

*Curriculum Vitae*  
**Michael C Kachmar, DO, DABS, DABOM**  
Assistant Professor  
Metabolic & Bariatric Surgery

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**Place of Birth:** Kingston, Pennsylvania, USA

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## **EDUCATION**

**Undergraduate** 2010 – 2014  
The Pennsylvania State University, University Park, PA  
College of Health and Human Development  
Bachelor of Science: Kinesiology, May 2014  
With Distinction  
The Schreyer Honors College  
Honors in Kinesiology, May 2014

**Medical/Graduate** 2014 – 2018  
Rowan University School of Osteopathic Medicine, Stratford, NJ  
Doctor of Osteopathic Medicine, May 2018

**Postgraduate Residency Training**

Rowan University School of Osteopathic Medicine, Stratford, NJ 2018 – 2022  
General Surgery Residency Program  
Program Director: Louis Balsama, DO

Inspira Health System, Vineland, NJ 2022 – 2023  
General Surgery Residency Program  
Program Director: Leon Kushnir, MD

**Postdoctoral Research Fellowship Training**

Pennington Biomedical Research Center / LSU-HSC, Baton Rouge, LA 2023 – 2024  
TIGER Lab / Metamor Institute  
Mentors: Vance Albaugh, MD PhD, Michael Cook MD, & Philip Schauer, MD

**Clinical Fellowship Training**

Pennington Biomedical Research Center / LSU-HSC, Baton Rouge, LA 2024 – 2025  
Advanced Laparoscopic & Bariatric Surgery  
Program Director: Philip Schauer, MD

## **ACADEMIC APPOINTMENTS**

2025 – Present **University of South Florida - Morsani College of Medicine**, Tampa, FL  
*Assistant Professor of Surgery*

## **CLINICAL APPOINTMENTS**

2025 – Present **Tampa General Hospital**, Tampa, FL

*Credentialed Provider, Hospital Privileges, Surgery/General Surgery/Bariatric Surgery*

- 2024 – 2025 **Our Lady of the Lake Regional Medical Center**, Baton Rouge, LA  
*Credentialed Provider, Hospital Privileges, Surgery/General Surgery*
- 2024 – 2025 **Pennington Biomedical Research Center**, Baton Rouge, LA  
*Credentialed Provider, Medical Privileges*
- 2024 – 2025 **Louisiana State University – Health Sciences Center**, New Orleans, LA  
*Department of Surgery, Metabolic and Bariatric Surgery Fellow*
- 2024 – 2025 **LCMC Health System**, New Orleans, LA  
*Graduate Medical Education, Metabolic and Bariatric Surgery Fellow*
- 2022 – 2023 **Inspira Health Network**, Vineland, NJ  
*Resident Physician, Chief-Resident, General Surgery Graduate Medical Education*
- 2018 – 2022 **Rowan University School of Osteopathic Medicine**, Stratford, NJ  
*Resident Physician, General Surgery Graduate Medical Education*

## **LICENSURES**

Louisiana State Board of Medical Examiners Medical License #337938 – 2023 - Present  
Drug Enforcement Agency License – 2023 – Present  
Louisiana CDS License, CDS.065909- MD – 2023 – Present  
New Jersey State Board of Medical Examiners Training Permit – 2019-2023  
National Provider Number: #1700378064 – 2018 – Present

## **CERTIFICATIONS**

### **American Board of Surgery**

General Surgery Certificate: #074606  
General Surgery Qualifying Examination – Pass, July 2023  
General Surgery Certifying Examination – Pass, March 2024

### **American Board of Obesity Medicine**

Diplomate ID: #89996981  
ABOM Certification Exam: Pass, December 2024

### **Society of American Gastrointestinal and Endoscopic Surgeons**

Fundamentals of Laparoscopic Surgery (FLS®) – Pass, April 2022  
Fundamentals of Endoscopic Surgery (FES®) – Pass, March 2022

### **American College of Surgeons**

Advanced Trauma Life Support, (2019-2023)

### **National Board of Osteopathic Medical Examiners**

COMLEX Level 1- Pass, June 2016

COMLEX Level 2 CE- Pass, June 2017  
COMLEX Level 2 PE- Pass, July 2017  
COMLEX Level 3 – Pass, February 2019

**National Board of Medical Examiners**

USMLE Step 1- Pass, June 2016  
USMLE Step 2 CK- Pass, July 2017

**American Heart Association**

Basic Life Support for Healthcare Provider, (2014-present)  
Advanced Cardiac Life Support for Healthcare Provider, (2018-present)

**PUBLICATIONS**

Corpodean F, **Kachmar M**, Yang S, Heymsfield SB, Katzmarzyk PT, Schauer PR, Cook MW, Albaugh VL. Association of Obesity Severity With Cardiometabolic and Renal Disease Burden in the United States. *Obesity*. Published online 2025. doi:10.1002/oby.70099

Corpodean F, Naseri M, **Kachmar M**, Amant JS, Blondin DP, Carmichael OT, Albaugh VL. Roux-en-Y Gastric Bypass is Associated With Increased Intestinal Glucose Uptake in Humans. *J Endocr Soc*. 2025;9(12):bvaf172. doi:10.1210/jendso/bvaf172

Corpodean F, **Kachmar M**, Megison H, Robinson J, Schauer PR, Albaugh VL, Cook MW. Association of socioeconomic disparities by payor status and perioperative outcomes in bariatric surgery. *Surg Obes Relat Dis*. Published online 2025. doi:10.1016/j.soard.2025.10.015

Hanipah ZN, Corpodean F, **Kachmar M**, Cook MW, Albaugh VL, Schauer PR. Heart Failure is a Major Risk Factor for Postoperative Venous Thromboembolism in Bariatric Surgery Patients. *Surg Obes Relat Dis*. Published online 2025. doi:10.1016/j.soard.2025.10.007

Teklu YE, Corpodean F, **Kachmar M**, Schauer PR, Cook MW, Albaugh VL. Impact of Preoperative Liver Disease Diagnosis on Postoperative Outcomes in Bariatric Surgery. *Surg Obes Relat Dis*. Published online 2025. doi:10.1016/j.soard.2025.10.006

LaPenna KB, Corpodean F, Castanon C, **Kachmar M**, Schauer PR, Albaugh VL. Impact of Heart Failure on Postoperative Outcomes in Bariatric Surgery. *Surg Obes Relat Dis*. Published online 2025. doi:10.1016/j.soard.2025.10.009

Corpodean F, **Kachmar M**, Yang S, Cook MW, Schauer PR, Albaugh VL. Obesity Severity and Cancer Screening in US Adults. *JAMA Netw Open*. 2025;8(9):e2532402. doi:10.1001/jamanetworkopen.2025.32402

**Kachmar M**, Shin TH, Dang JT, Albaugh VL. Comment on: Towards a better mouse model of vertical sleeve gastrectomy. *Surg Obes Relat Dis*. Published online 2025. doi:10.1016/j.soard.2025.08.019

Corpodean F, **Kachmar M**, Danos D, Schauer PR, Albaugh VL. Diabetes Status and Not Preoperative Glycemic Control is Associated with Postoperative Outcomes in

Metabolic/Bariatric Surgery. *Surg Obes Relat Dis*. Published online 2025. doi:10.1016/j.soard.2025.07.018

Doiron JE, **Kachmar M**. Comment on: Impact of weight loss on epicardial adipose tissue after laparoscopic sleeve gastrectomy: a CT-based quantitative analysis using ITK-SNAP. *Surg Obes Relat Dis*. 2025;21(10):1100-1101. doi:10.1016/j.soard.2025.07.007

