

Curriculum Vitae

Vance L. Albaugh, MD, PhD

Assistant Professor of Metabolic Surgery

Address/Contact

Office Address: Pennington Biomedical Research Center
Metamor Institute
6400 Perkins Road, N2003
Baton Rouge, Louisiana 70808

Email: vance.albaugh@pbrc.edu

Place of Birth: Latrobe, Pennsylvania, USA

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: Najj N. Abumrad, MD
Project: *Mechanisms of Bile Acid Signaling and Metabolism following Gastric Bypass*,
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, The American Board of Surgery #065687, originally issued December 2019
- Drug Enforcement Agency License Registration, originally issued June 2014 (expires 6/2023)
- Louisiana Medical License #324727 (expires 10/31/2023)
- Louisiana CDS License, CDS.059020-MD (expires 11/6/2023)
- 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 Trauma & Life Support Certification, Exp 6/2017
- Advanced Cardiovascular Life Support Certification, Exp 5/2021
- 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.
- Metabolic & Bariatric Surgical Fellowship Training Certificate; American Society for Metabolic and Bariatric Surgery, 12/2020
- Fellow of the American College of Surgeons (FACS), 10/2022
- Fellow of the American Society for Metabolic and Bariatric Surgery (FASMBS), 10/2022

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	Our Lady of the Lake Regional Medical Center, Our Lady of the Lake Ascension – St. Elizabeth’s Hospital, Pennington Biomedical Research Center of Louisiana State University; Baton Rouge, LA; Faculty Physician
2021 – 2022	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

Professional Organizations

The Obesity Society	2006 – 2011, 2015 – Present
American College of Surgeons.....	2009 – Present
American Society for Metabolic & Bariatric Surgery.....	2012 – Present
Society of American Gastrointestinal & Endoscopic Surgeons.....	2013 – Present
Society for Surgery of the Alimentary Tract.....	2014 – Present
Society for the Study of Ingestive Behavior	2023 – Present
Southern Society for Clinical Investigation	2021 – 2022
American Physiological Society	2004 – 2011, 2020 – 2022
Association for Academic Surgery.....	2013 – 2019
American Diabetes Association	2006 – 2011

Professional Service

Editorial Boards:

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

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)
- International Journal of Obesity (2017, 2018)
- Psychoneuroendocrinology (2018)
- Gastroenterology (2016, 2018, 2019)
- Cell Metabolism (2019)
- Journal of Clinical Medicine (2020)
- Nutrients (2020)
- Bioengineering (2020)
- Scientific Reports (2020)
- Journal of Visualized Experiments (2017, 2021)
- Journal of Surgical Research (2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 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)
- Surgery for Obesity and Related Diseases (2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023)
- Obesity (2021, 2022, 2023)
- eBioMedicine (2023)

- 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)

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)

- **Chair**, Complex Case Conference, Metamor Institute, Pennington Biomedical Research Center and Our Lady of the Lake Regional Medical Center (2021-Present).

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)

- **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).
- **Expert Panelist**, *New Insights in Metabolic Surgery & Eating Behavior*, Metabolic Surgery Grand Rounds; Encore Medical Education (2022).
- **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.

Other Education and Professional Training:

- ***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 business and 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.*

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-weigh-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 YUMC 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/>

Teaching Activity

Undergraduate Lectures/Courses

1. **Invited Lecturer**, *Does body weight have anything to do with nutrition?* Nutrition & Food Sciences 110 (NFS110), Louisiana State University School of Nutrition and Food Sciences (September 2021).
2. **Invited Lecturer**, *A Non-Traditional Career for the Veterinary Technician Student*. Baton Rouge Area Community College, Veterinary Technician Certification Program (March 2023).

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, *Cholelithiasis 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).

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, BA, MS (8/2016-7/2017)	Graduate/Masters Student, Vanderbilt University	Medical Student 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 Vanderbilt University
10	Clint Stillwell, MD (8/2022-7/2023)	Metabolic & Bariatric Surgical Fellow, Pennington Biomedical/LSU Health Sciences Center	Clinical Practice
11	Jesus Garcia, MD (8/2022-7/2023)	Metabolic & Bariatric Surgical Fellow, Pennington Biomedical/LSU Health Sciences Center	Clinical Practice
12	Amanda Spence (6/2022-Present)	LSU Undergraduate Student Biology/Pre-Medicine	Current Research Assistant
13	Teresa Schauer (11/2022-Present)	Research Assistant, TIGER Lab Pennington Biomedical Research Center	Current Research Assistant

