

Curriculum Vitae

Vance L. Albaugh, MD, PhD

Assistant Professor of Metabolic Surgery

Address/Contact

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Education

Undergraduate 1999 – 2003
Coastal Carolina University; Conway, South Carolina
B.S., Biology *magna cum laude*, Chemistry minor

Medical/Graduate 2003 – 2011
Medical Scientist Training Program, Penn State College of Medicine; Hershey, Pennsylvania
M.D., Medicine, May 2011
USMLE Step 1: 243 (99) Pass, July 2007
USMLE Step 2: 255 (99) Pass, August 2010
USMLE Step 2CS: Pass, October 2010
USMLE Step 3: 231 Pass, November 2013

Ph.D., Physiology, Department of Cellular & Molecular Physiology, December 2009
Laboratory for the Study of Metabolic Disorders
Mentor: Christopher J. Lynch, PhD
Dissertation: *Mechanisms of the Metabolic Side Effects of Atypical Antipsychotic Drugs*
Available: <https://etda.libraries.psu.edu/catalog/10115>

Postgraduate Residency Training 2011 – 2019
Vanderbilt University Medical Center; Nashville, Tennessee
General Surgery Residency Program
Program Directors: John L. Tarpley, MD (2011 – 2014)
Kyla P. Terhune, MD, MBA (2014 – 2019)

Postdoctoral Research Training 2014 – 2017
Vanderbilt University School of Medicine; Nashville, Tennessee
Mentor: Naji N. Abumrad, MD
Project: *Mechanisms of Bile Acid Signaling and Metabolism following Gastric Bypass*,
National Institutes of Health, F32DK103474

Clinical Fellowship Training 2019 – 2020
Cleveland Clinic Foundation; Cleveland, Ohio
Bariatric & Metabolic Institute, Digestive Diseases & Surgery Institute
Advanced Laparoscopic & Bariatric Surgery
Program Director: Ali Aminian, MD, FASMBS

Licensure & Certification**Professional Licensure:**

- National Provider Number: 1124318761
- Diplomate, American Board of Surgery #065687, originally issued December 2019
- Focused Practice Designation in Metabolic & Bariatric Surgery, American Board of Surgery (April 2024)
- Diplomate, American Board of Obesity Medicine #89996746 (October 2024)
- Drug Enforcement Agency License Registration, originally issued June 2014 (expires 6/2026)
- Louisiana Medical License #324727 (expires 10/31/2025)
- Louisiana CDS License, CDS.059020-MD (expires 11/6/2025)
- Tennessee Medical License #51411, originally issued April 22, 2014 (retired 10/2020)
- Ohio Medical License, #35.135522, originally issued February 2019 (expired 7/2021)
- Medicare ID: H723620 (OH), 1H0451 (LA)
- Medicaid ID: 0351934 (OH), 2540076 (LA)

Certifications:

- Advanced Cardiovascular Life Support Certification, Exp 11/2025
- Advanced Trauma & Life Support Certification, Exp 6/2017
- Basic Life Support Certification, Exp 5/2021
- Certified Instructor, Advanced Trauma & Life Support; American College of Surgeons, 7/2013
- Fundamental Use of Surgical Energy (FUSE®); SAGES, 4/2015
- FUSE® Certified Institutional Proctor; SAGES, 3/2016
- Advanced Surgical Skills for Exposure in Trauma (ASSET®); American College of Surgeons, 2/2017
- Fundamentals of Laparoscopic Surgery (FLS®); SAGES, 6/2017
- Stop the Bleed®, Bleeding Control Basic Certification; American College of Surgeons, 3/2018
- Fundamentals of Endoscopic Surgery (FES®); SAGES, 3/2018
- American Board of Surgery Qualifying Examination, 7/2019
- American Board of Surgery Certifying Examination, 12/2019; Recertified 12/2022, 12/2024.
- Metabolic & Bariatric Surgical Fellowship Training Verification; American Society for Metabolic and Bariatric Surgery, 12/2020
- Fellow, American College of Surgeons (FACS), 10/2022
- Fellow, American Society for Metabolic and Bariatric Surgery (FASMBS), 10/2022
- MBSAQIP Verified Surgeon, Our Lady of the Lake Regional Medical Center and Our Lady of the Lake Ascension/Our Lady of the Lake St. Elizabeth's Hospital. Metabolic & Bariatric Surgery Quality Improvement Project; American College of Surgeons, 10/2023

Academic Appointments

2014 – 2017	NRSA Postdoctoral Fellow, Section of Surgical Sciences, Vanderbilt University Medical Center.
2015 – 2017	Manager, Bariatric Surgery Core. Mouse Metabolic Phenotyping Center, Vanderbilt University School of Medicine.
2016 – 2019	Associate College Advisor, Stahlman-Thomas College. Medical Scientist Training Program, Vanderbilt University School of Medicine.
2019 – 2020	Teaching Fellow, Cleveland Clinic Foundation Hospitals.
2020 – Present	Assistant Professor of Metabolic Surgery, Pennington Biomedical Research Center of Louisiana State University.
2020 – Present	Assistant Professor of Surgery, Department of Surgery, Louisiana State University Health Sciences Center School of Medicine.
2021 – Present	Assistant Professor of Biological Sciences, Department of Biological Sciences, Louisiana State University.

Hospital Appointments / Other Employment

2011 – 2019	Vanderbilt University Medical Center; Nashville, TN; Resident Physician
2014 – 2019	St. Thomas West Hospital; Nashville, TN; Independent Contracting Physician
2014 – 2019	Vanderbilt University Medical Center; Nashville, TN; Moonlighting Physician
2019 – 2020	Cleveland Clinic Foundation Hospitals; Cleveland, OH; Teaching Physician
2020 – Present	Pennington Biomedical Research Center, Baton Rouge, LA; Medical Staff
2020 – Present	Our Lady of the Lake Regional Medical Center, Our Lady of the Lake Ascension – St. Elizabeth's Hospital; Baton Rouge, LA; Faculty Physician
2021 – Present	Baton Rouge General Hospital, Baton Rouge, LA; Staff Surgeon
2021 – Present	2nd.MD, Educational Consultant, Obesity and Metabolic/Bariatric Surgery
2021 – Present	Woman's Hospital, Baton Rouge, LA; Staff Surgeon
2024 – Present	Consultant, Novo Nordisk – Obesity Therapeutics

Professional Organizations

Society of University Surgeons	2025 – Present
The Obesity Society.....	2006 – 2011, 2015 – Present
American College of Surgeons.....	2009 – Present
American Society for Metabolic & Bariatric Surgery	2012 – Present
Society for Surgery of the Alimentary Tract	2014 – Present
Society for the Study of Ingestive Behavior.....	2023 – Present
Association for Academic Surgery	2013 – Present
Southeastern Surgical Society	2024 – Present
Louisiana Bariatric Surgery Association	2023 – Present
Society of American Gastrointestinal & Endoscopic Surgeons	2013 – Present
American Medical Association	2005 – Present
American Physiological Society.....	2004 – 2011, 2020 – 2022
Southern Society for Clinical Investigation.....	2021 – 2022
American Diabetes Association.....	2006 – 2011

Professional Service

Editorial Boards:

- Surgery for Obesity and Related Diseases (*Elsevier, United States*)
 - Member, Editorial Board (2020-Present)
 - Associate Editor (2023-Present)

Ad hoc Peer Reviewer:

- Expert Review of Neurotherapeutics (2006)
- Experimental Biology & Medicine (2007)
- Psychiatry Research (2008)
- Journal of Clinical Endocrinology & Metabolism (2014, 2016)
- Hypertension (2016)
- Psychoneuroendocrinology (2018)
- Gastroenterology (2016, 2018, 2019)
- Cell Metabolism (2019)
- Journal of Clinical Medicine (2020)
- Nutrients (2020)
- Bioengineering (2020)
- Journal of Visualized Experiments (2017, 2021)
- Bariatric Surgical Practice & Patient Care (2020, 2021)
- American Journal of Physiology: Gastrointestinal and Liver Physiology (2021, 2022)

- Journal of Nutrition (2017, 2018, 2021, 2022)
- Communications Medicine (2022)
- European Journal of Pharmaceutics and Biopharmaceutics (2022)
- Annals of Surgery (2022)
- Diabetes, Obesity and Metabolism (2023)
- Medical Principles and Practice (2023)
- American Journal of Physiology: Endocrinology & Metabolism (2008, 2023)
- American Journal of Physiology: Regulatory, Integrative and Comparative Physiology (2023)
- Adipocyte (2023)
- Diabetology & Metabolic Syndrome (2023)
- Wellcome Open Research (2024)
- Journal of Surgical Research (2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2024)
- International Journal of Obesity (2017, 2018, 2023, 2024)
- Obesity (2021, 2022, 2023, 2024)
- eBioMedicine (2023, 2024)
- Case Reports in Surgery (2024)
- Journal of the American College of Surgeons (2024)
- Physiology & Behavior (2024)
- Scientific Reports (2020, 2024)
- Surgery for Obesity and Related Diseases (2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025)
- Obesity Surgery (2023, 2024, 2025)
- BMC Endocrine Disorders (2025)
- Nature Medicine (2025)
- Current Opinion in Neurobiology (2025)
- Science Translational Medicine (2024, 2025)
- JAMA Network Open (2024, 2025)
- Trends in Cardiovascular Medicine (2025)
- The Lancet Regional Health – Europe (2025)

Intramural Committees & Activities:

Medical/Graduate School (Penn State University College of Medicine)

- **Class Officer**, Medical Student Class of 2009, Committee for Undergraduate Medical Education (2006-07)
- **Member**, Institutional Review Board, Human Subjects Protection Office; Penn State College of Medicine (2007-2009)
- **President**, Student Assembly; Penn State College of Medicine (2007-2008)
- **Ad Hoc Member**, Circulation Review Committee, George T. Harrell Library; Penn State College of Medicine (2007-2009)
- **Junior Mentor**, Short-Term Education Program for Underrepresented Persons (STEP-UP); National Institute of Diabetes, Digestive and Kidney Diseases, Penn State College of Medicine (Summer 2008)
- **Student Senator**, Senate Committee on Research, Penn State College of Medicine Caucus; Penn State University Faculty Senate (2008-2009)
- **Chair**, LCME Medical Student Committee, LCME Re-Accreditation; Penn State College of Medicine (2008-2010)

Residency (Vanderbilt University School of Medicine)

- **Co-Chair**, Annual House Staff Research Forum; Vanderbilt University School of Medicine (2013-2016)
- **Member**, House Staff Advisory Council; Vanderbilt University School of Medicine (2014-2015)
- **Invited Panelist**, NRSA F32 Informational Panel, Vanderbilt Postdoctoral Association / Office of Postdoctoral Affairs; Vanderbilt University (November 2014)
- **Member**, Surgery House Staff Leadership Committee, Vanderbilt University Medical Center (2014-2017)
- **Panelist**, Residency Speed Dating for Junior Medical Students, Vanderbilt University School of Medicine (2017)

Fellowship (Cleveland Clinic Foundation)

- **Featured Physician**, *Meet a Bariatric Surgeon* on Cleveland Clinic Worldwide Classroom for High School Students. Cleveland Clinic Foundation (2019)

Faculty – Assistant Professor (Pennington Biomedical Research Center)

- **Co-Chair**, *Bariatric Surgery 101 for Primary Care Physicians*, 15th Annual Diabetes, Obesity, and Cardiovascular Disease Summit (DOCS), sponsored by Pennington Biomedical Research Center and Cleveland Clinic (2021).
- **Surgical Training Faculty**, LSU/Pennington Advanced Laparoscopic and Minimally Invasive Surgery/Bariatric Surgery Fellowship; The Fellowship Council (2021-Present)
- **Chair**, Complex Case Conference, Metamor Institute, Pennington Biomedical Research Center and Our Lady of the Lake Regional Medical Center (2021-Present).
- **Member**, Dr. Eugene Berry Scholarship for Surgical Education Committee (2022-Present).
- **Program Faculty**, Bray Obesity Science Symposium (BOSS), American Board of Obesity Medicine Review Course (2024-2025).
- **Expert Panelist**, *New Insights in Metabolic Surgery & Eating Behavior*, Metabolic Surgery Grand Rounds; Encore Medical Education (2022).
- **Presenter**, Pennington Biomedical Scientific Dinner: *From Cravings to Contentment: How Our Brain Decides What We Eat*. Pennington Biomedical Research Foundation (2024).
- **Panel Member**, *Role of GLP-1 Medications in Chronic Disease Management*. Faculty Retreat, Pennington Biomedical Research Center (2025)

Extramural Committees & Activities:**Medical/Graduate School (Penn State University College of Medicine)**

- **State Council Member**, Pennsylvania Chapter of the American College of Physicians (2007-2011)
- **North Central Region Representative** (Michigan, Ohio, Pennsylvania), Council of Student Members, American College of Physicians (2009-2011)
- **AMA House of Delegates Representative**, American Medical Association – Medical Student Section (2009-2011)

Residency (Vanderbilt University School of Medicine)

- **Faculty/Resident Judge**, American College of Surgeons Clinical Congress, Medical Student Program Scientific Poster Session (2013, 2014, 2015, 2016)
- **Resident Representative to the Executive Council**, Tennessee Chapter of the American College of Surgeons (2015-2017)
- **National Committee Member**, Mouse Metabolic Phenotyping Consortium; National Institutes of Diabetes and Digestive and Kidney Diseases (2016-2017)
- **Member**, Review Committee, Venture Well Early-Stage Innovator Grants (2017-2019)
- **Course Director and Session Curator/Organizer**, *Bile Acids and Obesity* – Obesity Week Joint Session, sponsored by The Obesity Society and the American Society for Metabolic and Bariatric Surgery, Nashville, TN (2018).
- **Grant Reviewer (Ad hoc)**, Micro Mouse Grant Program, National Institutes of Diabetes and Digestive and Kidney Diseases, National Institutes of Health (2017, 2018).