**Kachmar M**, Albaugh VL, Yang S, Corpodean F, Heymsfield SB, Katzmarzyk PT, Freedman DS, Schauer PR. Disproportionate increase in BMI of  $\geq 60$  kg/m<sup>2</sup> in the USA. *Lancet Diabetes Endocrinol*. 2025;13(6):463-465. doi:10.1016/s2213-8587(25)00069-5

**Kachmar, M**, Corpodean F, Popiv I, LaPenna KB, Danos DM, Cook MW, Saunders BA, Domercant JJ, Albaugh VL, Schauer PR. Multi-modal neo-adjuvant anti-obesity medications may be more effective than medically supervised weight loss or GLP-1 therapy alone in preparing BMI $\geq 70$  patients for metabolic surgery. *Int J Obes*. 2025;49(8):1-7. doi:10.1038/s41366-025-01798-2

Corpodean F, **Kachmar M**, Lowe A, Albaugh VL. 1274: Detection of Autonomic Nervous System Changes During Duodenal Glucose Infusion in Humans: A Pilot Study. *Gastroenterology*. 2025;169(1):S-1978. doi:10.1016/s0016-5085(25)05473-3

Corpodean F, Naseri M, **Kachmar M**, Amant JS, T. O, Albaugh VL. Tu1468: Roux-En-Y Gastric Bypass Is Associated with Increased Intestinal Glucose Uptake in Humans. *Gastroenterology*. 2025;169(1):S-2066. doi:10.1016/s0016-5085(25)05679-3

**Kachmar, M**, Gunaldo, JM, Doiron JE, Corpodean F, Danos DM, Galvani C, Cook MW, Schauer PR, Albaugh VL. Patient and operative characteristics of readmission and poly-readmission following metabolic surgery: an MBSAQIP analysis (2015–2021). *Surg Endosc* (2025). <https://doi.org/10.1007/s00464-025-11799-x>

Corpodean, F., **Kachmar, M.**, Doiron, J., Danos, D., Cook, M. W., Schauer, P. R., & Albaugh, V. L. (2025). Association of insurance status with postoperative resource utilization after metabolic/bariatric surgery-A multi-institutional study. *Surgery for obesity and related diseases : official journal of the American Society for Bariatric Surgery*, S1550-7289(25)00110-8. Advance online publication. <https://doi.org/10.1016/j.soard.2025.03.003>

**Kachmar M**, Wall-Wieler E, Liu Y, Zheng F, Singh P, Albaugh VL. Changes in Positive Airway Pressure Device Use after Metabolic Surgery: A Matched Cohort Study of National Claims Data. *Surg Obes Relat Dis*. Published online 2025. doi:10.1016/j.soard.2025.01.009

**Kachmar, M.**, & Albaugh, V. L. (2025). Comment on: Variation in opioid-free discharge after metabolic surgery from 2018 to 2023: a state-wide analysis from the Michigan Bariatric Surgery Collaborative. *Surgery for obesity and related diseases : official journal of the American Society for Bariatric Surgery*, 21(6), 626–627. <https://doi.org/10.1016/j.soard.2025.02.003>

**Kachmar M**, Corpodean F, Cook M, Schauer P, Albaugh V. L9V087M09J Massive Hepatomegaly and Undiagnosed Polycystic Liver Disease at the time of Laparoscopic Sleeve Gastrectomy. *Surg Obes Relat Dis*. 2025;21(6):S89-S90. doi:10.1016/j.soard.2025.04.278

Corpodean F, **Kachmar M**, Cook M, Schauer PR, Albaugh VL. 95DRQX9R5D Impact of Preoperative Heart Failure on Postoperative Outcomes in Bariatric Surgery: Lessons from the 2023 MBSAQIP Database. *Surg Obes Relat Dis*. 2025;21(6):S72. doi:10.1016/j.soard.2025.04.221

Corpodean F, **Kachmar M**, Teklu Y, Cook M, Schauer PR, Albaugh VL. V9YY5KBY9Z Impact of Preoperative Liver Disease on Postoperative Outcomes in Bariatric Surgery: Lessons from the 2023 MBSAQIP Database. *Surg Obes Relat Dis*. 2025;21(6):S56. doi:10.1016/j.soard.2025.04.174

Corpodean F, **Kachmar M**, Schauer PR, Albaugh VL, Cook M. RW6JDLYJW9 Going the distance: Impact of Travel Distance of Postoperative Outcomes following Metabolic and Bariatric Surgery. *Surg Obes Relat Dis*. 2025;21(6):S55-S56. doi:10.1016/j.soard.2025.04.173

**Kachmar M**, Corpodean F, Galvani C, Cook M, Danos D, Hughe D, Schauer PR, Albaugh VL. AVR97A69B7 High BMI Patients Are Receiving Disproportionately Less Surgical Care Over Time Despite Population Growth: Analysis of the NSQIP (2005-2022). *Surg Obes Relat Dis*. 2025;21(6):S36. doi:10.1016/j.soard.2025.04.108

Corpodean F, **Kachmar M**, Cook M, Albaugh VL, Schauer PR. DWVB5XVBW6 Heart Failure is a Key Predictor of Postoperative Thromboembolic Risk in Bariatric Surgery Patients. *Surg Obes Relat Dis*. 2025;21(6):S53-S54. doi:10.1016/j.soard.2025.04.167

**Kachmar M**, Corpodean F, Galvani C, Cook M, Efshat MA, Lyons J, Schauer PR, Albaugh VL. VW448AJ4WG High BMI is Associated with Decreased Access to Oncologic Surgical Care: Analysis of the NSQIP (2005-2022). *Surg Obes Relat Dis*. 2025;21(6):S39-S40. doi:10.1016/j.soard.2025.04.118

**Kachmar M**, Jordan E, Corpodean F, Galvani C, Hechenbleikner E, Schauer PR, Albaugh VL, Cook M, Shin TH. GVB56LBR8 GERD as a Risk Factor for Postoperative Complications in the MBSAQIP Registry: Implications for Preoperative Evaluation. *Surg Obes Relat Dis*. 2025;21(6):S78-S79. doi:10.1016/j.soard.2025.04.242

Corpodean F, **Kachmar M**, Danos D, Cook M, Schauer PR, Albaugh VL. GQRABYGA7Y Association of Preoperative Glycemic Control with Postoperative Outcomes in Sleeve Gastrectomy and Gastric Bypass: Analysis of the 2017-2022 MBSAQIP Database. *Surg Obes Relat Dis*. 2025;21(6):S72. doi:10.1016/j.soard.2025.04.222

Bunch H, Corpodean F, **Kachmar M**, Albaugh VL, Schauer PR, Hanipah ZN. GRK9APK9R5 Postoperative Nutrient Deficiencies in Metabolic Surgery: A 3-Year Follow-up of Distal RYGB and SADI/BPD Patients. *Surg Obes Relat Dis*. 2025;21(6):S78. doi:10.1016/j.soard.2025.04.241

**Kachmar M**, Doiron JE, Corpodean F, Danos DM, Cook MW, Schauer PR, Albaugh VL. Identifying At-Risk Populations for Reoperations, Readmissions, and Interventions in MBSAQIP Using a Novel Inpatient Postoperative Care Metric. *Obes Surg*. Published online 2025:1-11. doi:10.1007/s11695-025-07686-y