14	Florina Corpodean, MD (Starting 7/2023)	Metabolic Surgery Research Fellow, Pennington Biomedical Research Center	Current Research Fellow
15	Michael Kachmar, DO (Starting 8/2023)	Metabolic Surgery Research Fellow, Pennington Biomedical Research Center	Current Research Fellow
16	Iryna Popiv, MD (Starting 8/2023)	Metabolic & Bariatric Surgical Fellow, Pennington Biomedical/LSU Health Sciences Center	Current Clinical Fellow
17	Devan Lenhart, MD (Starting 8/2023)	Metabolic & Bariatric Surgical Fellow, Pennington Biomedical/LSU Health Sciences Center	Current Clinical Fellow
18	Kaleigh Johnston (7/2023-Present)	Microsurgical Technician, TIGER Lab Pennington Biomedical Research Center	Current Surgical Technician
19	Yonas Teklu, MD (Starting 8/2024)	Metabolic & Bariatric Surgical Fellow, Pennington Biomedical/LSU Health Sciences Center	Incoming Clinical Fellow

Research Program

Current Funded Projects:

- 8/1/2021 – Present *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), ClinicalTrials.gov: pending
- 7/1/2022 – Present *Improving Endometrial Cancer Cure for Louisiana Women*
Baton Rouge Health District Launchpad Pilot Funding
Role: Principal Investigator (Total Funds: \$30,000).
- 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).

Current Non-funded Projects:

- 8/1/2016 – 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](https://clinicaltrials.gov/ct2/show/study/NCT02872493)
- 2/10/2017 – Present *Longitudinal Database of Metabolic and Bariatric Surgical Outcomes*
Vanderbilt University Medical Center (IRB#170246)
Role: Co-Principal Investigator
- 12/2021 – Present *Case Series of Naringenin and Beta Carotene in Obesity*
Pennington IRB: n/a
Role: Co-Investigator, Recruitment
- 2/2022 – Present *A Pilot Study of the Safety and Efficacy of Gelesis100 after Bariatric Surgery*
Pennington IRB: *pending*
Role: Principal 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](https://clinicaltrials.gov/ct2/show/study/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 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)

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 and 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. Epub ahead of print. (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. Epub ahead of print. (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. Axelrod CL, Dantas WS, Langohr I, Heintz EC, Vandannagsar 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 (in press)*
24. 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. 2023 *Surgery for Obesity and Related Diseases (in press)*
25. 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 (revised, in review)*
26. Feng Y, Li X, Yin Z, Yu D, **Albaugh VL**, Srivastava G, Williams DB, Ikramuddin S, Zhang R, Flynn CR, English WJ, Chen Y. Unveiling Variations in Care Coordination for Bariatric Surgery: A Network Analysis Across Operation Phases, Patient Subgroups, and COVID-19 Eras. 2023 *Journal of the American Medical Informatics Association (in preparation)*
27. **Albaugh VL**, Weinberg JL, Spann MD, Williams DB, Flynn CR, English WJ. Common channel length does not affect weight loss following Roux-en-Y gastric bypass. *Surgery for Obesity and Related Diseases (in review)*
28. **Albaugh VL**, Yu D, Chen Y, Williams DB, Spann MD, Flynn CR, English WJ. Sex-dependent weight loss associated with long-term weight loss outcomes following metabolic and bariatric surgery *(in preparation)*
29. Corpodean F, 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. 2023 *Obesity Surgery (in preparation)*
30. Ross RC, Townsend RL, **Albaugh VL**. A method for long-term intestinal feeding tubes in murine models. *(in preparation)*

Books, Book Chapters and Invited Reviews

1. Mukherjee K, **Albaugh VL**, Richards JE, Rumbaugh KG, May AK. Glycemic control in critically ill surgical patients: risks and benefits. *Open Access Surgery* 2015 (8)27-42. doi: 10.2147/oas.s50416