Fellowship (Cleveland Clinic Foundation)

- **Poster Session Chair**, 20th Annual Minimally Invasive Surgery Symposium; Las Vegas, NV (2020).

Faculty – Assistant Professor (Pennington Biomedical Research Center)

- **Member**, ASMBS Clinical Issues Committee (CIC). American Society for Metabolic and Bariatric Surgery (2022-Present).
- **Grant Reviewer**, Diabetes Research & Training Center Grant Program. Vanderbilt Diabetes Center (2022).
- **Member, Grant Review Panel**, Peer Reviewed Medical Research Program (PRMRP, FY22), United States Department of Defense.
- **Grant Reviewer (Ad hoc)**, Swiss National Science Foundation (2022, 2023).

- **Grant Reviewer (Ad hoc)**, NIH Study Section, ZNS1 SRB G(58) Special Emphasis Panel; National Institute of Neurological Disorders and Stroke (NINDS), National Institutes of Health (May 2023).
- **Section Editor**, “Physiology and Mechanisms of Action of Metabolic Surgery.” In Schauer, Rubino, Eckel, Dan (Eds.), *Textbook of Cardiometabolic Surgery*, 1st Edition. Philadelphia, PA: Elsevier.
- **Member**, ASMBS Access to Care Committee (ACC). American Society for Metabolic and Bariatric Surgery (2023-2025).
- **Representative**, Louisiana State Access to Care Committee, American Society for Metabolic and Bariatric Surgery (2023-2025)
- **Course Co-Director and Session Organizer**, *The End of NAFLD as we know it: MASLD and the Bariatric Surgeon*, The American Society of Metabolic and Bariatric Surgery 40th Annual Meeting, San Diego, CA (2024).
- **Member**, Annual Program Committee for Louisiana Chapter of the American Society for Metabolic and Bariatric Surgery (2024-2025)
- **Member**, Annual Program Committee for Obesity Week, Neuroscience Track; The Obesity Society (2025-2027)
- **Examination Consultant**, Metabolic and Bariatric Surgery Focused Practice Designation Examination; The American Board of Surgery (2025-2029).
- **Course Director and Session Organizer**, *Reducing the Stigma of Obesity*, American Society of Metabolic and Bariatric Surgery 41st Annual Meeting, Washington, DC (2025).
- **Member**, Metabolic/Bariatric Surgery Procedural Volume Task Force. American Society for Metabolic and Bariatric Surgery (2025-Present)

Other Education and Professional Training:

- **Graduate Biostatistics I / II**, Vanderbilt University School of Medicine (Fall 2014 / Spring 2015). Graduate level biostatistics courses that are part of the Master of Science in Clinical Investigation program at Vanderbilt. Courses cover the breadth of biostatistical knowledge necessary for conducting and evaluating biomedical basic and clinical research. Courses include advanced regression/modeling techniques, as well as common biostatistical methods including power analysis and sample size considerations. The course is an intensive introduction to the software program R/R-studio for all data analysis and visualization purposes with emphasis on reproducible research.
- **Isotope Tracers in Metabolic Research**, National Institutes of Health / Case Western Reserve University, Cleveland, OH (November 2014). Course provides basic introductory as well as comprehensive information on performing metabolic studies using radioactive or stable tracers in humans and animals. Techniques discussed include investigating whole body metabolism (carbohydrate, lipid, protein) as well as metabolite balance across organs, intracellular flux rates, and pathway regulation/kinetics.
- **Glucose Clamping the Conscious Mouse**, National Institutes of Health, Mouse Metabolic Phenotyping Center. Techniques course for the theoretical and practical concerns of using the hyperinsulinemic/euglycemic clamp for studying insulin sensitivity and glucose homeostasis in the conscious mouse, Nashville, TN (September 2015).
- **Value Based Health Care Delivery Course**, Harvard Business School and Owen Graduate School of Management at Vanderbilt University, (Fall 2015). Short course coordinated by Professor Michael E. Porter of Harvard Business school and other healthcare faculty on current health care policy, measuring outcomes, measuring costs, and implementing delivery system reform.
- **Clinical Trials Methods Course**, American College of Surgeons, Chicago, IL (November 2015). Immersion course offered for individuals with intensive research interests and intentions of being involved in clinical trials research in a leadership/implementation level. Course teaches a variety of topics including methodology, design and implementation of a controlled clinical trial with special emphasis on issues unique to surgical trials.
- **Management & Business Principles for Scientists**, Office of Biomedical Research Education & Training Vanderbilt University School of Medicine (Spring 2016). Survey course organized by scientists and business faculty at Vanderbilt University to identify and teach fundamental management and business concepts applicable

to scientists in academia, industry, biotech startups and beyond. Topics covered included finance and accounting, people management and leadership, marketing, technology, operations, and project management.

- **Grant Writing**, Vanderbilt University School of Medicine (May 2016). Graduate course that is part of the Master of Public Health Program that provides a foundation in grant writing for the early career scientist. Specific topics included; funding sources and types of awards, research mentorship, constructing the research plan, ethics and human subject considerations, institutional resources to support the application process, and grantsmanship.
- **SAGES Flexible Endoscopy Course for Minimally Invasive Surgery Fellows**. Case Western Reserve University; Cleveland, Ohio (September 2019). Course with didactic instruction as well as hands on lab experience using flexible therapeutic endoscopy techniques for upper and lower GI pathology. Specific skills included; gastrointestinal bleeding management (injection, clipping, thermal and energy tissue ablation), over-the-scope and through-the-scope clipping, endoscopic mucosal resection, balloon and bougie dilation of upper GI strictures, minimally invasive techniques for GERD, Bravo probe usage and indication, endoluminal suturing.
- **2nd Annual Minimally Invasive and Bariatric Surgery Fellows Course: Optimizing Patient Care through Career Development**. Sponsored by Cleveland Clinic Foundation and Gore[®]; Cleveland, Ohio (September 2019). Short course on professional development and obtaining success personally, academically, and professionally. Topics included: job search techniques and interviewing skills, discussion of private/hospital-based/academic surgical practices, finance and insurance management, common litigation basics and legal know-how, marketing, and various MIS/bariatric technique strategies from experts in the field.
- **Endoscopic Techniques in Bariatric Surgery**. Sponsored by Case Western Reserve University School of Medicine and University Hospitals; Cleveland, Ohio (January 2020). Course is designed to be an overview of the use of endoscopy in all aspects of bariatric surgery. Topics include basic endoscopic techniques, how endoscopy can be applied in the care of the bariatric patient, and where endoscopy can be used both diagnostically and therapeutically.

Awards & Recognition

2007	American Psychosomatic Society Scholars Award; Sponsored by the American Psychosomatic Society and the National Institute of Mental Health. Dean's Travel Award; Penn State University College of Medicine. Annual meeting of the American Psychosomatic Society; Budapest, Hungary.
2008	Patrick G. Quinn Award for Outstanding Ph.D. Candidate; Dept. of Cellular & Molecular Physiology, Penn State College of Medicine.
2009	Joseph E. Johnson Leadership Day Grant; 17 th Annual Leadership Day on Capitol Hill, American College of Physicians. College of Medicine Alumni Society Endowed Scholarship, Penn State College of Medicine.
2010	Physician-Scientist Trainee Travel Scholarship, Annual Days of Molecular Medicine Symposium, <i>Systems Biology Approaches to Cancer and Metabolic Disease</i> . Karolinska Institutet; Stockholm, Sweden.
2011	D. Eugene Rannels Award for Outstanding Doctoral Dissertation; Department of Cellular & Molecular Physiology, Penn State College of Medicine. Outstanding Clinical Performance in Surgery; Department of Surgery, Penn State College of Medicine. Young Investigator Research Recognition Award, Endocrinology & Metabolism Section of the American Physiological Society.

- Howard E. Morgan Award; Department of Cellular & Molecular Physiology. Penn State College of Medicine.
- Best Overall Presentation, Annual Diabetes and Obesity Research Summit; Penn State Institute for Diabetes and Obesity, Penn State University.
- 2014 J. Kenneth Jacobs Research Scholarship Award. Section of Surgical Sciences, Vanderbilt University School of Medicine.
- 2015 Young Investigator Travel Scholarship Award, 7th Annual Collaborative Research Forum Symposium, *Gut Microbiome*. La Jolla, CA.
- Leadership Scholarship to attend the ACS Clinical Trial Methods Course. Sponsored by the Jeannette and H. Peter Kriendler Charitable Trust; Resident and Associate Society of the American College of Surgeons.
- Ethan Sims Young Investigator Award, The Obesity Society; Los Angeles, CA.
- 2016 SAGES Research Grant Award. Society of American Gastrointestinal and Endoscopic Surgeons Grant Award; Boston, MA.
- Alfred Blalock Surgical Resident Award for Outstanding Research Contributions, Section of Surgical Sciences, Vanderbilt University School of Medicine.
- Hines-Morgan Basic Science Award, Tennessee Chapter of the American College of Surgeons.
- 2017 Academy of Investigators, Junior Investigator Research Recognition Award (\$4,000). Digestive Diseases Research Center, Vanderbilt University Medical Center.
- 2019 Inductee, *H. William Scott Jr. Society*, Department of Surgery, Section of Surgical Sciences, Vanderbilt University Medical Center
- 2022 ASMBS Foundation Research Grant Award, American Society for Metabolic and Bariatric Surgery. Project: Functional Brain Imaging Characterization of Weight Regain and Weight Loss Maintenance Patients following Metabolic/Bariatric Surgery.
Available: <https://www.treofoundation.org/our-grants/>

Other Recognition:

- 2010 American College of Surgeons 96th Annual Clinical Congress, Outstanding Medical Student Poster Award, 2nd Place: *Roux-en-Y Gastric-Bypass improves glucose homeostasis and insulin sensitivity in the Zucker Diabetic Fatty Rat*. Washington, D.C.
- 2014 Finalist, Association of Academic Surgery Resident Basic Science / Translational Research Award. *Role of Bile Acid Metabolism, Signaling, and Distal Bile Acid Diversion in the Metabolic Improvements following Roux-en-Y Gastric Bypass.*
- Alternate/Finalist, American College of Surgeons Resident Research Award. *Mechanisms of Bile Acid Signaling and Metabolism following Gastric Bypass.*
- 2015 Research News @ Vanderbilt, Published Online July 21, 2015. *Study finds rerouting bile acids may offer simpler alternative to gastric bypass surgery.*
Available: <http://news.vanderbilt.edu/2015/07/study-finds-rerouting-bile-acids-produces-similar-weight-loss-results-as-gastric-bypass-surgery/>
- 2016 Outstanding Reviewer, Top 10% of Reviewers for the journal *Surgery for Obesity and Related Diseases*. Elsevier Publishing.