**Kachmar, M**, Corpodean, F, & Albaugh, VL. Comment on: Perioperative lifestyle and

nutritional interventions' details reporting in bariatric surgery trials according to the TIDieR checklist: a cross-sectional study. *Surg Obes Relat Dis* : Off J Am Soc Bariatr Surg. S1550-7289(24)00967-5. <https://doi.org/10.1016/j.soard.2024.12.010>

Wall-Wieler, E., Singh, P., **Kachmar, M.**, Liu, Y., Zheng, F., & Albaugh, V. (2024, November). Metabolic Surgery Dramatically Reduces PAP Device Use: A Matched Cohort Study on Sleep Apnea. In *OBESITY* (Vol. 32, pp. 95-95). 111 RIVER ST, HOBOKEN 07030-5774, NJ USA: WILEY. <https://doi.org/10.1002/oby.24195>

Megison, H., Corpodean, F., Danos, D., **Kachmar, M.**, Cook, M. W., Schauer, P. R., & Albaugh, V. L. (2025). Patient Preferences for Metabolic Surgery: Do Patient Demographics Make a Difference?. *The Journal of surgical research*, 305, 231–236. <https://doi.org/10.1016/j.jss.2024.11.040>

**Kachmar M**, Corpodean F, LaChute C, Popiv I, Cook M, Danos DM, et al. Clinical Outcomes of Metabolic Surgery on Diuretic Use in Patients with Heart Failure. *Am J Cardiol*. Published online 2024. doi:10.1016/j.amjcard.2024.07.012

Schauer TH, **Kachmar M**, Corpodean F, Belmont KP, Danos D, Cook M, et al. Rare Events Model of the MBSAQIP Database: Risk of Early Bowel Obstruction Following Metabolic Surgery. *Surg Obes Relat Dis*. Published online 2024. doi:10.1016/j.soard.2024.07.005

Corpodean F, **Kachmar M**, Popiv I, LaPenna KB, Lenhart D, Cook M, et al. BMI  $\geq 70$ : A Multi-Center Institutional Experience of the Safety and Efficacy of Metabolic and Bariatric Surgery Intervention. *Obes Surg*. Published online 2024:1-8. doi:10.1007/s11695-024-07419-7

**Kachmar M**, Corpodean F, Danos DM, Cook MW, Schauer PR, Albaugh VL. Early marginal ulceration prevalence following primary RYGB: a rare events model of the MBSAQIP 2015-2021. *Surg Obes Relat Dis* : Off J Am Soc Bariatr Surg. Published online 2024. doi:10.1016/j.soard.2024.06.011

Corpodean F, **Kachmar M**, LaPenna KB, Danos D, Cook M, Schauer PR, et al. Impact of Progressive Chronic Kidney Disease Stage on Post Operative Outcomes in Metabolic Surgery—A Propensity Matched Analysis utilizing the MBSAQIP Database. *Surg Obes Relat Dis*. Published online 2024. doi:10.1016/j.soard.2024.05.020

**Kachmar M**, Corpodean F, Popiv I, LaPenna KB, Lenhart D, Danos DM, Cook MW, Albaugh VL, Schauer PR. “A050 Multi-Modal Anti-Obesity Medication May Yield Superior Preoperative Weight Loss in High Risk Patients with BMI  $\geq 70$ ” Published June 9, 2024. *Surgery for Obesity and Related Diseases*, Volume 20, Issue 6, S32 - S33 DOI:<https://doi.org/10.1016/j.soard.2024.04.111>

Schauer TH, **Kachmar M**, Corpodean F, Popiv I, Lenhart D, Danos DM, Cook M, Albaugh VL, Schauer PR. “A159 Early Bowel Obstruction Remains Uncommon: A Rare Events Model of the MBSAQIP from 2015-2021” Published June 9, 2024. *Surgery for Obesity and Related Diseases*, Volume 20, Issue 6, S16 - S17 DOI:<https://doi.org/10.1016/j.soard.2024.04.068>

Corpodean F, **Kachmar M**, Danos DM, Cook M, Schauer PR, Albaugh VL. “A049 Survival

Crossroads: Unveiling the Impact of Progressive Chronic Kidney Disease Stage on Post Operative Outcomes in Metabolic Surgery—A Propensity Matched Analysis” Published June 9, 2024. Surgery for Obesity and Related Diseases, Volume 20, Issue 6, S2 - S3  
DOI:<https://doi.org/10.1016/j.soard.2024.04.024>

Corpodean F, **Kachmar M**, Adepoju L, Danos DM, Cook M, Schauer PR, Albaugh VL. “A044 Insights into Post-Surgical Risks: Exploring the Relationship Between Insurance Payer Status and Major Adverse Cardiovascular and Cerebrovascular Events in Metabolic Surgery.” Published June 9, 2024. Surgery for Obesity and Related Diseases, Volume 20, Issue 6, S21 - S22  
DOI:<https://doi.org/10.1016/j.soard.2024.04.082>

**Kachmar M**, Corpodean F, LaChute C, Popiv I, Cook MW, Albaugh VL, Aminian A, Moraes D, Tang WH, Schauer PR. “A233 Heart Failure Patients Undergoing Metabolic Surgery Reduce Oral Diuretic Use, Improve Body Weight, and Diabetes Control: A Retrospective Study” Published June 9, 2024. Surgery for Obesity and Related Diseases, Volume 20, Issue 6, S78 - S79  
DOI:<https://doi.org/10.1016/j.soard.2024.04.251>

Corpodean F, **Kachmar M**, Danos DM, Cook MW, Schauer PR, Albaugh VL. “A240 Unveiling Financial Impact: How Payor Status Shapes Postoperative Resource Utilization in Metabolic Surgery” Published June 9, 2024. Surgery for Obesity and Related Diseases, Volume 20, Issue 6, S80 DOI:<https://doi.org/10.1016/j.soard.2024.04.255>

Lenhart D, Corpodean F, **Kachmar M**, Schauer PR, Albaugh VL, Cook MW. “A226 Robotic Heller Myotomy with Roux-En-Y Gastric Bypass” Published June 9, 2024. Surgery for Obesity and Related Diseases, Volume 20, Issue 6, S77 DOI:<https://doi.org/10.1016/j.soard.2024.04.247>

**Kachmar M**, Corpodean F, Popiv I, Cook MW, Schauer PR, Newton RL, Albaugh VL. “Deprivation Indices Contrast by Payer Status Suggesting Disparities in Access to Care” ASMBS Annual Meeting 2024. San Diego, CA. Published June 9, 2024. Presented June 11, 2024.

