CURRICULUM VITAE

**DEMOGRAPHIC AND PERSONAL INFORMATION**

**Current Appointments**

University

2020-present Assistant Professor of Surgery, The Johns Hopkins University School of Medicine, Division of Minimally

Invasive Surgery

Hospital

2020-present Medical Staff, Sibley Memorial Hospital, Washington, DC

2021-present Medical Staff, The Johns Hopkins Hospital, Baltimore, MD

2021-present Medical Staff, Suburban Hospital, Bethesda, MD

**Education and Training**

Undergraduate

2005-2009 B.S., University of Georgia, Athens, GA. Biology/Psychology double major, graduated cum laude

Doctoral/graduate

Doctoral/Graduate

2010-2014 M.D., St. George’s University School of Medicine, Grenada, West Indies

Postdoctoral

2014-2019 Resident, General Surgery, University at Buffalo, State University of New York, Buffalo, NY.

Mentors: Dr. Steven Schwaitzberg, Dr. James “Butch” Rosser

2019-2020 Fellow, Advanced GI/Foregut Surgery, The Oregon Clinic at Providence Cancer Institute, Portland, OR.

Mentors: Dr. Lee Swanstrom, Dr. Christy Dunst, Dr. Steven DeMeester, Dr. Kevin Reavis

**Professional Experience**

2020-present Minimally Invasive General, Bariatric and Foregut Surgery, Johns Hopkins University, Sibley Memorial

Hospital, Washington, DC.

**PUBLICATIONS**:

Original Research [OR]

1. Fletcher RN, Dunst CM, Abdelmoaty WF, Alicuben ET, Shemmeri E, **Parker BC**, Müller D; Sharata AM, Reavis KM, Bradley DD, Bildzukewicz NA; Louie BE, Lipham JC, DeMeester SR. “Safety and Efficacy of Magnetic Sphincter Augmentation Dilation.”Surg Endosc. 2021 Jul;35(7):3861-3864. *[provided weekly review and editing]*

2. McKay S, Sharata AM, Fletcher RN, Reavis KM, Bradley DD, DeMeester SR, Müller DT, **Parker BC**, Swanström LL, Dunst CM. “POEM: Clinical Outcomes Beyond 5 Years.” Surg Endosc. 2021 Oct;35(10):5709-5716.*[provided weekly review and editing]*

3. **Parker BC**, Beard K, Fletcher RN, Sharata AM, Müller DT, Haisley K, Reavis KM, Bradley DD, DeMeester SR,

Swanström LL, Dunst CM. “Can We Identify Patients Appropriate for Same-Day Discharge After Laparoscopic

Fundoplication?” J Laparoendosc Adv Surg Tech A. 2022 Feb;32(2):132-136.

4. Müller DT, **Parker BC**, Fletcher RN, Sharata AM, Bradley DD, DeMeester SR, Reavis KM, Swanstrom LL,

Dunst CM. "High Resolution Manometry in a Functioning Fundoplication – Establishing a Standard Profile."

Ann Surg. 2022 Dec 1;276(6):e764-e769. [*provided weekly review and editing, and database analysis*]

5. **Parker BC**, Fletcher R, Eisa AB, Reavis KM, Bradley DD, Halpin VJ, Swanstrom LL, Dunst CM. “The Impact of Body Mass Index on Recurrence Rates Following Laparoscopic Paraesophageal Hernia Repair.” Foregut. 2022 June; 3(2): 172-182.

6. Pflüger MJ, Coker AM, Zosa BM, Adrales GL, & **Parker BC**. “To wean or not to wean: proton pump inhibitor

management after anti-reflux surgery amongst foregut experts.” Surgical Endoscopy. 2024. <https://doi.org/10.1007/s00464-024-10910-y>

7*.* Canto MI, Diehl DL, **Parker BC**, Abu-Dayyeh BK, Kolb JM, Murray M, Sharaiha RZ, Brewer Gutierrez OI,

Sohagia A, Khara HS, Janu P, Chang K. “Outcomes of Transoral Incisionless Fundoplication (TIF 2.0): A Prospective, Multicenter Cohort Study in Academic and Community Practices (with video)”. Gastrointest Endosc. 2024 Sep 16:S0016-5107(24)03453-9. PMID: 39293690. https://doi.org/10.1016/j.gie.2024.08.016

8. Thanawiboonchai T, Rodrigues AC, Zevallos A, Shojaeian F, **Parker BC**, Zosa BM, Coker AM, Adrales GL.

“Single-Port versus Multi-Port Laparoscopic and Robotic Inguinal Hernia Repair: A Systematic Review and Network Meta-Analysis.” Surgical Endoscopy. 2024.