2. **Albaugh VL**, Flynn CR, Tamboli RA, Abumrad NN. Recent Advances in Metabolic and Bariatric Surgery. *F1000Research* 2016 May 24;5. pii: F1000 Faculty Rev-978. doi: 10.12688/f1000research.7240.1. eCollection 2016. Invited Review. (PMCID: PMC4879937).
3. **Albaugh VL**, Pinzon-Guzman C, Barbul A. Arginine – Dual Roles as an Onconutrient and Immunonutrient. *Journal of Surgical Oncology*. 2016 Nov 11. doi: 10.1002/jso.24490. (PMID: 27861915)
4. **Albaugh VL**, Banan B, Ajouz H, Abumrad NN, Flynn CR. Bile acids and bariatric surgery. *Molecular Aspects of Medicine* 2017 Apr 5. pii: S0098-2997(16)30118-2. doi: 10.1016/j.mam.2017.04.001. (PMCID: PMC5603298)
5. **Albaugh VL**, Stewart MK, and Barbul A. (2017) Cellular and Physiological Effects of Arginine in Seniors. In Watson RR (Ed.), Nutrition and Functional Foods for Healthy Aging. Philadelphia, PA: Elsevier (pp 317-336)
6. **Albaugh VL** and Abumrad NN. Nutritional Requirements in Healthy Adults. (2017) In: Handbook of Nutrition and the Kidney, 7th Edition. Philadelphia, PA: Wolters Kluwer (pp. 1-15).
7. Hunley TE, **Albaugh VL**, Kon V. Pathogenesis of Hypertension and Renal Disease in Obese Children. In: Freemark M. (eds) Pediatric Obesity: Etiology, Pathogenesis and Treatment. New York, NY: Springer (pp. 463-495).
8. **Albaugh VL** and Barbul A. Arginine. In Brenner’s Online Encyclopedia of Genetics in the Reference Module for the Life Sciences, 2nd Edition. Philadelphia, PA: Elsevier.
9. **Albaugh VL**, Mukherjee K, Barbul A. Proline precursors and collagen synthesis: biochemical challenges of nutrient supplementation and wound healing. *Journal of Nutrition* 2017 Oct 4. pii: jn256404. doi: 10.3945/jn.117.256404. (PMCID: PMC5657141)
10. **Albaugh VL**, Pinzon-Guzman C, Barbul A. Arginine Metabolism in Cancer: A Valid Therapeutic Target? *Journal of Nutritional Oncology*. 2017 Dec;2(4): 15-23.
11. **Albaugh VL**, Breitman I, Abumrad NN. Metabolic and Inflammatory Responses to Trauma and Infection. In Fischer’s Mastery of Surgery. 7th Edition. Ed. Fischer JE. Philadelphia, PA: Wolters Kluwer Health/Lippincott Williams & Wilkins, 2018. 1-45.
12. **Albaugh VL** and Abumrad NN. Surgical Treatment of Obesity. *F1000Research* 2018, 7(F1000 Faculty Rev):617 (doi: 10.12688/f1000research.13515.1) (PMID: 29904577)
13. Flynn CR, **Albaugh VL**, Abumrad NN. Metabolic effects of Bile Acids: Potential Role in Bariatric Surgery. *Cellular and Molecular Gastroenterology and Hepatology* 2019 May 7. pii: S2352-345X(19)30059-1. doi: 10.1016/j.jcmgh.2019.04.014. (PMID: 31075353)
14. **Albaugh VL**, Schauer PR, Aminian A. How the Sleeve Works (Metabolically). In: The Perfect Sleeve Gastrectomy: A Clinical Guide to Evaluation, Treatment, and Techniques. 1st Edition. Eds. Gagner M., Cardoso A., Palermo M., Noel P., Nocca D. Springer International Publishing, 2020. 63-76.
15. English WJ and **Albaugh VL**. Metabolic and Bariatric Surgery. In: Primary Care Obesity. 1st Edition. Eds. Kushner, Bessesen, and Tsai. Philadelphia, PA: Wolters Kluwer Health/Lippincott Williams & Wilkins, 2021.
16. **Albaugh VL**, Kindel TL, Nissen SE, Aminian A. Cardiovascular Risk Reduction in Metabolic and Bariatric Surgery. *Surgical Clinics of North America* 2021 Apr;101(2):269-294. doi: 10.1016/j.suc.2020.12.012. (PMID: 33743969)
17. Berthoud HR, **Albaugh VL**, Neuhuber WL. Gut-brain communication and obesity: understanding the functions of the vagus nerve. *Journal of Clinical Investigation* 2021 May 17;131(10):e143770. doi: 10.1172/JCI143770. (PMID: 33998597; PMCID: PMC8121510)