- 2019 VUMC Reporter, Published Online January 10, 2019. *Bile acids mediate metabolic benefits of weight-loss surgery*.
Available: <http://news.vumc.org/2019/01/10/bile-acids-metabolic-benefits-weight-loss-surgery/>
- 2020 Pennington Biomedical Research Center News, Published Online October 15, 2020. *Dr. Vance Albaugh Named Assistant Professor of Metabolic Surgery*.
Available: <https://www.pbrc.edu/news/press-releases/?ArticleID=607>
- 2021 Vanderbilt University Medical Scientist Training Program. Published Online January 14, 2021. *Zooming into a procedural specialty with Vance Albaugh, MD, PhD*.
Available: <https://medschool.vanderbilt.edu/mstp/2020/12/18/zooming-into-a-procedural-specialty-with-vance-albaugh-md-phd/>
- 2022 Health Day: News for Healthier Living. Published Online March 21, 2022. Expert opinion mentioned in, *Excess Weight in Midlife Means a Sicker Old Age: Study*.
Available: <https://consumer.healthday.com/3-21-excess-weight-in-midlife-means-a-sicker-more-expensive-old-age-study-2656961134.html>
- Bariatric Times. Featured in, *The Research Grant Report: Omar M. Ghanem and Tammy Kindel*.
Available: <https://bariatrictimes.com/research-grant-report/>
- Mornings with Brian Haldane on Talk107.3FM. *Medical Mondays: Eating Healthy and Weight Loss*. Published Online December 12, 2022.
Available: <https://talk1073.com/2022/12/12/mornings-with-brian-haldane-medical-monday-with-dr-vance-albaugh-12-12-2022/>
- 2023 WBRZ Community: Baton Rouge. Mentioned in *Dr. Flori Corpodean: 2024 Resident Research Award Recipient*. Published Online December 19, 2023.
Available: <https://www.wbrz.com/news/pennington-biomedical-researcher-selected-for-prestigious-resident-research-award/>
- 2024 Healthcare Journal of Baton Rouge. Mentioned in *Metamor Team Developing Tool to Catch Cancer Earlier*. Published Online February 15, 2024.
Available: <https://www.healthcarejournalbr.com/news/metamor-team-developing-tool-to-catch-cancer-earlier>
- Pennington Biomedical Research Center News, *New Screening Tool Saving Lives: Metamor Team Developing Tool to Catch Cancer Earlier*. Published Online February 20, 2024.
Available: <https://www.pbrc.edu/news/media/2024/metamorcancertool.aspx>
- WBRZ 5 O'clock News. *Pennington Biomedical Research Center develops new cancer screening tool to detect endometrial cancer*. Aired and Published Online February 23, 2024.
Available: <https://www.wbrz.com/news/pennington-biomedical-research-center-develops-new-cancer-screening-tool-to-detect-endometrial-cancer>
- WVLA/Fox33 Baton Rouge News. *Medical Moment: Two Louisiana doctors create new tool to detect endometrial cancer*. Aired on March 7, 2024; Published Online March 8, 2024.
Available: <https://www.brproud.com/features/medical-moment/two-louisiana-doctors-create-new-tool-to-detect-endometrial-cancer/>
- EurekAlert, American Association for the Advancement of Science. Mentioned in *Bariatric surgery linked to heart health improvements in people with severe obesity*. Published online March 14, 2024.
Available: <https://www.eurekalert.org/news-releases/1037209>
- Endocrine News. Mentioned in *Bariatric surgery linked to heart health improvements in people with severe obesity*. Published online by *The Endocrine Society*, March 14, 2024.

Available: <https://endocrinenews.endocrine.org/bariatric-surgery-linked-to-cardiovascular-improvements-in-people-with-severe-obesity/>

Mirage News. Mentioned in *Bariatric Surgery Boosts Heart Health in Severely Obese*

Available: <https://www.miragenews.com/bariatric-surgery-boosts-heart-health-in-1194941/>

VUMC Reporter. Mentioned in *Study shows bariatric surgery linked to cardiometabolic health improvements.* Published Online March 18, 2024.

Available: <https://news.vumc.org/2024/03/18/study-shows-bariatric-surgery-linked-to-cardiometabolic-health-improvements/>

Penn State Health News. Mentioned in *Medical Scientist Training Program holds annual spring retreat.*

Available: <https://pennstatehealthnews.org/topics/md-phd-spring-retreat-2024/>

ScienceX.com. Mentioned in *Pennington Biomedical Panel: "Are We in Control of What We Eat?"* Published Online December 23, 2024.

Available: <https://sciencex.com/wire-news/496414608/pennington-biomedical-panel-are-we-in-control-of-what-we-eat.html>

2025

MedPage Today. Mentioned in *Endometrial Cancer Update: Concerning Trends in Endometrial Cancer.* Published Online January 17, 2025.

Available: <https://www.medpagetoday.com/resource-centers/endometrial-cancer-update/concerning-trends-endometrial-cancer/5578>

MedPage Today. Mentioned in *Endometrial Cancer and Obesity: Who's Most at Risk?* Published Online February 14, 2025.

Available: <https://www.medpagetoday.com/resource-centers/endometrial-cancer-update/endometrial-cancer-and-obesity-whos-most-risk/5590>

Science Daily. Mentioned in *US sees disproportionate increase in body mass index rates of more than 60.* Published Online April 28, 2025.

Available: https://www.sciencedaily.com/releases/2025/04/250428221234.htm?utm_source=substack&utm_medium=email

Bariatric News. Mentioned in *US adults with BMI >60 kg/m2 increases by 210% in 20 years.* Published Online April 28, 2025.

Available: <https://www.bariatricnews.net/post/us-adults-with-bmi-60-kg-m2-increases-by-210-in-20-years>

Technology Networks. Mentioned in *Surge in Severe Obesity Cases in the United States.* Published Online May 1, 2025.

Available: <https://www.technologynetworks.com/diagnostics/news/surge-in-severe-obesity-cases-in-the-united-states-399173>

Medscape Medical News. Mentioned in *Do GLP-1s Lower CRC Risk in Patients With Obesity and T2D?* Published Online May 7, 2025.

Available: <https://www.medscape.com/viewarticle/do-glp-1s-lower-crc-risk-patients-obesity-and-t2d-2025a1000b0s?form=fpf>

New Scientist. Mentioned in *Gastric bypass surgery may cut the risk of bowel cancer.* Published Online June 25, 2025.

Available: <https://www.newscientist.com/article/2485890-gastric-bypass-surgery-may-cut-the-risk-of-bowel-cancer/>

Teaching Activity

Undergraduate/Graduate Lectures/Courses

1. **Invited Lecturer**, *Does body weight have anything to do with nutrition?* Nutrition & Food Sciences 110 (NFS110), School of Nutrition and Food Sciences, Louisiana State University; Baton Rouge, LA (September 2021).
2. **Invited Lecturer**, *A Non-Traditional Career for the Veterinary Technician Student*. Veterinary Technician Certification Program, Baton Rouge Area Community College; Baton Rouge, LA (March 2023).
3. **Invited Lecturer**, *Pharmacological approaches to weight loss management*. Obesity: Comorbidities and Treatment (NFS-GRAD), School of Nutrition and Food Sciences, Pennington Biomedical Research Center/Louisiana State University; Baton Rouge, LA (November 2024).

Medical Student Lectures/Courses/Teaching:

1. **Evaluator**, *Students as Teachers Course*. Senior medical student elective; Vanderbilt University School of Medicine (April 2014, April 2015).
2. **Instructor**, Knot-Tying Workshops for Surgical Clerkship Students; Vanderbilt University School of Medicine (2015-2016).
3. **Instructor**, Case Presentation: *Small Bowel Obstruction: Initial Diagnosis & Management*. Avery-Cohen Advising College, Medical Scientist Training Program; Vanderbilt University School of Medicine (February 1, 2017).

Resident & Fellow Teaching Conferences:

1. **Presenter**, Resident Bonus Conference, *Achalasia*. Vanderbilt University School of Medicine (Aug 1, 2012).
2. **Instructor**, Intern Summer School, *Nausea and Vomiting in the Surgical Patient*. Vanderbilt University School of Medicine (July 11, 2013).
3. **Presenter**, Colorectal Case Conference, *Preoperative Assessment of Liver Dysfunction and Surgical Risk*. Vanderbilt University School of Medicine (July 18, 2013).
4. **Instructor**, Intern Summer School, *Altered Mental Status*. Vanderbilt University School of Medicine (July 11, 2014).
5. **Instructor**, Intern Summer School, *Running a Code: ACLS Case and Rhythm Reviews*. Vanderbilt University School of Medicine (July 30, 2015).
6. **Instructor**, Resident Training Conference. *Peptic Ulcer Disease*. Vanderbilt University School of Medicine (April 28, 2017).
7. **Instructor**, Intern Summer School, *Nutrition and Surgical Metabolism*. Vanderbilt University School of Medicine (July 28, 2017).
8. **Instructor**, Intern Summer School, *Rationale for Glycemic Control*. Vanderbilt University School of Medicine (August 4, 2017).
9. **Presenter**, Resident Bonus Conference, *Malignant Esophagus*. Vanderbilt University School of Medicine (June 20, 2018).
10. **Presenter**, Resident Bonus Conference, *Small Bowel Surgical Issues*. Vanderbilt University School of Medicine (July 18, 2018).
11. **Instructor**, Intern Summer School, *Nutrition and Surgical Metabolism*. Vanderbilt University School of Medicine (July 27, 2018).
12. **Presenter**, Resident Bonus Conference, *Malignant Colon*. Vanderbilt University School of Medicine (August 1, 2018).
13. **Presenter**, Resident Bonus Conference, *Management of Hepatic Cystic Disease*, Vanderbilt University School of Medicine (August 15, 2018).
14. **Presenter**, Resident Bonus Conference, *Surgical Management of Benign Biliary Pathology*, Vanderbilt University School of Medicine (August 29, 2018).
15. **Presenter**, Resident Bonus Conference, *Management of Pancreatitis and Benign Pancreatic Disorders*, Vanderbilt University School of Medicine (September 12, 2018).
16. **Presenter**, Resident Bonus Conference, *Pancreatic Cystic Disorders and Periapillary Cancer*, Vanderbilt University School of Medicine (September 19, 2018).
17. **Presenter**, Resident Bonus Conference, *Benign Breast Disease: Management and Treatment*, Vanderbilt University School of Medicine (October 10, 2018).
18. **Presenter**, Resident Bonus Conference, *Adrenal Incidentaloma and Adrenal Cortical Tumor Management*, Vanderbilt University School of Medicine (October 24, 2018).
19. **Presenter**, Resident Bonus Conference, *Parathyroid Disease*, Vanderbilt University School of Medicine (November 7, 2018).

20. **Presenter**, Resident Bonus Conference, *Overview of Pediatric Surgery*, Vanderbilt University School of Medicine (November 21, 2018).
21. **Presenter**, Resident Bonus Conference, *Peripheral Arterial Disease Management*, Vanderbilt University School of Medicine (December 12, 2018).
22. **Presenter**, Resident Bonus Conference, *Aortic Dissection and Miscellaneous Vascular Pathology – Surgical and Medical Management*, Vanderbilt University School of Medicine (January 16, 2019).
23. **Presenter**, Resident Bonus Conference, *Choledocholithiasis and Endoluminal Management*, Vanderbilt University School of Medicine (February 13, 2019).
24. **Presenter**, Resident Bonus Conference, *Complex Case Conference – Bariatric Emergencies*, Vanderbilt University School of Medicine (March 27, 2019).
25. **Presenter**, Resident Bonus Conference, *Laparoscopic Basics – Port Placement, Pitfalls, and Operative Approaches*, Vanderbilt University School of Medicine (April 10, 2019).
26. **Presenter**, Resident Bonus Conference, *Achalasia and Overview of Esophageal Motility*, Vanderbilt University School of Medicine (May 1, 2019).
27. **Presenter**, Multidisciplinary Bariatric Conference, *Epidemiology & Global Burden of Obesity*, Cleveland Clinic Bariatric & Metabolic Institute (September 10, 2019).
28. **Presenter**, Multidisciplinary Bariatric Conference, *Randomized Trials of Patients with BMI<35 for Metabolic Surgery*, Cleveland Clinic Bariatric & Metabolic Institute (January 29, 2020).
29. **Presenter**, Multidisciplinary Bariatric Conference, *Gastroesophageal Reflux Disease and Hiatal Hernia in Patients with Severe Obesity*, Cleveland Clinic Bariatric & Metabolic Institute (March 4, 2020).
30. **Presenter**, Multidisciplinary Bariatric Conference, *Basic Science Topics in Metabolic/Bariatric Surgery Research*, Cleveland Clinic Bariatric & Metabolic Institute (April 29, 2020).
31. **Presenter**, Multidisciplinary Bariatric Conference, *Sleep Apnea and the Bariatric Patient*, Cleveland Clinic Bariatric & Metabolic Institute (June 24, 2020).
32. **Presenter**, LSU Educational Conference, General Surgery Residency Program. *Bariatric Surgery Basics*, Our Lady of the Lake Regional Medical Center (July 19, 2021).
33. **Presenter**, LSU Educational Conference, General Surgery Residency Program. *Common Bariatric Emergencies*, Our Lady of the Lake Regional Medical Center (July 26, 2021).
34. **Presenter**, LSU Educational Conference, General Surgery Residency Program. *Bariatric Surgery and Nutritional Complications*, Our Lady of the Lake Regional Medical Center (July 18, 2022).