**Kachmar M**, Corpodean F, Cook MW, Schauer PR, Albaugh VL. “A038 Patient Preferences for Metabolic Surgery: Does BMI and Operative Surgeon Make a Difference?” Published June 9, 2024. Surgery for Obesity and Related Diseases, Volume 20, Issue 6, S40 - S41  
DOI:<https://doi.org/10.1016/j.soard.2024.04.135>

Corpodean F, **Kachmar M**, Saqer S, Popiv I, Lenhart D, Lovelace J, Cook M, Albaugh VL, Schauer PR. “A065 Charting Progress: A Decade Survey of Influential Literature in Metabolic Surgery” Presented June 11, 2024. Surgery for Obesity and Related Diseases, Volume 20, Issue 6, S46 - S47 DOI:<https://doi.org/10.1016/j.soard.2024.04.153>

**Kachmar M**, Corpodean F, Popiv I, Lenhart D, Danos DM, Cook MW, Schauer PR, Albaugh VL. “A023 A Rare Events Model - Conversion Sleeve to Roux-en-Y Gastric Bypass is Associated with Increased Early Marginal Ulceration: A 2020-2021 MBSAQIP Analysis” Published June 9, 2024. Surgery for Obesity and Related Diseases, Volume 20, Issue 6, S36 - S37  
DOI:<https://doi.org/10.1016/j.soard.2024.04.124>

**Kachmar M**, Corpodean F, Danos DM, Cook MW, Schauer PR, Albaugh VL. “A161 Patient Characteristics Drive Risk and Intensity of Reoperation, Readmission, and Intervention: A Zero-

inflated Poisson Model Using Inpatient Post Operative Care Data from the MBSAQIP” Published June 9, 2024. *Surgery for Obesity and Related Diseases*, Volume 20, Issue 6, S66  
DOI:<https://doi.org/10.1016/j.soard.2024.04.212>

Corpodean F, **Kachmar M**, Danos DM, Schauer PR, Albaugh VL. “A073 Operating at the Extreme: A Multi-Center Experience on the Safety and Efficacy of Metabolic Surgery at BMI  $\geq 70$ ” Published June 9, 2024. *Surgery for Obesity and Related Diseases*, Volume 20, Issue 6, S49  
DOI:<https://doi.org/10.1016/j.soard.2024.04.161>

**Kachmar M**, Corpodean F, Danos DM, Cook MD, Schauer PR, Albaugh VL. “P174 Understanding A Rare Event: Early Marginal Ulceration after Primary RYGB in the MBSAQIP 2015-2021” 2024 Scientific Session of the Society of American Gastrointestinal and Endoscopic Surgeons (SAGES), Cleveland, USA, 17–20 April 2024: Posters. *Surg Endosc* 38 (Suppl 1), 181 (2024). <https://doi.org/10.1007/s00464-024-10893-w>

**Kachmar M.**, Albaugh VL. Metabolic Surgery: The Sooner the Better for Long-Term Success? *Obesity*. Published online 2024. doi:10.1002/oby.24054

Corpodean F., **Kachmar M.**, Adepoju L., Danos D., Cook M., Schauer PR., Albaugh VL. Insurance Payer Status and Risk of Major Adverse Cardiovascular and Cerebrovascular Events after Metabolic & Bariatric Surgery. *Surg Obes Relat Dis*. Published online 2024.  
doi:10.1016/j.soard.2024.04.017

**Kachmar, M.**, Soliman, I., Mason, N., Sandifer, C., Papachristou, C., Goldstein, A., Fakulujo, A., Balsama, L., & Neff, M. “Bariatric Surgery in the Elderly Population: A Multi-surgeon, Single-institution Retrospective Review.” *JSLS : Journal of the Society of Laparoscopic & Robotic Surgeons* vol. 27,3 (2023): e2023.00028. doi:10.4293/JSLS.2023.00028.

**Kachmar, M.**, Soliman, I., Magallanes-Montone, J., Dong, K., Rardin, J., Goldstein, A., Fakulujo, A., Balsama, L., & Neff, M. (2023). A320 A retrospective single center multi surgeon experience on the adjuvant use of semaglutide as an AOM in post MBS-patients. *Surgery for Obesity and Related Diseases: Official Journal of the American Society for Bariatric Surgery*, 19(6), S101. <https://doi.org/10.1016/j.soard.2023.04.296>

Calatroni, R., **Kachmar, M.**, & Katz, D. (2022). Rare giant adrenal cyst in pediatric patient. *Journal of Pediatric Surgery Case Reports*, 102512, 102512.  
<https://doi.org/10.1016/j.epsc.2022.102512>

**Kachmar M**, Mason N, Sandifer C, Goldstein A, Fakulujo A, Neff M, Balsama L. A224 Bariatric surgery in the elderly population: A multi-surgeon single institution retrospective review. (2022). *Surgery for Obesity and Related Diseases: Official Journal of the American Society for Bariatric Surgery*, 18(8), S74. <https://doi.org/10.1016/j.soard.2022.06.238>

**Kachmar M**, Piazza SJ, Bader DA. Comparison of Growth Plate Violations for Transtibial and Anteromedial Surgical Techniques in Simulated Adolescent Anterior Cruciate Ligament Reconstruction. *The American Journal of Sports Medicine*. 2016;44(2):417-424.  
doi:10.1177/0363546515619624.



**Kachmar MC**, Piazza SJ, Bader DA. Effect of Surgical Technique on Growth-Plate Violation in Simulated Adolescent ACL Reconstruction. *Orthopaedic Journal of Sports Medicine*. 2014;2(7\_suppl2):2325967114S0011. doi:10.1177/2325967114S00110.

Bartlow AW, **Kachmar M**, Lichti N, Swihart RK, Stratford JA, Steele MA. Does multiple seed loading in Blue Jays result in selective dispersal of smaller acorns? *Integrative Zoology*. 2011;6(3):235-243. doi:10.1111/j.1749-4877.2011.00254.x.

## **BOOK CHAPTERS**

Corpodean F., **Kachmar M.**, Albaugh V., Schauer, P. (2024). Foundations of Bariatric Surgery. In: Ghanem, O.M., Husain, F., Chen, J.Y., Lim, R.B., Kroh, M. (eds) The SAGES Manual of Metabolic and Bariatric Surgery. Springer, Cham. [https://doi.org/10.1007/978-3-031-72309-4\\_2](https://doi.org/10.1007/978-3-031-72309-4_2)

**Kachmar M**, Schauer PR, Aminian A, Albaugh VL. How the Sleeve Works (Metabolically). In: The Perfect Sleeve Gastrectomy: A Clinical Guide to Evaluation, Treatment, and Techniques. 2nd Edition. Eds. Gagner M., Cardoso A., Palermo M., Noel P., Nocca D. Springer International Publishing, 2025. *Pre-Publication*

## **OTHER PUBLICATIONS**

**Kachmar M**, Albaugh VL, Schauer PR. High BMI Pediatric Obesity Reflects Known Adult Trends in the US; comment on “Prevalence of Extremely Severe Obesity and Metabolic Dysfunction Among US Children and Adolescents.” JAMA Network Open. Published online: August 19, 2025. Available: [https://jamanetwork.com/journals/jamanetworkopen/fullarticle/2836424#article\\_comments](https://jamanetwork.com/journals/jamanetworkopen/fullarticle/2836424#article_comments)

## **PODIUM PRESENTATIONS**

**Kachmar M**, Corpodean F, Galvani C, Cook M, Danos D, Hughe D, Schauer PR, Albaugh VL. High BMI Patients Are Receiving Disproportionately Less Surgical Care Over Time Despite Population Growth: Analysis of the NSQIP (2005-2022). ASMBS Annual Meeting 2025, National Harbor, MD. Presented June 15–19, 2025.

**Kachmar M**, Corpodean F, Galvani C, Cook M, Efshat MA, Lyons J, Schauer PR, Albaugh VL. High BMI is Associated with Decreased Access to Oncologic Surgical Care: Analysis of the NSQIP (2005-2022). ASMBS Annual Meeting 2025, National Harbor, MD. Presented June 15–19, 2025

**Kachmar M**, Doiron JE, Corpodean F, Danos DM, Galvani C, Cook MW, Schauer PR, Albaugh VL. "Identifying Risk Factors for Multiple Readmissions After Metabolic Surgery: A Comprehensive Analysis to Optimize Same-Day Discharge Protocols." SAGES Annual Meeting 2025. Long Beach, CA. Published March 12, 2025. Presented March 12, 2025.