18. Khan MS, Spann RS, Münzberg H, Yu S, **Albaugh VL**, He Y, Berthoud HR, Morrison CD. Protein appetite at the interface between nutrient sensing and physiological homeostasis. *Nutrients*. 2021 Nov 16;13(11):4103. doi: 10.3390/nu13114103. (PMID: 34836357; PMCID: PMC8620426)
19. **Albaugh VL**, Münzberg H, Morrison CD, Yu S, Berthoud HR. Regulation of Body Weight: Lessons Learned from Bariatric Surgery. *Molecular Metabolism* 2022 May 26:101517. doi: 10.1016/j.molmet.2022.101517. (PMID: 35644477)
20. **Albaugh VL**, Axelrod C, Kirwan JP. Physiology Reconfigured: How does Bariatric Surgery lead to Diabetes Remission? 2023 *Endocrinology and Metabolism Clinics of North America* Mar;52(1):49-64. doi: 10.1016/j.ecl.2022.06.003. Epub 2022 Nov 14. (PMID: 36754497)
21. Ross RC, **Albaugh VL** and Schauer PR. Cardiovascular Disease Risk Reduction after Bariatric Surgery. In Cameron's Current Surgical Therapy (*in press*).
22. Ross RC, Akinde YM, Schauer PR, LeRoux C, Brenan D, Jernigan AM, Bueter M, **Albaugh VL**. The Role of Bariatric and Metabolic Surgery in the Development, Diagnosis, and Treatment of Endometrial Cancer. *Frontiers in Surgery* 2022 Aug 31;9:943544. doi: 10.3389/fsurg.2022.943544. (PMID: 36117808; PMCID: PMC9470773).
23. Ross RC, **Albaugh VL** and Schauer PR. Diabetes and Other Metabolic Diseases. In Fischer's Mastery of Surgery. 8th Edition. Ed. Ellison EC and Upchurch GR. Philadelphia, PA: Wolters Kluwer Health/Lippincott Williams & Wilkins, 2022 (*in press*).
24. Ross RC, **Albaugh VL**, Aminian A, Schauer PR. Surgical Procedures in the Treatment of Obesity and Its Comorbidities. Handbook of Obesity. 5th Edition. Ed. Bray and Bouchard. London: CRC Press, 2022 (*in press*).

Letters to the Editor, Book Reviews, Editorials

1. **Albaugh VL** and English WJ. *Invited Editorial*: What is the Impact on the Healthcare System if access to bariatric surgery is delayed? *Surgery for Obesity and Related Diseases*. 2017 <http://dx.doi.org/10.1016/j.soard.2017.04.029> (PMID: 28576680)
2. **Albaugh VL**. *Invited Commentary*: Does bariatric surgery affect breast milk composition? *Journal of Nutrition*. 2018 Jul 1;148(7):1071-1072. doi: 10.1093/jn/nxy110. (PMID: 29982647)
3. **Albaugh VL**. *Invited Editorial*: Greater Curvature as a Gastric Pouch for Sleeve Gastrectomy: A Novel Bariatric Procedure. Feasibility Study in a Canine Model. *Surgery for Obesity and Related Diseases*. 2018; 14(12):1820-1821 (PMID: 30545593)
4. **Albaugh VL**. *Invited Editorial*: Prevalence of Obstructive Sleep Apnea in Asian bariatric Population – An Underdiagnosed Dilemma. *Surgery for Obesity and Related Diseases*. 2020 Mar 29. pii: S1550-7289(20)30146-5. doi:10.1016/j.soard.2020.03.017. (PMID: 32334973)
5. **Albaugh VL**. *Invited Editorial*: Knowledge, attitudes and behaviors of women during pregnancy after bariatric surgery. *Surgery for Obesity and Related Diseases*. 2020 Jul;16(7):930-931. doi: 10.1016/j.soard.2020.04.001. (PMID: 32386852)
6. **Albaugh VL**. *Invited Editorial*: Comment on “Fecal metagenomics and metabolomics reveal gut microbial changes after bariatric surgery.” *Surgery for Obesity and Related Diseases*. 2020 Aug 22;S1550-7289(20)30470-6. (PMID: 32962897)
7. **Albaugh VL** and Kirwan JP. *Invited Editorial*: Potential Benefits and Harms of Gastric Bypass Surgery in Obese Individuals With Type 1 Diabetes: A Nationwide, Matched, Observational Cohort Study. Practice Update website. Available: <https://www.practiceupdate.com/content/potential-benefits-and-harms-of-gastric-bypass-surgery-in-obese-individuals-with-type-1-diabetes/107938/65/8/1>