Continuing Medical Education and Professional Development Teaching:

1. **Instructor**, Advanced Trauma and Life Support Certification Course. *Head Trauma and X-Ray Identification of Thoracic Injuries*. Lecture and Skills Sessions, American College of Surgeons (July 2013).
2. **Presenter**, *Donation After Cardiac Death – Kidney Transplantation*. Kidney and Pancreas Transplant Conference (June 20, 2014).
3. **Instructor**, Advanced Trauma and Life Support Certification Course. *Trauma in Pregnancy and Intimate Partner Violence*, Lecture and Skills Sessions, American College of Surgeons (June 2015).
4. **Instructor**, Advanced Trauma and Life Support Certification Course. *Geriatric Trauma*, Lecture and Skills Sessions, American College of Surgeons (June 2016).
5. **Presenter**, *Endoscopic Removal of Adjustable Gastric Bands and Outcomes*. Interesting Case Conference, Vanderbilt University School of Medicine (July 25, 2018).
6. **Presenter**, *What is the best procedure for gastroparesis in bariatric surgical patients?* Metabolic & Bariatric Surgery Complex Case Conference, Bariatric & Metabolic Institute, Our Lady of the Lake Regional Medical Center and Pennington Biomedical Research Center (June 4, 2021).
7. **Presenter**, *Bariatric surgery in the context of esophageal dysmotility*. Metabolic & Bariatric Surgery Complex Case Conference, Bariatric & Metabolic Institute, Our Lady of the Lake Regional Medical Center and Pennington Biomedical Research Center (July 2, 2021).
8. **Presenter**, *Immunosuppressants and the Bariatric Patient & Reflux and the Bariatric Patient*. Metabolic & Bariatric Surgery Complex Case Conference, Bariatric & Metabolic Institute, Our Lady of the Lake Regional Medical Center and Pennington Biomedical Research Center (August 5, 2021).
9. **Presenter**, Assessment of the Patient with Obesity: Weight History, Physical Examination, and Screening. American Board of Obesity Medicine Certification Review Course, 1st Annual Bray Obesity Science Symposium (May 19, 2024).
10. **Presenter**, Bariatric Surgery Part 1: Guidelines for Metabolic Surgery – Overview of Procedures, Benefits, Pre-Surgery Assessment. American Board of Obesity Medicine Certification Review Course, 1st Annual Bray Obesity Science Symposium (May 19, 2024).

11. **Presenter**, Physiology of Bariatric Surgery. American Board of Obesity Medicine Certification Review Course, 1st Annual Bray Obesity Science Symposium (May 19, 2024).
12. **Presenter**, Assessment of the Patient with Obesity. American Board of Obesity Medicine Certification Review Course, 2nd Annual Bray Obesity Science Symposium (May 10, 2025).
13. **Presenter**, Bariatric Surgery Part 1: Guidelines for Metabolic Surgery – Overview of Procedures, Benefits, Pre-Surgery Assessment. American Board of Obesity Medicine Certification Review Course, 2nd Annual Bray Obesity Science Symposium (May 10, 2025).
14. **Presenter**, Physiology of Bariatric Surgery. American Board of Obesity Medicine Certification Review Course, 2nd Annual Bray Obesity Science Symposium (May 19, 2025).

Research & Clinical Mentoring

	Name	Position during Mentoring	Current Position
1	Jessica G. Judson, PhD (5/2007-8/2007)	Short-Term Education Program for Underrepresented Persons (NIH/NIDDK), Oberlin College	Global Community Health Tulane University
2	Steven Cai, MD (6/2014-8/2014)	NIDDK/Vanderbilt DRTC Research Internship, Rosalind Franklin School of Medicine	Fellow, Plastic & Reconstructive Surgery
3	Taylor Wallen, MD (6/2015-8/2015)	NIDDK/Vanderbilt DRTC Research Internship, Central Michigan University College of Medicine	Resident, General Surgery University of Cincinnati
4	Muhammed Alikhan, MD (6/2016-8/2016)	NIDDK/Vanderbilt DRTC Research Internship, University of Missouri Kansas City School of Medicine	Resident, Internal Medicine Case Western Reserve
5	Georgina Sellyn, MD, MS (8/2016-7/2017)	Graduate/Masters Student, Vanderbilt University	Dermatology Resident Vanderbilt University
6	Babak Banan, MD (7/2016-6/2017)	Postdoctoral Fellow, Vanderbilt University Medical Center	Former Instructor, Vanderbilt University
7	Linda Adepoju, MD (8/2021-7/2022)	Metabolic & Bariatric Surgical Fellow, Pennington Biomedical/LSU Health Sciences Center	Clinical Private Practice Bariatric Surgeon
8	Priya Chhikara, MD (8/2021-7/2022)	Metabolic & Bariatric Surgical Fellow, Pennington Biomedical/LSU Health Sciences Center	Clinical Practice
9	Robert C. Ross, MD, MPH (8/2021-6/2023)	Metabolic Surgery Research Fellow, Pennington Biomedical Research Center	General Surgery Resident University of South Alabama
10	Clint Stillwell, MD (8/2022-7/2023)	Metabolic & Bariatric Surgical Fellow, Pennington Biomedical/LSU Health Sciences Center	Clinical Practice (Arkansas)
11	Jesus Garcia, MD (8/2022-7/2023)	Metabolic & Bariatric Surgical Fellow, Pennington Biomedical/LSU Health Sciences Center	Clinical Practice (Texas)
12	Amanda Spence, BS (6/2022-5/2024)	LSU Undergraduate Student Biology/Pre-Medicine	Research Assistant Pennington Biomedical
13	Teresa Schauer, BS (11/2022-6/2024)	Research Assistant, TIGER Lab Pennington Biomedical Research Center	Medical Student LSU-Health Sciences Center – Shreveport
14	Florina Corpodean, MD (7/2023-6/2025)	Metabolic Surgery Research Fellow, Pennington Biomedical Research Center Resident Research Grant Fellowship (2024), Society for Surgery of the Alimentary Tract (SSAT) Halverson Award Winner (2024), American Society of Metabolic and Bariatric Surgery (ASMBS)	LSU-HSC General Surgery Resident
15	Michael Kachmar, DO, DABOM (8/2023-7/2025)	Metabolic Surgery Research Fellow, Pennington Biomedical Research Center Research Grant Recipient (2024),	Assistant Professor of Surgery University of South Florida

		Society of American Gastrointestinal and Endoscopic Surgeons (SAGES)	
16	Iryna Popiv, DO, DABOM (8/2023-7/2024)	Metabolic & Bariatric Surgical Fellow, Pennington Biomedical/LSU Health Sciences Center	Clinical Practice Seattle, Washington
17	Devan Lenhart, DO, DABOM (8/2023-7/2024)	Metabolic & Bariatric Surgical Fellow, Pennington Biomedical/LSU Health Sciences Center	MIS/Bariatric Private Practice Valdosta, GA
18	Kaleigh Johnston, LVT (7/2023-7/2024)	Microsurgical Technician, TIGER Lab Pennington Biomedical Research Center	Community Veterinary Surgical Practice
19	Hannah E. Bunch, MD (4/2024-Present)	Resident, Internal Medicine LSU Baton Rouge Internal Medicine	Chief Resident, LSU Internal Medicine
20	Jake E. Dorion, PhD (5/2024-Present)	Medical Student, Medical Scientist Training Program LSU Health Sciences Center	Current LSU MSTP Student
21	Mehrnaz Abbasi, PhD ^s (7/2024-Present)	Louisiana Center for Advancing Underrepresented Scientists Careers in Health, Nutrition, Obesity, and Disparities Research (LAUNCHED) Program	Assistant Professor, Auburn University College of Human Sciences
22	Sora Kim, PhD* (8/2024-Present)	Postdoctoral Fellow, Laboratory of Christopher Morrison, Mentoring Committee Member Pennington Biomedical Research Center	Postdoctoral Fellow, Morrison Laboratory
22	Yonas Teklu, MD (8/2024-Present)	Metabolic & Bariatric Surgical Fellow, Pennington Biomedical/LSU Health Sciences Center	Current Clinical Fellow
23	Elizabeth Zunica, PhD* (5/2025-Present)	Postdoctoral Fellow, Molecular Medicine Laboratory at Pennington Biomedical Research Center	Postdoctoral Fellow, Molecular Medicine Laboratory
24	Hector Garcia-Navas, MD (7/2025-Present)	Metabolic Surgery Research Fellow, Pennington Biomedical Research Center	Current Research Fellow
25	Shubham Bhatia, MD (8/2025-Present)	Metabolic & Bariatric Surgical Fellow, Pennington Biomedical/LSU Health Sciences Center	Incoming Clinical Fellow
26	Nicolas Dhalgren, MD (8/2025-Present)	Metabolic & Bariatric Surgical Fellow, Pennington Biomedical/LSU Health Sciences Center	Incoming Clinical Fellow
27	Jan Michael Pohudka, MD (Starting 8/2026)	Metabolic & Bariatric Surgical Fellow, Pennington Biomedical/LSU Health Sciences Center	Incoming Clinical Fellow

Note: *Postdoctoral Mentoring Committee Member, ^sJunior Faculty Mentee

Research Program

Current Funded Projects:

- 9/1/2022 – Present *Functional Brain Imaging Characterization of Weight Regain and Weight Loss Maintenance Patients following Metabolic/Bariatric Surgery*
American Society for Metabolic and Bariatric Surgery
Role: Principal Investigator (Total Funds: \$25,000); Percent Effort 5%
- 9/1/2022 – Present *Examining the Gut-Brain Axis following Weight Loss and Bariatric Surgery*
Baton Rouge Area Chamber of Commerce
Role: Principal Investigator (Total Funds: \$350,000); Concurrent Effort 75% (DK138261)
- 8/1/2024 – Present *Contribution of Nutrient Delivery Rate to Gut-Brain Axis Signaling in Obesity and Bariatric Surgery*
K23 1DK138261-01A1 Patient-Centered Research Career Development Award
National Institutes of Digestive and Diabetes and Kidney Diseases (NIDDK)
Role: Principal Investigator (Total Funds: \$712,644); Percent Effort 75%

5/1/2024 – Present In Vivo Identification of Human Brain Regions Sensitive to Intestinal Glucose
 NORC Pilot & Feasibility Grant
 National Institutes of Digestive and Diabetes and Kidney Diseases (NIDDK)
 Role: Principal Investigator (Total Funds: \$75,000); Percent Effort 5%

Current Non-funded Projects:

8/2016 – Present *Observational Study of the Effect of Small Intestine Length on Bariatric Surgical Patient Outcomes*
 Vanderbilt University Medical Center (IRB#160971)
 Role: Co-Principal Investigator, ClinicalTrials.gov: [NCT02872493](#)

2/2017 – Present *Longitudinal Database of Metabolic and Bariatric Surgical Outcomes*
 Vanderbilt University Medical Center (IRB#170246)
 Role: Co-Investigator

Past Grant Support:

4/1/2008 – 3/30/2009 American Medical Association Foundation, Seed Grant Award.
A double blind, placebo-controlled, crossover study examining the acute effects of olanzapine on leptin, oral glucose tolerance and blood lipids in healthy volunteers.
 Pennsylvania State University College of Medicine
 Role: Principal Investigator, ClinicalTrials.gov: [NCT00741026](#) (Total Funds: \$2,500)

4/1/2009 – 3/30/2010 NIH/NCRR Funding, 5 M01 RR010732-15 Sub-Project ID: 6594
Acute Effects of Olanzapine on Plasma Leptin, Glucose Tolerance and Free Fatty Acids
 Pennsylvania State University College of Medicine
 Role: Principal Investigator (Total Funds: \$49,919)

7/1/2014 – 8/31/2014 NIH/NIDDK Fellowship Training Grant, 5 T32 DK007061-40 (PI: James May, MD)
Research Training in Diabetes and Endocrinology
 Vanderbilt University School of Medicine
 Role: T32 Trainee/Postdoctoral Fellow (Total Funds: \$9,500)

9/1/2014 – 7/1/2017 NIH/NIDDK Fellowship, F32 DK103474
Mechanisms of Bile Acid Signaling and Metabolism following Gastric Bypass
 Vanderbilt University School of Medicine
 Role: Trainee PI (Total Funds: \$200,354)

4/1/2016 – 9/30/2017 Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) Grant Program
Role of Bile Acids and Bile Diversion in the Acute Metabolic Improvements following Gastric Bypass
 Vanderbilt University School of Medicine
 Role: Principal Investigator (Total Funds: \$30,000)

12/1/2016 – 5/31/2018 NIH/NIDDK Micro Mouse Grant, 2 U24 DK076169-11, Sub-project ID: 30835-22
Pilot & Feasibility of Lymphatic Cannulation in Mouse Bariatric Surgical Models
 National Institutes of Health, NIDDK; MMPC Consortium
 Role: Principal Investigator (Total Funds: \$75,000)

7/1/2022 – 6/30/2024 Baton Rouge Health District Launchpad Pilot Funding
Improving Endometrial Cancer Cure for Louisiana Women
 Role: Principal Investigator (Total Funds: \$30,000).

8/1/2021 – 7/30/2024 *Intestinal Glucose Utilization Drives the Weight Loss Benefits of Roux-en-Y Gastric Bypass*
 LACaTS Center, Louisiana Clinical and Translational Science Center, NIH U54 GM104940

Pennington Biomedical Research Center (IRB#: 2021-027-PBRC)

Role: Principal Investigator (Total Funds: \$50,000)

5/1/2024 – 4/30/2025

Examining the Mechanisms Underlying the Metabolic and Weight Loss Benefits of Bariatric Surgery

Ethicon Endosurgery Investigator Initiated Study

Role: Principal Investigator (Total Funds: \$60,000); Percent Effort 5%

Publications & Presentations

Articles in Refereed Journals

1. **Albaugh VL**, Henry CR, Bello NT, Hajnal A, Lynch SL, Halle B, Lynch CJ. Hormonal and metabolic effects of olanzapine and clozapine related to body weight in rodents. *Obesity (Silver Spring)* 2006 14:1 36-51. (PMCID: PMC2761763)
2. Culnan DM, **Albaugh V**, Sun M, Lynch CJ, Lang CH, Cooney RN. Ileal interposition improves glucose tolerance and insulin sensitivity in the obese Zucker rat. *American Journal of Physiology: Gastrointestinal and Liver Physiology* 2010 Sep;299(3):G751-60. (PMCID: PMC2950685)
3. **Albaugh VL**, Judson JG, She P, Lang CH, Maresca KP, Joyal JL, Lynch CJ. Olanzapine promotes fat accumulation in male rats by decreasing physical activity, repartitioning energy and increasing lipogenesis while impairing lipolysis. *Molecular Psychiatry* 2011 May;16(5):569-81. (PMCID: PMC2892549)
4. **Albaugh VL**, Singareddy R, Mauger D, Lynch CJ. A Double-Blind, Placebo-Controlled, Randomized Crossover Study of the Acute Metabolic Effects of Olanzapine in Healthy Volunteers. 2011 *PLoS One* 6(8); e22662. (PMCID: PMC3153475)
5. **Albaugh VL**, Vary T, Ilkayeva O, Wenner BR, Maresca KP, Joyal JL, Breazeale S, Elich T, Lang CH, Lynch CJ. Atypical antipsychotics rapidly and inappropriately switch peripheral fuel utilization to lipid, impairing metabolic flexibility in rodents. *Schizophrenia Bulletin* 2012 Jan;38(1):153-66. (PMCID: PMC3245588)
6. Kulaylat AN, Engbrecht BW, Pinzon-Guzman C, **Albaugh VL**, Rzucidlo SE, Schubart JR, Cilley RE. Pleural effusion following blunt splenic injury in the pediatric trauma population. *Journal of Pediatric Surgery* 2014 Sep;49(9):1378-81. (PMID: 25148741)
7. Flynn CR, **Albaugh VL**, Cai S, Cheung-Flynn J, Adcock J, Chen S, Williams PE, Brucker RM, Bordenstein SR, Wasserman DH, Abumrad NN. Bile diversion to the distal small intestine has comparable metabolic benefits to bariatric surgery. *Nature Communications* 2015 6:7715. (PMCID: PMC4518285)
8. **Albaugh VL**, Flynn CR, Cai S, Xiao Y, Tamboli RA, Abumrad NN. Early increases in plasma bile acids post Roux-en-Y gastric bypass are driven by insulin sensitizing, secondary bile acids. *Journal of Clinical Endocrinology & Metabolism* 2015 100(9): E1225-1233 (PMCID: PMC4570157)
9. Tamboli RA, Sidani RM, Garcia AE, Antoun J, Isbell JM, **Albaugh VL**, Abumrad NN. Jejunal administration of glucose enhances acyl ghrelin suppression in obese humans. *American Journal of Physiology: Endocrinology and Metabolism* 2016 Jul 1;311(1):E252-9. doi: 10.1152/ajpendo.00082.2016. Epub 2016 Jun 7. (PMCID: PMC4967145).
10. Tamboli RA, Antoun J, Sidani RM, Clements BA, Eckert EA, Marks-Shulman P, Williams DB, Clements RH, **Albaugh VL**, Abumrad NN. Metabolic responses to exogenous ghrelin in obesity and early after Roux-en-Y gastric bypass in humans. *Diabetes, Obesity and Metabolism* 2017 Mar 27. doi: 10.1111/dom.12952. (PMCID: PMC5568950).

11. Reddy IA, Erreger K, Ghose D, Saunders C, Turner BD, Poe A, **Albaugh VL**, Hackett TA, Grueter BA, Abumrad NN, Flynn CR, Galli A. Bile Diversion, a bariatric surgery, reduces central cocaine reward through altering circulating bile acids. *PLoS Biology* 2018; 16(7):e2006682 (PMID: 30048457).
12. **Albaugh VL**, Banan B, Antoun J, Xiong Y, Guo Y, Ping J, Alikhan M, Clements AB, Abumrad NN, Flynn CR. Role of Bile Acids and GLP-1 in Mediating the Metabolic Improvements of Bariatric Surgery. *Gastroenterology* 2019; 156(4):1041-1051.e4. (PMCID: PMC6409186)
13. Flynn CR, **Albaugh VL**, Tamboli RA, Bosompem A, Sidani RM, Winnick JJ. Roux-en-Y gastric bypass surgery improves hepatic glucose metabolism and reduces plasma Kisspeptin levels in morbidly obese patients with type 2 diabetes. *American Journal of Physiology: Gastrointestinal and Liver Physiology* 2019 Nov 11. doi:10.1152/ajpgi.00224.2019 (PMID: 31709832)
14. Zhang JB, Tamboli RA, **Albaugh VL**, Grijalva CG, Abumrad NN, Shibao CA. The Incidence of Orthostatic Intolerance After Bariatric Surgery. *Obesity Science & Practice* 2019;6(1):76–83. Published 2019 Dec 6. doi:10.1002/osp4.383 (PMCID: PMC7042102)
15. Banan B, Wei Y, Simo O, Tso P, Abumrad NN, Flynn CR, Sundaresen S, **Albaugh VL**. Optimization of Mesenteric Lymph Collection in the Mouse. *Journal of Surgical Research* 2020 Nov 28:S0022-4804(20)30740-X. doi: 10.1016/j.jss.2020.11.004. (PMID: 33261855)
16. **Albaugh VL**, Williams DB, Aher CV, Spann MD, English WJ. Prevalence of thiamine deficiency is significant in patients undergoing primary bariatric surgery. 2020 *Surgery for Obesity and Related Diseases* Dec 9:S1550-7289(20)30706-1. doi: 10.1016/j.soard.2020.11.032. (PMID: 33478908)
17. **Albaugh VL**, Sharma G, Tu C, Aminian A. Clinical Significance of Diabetes Control before Metabolic Surgery. *Surgery for Obesity and Related Diseases* 2021 Jul;17(7):1271-1278. doi: 10.1016/j.soard.2021.03.031. Epub 2021 Apr 9. (PMID: 33972183).
18. Aminian A, Al-Kurd A, Wilson R, Bena J, Fayazzadeh H, Singh T, **Albaugh VL**, Shariff FU, Rodriguez NA, Jin J, Brethauer SA, Dasarathy S, Alkhouri N, Schauer PR, McCullough AJ, Nissen SE. Association of Metabolic Surgery with Major Adverse Cardiovascular and Liver Outcomes in Patients with Biopsy-Proven Non-Alcoholic Steatohepatitis: The SPLENDOR Study. *JAMA*. 2021 Nov 23;326(20):2031-2042. doi: 10.1001/jama.2021.19569. (PMID: 34762106; PMCID: PMC8587225)
19. Schmitt KM, **Albaugh VL**, LeBlanc K. Feasibility of Robotic Repair of Parastomal Hernias. 2022;5: 116-21 *International Journal of Abdominal Wall and Hernia Surgery*. doi: 10.4103/ijawhs.ijawhs_87_21
20. Wong G, Garner EM, Takkouche S, Spann MD, English WJ, **Albaugh VL**, Srivastava G. Combination Anti-Obesity Medications to Effectively Treat Bariatric Surgery Weight Regain at an Academic Obesity Center. *Obesity Science & Practice* 2022 Sep 24;9(3):203-209. doi: 10.1002/osp4.635. (PMID: 37287513; PMCID: PMC10242249)
21. Adepoju L, Danos D, Green C, Cook M, Schauer PR, **Albaugh VL**. Postoperative Major Adverse Cardiovascular Events (MACE) following bariatric surgery in the US from 2012-2019 have Declined Despite High Risk Factors. *Surgery for Obesity and Related Diseases* 2023 Jan;19(1):59-67. doi: 10.1016/j.soard.2022.08.014. Epub 2022 Sep 6. (PMID: 36209030).
22. Ross RC, He Y, Townsend L, Schauer PR, Berthoud HR, Morrison C, **Albaugh VL**. The Vagus Nerve Mediates Gut-Brain Response to Duodenal Nutrient Administration. *The American Surgeon* 2023 Mar 3:31348231161680. doi: 10.1177/00031348231161680. (PMID: 36867071)
23. Ross RC, Heintz EC, Zunica E, Axelrod CL, Townsend RL, Spence AE, Schauer PR, Kirwan JP, **Albaugh VL**. Bariatric Surgery Alters Mitochondrial Function in Gut Mucosa. 2023 *Surgical Endoscopy* Aug 24. doi: 10.1007/s00464-023-10351-z. (PMID: 37620650).