Corpodean F, **Kachmar M**, Schauer PR, Albaugh VL, Cook M. “How Does Payor Status Shape Postoperative Resource Utilization In Metabolic Surgery? - A Multi-institutional Study.” ACS Clinical Congress Annual Meeting 2024. San Diego, CA. Presented October 19-22, 2024.

**Kachmar M**, Corpodean F, Popiv I, LaPenna KB, Lenhart D, Danos DM, Cook MW, Albaugh VL, Schauer PR. “Multi-Modal Anti-Obesity Medication May Yield Superior Preoperative Weight Loss in High Risk Patients with BMI  $\geq 70$ ” ASMBS Annual Meeting 2024. San Diego,

CA. Published June 9, 2024. Presented June 13, 2024.

Schauer TH, **Kachmar M**, Corpodean F, Popiv I, Lenhart D, Danos DM, Cook M, Albaugh VL, Schauer PR. “Early Bowel Obstruction Remains Uncommon: A Rare Events Model of the MBSAQIP from 2015-2021” ASMBS Annual Meeting 2024. San Diego, CA. Published June 9, 2024. Presented June 12, 2024.

Corpodean F, **Kachmar M**, Danos DM, Cook M, Schauer PR, Albaugh VL. “Survival Crossroads: Unveiling the Impact of Progressive Chronic Kidney Disease Stage on Post Operative Outcomes in Metabolic Surgery—A Propensity Matched Analysis” ASMBS Annual Meeting 2024. San Diego, CA. Published June 9, 2024. Presented June 11, 2024.

Corpodean F, **Kachmar M**, Adepoju L, Danos DM, Cook M, Schauer PR, Albaugh VL. “Insights into Post-Surgical Risks: Exploring the Relationship Between Insurance Payer Status and Major Adverse Cardiovascular and Cerebrovascular Events in Metabolic Surgery.” Published June 9, 2024. Presented June 11, 2024.

Corpodean F, **Kachmar M**, Danos DM, Schauer PR, Albaugh VL. “Propensity-matched analysis between patients with CKD and without CKD undergoing either VSG or RYGB using the 2017-2021 MBSAQIP database” New Orleans, LA, Louisiana American College of Surgeons, April 2024.

**Kachmar M**, Piazza SJ, Bader DA. “Effect of Surgical Technique on Growth Plate Violation in Simulated Adolescent ACL Reconstructions” Midwest American Society of Biomechanics Regional Meeting, Akron, OH, March 2014

## **POSTER PRESENTATIONS**

**Kachmar M**, Corpodean F, Cook M, Schauer P, Albaugh V. Massive Hepatomegaly and Undiagnosed Polycystic Liver Disease at the time of Laparoscopic Sleeve Gastrectomy. ASMBS Annual Meeting 2025, National Harbor, MD. Presented June 15–19, 2025.

Corpodean F, **Kachmar M**, Cook M, Schauer PR, Albaugh VL. Impact of Preoperative Heart Failure on Postoperative Outcomes in Bariatric Surgery: Lessons from the 2023 MBSAQIP Database. ASMBS Annual Meeting 2025, National Harbor, MD. Presented June 15–19, 2025.

Corpodean F, **Kachmar M**, Teklu Y, Cook M, Schauer PR, Albaugh VL. Impact of Preoperative Liver Disease on Postoperative Outcomes in Bariatric Surgery: Lessons from the 2023 MBSAQIP Database. ASMBS Annual Meeting 2025, National Harbor, MD. Presented June 15–19, 2025.

Corpodean F, **Kachmar M**, Schauer PR, Albaugh VL, Cook M. Going the distance: Impact of Travel Distance of Postoperative Outcomes following Metabolic and Bariatric Surgery. ASMBS Annual Meeting 2025, National Harbor, MD. Presented June 15–19, 2025.

Corpodean F, **Kachmar M**, Cook M, Albaugh VL, Schauer PR. Heart Failure is a Key Predictor of Postoperative Thromboembolic Risk in Bariatric Surgery Patients. ASMBS Annual Meeting 2025, National Harbor, MD. Presented June 15–19, 2025.

**Kachmar M**, Jordan E, Corpodean F, Galvani C, Hechenbleikner E, Schauer PR, Albaugh VL, Cook M, Shin TH. GERD as a Risk Factor for Postoperative Complications in the MBSAQIP Registry: Implications for Preoperative Evaluation. ASMBS Annual Meeting 2025, National Harbor, MD. Presented June 15–19, 2025.

Corpodean F, **Kachmar M**, Danos D, Cook M, Schauer PR, Albaugh VL. Association of Preoperative Glycemic Control with Postoperative Outcomes in Sleeve Gastrectomy and Gastric Bypass: Analysis of the 2017-2022 MBSAQIP Database. ASMBS Annual Meeting 2025, National Harbor, MD. Presented June 15–19, 2025.

Bunch H, Corpodean F, **Kachmar M**, Albaugh VL, Schauer PR, Hanipah ZN. Postoperative Nutrient Deficiencies in Metabolic Surgery: A 3-Year Follow-up of Distal RYGB and SADI/BPD Patients. ASMBS Annual Meeting 2025, National Harbor, MD. Presented June 15–19, 2025.

Corpodean F, **Kachmar M**, Lowe A, Albaugh VL. 1274: Detection of Autonomic Nervous System Changes During Duodenal Glucose Infusion in Humans: A Pilot Study. *Gastroenterology*. 2025;169(1):S-1978. doi:10.1016/s0016-5085(25)05473-3

Corpodean F, Naseri M, **Kachmar M**, Amant JS, T. O, Albaugh VL. Tu1468: Roux-En-Y Gastric Bypass Is Associated with Increased Intestinal Glucose Uptake in Humans. *Gastroenterology*. 2025;169(1):S-2066. doi:10.1016/s0016-5085(25)05679-3

**Digestive Disease Week (DDW) 2025**, Washington, DC. Published May 2025 in *Gastroenterology*, Volume 169, Issue 1 (Supplement). Presented May 3–6, 2025.

**Kachmar M**, Petcka NL, Li K, Corpodean F, Schauer PR, Albaugh VL, Shin TH, Hechenbleikner EM. "National Trends in Revisional Bariatric Surgery: Eight-Year Analysis of the MBSAQIP Registry (2015-2022)." SAGES Annual Meeting 2025. Long Beach, CA. Published March 12, 2025. Presented March 12-15, 2025.

**Kachmar M**, Wall-Wieler E, Liu Y, Zheng F, Singh P, Albaugh VL. Metabolic Surgery Dramatically Reduces PAP Device Use: A Matched Cohort Study on Sleep Apnea. ObesityWeek 2024. San Antonio, TX. Published November 3, 2024. Presented November 3, 2024.

**Kachmar M**, Corpodean F, LaChute C, Popiv I, Cook MW, Albaugh VL, Aminian A, Moraes D, Tang WH, Schauer PR. "Heart Failure Patients Undergoing Metabolic Surgery Reduce Oral Diuretic Use, Improve Body Weight, and Diabetes Control: A Retrospective Study" ASMBS Annual Meeting 2024. San Diego, CA. Published June 9, 2024. Presented June 12, 2024.

Corpodean F, **Kachmar M**, Danos DM, Cook MW, Schauer PR, Albaugh VL. "Unveiling Financial Impact: How Payor Status Shapes Postoperative Resource Utilization in Metabolic Surgery" ASMBS Annual Meeting 2024. San Diego, CA. Published June 9, 2024. Presented June 12, 2024.