8. **Albaugh VL.** *Invited Editorial:* “The relation between postprandial glucagon-like peptide-1 release and insulin sensitivity before and after bariatric surgery in humans with class II/III obesity.” *Surgery for Obesity and Related Diseases*. 2021 Jun 12;S1550-7289(21)00286-0. doi: 10.1016/j.soard.2021.05.032. (PMID: 34210589).
9. **Albaugh VL.** *Invited Editorial:* “Is there a common etiology for dumping syndrome and post-bariatric hypoglycemia?” 2021 *Surgery for Obesity and Related Diseases* Jun 29;S1550-7289(21)00308-7. doi: 10.1016/j.soard.2021.06.011. (PMID: 34266779).
10. **Albaugh VL.** *Invited Editorial:* “Outcomes of Bariatric Surgery in Extreme Obesity: Results from the United Kingdom National Bariatric Surgery Registry for patients with Body Mass Index over 70 kg/m²” 2021 *Surgery for Obesity and Related Diseases*. 2021 Jun 24;S1550-7289(21)00309-9. doi: 10.1016/j.soard.2021.06.012. (PMID: 34266777).
11. **Albaugh VL.** *Invited Editorial:* “The Effect of Sleeve Ablation of Gastric Mucosa on Body Weight and Glucose Homeostasis in the Rat.” *Surgery for Obesity and Related Diseases* 2021 Dec;17(12):1994-1995. doi: 10.1016/j.soard.2021.08.017. Epub 2021 Aug 28. (PMID: 34561170)
12. **Albaugh VL** and Aminian A. Letter to the Editor – Diabetes Control before Metabolic Surgery. *Surgery for Obesity and Related Diseases* 2021 Nov 12;S1550-7289(21)00538-4. doi: 10.1016/j.soard.2021.11.005. Epub ahead of print. (PMID: 34893440)
13. **Albaugh VL.** *Invited Editorial:* “Measures of glucose homeostasis during and after duodenal exclusion using a duodenal-jejunal bypass liner in a normal glycemic, nonobese canine model.” *Surgery for Obesity and Related Diseases* 2022 Jun;18(6):702-703. doi: 10.1016/j.soard.2022.03.014. Epub 2022 Apr 1. (PMID: 35469756)
14. **Albaugh VL.** *Invited Editorial:* “Resting State Network Functional Connectivity Pre- and Post-Bariatric Surgery.” *Surgery for Obesity and Related Diseases*. 2023 Jul;19(7):680. doi: 10.1016/j.soard.2023.01.011. Epub 2023 Jan 20. (PMID: 36801167)
15. **Albaugh VL.** *Invited Editorial:* “Glycemic Variability and Hypoglycemia before and after Roux-en-Y Gastric Bypass and Sleeve Gastrectomy – a cohort study of females without diabetes.” *Surgery for Obesity and Related Diseases*. 2023 (in press)

Abstracts

1. **Albaugh VL**, Henry CR, Halle BE, Lynch CJ. Topiramate prevents the rapid weight gain and adiposity in a model of atypical antipsychotic drug-induced obesity. *FASEB* 2005 19(1); A1130-A1131.
2. **Albaugh VL** and Lynch CJ. Lowered plasma glucose and leptin precede hyperphagia in an animal model of atypical antipsychotic drug-induced obesity. Penn State Diabetes Research Congress, 2005. State College, Pennsylvania.
3. **Albaugh VL** and Lynch CJ. Role of glucose, insulin and leptin in olanzapine-induced hyperphagia in rats. *Diabetes* 2006 Jun 55(supp); A594-95. American Diabetes Association, Washington, D.C.
4. **Albaugh VL** and Lynch CJ. Olanzapine acutely impairs glucose tolerance and insulin sensitivity in male rats in the absence of body weight gain and hyperphagia observed in female rats. Penn State Diabetes Research Congress, 2006. Harrisburg, Pennsylvania.
5. **Albaugh VL** and Lynch CJ. Mechanisms of insulin resistance and obesity caused by atypical antipsychotic drugs. Penn State Institute for Diabetes and Obesity Research Congress, 2008. Hershey, Pennsylvania.
6. Culnan DM, **Albaugh VL**, Sun MJ, Lang CH, Lynch CJ and Cooney RN. Ileal Interposition Improves Insulin Sensitivity in the Zucker Rat. *Journal of the American College of Surgeons* 2009 209; 3(1): S12-S13.
7. **Albaugh VL** and Lynch CJ. Olanzapine increases adiposity in male rats by decreasing physical activity and partitioning nutrients away from muscle and towards fat. *Obesity* 2009 17; 11(supp): S99-S99, 179P.