24. Axelrod CL, Dantas WS, Langohr I, Heintz EC, Vandanmagsar B, Yang S, Zunica ERM, Townsend RL, **Albaugh VL**, Berthoud HR, Kirwan JP. Weight-Independent Effects of Roux-en-Y Gastric Bypass Surgery on Remission of Nonalcoholic Fatty Liver Disease in Mice. 2023 *Obesity (Silver Spring)*. 2023 Sep 20. doi: 10.1002/oby.23876. (PMID: 37731222)
25. Docimo S, Aylward L, **Albaugh VL**, Afaneh C, El Djouzi S, Ali M, Altieri M, and Carter JT for the American Society for Metabolic and Bariatric Surgery Clinical Issues Committee. Endoscopic Sleeve Gastroplasty and its Role in the Treatment of Obesity: A Systematic Review. *Surgery for Obesity and Related Diseases* 2023 Nov;19(11):1205-1218. doi: 10.1016/j.soard.2023.08.020. Epub 2023 Sep 16. (PMID: 37813705)
26. Zhang X, Kang K, Yan C, Feng Y, Vandekar S, Yu D, Rosenbloom ST, Gitanjali S, Williams DB, **Albaugh VL**, English WJ, Flynn CR, Chen Y. Enhanced Patient Portal Engagement Associated with Improved Weight Loss Outcomes in Post-Bariatric Surgery Patients. 2024 Enhanced Patient Portal Engagement Associated with Improved Weight Loss Outcomes in Post-Bariatric Surgery Patients. *Journal of Medical Internet Research* 2024 Dec 9;26:e56573. doi: 10.2196/56573. (PMID: 39652378; PMCID: PMC11667139).
27. Samuels JM, **Albaugh VL**, Yu D, Chen Y, Williams DB, Spann MD, Flynn CR, English WJ. Sex- and operation-dependent effects on five-year weight loss results of bariatric surgery. *Surgery for Obesity and Related Diseases* 2024 Jan 30:S1550-7289(24)00038-8. doi: 10.1016/j.soard.2024.01.013. (PMID: 38462409).
28. Wang L, Obrien MT, Zhang X, Chen Y, English WJ, Williams DB, Spann MD, **Albaugh VL**, Shu X, Flynn CR, Yu D. Cardiometabolic Improvements After Bariatric Surgery and Associated Pre-surgery Factors. *Journal of the Endocrine Society* 2024 Mar 14;8(5):bvae027. doi: 10.1210/jendso/bvae027. (PMID: 38487212; PMCID: PMC10939051).
29. Corpodean F, Ross RC, Danos D, Cook M, Schauer PR, **Albaugh VL**. Limitations of the 2015-2021 MBSAQIP Database for Emergency Bariatric Operations. *Surgery for Obesity and Related Diseases* 2024 Mar 24:S1550-7289(24)00117-5. doi: 10.1016/j.soard.2024.03.010 (PMID: 38744641)
30. Corpodean F, Kachmar M, Adepoju L, Danos D, Cook M, Schauer PR, **Albaugh VL**. Insurance payer status affects risk of postoperative Major Adverse Cardiovascular and Cerebrovascular Events following bariatric surgery. 2024 *Surgery for Obesity and Related Diseases* May 8:S1550-7289(24)00174-6. doi: 10.1016/j.soard.2024.04.017. Epub ahead of print. (PMID: 38849260)
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19. Smith NK, Reddy IA, Erreger K, Ghose D, Saunders C, Turner B, Poe A, **Albaugh VL**, Hackett TA, Grueter BA, Abumrad NN, Flynn CR, Galli A. Bariatric surgery controls bile acid signaling and impairs cocaine reward. Society for Neuroscience Annual Meeting, 2017.
20. Feigley A, Chen Z, Banan B, **Albaugh VL**, George L, Niswender K, Flynn CR and Davies S. Administration of NAPE expressing probiotic bacteria inhibit weight gain by increasing sensitivity to CCK. American Diabetes Association, 2017.
21. Bolduc A, **Albaugh VL**, Spann MD, Aher CV, English WJ, Williams DB. Total Small Bowel Length Varies Widely in Patients Undergoing Bariatric Surgery. Obesity Weekend sponsored by the American Society for Metabolic and Bariatric Surgery, 2018.
22. Zhang JB, Tamboli RA, **Albaugh VL**, Williams DB, Kilkelly DM, Grijalva CG, Abumrad NN, Shibao CA. The Incidence of Orthostatic Intolerance After Bariatric Surgery. American Heart Association – High Blood Pressure Council, 2018.
23. Banan B, Wei Y, Simo O, Tso P, Abumrad NN, Flynn CR, Sundaresen S, **Albaugh VL**. Optimization of Mesenteric Lymph Collection in the Mouse. *SAGES Annual Meeting*, 2019.
24. **Albaugh VL**, Sharma G, Tu C, Aminian A. Suboptimal hemoglobin A1C preoperatively is not associated with increased adverse events and should not delay metabolic surgery for diabetes. *International Federation for the Study of Obesity, Annual Meeting*, 2020
25. Aminian A, Al-Kurd A, Wilson R, Bena J, Fayazzadeh H, Singh T, **Albaugh VL**, Shariff FU, Rodriguez NA, Jin J, Brethauer SA, Dasarathy S, Alkhouri N, Schauer PR, McCullough AJ, Nissen SE. Adverse Cardiovascular and Liver Outcomes in Patients with Biopsy-Proven Non-Alcoholic Steatohepatitis (NASH): Comparison of Metabolic Surgery versus Usual Care. *European Society of Cardiology Annual Meeting*, 2021.
26. Axelrod CL, Langohr I, Wagner DS, Townsend RL, **Albaugh VL**, Kirwan JP, Berthoud HR. RYGB Decreases Hepatic Lipid Content to a Greater Extent than Calorie Restriction in Mice with Obesity and NAFLD. *American Diabetes Association*, 2022.
27. Adepoju L, Danos D, Green C, Cook M, Schauer PR, **Albaugh VL**. Postoperative MACE trends after laparoscopic bariatric surgery in the US from 2012-2019 unaffected by high-risk factors. *American Society of Metabolic and Bariatric Surgery Annual Meeting*, 2022. Dallas, TX. *Podium Presentation by Linda Adepoju, MD – Halverson Award Nominee.
28. Ross RC, Heintz EC, Zunica ERM, Townsend RL, Spence AE, Schauer PR, Kirwan JP, Axelrod CL, **Albaugh VL**. Bariatric Surgery Alters Mitochondrial Function in Gut Mucosa. *SAGES Annual Meeting*, 2023.
29. Ross RC, Khan M, Townsend RL, Morrison C, Schauer PR, **Albaugh VL**. Gut-Sensitive, Midbrain Dopaminergic Neurons Respond to Duodenal Nutrient Administration. *18th Annual Academic Surgical Congress*, February 8, 2023. *Podium Presentation by Robert Ross, MD.
30. Ross RC, He Y, Townsend R, Schauer PR, Morison CD, **Albaugh VL**. The Vagus Nerve Mediates Gut-Brain Response to Duodenal Nutrient Administration. *Annual Meeting of the Southeastern Surgical Congress*, 2023. *Podium Presentation by Robert Ross, MD.
31. Ross RC, Garcia J, Spence AE, Danos D, **Albaugh VL**, Schauer PR. Metabolic/Bariatric Surgery Utilization by Blacks is Increasing with Greatest Gains in Extreme Obesity. *Annual Meeting of the American Society for Metabolic and Bariatric Surgery*, 2023. Las Vegas, NV.
32. Ross RC, Stillwell C, Danos D, Cook M, **Albaugh VL**, Schauer PR. Is BMI > 70 Too Heavy for Bariatric Surgery? *Annual Meeting of the American Society for Metabolic and Bariatric Surgery*, 2023. Las Vegas, NV. *Podium Presentation by Robert Ross, MD.

33. Ross RC, Garcia J, Stillwell C, Ducote M, Domangue E, Graham B, Boyer L, Cook M, Jernigan A, Schauer PR, **Albaugh VL**. Women Pursuing Metabolic/Bariatric Surgery Are High Risk for Underlying Endometrial Cancer. *Annual Meeting of the American Society for Metabolic and Bariatric Surgery*, 2023. Las Vegas, NV. *Podium Presentation by Robert Ross, MD.
34. Schauer TH, Ross RC, Townsend RL, Spence AE, **Albaugh VL**. Ileal interposition alters global intestinal function that may drive satiety and beneficial metabolic changes. *American College of Surgeons, Clinical Congress*; Boston, MA. October 2023. *Podium Presentation by Teresa H. Schauer.
35. Wang L, O'Brien MT, Zhang X, Chen Y, English WJ, Williams DB, Spann MD, **Albaugh VL**, Shu X, Flynn CR, Yu D. Cardiometabolic Improvements After Bariatric Surgery and Associated Pre-surgery Factors. *Annual Meeting of The Obesity Society, Obesity Week*, 2023.
36. Corpodean F, Ross RC, Danos D, Schauer PR, **Albaugh VL**. Variations in Emergency Bariatric Surgery: Analysis of the MBSAQIP database. *Academic Surgical Congress*; Washington, DC. February 2024. *Podium Presentation by Florina Corpodean.
37. Kachmar MC, Corpodean F, Danos DM, Cook M, Schauer PR, **Albaugh VL**. Understanding a Rare Event: Early Marginal Ulceration after Primary RYGB in the MBSAQIP 2015-2021. *SAGES Annual Meeting*; Cleveland, OH. April 2024.
38. Domangue E, Graham B, Castellano T, Nair N, Cook M, **Albaugh VL**, Jernigan A. Using a Modified SAMANTA Score to Screen At-Risk Women Seeking Bariatric Surgery for Postmenopausal or Abnormal Uterine Bleeding. *Society for Gynecologic Oncology*, 2024.
39. Kachmar M, Corpodean F, Danos DM, Cook M, 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. *Annual Meeting of the American Society for Metabolic and Bariatric Surgery*, 2024. San Diego, CA.
40. Kachmar M, Corpodean F, Popiv I, Cook M, Schauer PR, Newton RL, **Albaugh VL**. Deprivation Indices Contrast by Payer Status Suggesting Disparities in Access to Care. *Annual Meeting of the American Society for Metabolic and Bariatric Surgery*, 2024. San Diego, CA.
41. Kachmar M, Corpodean F, Popiv I, LaPenna KB, Lenhard D, Cook M, Schauer PR, **Albaugh VL**. Multi-Modal Anti-Obesity Medication May Yield Superior Preoperative Weight Loss in High Risk Patients with BMI ≥ 70 . *Annual Meeting of the American Society for Metabolic and Bariatric Surgery*, 2024. San Diego, CA.
42. Corpodean F, Kachmar M, Popiv I, Lenhard D, Cook M, Schauer PR, **Albaugh VL**. Operating at the Extreme: A Multi-Center Experience on the Safety and Efficacy of Metabolic & Bariatric Surgery at BMI >70 . *Annual Meeting of the American Society for Metabolic and Bariatric Surgery*, 2024. San Diego, CA.
43. Corpodean F, Kachmar M, Popiv I, Saquer S, Lenhard D, Cook M, **Albaugh VL**, Schauer PR. Charting Progress: A Decade Survey of Influential Literature in Metabolic & Bariatric Surgery. *Annual Meeting of the American Society for Metabolic and Bariatric Surgery*, 2024. San Diego, CA.
44. 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 and Bariatric Surgery—A Propensity Matched Analysis. *Annual Meeting of the American Society for Metabolic and Bariatric Surgery*, 2024. San Diego, CA. *Podium Presentation by Florina Corpodean (Top Papers Session) – ASMBS Halverson Award Winner 2024.
45. 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 & Bariatric Surgery. *Annual Meeting of the American Society for Metabolic and Bariatric Surgery*, 2024. San Diego, CA. *Podium Presentation by Florina Corpodean.