Lenhart D, Corpodean F, **Kachmar M**, Schauer PR, Albaugh VL, Cook MW. "Robotic Heller Myotomy with Roux-En-Y Gastric Bypass" ASMBS Annual Meeting 2024. San Diego, CA. Published June 9, 2024. Presented June 12, 2024.

**Kachmar M**, Corpodean F, Popiv I, Cook MW, Schauer PR, Newton RL, Albaugh VL. “Deprivation Indices Contrast by Payer Status Suggesting Disparities in Access to Care” ASMBS Annual Meeting 2024. San Diego, CA. Published June 9, 2024. Presented June 11, 2024.

**Kachmar M**, Corpodean F, Cook MW, Schauer PR, Albaugh VL. “Patient Preferences for Metabolic Surgery: Does BMI and Operative Surgeon Make a Difference?” ASMBS Annual Meeting 2024. San Diego, CA. Published June 9, 2024. Presented June 11, 2024.

Corpodean F, **Kachmar M**, Saqer S, Popiv I, Lenhart D, Lovelace J, Cook M, Albaugh VL, Schauer PR. “Charting Progress: A Decade Survey of Influential Literature in Metabolic Surgery” ASMBS Annual Meeting 2024. San Diego, CA. Published June 9, 2024. Presented June 11, 2024.

**Kachmar M**, Corpodean F, Popiv I, Lenhart D, Danos DM, Cook MW, Schauer PR, Albaugh VL. “A Rare Events Model - Conversion Sleeve to Roux-en-Y Gastric Bypass is Associated with Increased Early Marginal Ulceration: A 2020-2021 MBSAQIP Analysis” ASMBS Annual Meeting 2024. San Diego, CA. Published June 9, 2024. Presented June 11, 2024.

**Kachmar M**, Corpodean F, Danos DM, Cook MW, Schauer PR, Albaugh VL. “Patient Characteristics Drive Risk and Intensity of Reoperation, Readmission, and Intervention: A Zero-inflated Poisson Model Using Inpatient Post Operative Care Data from the MBSAQIP” ASMBS Annual Meeting 2024. San Diego, CA. Published June 9, 2024. Presented June 11, 2024.

Corpodean F, **Kachmar M**, Danos DM, Schauer PR, Albaugh VL. “Operating at the Extreme: A Multi-Center Experience on the Safety and Efficacy of Metabolic Surgery at BMI  $\geq 70$ ” ASMBS Annual Meeting 2024. San Diego, CA. Published June 9, 2024. Presented June 11, 2024.

**Kachmar M**, Corpodean F, Danos DM, Cook MD, Schauer PR, Albaugh VL. “Understanding A Rare Event: Early Marginal Ulceration after Primary RYGB in the MBSAQIP 2015-2021” SAGES 2024 Annual Meeting. Cleveland, OH. Published April 17, 2024. Presented April 17-20, 2024.

**Kachmar, M.**, Soliman, I., Magallanes-Montone, J., Dong, K., Rardin, J., Goldstein, A., Fakulujo, A., Balsama, L., & Neff, M. (2023). A320 A retrospective single center multi surgeon experience on the adjuvant use of semaglutide as an AOM in post MBS-patients. ASMBS Annual Meeting 2023. Las Vegas, NV. Published June 27, 2023. Presented June 28, 2023.

Park, D., Belkadi, A., Perry, L., **Kachmar, M.**, & Graves, H. (2023). Dislodged Endovascular Heat-Induced Thrombus Resulting in Pulmonary Embolus Following Post-Operative Ultrasound Compression. Rowan University School of Osteopathic Medicine 2023 Research Day, Stratford, NJ. Presented May 4, 2023.

**Kachmar M**, Mason N, Sandifer C, et al. Bariatric Surgery in the Elderly Population: A Multi-Surgeon Single Institution Retrospective Review. ASMBS Annual Meeting 2022. Dallas, TX. Published June 7, 2022. Presented June 8, 2022.

Tran N, Coscia M, **Kachmar M**, Gallo S, Greenawald L. “Benign Uterine Fibroid Leading to Perforation of the Cecum: A Case Report” Rowan University School of Osteopathic Medicine

2019 Research Day, Stratford, NJ May 2019. Presented May 2, 2019.

**Kachmar M**, Piazza SJ, Bader DA. “A Model-Based Investigation: The Influence of Surgical Technique on Growth Plate Disruption in Adolescent ACL Reconstructions.” Penn State's 2013 Undergraduate Exhibition, University Park, PA April 2013

Bartlow AW, **Kachmar M**, Lichti N, Swihart RK, Steele MA. “Does multiple prey loading in blue jays result in selective dispersal of smaller acorns?” Ecological Society of America's 95th Annual Meeting, Pittsburg, PA August 2010

## **PRESS MENTIONS**

*United States sees disproportionate increase in body mass index rates of more than 60*  
Science Daily • Apr 28th, 2025  
[<https://www.sciencedaily.com/releases/2025/04/250428221234.htm>]

*US adults with BMI >60 kg/m2 increases by 210% in 20 years*  
Bariatric News • Apr 27th, 2025  
[<https://www.bariatricnews.net/post/us-adults-with-bmi-60-kg-m2-increases-by-210-in-20-years>]

*Metabolic surgery cuts diuretic dependence in heart failure patients*  
News Medical • Nov 13th, 2024  
[<https://www.news-medical.net/news/20241107/Metabolic-surgery-cuts-diuretic-dependence-in-heart-failure-patients.aspx>]

*Weight-loss surgery appears to benefit patients with heart failure, obesity*  
Healio • July 23rd, 2024  
[<https://www.healio.com/news/cardiology/20240723/weightloss-surgery-appears-to-benefit-patients-with-heart-failure-obesity>]

*Researchers Say Multimodal Antiobesity Medications Yield Superior Preoperative Weight Loss*  
Health Reporter • June 19th, 2024  
[<https://health-reporter.news/researchers-say-multimodal-antiobesity-medications-yield-superior-preoperative-weight-loss/>]

*Multimodal Antiobesity Medications Yield Superior Preoperative Weight Loss*  
Physician's Weekly • June 19th, 2024  
[<https://health-reporter.news/researchers-say-multimodal-antiobesity-medications-yield-superior-preoperative-weight-loss/>]

## **PEER REVIEW**

Journal: Surgery for Obesity and Related Diseases; Role: Reviewer  
Year(s): 2024, 2025  
ISSN: 1550-7289

Journal: BMC Gastroenterology; Role: Reviewer  
Year(s): 2025  
ISSN: 1471-230X

Journal: Wellcome Open Research; Role: Reviewer  
 Year(s): 2024  
 ISSN: 2398-502X

### **INVITED PRESENTATIONS / TALKS**

LOS & LA-ASMBS Louisiana Obesity Conference 2024  
*Stump the Professors: The Very High BMI Patient*  
 10 Aug 2024

Work in Progress Presentation – Pennington Biomedical Research Center  
*Very High BMI (60 & 70+): Access to Operative Care, Pre-Operative Treatment, and National Trends*  
 16 July 2024

Surgical Grand Rounds – Jefferson Washington Township Hospital  
*Obesity & the High BMI Patient*  
 20 Aug 2025

### **ONGOING SCHOLARLY ACTIVITIES**

**Kachmar M**, Garcia-Navas H, Corpodean F, Cook MW, Albaugh VL, Schauer PR. “Belly Flop! Symptomatic Displacement of Remnant Stomach One Year after Sleeve to Gastric Bypass Conversion: A Case Report”  
*Abstract Accepted*  
 Louisiana State University - Baton Rouge, LA  
*First-author*  
 Design and Methods: Video Case Report  
 Target Publication: ASMBS Presentation & Case Report