8. **Albaugh VL**, Judson JG and Lynch CJ. Using Unexpected Drug Side Effects to Identify Novel Therapeutic Targets for Diabetes and Obesity. Penn State University Graduate Exhibition, 2009. University Park, Pennsylvania.
9. **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, causing metabolic inflexibility in rodents. 2010 Days of Molecular Medicine, Karolinska Institutet; Stockholm, Sweden.
10. **Albaugh VL**, Vary T, Singareddy R, Mauger D, Ilkayeva O, Wenner BR, Lang CH, Lynch CJ. Atypical Antipsychotics Stimulate Shifts in Peripheral Fuel Selection and Increase Whole-Body Lipid Fuel Oxidation. Mid-Atlantic Diabetes Symposium, National Institutes of Health, NIDDK. October 2010.
11. **Albaugh VL**, Singareddy RK, Mauger DT, Ilkayeva O, Wenner BR, Lynch CJ. Olanzapine decreases fatty acids and impairs glucose tolerance in rodents and humans. *FASEB* 2011; 25:1062.4
12. **Albaugh VL**, Singareddy RK, Mauger DT, Lynch CJ. In Humans, Olanzapine Acutely Elicits Some But Not All of the Same Endocrine-Metabolic Changes That Precede Increased Adiposity In Rodent Models. *Diabetes* 2011 60:A442-A521
13. Panganiban RP, Davis SA, **Albaugh VL**, Lynch CJ. Obesity/Diabetes-prone Atypical Antipsychotics Elicit a Rapid Metabolic Toxicity in Mice Treated with CPT1 Inhibitors. *Diabetes* 2011 60:A442-A521
14. Flynn CR, **Albaugh VL**, Cai S, Abumrad NN. Bile diversion to the distal, but not proximal intestine, achieves weight loss and metabolic improvements similar to Roux-en-Y gastric bypass. 2014 XXIII International Bile Acid Meeting, “Bile Acids as Signal Integrators and Metabolic Mediators.” Freiburg, Germany.
15. Tamboli RA, Sha F, Sidani RM, **Albaugh VL**, Eckert EA, Abumrad NN. Intestinal Lipid Sensing Does Not Play a Role in the Regulation of Glucose Metabolism in Humans. 2015 *Diabetes* 64, A527-A528.
16. Reddy IA, Flynn CR, Erreger K, Ghose D, Saunders C, Poe A, **Albaugh VL**, Grueter B, Abumrad NN, Galli A. Attenuated cocaine reward in surgical and drug models of altered bile acid signaling. 2015, Southeast Regional Medical Scientist Training Program Annual Meeting, Vanderbilt University School of Medicine.
17. Reddy IA, Erreger K, Ghose D, Turner B, Saunders C, Poe A, **Albaugh VL**, Grueter B, Abumrad NN, Flynn CR, Galli A. Cocaine conditioned reward in surgical, pharmacologic, and genetic models of altered bile acid signaling. Federation of European Neuroscience Societies Annual Meeting, 2016.
18. **Albaugh VL**, Abumrad NN, Flynn CR. Bile diversion to the ileum improves glucose tolerance by improved pancreatic function in the absence of confounding variables associated with obesity or weight loss. Keystone Symposium, “*Bile Acid Receptors as Signal Integrators in Liver and Metabolism*”, March 2017.
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*. *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, Morrison 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*.

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 selection 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 – 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).

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, Virginia (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/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 (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, 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. Haymaker 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, Florida. (August 2022)
14. **Session Chair/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?* Integrative Health Chapter of the ASMBS. American Society of Metabolic and Bariatric Surgery, Obesity Weekend (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, Canada (November 2023).

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 – Translational and Integrative Gastrointestinal and Endocrinology Research Lab.* Pennington Biomedical Research Center; Baton Rouge, LA (October 2021).
8. **Albaugh VL.** *Work in Progress – Translational and Integrative Gastrointestinal and Endocrinology Research Lab.* Pennington Biomedical Research Center; Baton Rouge, LA (June 2023).
9. **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 (November 2023).
10. **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).