46. Schauer TH, Kachmar M, Corpodean F, Popiv I, Lenhard D, Danos DM, Cook M, Schauer PR, **Albaugh VL**. Early Bowel Obstruction Remains Uncommon: A Rare Events Model of the MBSAQIP from 2015-2021. *Annual Meeting of the American Society for Metabolic and Bariatric Surgery*, 2024. San Diego, CA. *Podium Presentation by Teresa Schauer – Halverson Award Nominee.
47. Kachmar M, Corpodean F, Danos DM, Cook M, 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. *Annual Meeting of the American Society for Metabolic and Bariatric Surgery*, 2024. San Diego, CA.
48. Corpodean F, Kachmar M, Cook M, Schauer PR, **Albaugh VL**. Patient Preferences for Bariatric Surgery: Does BMI and Operative Surgeon Make a Difference? *Annual Meeting of the American Society for Metabolic and Bariatric Surgery*, 2024. San Diego, CA.
49. Kachmar M, Corpodean F, LaChute C, Popiv I, Cook MC, **Albaugh VL**, Aminian A, Moraes DL, Tang WH, Schauer PR. Heart Failure Patients Undergoing Metabolic Surgery Reduce Oral Diuretic Use, Improve Body Weight, and Diabetes Control: A Retrospective Study. *Annual Meeting of the American Society for Metabolic and Bariatric Surgery*, 2024. San Diego, CA.
50. Lenhart D, Kachmar M, Corpodean F, **Albaugh VL**, Schauer PR, Cook MC. Robotic Heller Myotomy with Roux-en-Y Gastric Bypass. *Annual Meeting of the American Society for Metabolic and Bariatric Surgery*, 2024. San Diego, CA.
51. Corpodean F, Kachmar M, Cook M, Schauer PR, **Albaugh VL**. Unveiling Financial Impact: How Payor Status Shapes Postoperative Resource Utilization in Metabolic Surgery. *Annual Meeting of the American Society for Metabolic and Bariatric Surgery*, 2024. San Diego, CA.
52. Samuels JM, Want L, English WJ, **Albaugh VL**, Williams DB, Flynn CR, Zhang X, Yu D. Comparing BMI and Body Fat Percentage as Indicators of Persistent Obesity. *Annual Meeting of the American Society for Metabolic and Bariatric Surgery*, 2024. San Diego, CA.
53. 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. *American College of Surgeons, Clinical Congress*, 2024. San Francisco, CA.
54. Girguis MS, **Albaugh VL**, Almandoz J, Lillie M, Spencer JR, Muntner P, Abbasi S, O’Kelly J. Characteristics of Bariatric Surgery Patients in a US HER-Claims Linked Database. *Obesity Week 2024, Annual meeting of The Obesity Society*; San Antonio, TX.
55. Heintz EC, Zunica E, Gosh S, **Albaugh VL**, Axelrod CL, Kirwan JP. Bioenergetic Atlas of Small Intestinal Mucosal Mitochondria. *22nd European Bioenergetics Conference*; Innsbruck, Austria (August 2024) *Podium Presentation by Elizabeth Heintz.
56. 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. *Obesity Week 2024, Annual meeting of The Obesity Society*; San Antonio, TX.
57. 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*; Long Beach, CA. April 2025.
58. 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*; Long Beach, CA. April 2025.

59. Corpodean F, Kachmar M, Lowe A, **Albaugh VL**. Detection of Autonomic Nervous System Changes During Duodenal Glucose Infusion in Humans: A Pilot Study. *Annual Meeting of the Society for Surgery of the Alimentary Tract, Digestive Disease Week*; San Diego, CA. May 2025. *Podium Presentation by Florina Corpodean
60. Corpodean F, Naseri M, Kachmar M, St Amant J, Carmichael OT, **Albaugh VL**. Roux-en-Y Gastric Bypass is associated with increased intestinal glucose uptake in humans. *Annual Meeting of the Society for Surgery of the Alimentary Tract, Digestive Disease Week*; San Diego, CA. May 2025.
61. Corpodean F, Townsend RL, He Y, **Albaugh VL**. Glucose-dependent, Gut-Brain Vagal Signaling is Disrupted in a Mouse Model of High Fat Diet-induced Obesity. *Annual Meeting of the Society for Surgery of the Alimentary Tract, Digestive Disease Week*; San Diego, CA. May 2025.
62. Corpodean F, Kachmar M, Cook MW, **Albaugh VL**, Schauer PR. Heart Failure and Obesity: Key Predictors of Postoperative Thromboembolic Risk. *Annual Meeting of the American Society for Metabolic and Bariatric Surgery*, 2025. Washington, DC.
63. Corpodean F, Kachmar M, Danos D, Cook MW, 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. *Annual Meeting of the American Society for Metabolic and Bariatric Surgery*, 2025. Washington, DC.
64. Corpodean F, Kachmar M, Cook MW, **Albaugh VL**, Schauer PR. The Heart of the Matter: Understanding Bariatric Surgery Risks in Heart Failure Patients. *Annual Meeting of the American Society for Metabolic and Bariatric Surgery*, 2025. Washington, DC.
65. Kachmar M, Corpodean F, Galvani C, Cook MW, Danos D, Hughes DA, Schauer PR, **Albaugh VL**. Higher BMI Patients are Receiving Disproportionally Less Surgical Care Over Time Despite Population Growth: Analysis of the NSQIP (2005-2022). *Annual Meeting of the American Society for Metabolic and Bariatric Surgery*, 2025. Washington, DC. *Podium Presentation by Michael Kachmar
66. Corpodean F, Kachmar M, Cook MW, Schauer PR, **Albaugh VL**. Impact of Preoperative Liver Disease on Postoperative Outcomes in Bariatric Surgery: Lessons from the 2023 MBSAQIP Database. *Annual Meeting of the American Society for Metabolic and Bariatric Surgery*, 2025. Washington, DC.
67. Kachmar M, Corpodean F, Galvani C, Cook MW, Al-Efishat M, Lyons JM, Schauer PR, **Albaugh VL**. High BMI is Associated with Reduced Access to Oncologic Surgical Care: Analysis of the NSQIP (2005-2022). *Annual Meeting of the American Society for Metabolic and Bariatric Surgery*, 2025. Washington, DC. *Podium Presentation by Michael Kachmar
68. Corpodean F, Kachmar M, Cook MW, Schauer PR, **Albaugh VL**. Disparities in Cancer Screening: Insights from the BRFSS Database on Obesity and Preventive Care. *Annual Meeting of the American Society for Metabolic and Bariatric Surgery*, 2025. Washington, DC. *Podium Presentation by Florina Corpodean (Top Papers Session)
69. Kachmar M, Corpodean F, Galvani C, Cook MW, Danos D, **Albaugh VL**, Schauer PR. Preoperative BMI Reduction is Associated with Decreased Length of Stay and May Reduce Serious Complications in High BMI Groups. *Annual Meeting of the American Society for Metabolic and Bariatric Surgery*, 2025. Washington, DC. *Podium Presentation by Michael Kachmar
70. Corpodean F, Kachmar M, Schauer PR, **Albaugh VL**, Cook MW. Going the distance: Impact of Travel Distance of Postoperative Outcomes following Metabolic and Bariatric Surgery. *Annual Meeting of the American Society for Metabolic and Bariatric Surgery*, 2025. Washington, DC.
71. Kachmar M, Garcia Navas HJ, Corpodean F, Galvani C, Cook MW, **Albaugh VL**, Schauer PR. Belly Flop! Symptomatic Displacement of Remnant Stomach One Year after Sleeve to Gastric Bypass Conversion: A Case Report. *Annual Meeting of the American Society for Metabolic and Bariatric Surgery*, 2025. Washington, DC. *Podium Presentation by Michael Kachmar (Top Videos Session)

72. Kachmar M, Corpodean F, Galvani C, Cook MW, Schauer PR, **Albaugh VL**. Massive Hepatomegaly and Undiagnosed Polycystic Liver Disease at the time of Laparoscopic Sleeve Gastrectomy. *Annual Meeting of the American Society for Metabolic and Bariatric Surgery*, 2025. Washington, DC.
73. Bunch H, Corpodean F, Kachmar M, Nor Hanipah Z, **Albaugh VL**, Schauer PR. Postoperative Nutrient Deficiencies in Metabolic Surgery: A 3-Year Follow-up of Distal RYGB and SADI/BPD Patients. *Annual Meeting of the American Society for Metabolic and Bariatric Surgery*, 2025. Washington, DC.
74. Kachmar M, Jordan E, Corpodean F, Galvani C, Hechenbleikner EM, Schauer PR, **Albaugh VL**, Cook MW, Shin TH. GERD as a Risk Factor for Postoperative Complications in the MBSAQIP: Implications for Preoperative Evaluation. *Annual Meeting of the American Society for Metabolic and Bariatric Surgery*, 2025. Washington, DC.
75. Corpodean F, Kachmar M, Drews K, Dinh D, Nor Hanipah Z, Schauer PR, **Albaugh VL**. Outcomes of Metabolic and Bariatric Surgery in Adolescents and Young Adults: A Comparison of BMI Categories. *Annual Meeting of the American Society for Metabolic and Bariatric Surgery*, 2025. Washington, DC.
76. Nor Hanipah Z, Ramirez S, Salehin M, Popuri K, Beg M, Schauer PR, Heymsfield SB, **Albaugh VL**. Longitudinal Changes in Hepatic Steatosis following Roux-en-Y gastric bypass. *Obesity Week 2025*; Atlanta, GA.
77. Corpodean F, Kachmar M, Yang S, Schauer PR, Cook MC, **Albaugh VL**. Worsening Obesity Severity is Associated with Increased Cardiometabolic and Renal Disease Burden Nationally. *Obesity Week 2025*; Atlanta, GA. *Podium Presentation by Florina Corpodean (Ethan Sims Young Investigator Award Finalist)
78. Nor Hanipah Z, Ramirez S, Salehin M, Popuri K, Beg M, Schauer PR, **Albaugh VL**, Heymsfield SB. Longitudinal Analysis of Body Composition following Roux-en-Y gastric bypass. *Obesity Week 2025*; Atlanta, GA.

Oral Presentations at National Scientific Meetings

1. Lynch CJ, **Albaugh VL**, Henry C, Halle B, Hajnal A. Acute Lowering of Plasma Glucose and Leptin Appear to Explain the Hyperphagia and Weight Gain in a Model of Atypical Antipsychotic Drug-Induced Obesity. *Obesity Research* 2005 13(supp); A33. Annual meeting of NAASO, The Obesity Society; Vancouver, British Columbia.
2. **Albaugh VL** and Lynch CJ. Olanzapine-induced obesity in rats: early metabolic changes appear to explain sex-dependence. *Obesity* 2006 14(supp); 11OR. Annual meeting of NAASO, The Obesity Society; Boston, Massachusetts.
3. **Albaugh VL** and Lynch CJ. Olanzapine Increases Whole-body Lipid Utilization and Cardiac Work while Decreasing Cardiac Fuel Availability. The 24th Annual National MD/PhD Student Conference; Keystone, Colorado. July 2009.
4. **Albaugh VL** and Lynch CJ. Olanzapine rapidly stimulates shifts in peripheral fuel section and increases whole-body lipid fuel oxidation. Mid-Atlantic Diabetes Symposium, National Institutes of Health, NIDDK; Bethesda, Maryland. September 2009.
5. **Albaugh VL**, Meng Q, Culnan DM, Pan M, Lynch CJ, Lang CH, Cooney RN. Roux-en Y Gastric Bypass alters intestinal glucose transport. *Journal of the American College of Surgeons* 2009 209; 3(1): S12-S13. American College of Surgeons, Clinical Congress; Chicago, IL. October 2009.
6. **Albaugh VL**, Culnan DM, Sun M, Jetton TL, Lang CH, Lynch CJ, Cooney RN. Roux-en-Y Gastric-Bypass improves glucose homeostasis and insulin sensitivity in the Zucker Diabetic Fatty Rat. American College of Surgeons, Clinical Congress; Washington D.C. October 2010.
7. **Albaugh VL**, Cai S, Williams PE, Abumrad NN, Flynn CR. Biliary diversion to the distal ileum results in metabolic improvements similar to gastric bypass in mice. Winner – Ethan Sims Young Investigator Award at Obesity Week 2015. *Obesity* 2015 T-OR-2077

8. **Albaugh VL**, Williams DB, Aher CV, Spann MD, English WJ. Prevalence of thiamine deficiency is significant in patients undergoing primary bariatric surgery. *Obesity Week*, 2019; Las Vegas, NV. Presentation of Distinction Nominee