**Kachmar M**, Jordan E, Corpodean F, Galvani C, Hechenbleikner E, Albaugh VL, Schauer PR, Cook MW, Shin TH. “GERD as a Risk Factor for Postoperative Complications in the MBSAQIP Registry: Implications for Preoperative Evaluation”  
*Abstract Accepted*  
 Louisiana State University / Emory Health / UVA Health  
*First-author*  
 Design and Methods: Retrospective Review of National Database  
 Target Publication: ASMBS Presentation & Manuscript

**Kachmar M**, Corpodean F, Galvani C, Cook MW, Al Efishat M, Lyons J, Schauer PR, Albaugh VL. “High BMI is Associated with Decreased Access to Oncologic Surgical Care: Analysis of the NSQIP (2005-2022)”  
*Abstract Accepted*  
 Louisiana State University - Baton Rouge, LA  
*First-author*  
 Design and Methods: Retrospective Review of National Database  
 Target Publication: ASMBS Presentation & Manuscript

**Kachmar M**, Corpodean F, Galvani C, Cook MW, Danos D, Hughes D, Schauer PR, Albaugh

**VL.** “High BMI Patients Are Receiving Disproportionately Less Surgical Care Over Time Despite Population Growth: Analysis of the NSQIP (2005-2022)”

*Abstract Accepted*

Louisiana State University - Baton Rouge, LA

*First-author*

Design and Methods: Retrospective Review of National Database

Target Publication: ASMBS Presentation & Manuscript

**Kachmar M,** Corpodean F, Teklu Y, Cook MW, Schauer PR, Albaugh VL. “Massive Hepatomegaly and Undiagnosed Polycystic Liver Disease at the time of Laparoscopic Sleeve Gastrectomy”

*Abstract Accepted*

Louisiana State University - Baton Rouge, LA

*First-author*

Design and Methods: Video Case Report

Target Publication: ASMBS Presentation

**Kachmar M,** Corpodean F, Teklu Y, Nor Hanipah Z, Galvani C, Cook MW, Danos D, Albaugh VL, Schauer PR. “Preoperative BMI Reduction Reduces LOS and May Reduce Serious Complications in High BMI Groups”

*Abstract Accepted*

Louisiana State University - Baton Rouge, LA

*First-author*

Design and Methods: Retrospective Review of National Database

Target Publication: ASMBS Presentation & Manuscript

**Kachmar M,** Corpodean F, Popiv I, LaPenna KB, Lenhart D, Danos DM, Cook MW, Saunders B, Domercant J, Albaugh VL, Schauer PR. “Multi-Modal Neo-Adjuvant AOMs May Be More Effective than GLP-1s Alone in BMI  $\geq 70$  Metabolic Surgery”

*Manuscript Under Review*

Louisiana State University - Baton Rouge, LA

*First-author*

Design and Methods: Retrospective Review of National Database

Target Publication: International Journal of Obesity

**Kachmar M,** Corpodean F, Danos DM, Cook MW, Schauer PR, Albaugh VL. “Identifying Patients at Increase Risk of Poly Re-Admission in the Immediate Post-Operative Period”

*Abstract Submitted & Manuscript in Preparation*

Louisiana State University - Baton Rouge, LA

*Co-author*

Design and Methods: Retrospective Review of National Database

Target Publication: Surgical Endoscopy

**Kachmar M,** Petcka NL, Li K, Corpodean F, Schauer PR, Albaugh VL, Jordan E, Shin TH, Hechenbleikner EM. “National Trends In Revisional Bariatric Surgery: Eight-Year Analysis Of The MBSAQIP Registry (2015-2022)”

Louisiana State University - Baton Rouge, LA

Emory University School of Medicine, Atlanta, GA

University of Virginia School of Medicine, Charlottesville, VA

*Co-author*

Design and Methods: Retrospective Review of National Database

Target Publication: SAGES 2025 Presentation and Peer-Reviewed Manuscript

Corpodean F, **Kachmar M**, Saqer S, Popiv I, Lenhart D, Lovelace J, Cook M, Albaugh VL, Schauer PR. “A Ten-Year Update: Bibliometric Analysis of Top 100 Papers in Metabolic and Bariatric Surgery” *Manuscript in Preparation*

Louisiana State University - Baton Rouge, LA

*Co-author*

Design and Methods: Bibliometric Analysis

Target Publication: Obesity Surgery

**Kachmar M**, Corpodean F, Popiv I, Cook MW, Schauer PR, Newton RL, Albaugh VL.

“Understanding Social and Environmental Hurdles in Metabolic Surgery: National and State Area Deprivation Indices Contrast by Payer Status - Single Institution Experience from 2019-2023”

*Manuscript in Preparation*

Louisiana State University - Baton Rouge, LA

*First-author*

Design and Methods: Retrospective Review of Single Institution

Target Publication: SOARD

**Kachmar M**, Corpodean F, Albaugh VL. “Is it time to ensure Quality Improvement in the Methodological Analyses of our Surgical Quality Improvement Databases? Lessons learned through the review of published manuscripts utilizing the MBSAQIP.” *Manuscript in Preparation*

Louisiana State University - Baton Rouge, LA

*Primary Investigator*

Design and Methods: Literature Review

Target Publication: National Presentation and Peer Review Manuscript Submission

**Kachmar M**, Corpodean F, Popiv I, Danos DM, Schauer PR, Albaugh VL. “Prevalence of Early Marginal Ulcer in Sleeve to Bypass Conversions: An Analysis of the 2020-2021 MBSAQIP”

*Manuscript in Preparation*

Louisiana State University - Baton Rouge, LA

*Co-author*

Design and Methods: Retrospective Review of National Database

Target Publication: SOARD

**Kachmar M**, Schauer TH, Corpodean F, Ghosh S, Townsend RL, Spence AE, Schauer PR, Albaugh V. “Lessons learned from an analysis of healthy small bowel mucosa RNA-Seq: Three Distinct Organs”

*Manuscript in Preparation*

Louisiana State University - Baton Rouge, LA

*First-author*

Design and Methods: Basic Science Prospective Exploratory Analysis of RNASeq Data

Target Publication: National Presentation and Peer-Review Manuscript Submission



**Kachmar M**, Schauer TH, Corpodean F, Ghosh S, Townsend RL, Spence AE, Schauer PR, Albaugh V. “Alterations of mRNA expression in Small Bowel Mucosa following Metabolic and Bariatric Surgery” *Manuscript in Preparation*  
Louisiana State University - Baton Rouge, LA

*First-author*

Design and Methods: Basic Science Prospective Intervention and Analysis of RNASeq Data  
Target Publication: National Presentation and Peer-Review Manuscript Submission

**Kachmar, M.**, Soliman, I., Magallanes-Montone, J., Dong, K., Rardin, J., Goldstein, A., Fakulujo, A., Balsama, L., & Neff, M. (2023). “A Retrospective Single Center Multi Surgeon Experience on the Adjuvant Use Of Semaglutide as an AOM in Post MBS-Patients.” *Manuscript in Preparation*

Jefferson Health New Jersey - Stratford, NJ

*Primary Investigator*

Design and Methods: Single Institution Retrospective Review

Target Publication: ASMBS Abstract, SOARD

Rosenberg M, Perry L, **Kachmar M**, Callender G “HELLP! We Need Somebody! A Spontaneous Liver Laceration in Twin Pregnancy Complicated by HELLP Syndrome”  
*Report in Preparation*

