: <http://www.nbc15.com/video?videoid=3519276>. Accessed May 11, 2016.
13. “ASMBS Wisconsin State Chapter Seeks Bariatric Surgery Coverage for State Workers.” Connect, the official news magazine of the ASMBS. Available at: <http://connect.asmb.org/may-2016-news-and-notes.html>. Accessed on May 20, 2016.
14. “Obesity in Wisconsin remains the same for first time in years.” The Badger Herald. Available at: <https://badgerherald.com/news/2016/09/19/obesity-in-wisconsin-remains-the-same-for-first-time-in-years>. Accessed on September 19, 2016.
15. “Per Oral Endoscopic Myotomy: Nathan’s Story.” UW Health. Available at: <https://www.youtube.com/watch?v=HrSLBvEq5HU>. Accessed on January 7, 2017.
16. “Military Veterans on the Frontlines of Obesity.” Connect, the official news magazine of the ASMBS. Available at: <http://connect.asmb.org/may-2017-military-papers.html>. Accessed on April 27, 2017.
17. “Obesity and Cutting-edge Treatment Approaches.” Surgery Sett Podcast, Department of Surgery, University of Wisconsin. Available at: <http://surgerysett.podbean.com/e/obesity-and-cutting-edge-treatment-approaches/>. Accessed on February 19, 2018.
18. “Big weight loss may bring big relationship changes.” HealthDay: News for Healthier Living.” Available at: <https://consumer.healthday.com/vitamins-and-nutrition-information-27/weight-loss-surgery-bariatric-1005/big-weight-loss-may-bring-big-relationship-changes-732388.html>. Accessed on March 28, 2018.
19. “Bariatric Surgery Linked to Relationship Changes.” Medpage Today. Available at: <https://www.medpagetoday.com/endocrinology/obesity/72057>. Accessed on March 29, 2018.

20. "How Weight loss Surgery Can Change Your Relationship Status." Huffington Post. Available at: https://www.huffingtonpost.co.za/2018/03/31/how-weightloss-surgery-can-change-your-relationship-status_a_23399791/. Accessed on April 5, 2018.
21. "Getting Bariatric Surgery? The Unexpected Way Your Relationship Status May Change." Everyday Health. Available at: <https://www.everydayhealth.com/diet-nutrition/bmi/getting-bariatric-surgery-unexpected-way-your-relationship-status-may-change/>. Accessed on April 6, 2018.
22. "George H.A. Clowes, MD, FACS, Memorial Career Development Awardee for 2018 announced." Available at: <http://bulletin.facs.org/2018/08/george-h-a-clowes-md-facs-memorial-career-development-awardee-for-2018-announced/>. Accessed on August 1, 2018.
23. "Will losing weight change your relationship?" Author: Claire Altschuler. Chicago Tribune, August 2, 2018. Available at: www.chicagotribune.com/lifestyles/sc-fam-weight-loss-affect-marrigage-0807-story.html. Accessed on August 2, 2018.
24. "Patients, doctors push against bariatric barriers." WISC-TV News 3. Available at: <https://www.channel3000.com/news/understanding-obesity-a-bariatric-barrier/784073491>. Accessed on August 20, 2018.
25. "Implantable Vagus Nerve Stimulation Device Aids Weight Loss." Science News. Available at: <http://www.sci-news.com/medicine/implantable-vagus-nerve-stimulation-device-06735.html>. Accessed on December 20, 2018.
26. "Sleeve Gastroplasty's Benefits Appear Durable." MedPage Today. Available at: <https://www.medpagetoday.com/meetingcoverage/ddw/79828>. Accessed on May 15, 2019.
27. "Wisconsin to cover weight-loss surgery for state workers." Wisconsin State Journal. Available at: https://madison.com/wsj/news/local/health-med-fit/state-to-cover-weight-loss-surgery-for-state-workers/article_9644df47-b412-5624-a519-9ca1588fcda9.html#tracking-source=home-top-story-1. Accessed on May 16, 2019.
28. "State Of Wisconsin to cover weight-loss surgery for workers: Wisconsin will pay for bariatric surgery starting in 2020." Wisconsin Public Radio. Available at: <https://www.wpr.org/state-wisconsin-cover-weight-loss-surgery-workers>. Accessed on May 24, 2019. Audio available at: <https://www.wpr.org/listen/1458896>. Accessed on May 24, 2019.
29. "Gastric bypass may be best weight-loss surgery for diabetes remission." Reuters. Available at: <https://www.reuters.com/article/us-health-bariatric-diabetes/gastric-bypass-may-be-best-weight-loss-surgery-for-diabetes-remission-idUSKBN20R37O>. Accessed on March 5, 2020.
30. "Bariatric Surgery Type Matters for Diabetes Outcomes — Study compared Roux-en-Y with sleeve gastrectomy." Medpage Today. Available at: <https://www.medpagetoday.com/endocrinology/diabetes/85230>. Accessed on March 5, 2020.
31. "Bariatric Surgery Improves Type 2 Diabetes, Study Finds." Medscape, General Surgery. Available at: <https://www.medscape.com/viewarticle/926303>. Accessed on March 5, 2020.
32. "Opinion: Legislation would make obesity medications more widely available and help reduce inequities in care. Milwaukee Journal Sentinel." Available at: <https://www.jsonline.com/story/news/solutions/2021/07/22/legislation-would-make-obesity-medications-more-widely-available/8033876002/>. Accessed on July 23, 2021.
33. Expertscape in Obesity. Available at <https://expertscape.com/au/obesity/Funk%2C+L>. Accessed on January 24, 2022.
34. "Wisconsin's Group Insurance Board to review the benefits and cost of bariatric surgery for state workers. Wisconsin Public Radio." Available at: <https://www.wpr.org/wisconsins-group-insurance-board-review-benefits-and-cost-bariatric-surgery-state-workers>. Accessed on February 15, 2022.
35. "Good News on Treating Obesity, but Will Payers Pony Up?" Health Payer Specialist, King G. Available at: <https://www.healthpayerspecialist.com/c/3800914/491214>. Accessed on October 31, 2022.