Oral Presentations at Regional and Local Scientific Meetings

1. **Albaugh VL**. Olanzapine-induced obesity in rats: early metabolic changes appear to explain sex-dependence. The Penn State Diabetes Center Research Retreat; State College, Pennsylvania (April 2007).
2. **Albaugh VL**. Olanzapine-Induced Obesity and Insulin Resistance in Rats: Early Metabolic Changes Appear to Explain Sex-dependence. 20th Annual Graduate Student Research Forum, Penn State College of Medicine; Hershey, Pennsylvania (March 2008).
3. **Albaugh VL**. Mechanisms of Olanzapine-Induced Obesity in Rodents. The Annual Penn State College of Medicine MD/PhD Program Retreat; State College, Pennsylvania (April 2008).
4. **Albaugh VL**, Judson JG, Lynch CJ. Olanzapine Causes Nutrient Repartitioning Leading to Increased Adiposity in Male Rats. The Penn State Institute for Diabetes & Obesity Research Congress, 2009. State College, Pennsylvania (March 2009).
5. **Albaugh VL**. Olanzapine Increases Cardiac Work while Decreasing the Availability of its Preferred Fuel, Non-Esterified Fatty Acids. Research Day 2009, Departments of Medicine and Cellular & Molecular Physiology, Penn State College of Medicine (June 2009).
6. **Albaugh VL**, Singareddy RK, Mauger DT, Lynch CJ. Olanzapine Acutely Increases Circulating Triglycerides, Lowers FFA, Impairs Oral Glucose Tolerance and Decreases HDL Cholesterol: A Randomized Trial of the Metabolic Effects of Olanzapine in Healthy Volunteers. Penn State Institute for Diabetes & Obesity Research Summit; State College, Pennsylvania (March 2011).
7. Flynn CR, **Albaugh VL**, Cai S, Cheung-Flynn, Williams PE, Bordenstein SR, Wasserman DH, Abumrad NN. Bile diversion to the distal small intestine has comparable metabolic benefits to bariatric surgery. Tennessee Chapter of the American College of Surgeons, Regional Meeting (August 2015).
8. **Albaugh VL**. *Metabolic & Bariatric Surgery: Much more than just restriction and malabsorption*. The 2016 Southeastern Regional Metabolic and Bariatric Surgery Conference, sponsored by the American Society for Metabolic and Bariatric Surgery; Nashville, TN (May 2016).
9. **Albaugh VL**, Abumrad NN, Flynn CR. *Bile diversion to the ileum in lean mice results in improvement in oral glucose tolerance in the absence of confounding variables associated with obesity and weight loss*. Annual meeting of the Tennessee Chapter of the American College of Surgeons; Memphis, TN (July 2016).
10. **Albaugh VL**. *Trust your gut – the Driver of the Metabolic Benefits of Bariatric Surgery*. Invited speaker, 2018 Southeastern Regional Metabolic and Bariatric Surgery Conference, sponsored by the American Society for Metabolic and Bariatric Surgery; Nashville, TN (May 2018).
11. **Invited Speaker**. *The GI Tract as a Therapeutic Target for Obesity and Diabetes*. Yale Department of Surgery Research Interest Group, Yale University School of Medicine; New Haven, CT (March 2020).
12. **Invited Speaker**. *Weight-Independent Effects of Weight Loss Surgery – a Role for Bile Acids?* Visiting Professor Lecture Series, Pennington Biomedical Research Center; Baton Rouge, LA (April 2020).
13. **Invited Speaker**. *Metabolic Surgery and the Gut-Brain Axis*. Louisiana Chapter, American Society for Metabolic and Bariatric Surgery; New Orleans, LA (August 2022).
14. **Invited Speaker**. *Metabolic Surgery: How did we get here?* Gastroenterology Grand Rounds; Tulane University School of Medicine (May 2023).

15. **Featured Expert.** *Combining Anti-Obesity Medications with Metabolic Surgery – The Future of Obesity Treatment.* Joint meeting of the Louisiana Obesity Society and the Louisiana Chapter of the American Society for Metabolic and Bariatric Surgery; New Orleans, LA (August 2023).
16. **Invited Speaker.** *The Science of Obesity Treatment: New Drugs Based on Proven Operations.* Fall meeting of the Northwest Louisiana Medical Society. Shreveport, LA (November 2023).
17. **Invited Speaker.** *The Path to Success: Always More Than One Road*, hosted by the Medical Scientist Training Program at Pennsylvania State University College of Medicine; Hershey, PA (April 2024).

Invited National and International Speaking Invitations/Panel Member/Moderator

1. **Invited Speaker.** *Modeling Unexpected Drug Side Effects to Identify Novel Therapeutic Targets for Obesity.* Annual United States Department of Agriculture Scholars Undergraduate Research Symposium; Virginia Polytechnic Institute and State University, Blacksburg, VA (August 2008).
2. **Panelist/Presenter.** *Decision Making on the Path to Residency and Beyond*, and *So you want to be a surgeon-scientist?* American College of Surgeons Clinical Congress Medical Student Program; Washington, DC (October 2013).
3. **Lead Moderator.** Medstro® *New England Journal of Medicine* Group Open Forum, @NEJM *Ask the Author and Experts: “Breaking the Silence of the Switch — Increasing Transparency about Trainee Participation in Surgery”* (June 2015).
4. **Lead Moderator.** Medstro® *New England Journal of Medicine* Group Open Forum, @NEJM *Ask the Author and Experts: “Weight Loss and Health Status 3 Years after Bariatric Surgery in Adolescents”* (January 2016).
5. **Session Chair and Moderator.** Session: Bariatric Surgery, Obesity Week 2016; annual joint meeting of The Obesity Society and the American Society for Metabolic and Bariatric Surgery, New Orleans, LA (November 2016).
6. **Featured Expert.** Medstro® *New England Journal of Medicine* Group Open Forum, @NEJM *Ask the Author and Experts: “Simulation of Growth Trajectory of Childhood Obesity into Adulthood”* (November 2017).
7. **Featured Expert.** Medstro® *New England Journal of Medicine* Group Open Forum, @NEJM *Resident 360: “Physician-Scientists: Endangered Species or an Evolving Breed”* (May 2018).
8. **Invited Speaker.** *Mouse Models of Bariatric Surgery – Common Pitfalls and Clinical Application.* Session: Approaches to Studying Mouse Models of Obesity, Obesity Week 2018, sponsored by The Obesity Society and the Vanderbilt Mouse Metabolic Phenotyping Center; Nashville, TN (November 2018).
9. **Session Chair/Moderator.** Session: Bile Acids, Bariatric Surgery, and Resolution of Co-morbidities: It’s No Soap (At Least Not Just Soap). Obesity Week 2018; joint plenary session sponsored by The Obesity Society and the American Society for Metabolic and Bariatric Surgery, Nashville, TN (November 2018).
10. **Invited Speaker.** *The Pathway to becoming a Surgeon-Scientist*, hosted by the Medical Scientist Training Program at Vanderbilt University School of Medicine (November 2020).
11. **Invited Speaker.** *Metabolic Surgery: How did we get here?* Integrative Health Chapter of the ASMBS, Bariatric Coordinator Training Course. American Society of Metabolic and Bariatric Surgery Annual Meeting; Dallas, TX (June 2022).
12. **Featured Expert.** *The Best of Both Worlds for the Treatment of Severe Obesity: Combining Surgical and Medical Management Approaches.* Session: sponsored symposium at the American Society of Metabolic and Bariatric Surgery Annual Meeting. Haymarket Medical Education; Dallas, TX (June 2022).

13. **Invited Speaker.** *Association of Bariatric Surgery with Major Adverse Liver and Cardiovascular Outcomes in Patients With Biopsy-Proven Nonalcoholic Steatohepatitis.* Session: Top 10 Papers in the Past 5 Years. International Federation for the Surgery of Obesity, 25th Annual IFSO World Congress; Miami, FL. (August 2022)
14. **Session Chair and Featured Expert.** *Leveraging the Benefits of Anti-Obesity Medications: Best Practices for Bariatric Surgery.* Session: sponsored symposium at the American Society of Metabolic and Bariatric Surgery Annual Meeting. Haymarket Medical Education; Las Vegas, NV (June 2023).
15. **Invited Speaker,** *Why do we call it metabolic?* Session: Weight Loss: From Mind to Gut. Integrative Health Chapter of the ASMBS. American Society of Metabolic and Bariatric Surgery, Obesity Weekend; New Orleans, LA (October 2023).
16. **Invited Speaker.** *The Gut-Brain Axis as a Major Regulator of Body Weight and the Efficacy of Bariatric Surgery.* 23rd Annual International Symposium, The Pathophysiology of Obesity: What Matters The Most? Université Laval Obesity Research Center; Québec City, Canada (November 2023).
17. **Invited Speaker,** *Weight Loss – From Mind to Gut.* Lunch and Learn Virtual Webinar sponsored by the Communications Committee of the Integrative Health Chapter of the ASMBS (November 2023).
18. **Invited Moderator,** *Gut Feelings: Interoceptive Contributions to Obesity and Disorders of Gut-Brain Interaction.* National Institute of Diabetes, Digestive, and Kidney Diseases; National Institutes of Health, Bethesda, MD (May 2024).
19. **Invited Speaker,** *Intraoperative Core Needle Biopsy – How I do it.* Annual meeting of the American Society of Metabolic and Bariatric Surgery; San Diego, CA (June 2024).
20. **Invited Speaker,** *Biological Mechanisms of Metabolic/Bariatric Surgery.* Session: Updates in Metabolic Surgery and Obesity Care. American College of Surgeons Clinical Congress; San Francisco, CA (October 2024).
21. **Invited Moderator,** *Bariatric/Foregut III Scientific Session.* American College of Surgeons Clinical Congress; San Francisco, CA (October 2024).
22. **Invited Speaker,** *Total Alimentary Limb Length Does Not Predict Weight Loss Following Primary Roux-en-Y gastric bypass: a review of distal bypass and distalization techniques.* Bariatric Happy Hour and Journal Club, American Society for Metabolic and Bariatric Surgery (April 2025).
23. **Invited Speaker,** *“If We Don’t Want to Use BMI for Surgical Access, then Why Keep It as a Main Outcome?”* Session: Beyond BMI. Annual meeting of the American Society for Metabolic and Bariatric Surgery; Washington, DC (June 2025).
24. **Invited Speaker,** *“Who would have thought it? An operation proves to be the most effective therapy for adult-onset diabetes mellitus.”* Session: Essential Papers You Need to Know. Annual meeting of the American Society for Metabolic and Bariatric Surgery; Washington, DC (June 2025).

Significant Internal Presentations:

1. **Albaugh VL.** *Antipsychotic-Induced Obesity in Rodents.* Grand Rounds, Department of Psychiatry, Penn State College of Medicine and Milton S. Hershey Medical Center (August 2007).
2. **Albaugh VL.** *Mechanisms of the Metabolic Side Effects of Atypical Antipsychotics.* Penn State College of Medicine, Department of Cellular & Molecular Physiology, Physiology Graduate Program Seminar Series. Hershey, Pennsylvania. (August 2009).
3. **Albaugh VL.** *Wait...Who thought that was a good idea? Experimental Metabolic Operations of the 20th Century.* Surgical Grand Rounds, Section of Surgical Sciences, Vanderbilt University Medical Center (September 2015).

4. **Albaugh VL.** *Metabolic Surgery: Origins and the Future.* Surgical Grand Rounds, Section of Surgical Sciences, Vanderbilt University Medical Center (May 2019).
5. **Albaugh VL.** *Rearranging the Gastrointestinal Tract to Identify Targets for Metabolic Disease.* Department of Biological Sciences Seminar Series, Louisiana State University (January 2021).
6. **Albaugh VL.** *Using the Intestine to Identify Targets for Metabolic Diseases.* Louisiana State University School of Veterinary Medicine and Our Lady of the Lake Regional Medical Center, Translational Science Grand Rounds (May 2021).
7. **Albaugh VL.** *Work in Progress I – Translational and Integrative Gastrointestinal and Endocrinology Research Lab.* Pennington Biomedical Research Center; Baton Rouge, LA (October 2021).
8. **Albaugh VL.** *Work in Progress II – Translational and Integrative Gastrointestinal and Endocrinology Research Lab.* Pennington Biomedical Research Center; Baton Rouge, LA (June 2023).
9. **Albaugh VL.** *Wait – what? How does bariatric surgery work?* Grand Rounds, Department of Surgery, Louisiana State University Health Sciences Center, New Orleans, LA (January 2024).
10. **Albaugh VL.** *The Pathway to becoming a Surgeon-Scientist,* hosted by the Medical Scientist Training Program at Louisiana State University Health Sciences Center; New Orleans, LA (February 2024).
11. **Albaugh VL.** *Work in Progress III – Translational and Integrative Gastrointestinal and Endocrinology Research Lab.* Pennington Biomedical Research Center; Baton Rouge, LA (February 2025).
12. **Albaugh VL.** *Obesity & Cancer Care: Challenges in Screening, Detection, and Treatment.* 59th Annual Cohn-Rives Surgical Society Research Symposium, Department of Surgery, Louisiana State University Health Sciences Center; New Orleans, LA (March 2025)