Inspira Health Network - Vineland, NJ

*Co-author*

Design and Methods: Case Report with Literature Review

Target Publication: Southeastern Surgical Congress / The American Surgeon

Park, D., Belkadi, A., Perry, L., **Kachmar, M.**, & Graves, H. Dislodged Endovascular Heat-Induced Thrombus Resulting in Pulmonary Embolus Following Post-Operative Ultrasound Compression. *Report in Preparation*

Inspira Health Network - Vineland, NJ

*Co-author*

Design and Methods: Case Report with Literature Review

Target Publication: Vascular Case Report Journal

## **CURRENT FUNDING**

SAGES General Research Grant – April 2024 -Present – \$30,000

*Identifying Transcriptomic Changes of Major Glucose Utilizing Organs - Liver and Adipose – in a Murine Model of MBS to Better Elucidate Downstream Targets for the Optimal Treatment of Obesity*

## **PRIOR AWARDS AND RESEARCH SUPPORT**

Noll Underhill Marie Research Grant - 2011

Special Research Grant – Schreyer Honors College 2011

Mary Boyle Weaver and Rebecca Sutherland Scholarship – 2010, 2011

College of Health and Human Development Special Honors Scholarship – 2010

Schreyer Honors College Academic Excellence Scholarship – 2010, 2011, 2012, 2013

2014 Current Orthopaedic Practice’s Top Ten Poster Pick at AOSSM – 2014

SOM Dean's Award, Rowan School of Osteopathic Medicine, Stratford, NJ – 2014

### **OTHER EDUCATION AND PROFESSIONAL TRAINING:**

*ASMBS START Fellowship Course* – April 2025 – Intuitive Surgical, Inc., Peachtree Corners, GA  
Hands-on course and expert-led wet lab designed to advance robotic bariatric surgery skills in senior trainees. Focus areas included robotic stapled and hand-sewn gastrointestinal anastomoses, as well as advanced sleeve gastrectomy techniques such as foreign body retrieval in stapled cases. Participants trained under national leaders in the field with emphasis on port placement, docking strategies, troubleshooting, and safe execution of complex procedures. Didactics attended monthly throughout 2024-2025 AY year.

*Obesity II: Comorbidities & Treatment* – 2025 Fall Semester – Louisiana State University, Baton Rouge, LA  
Graduate level course/ lecture series held at the Pennington Biomedical Research Center to review the complex disease of obesity, understand the impact of obesity on other health conditions, diseases and all-cause mortality and understand the effect of obesity on special populations. The current advances in obesity prevention and treatment efforts will also be reviewed.

*Obesity I: Biology, Brain, and Behavior* – 2024 Fall Semester – Louisiana State University, Baton Rouge, LA  
Graduate level course/ lecture series held at the Pennington Biomedical Research Center exploring the etiology and complexity of obesity as a disease, then to identify the pathophysiology on the cellular to the systems levels, and finally, to explore the interaction that behavior, biology, and the environment have on one another in regard to obesity

*SAGES Robotics Resident Courses* - May 2023 - Intuitive Surgical, Inc., Peachtree Corners, GA  
Lecture course and wet lap focused to advance the skills of general surgery residents in their finishing years with robotic MIS techniques using KindHeart models (patient positioning, instrument options, port placement and docking, anatomy review, procedure review, best practices and advanced techniques, energy control, tissue dissection, suturing techniques, troubleshooting: emergency procedures, fault recognition)

*KINES 588: Scientific Writing in Kinesiology* – 2014 Spring Semester – PSU, University Park, PA  
Course is intended to assist graduate students in writing grant proposals, abstracts, and manuscripts, as well as preparing effective presentations in their respective scientific field of study within the discipline of Kinesiology

*KINES 530: Experimental Design and Methodology* – 2013 Spring Semester - PSU, University Park, PA  
Research techniques, including methods, research design, techniques for data collection, as applied to relevant problems in Kinesiology.

### **OTHER WORK EXPERIENCE**

2015 – 2018 **Rowan SOM Center for Teaching and Learning**, Stratford, NJ

#### *Tutor*

Provide tutoring and mentoring to first- and second-year medical students in the areas of Physiology, Osteopathic Manipulative Medicine, Pharmacology, Clinical Medicine, Histology, Microbiology, and Anatomy.

- 2013 (Fall) **KINES 345 - Meaning, Ethics and Movement**, Penn State University - University Park, PA  
*Teaching Assistant*  
 Worked closely with Dr. Kretchmar and students to facilitate group work during lecture time. Held office hours / study sessions to review material with students. Completed administrative tasks regarding course.  
 Provided lecture format presentations to course with 300+ students
- 2011 – 2014 **BIOL 142 - Physiology Laboratory**, Penn State University - University Park, PA  
*Teaching Assistant, Laboratory Coordinator (Spring 2014)*  
 Developed and presented twenty-minute lectures on physiological topics covered in lab. Demonstrated laboratory procedures and methods. Provided hands on instruction to students during lab time and reinforcement of course material during office hours. Administered and graded tests and writing assignments. Led set-up and tear down of weekly laboratory equipment. Stocked labs with relevant supplies throughout semester. Maintained live animal supply room throughout semester. Interviewed potential candidates for teaching assistant positions.
- 2010 – 2018 **Orthopedic Surgical Technique Modeling and Optimization**  
*Research Associate*  
 Department of Kinesiology, The Pennsylvania State University, University Park, PA  
 Department of Orthopaedics & Rehabilitation, The Pennsylvania State University, Hershey, PA  
 Mentors: Stephen J Piazza PhD, Dov A Bader MD  
 Collaborate on generation of new research topics. Maintain CAD based virtual surgical environment. Construct a growing library of image-based 3D joint models. Develop novel reporting metrics. Author and edit abstracts, poster and podium presentations, & manuscripts. Collect and analyze data. Provide mentorship to engineering undergraduates utilizing my dataset for expansions with 3D printing.
- 2009 – 2011 **Plant-Herbivore Interaction Lab** - Biology Department, Wilkes University, Wilkes-Barre, PA  
*Research Assistant*  
 Mentor: Michael A Steele PhD  
 Handled data collection for large ongoing field studies in the areas of population dynamics, and seed dispersal. Devised small-scale empirical investigations for use in protocol development. Received formal training in GPS and radio telemetry data collection techniques. Edited manuscripts. Presented research at national conference.
- 2008 – 2010 **Personal Trainer / Strength and Conditioning Coach**, Plains, PA  
 Developed and implemented training regimens for high school and collegiate level athletes. Instructed clients on proper exercise technique and nutrition. Managed an evolving client base and designed large group / team based fitness sessions for clients of all levels. Worked with physical therapists to provide an extension of their services during the rehabilitation process.

## **PROFESSIONAL AFFILIATIONS**

- American Society for Metabolic and Bariatric Surgery – Candidate Member
- Research Committee Member – 2023 to present
- Society of American Gastrointestinal and Endoscopic Surgeons – Candidate Member
- Metabolic & Bariatric Surgery Committee Member – 2024 to present

American College of Surgeons – Resident Member  
The Obesity Society – Member  
Southeastern Surgical Congress - Member  
Louisiana Obesity Society  
American Osteopathic Association  
American Medical Association  
Phi Kappa Phi – Honor Society  
Phi Eta Sigma – Honor Society  
Beta Theta Pi – Alpha Upsilon  
The Pennsylvania State University Alumni Association

**INTERESTS**

Exercise, Weightlifting, College Football, Research, Technology, Cooking