Review Articles [RA]

1. Rosser JC, Vignesh V, Terwilliger BA, **Parker BC**. “Surgical and Medical Applications of Drones: A Comprehensive Review.” Journal of the Society of Laparoendoscopic Surgeons. 2018;22(3).

2. Rosser JC, **Parker BC**, Vignesh V. “Medical Applications of Drones for Disaster Relief: A Review of the

Literature.” Surgical Technology International. 2018;33:17-22.

3. Keyloun J, **Parker BC**. “Endoscopic versus Surgical Myotomy for Achalasia: A RevieW”. Journal of Translational Gastroenterology. 2025.

Case Reports [CR]

1. **Parker BC**, Burns TR, Schwaitzberg SD. “Preoperative Preparation for Elective Laparoscopic Cholecystectomy using Spinal Anesthesia: A Case Report.” MOJ Surg. 2016;3(1):15‒16.

2. **Parker BC.** “Laparoscopic Congenital Right Diaphragmatic Hernia Repair with Mesh.” Epublication WebSurg Online University of IRCAD. May 2021;29(06). URL:<https://websurg.com/en/doi/vd01en6310/>

3. **Parker BC**, Dinary F, Kumbhari V, Louie BE. “Endoscopic Removal of an Eroded LINX® Device Using a Mechanical Biliary Lithotriptor”. Foregut. Volume 2. Issue 1. December 2021.

Book Chapters, Monographs [BC]

1. **Parker BC,** Fung EC. Esophageal Achalasia: Endolumenal Therapy. In Lim RB(ed). “Multidisciplinary Approaches to Common Surgical Problems.” 1st Ed. Springer Nature, Switzerland. 2019.

2. **Parker BC,** Swanstrom LL. “Surgery for Esophageal Motor Disorders-Achalasia/DES/Jackhammer and EGJOO.” In Richter JE, Castell DO(ed). The Esophagus, 6th Ed.Wiley Publishing Company. 2020

3. **Parker BC,** Reavis KM**. “**Managing GERD in Difficult Situations: Redo Surgery.” In Camacho D(ed). Benign Esophageal Disease: Modern Surgical Approaches and Techniques.Springer Nature, Switzerland. 2021

4. **Parker BC**, Keyloun J. “Endoluminal Therapy for GERD: Including TIF and cTIF.” In Swanstrom L(ed). Mastery of Laparoscopic and Endoscopic Surgery. Wolters Kluwer, Netherlands. 2025.

Methods and Techniques, “How I Do It” articles [MT]

1. Pfluger MJ, Brewer-Gutierrez O, **Parker BC**. “How I do it – Transoral incisionless fundoplication with concomitant hiatal hernia repair (cTIF)”. Digestive Disease Interventions. August 2024.

Guidelines/Protocols, Consensus Statement, Expert Opinion, Consortium Articles [GL]

2025 SAGES Quality, Outcomes, and Safety (QOS) Committee Delphi Survey: Expert and Evidence-Based

Consensus Recommendations for Pain Management in Elective Abdominal Surgery.

White Papers [WP]

2024 White Paper for American Foregut Society: Surgical Options for GERD After Bariatric Surgery.

Consensus statement.

Media Releases or Interviews [MR]

2023 Concomitant Transoral Incisionless Fundoplication (cTIF): An Innovative Anti-reflux Procedure. Video

produced and released by Johns Hopkins Medicine marketing team highlighting a new procedure. <https://youtu.be/26rpodkXi3s?feature=shared>

**CLINICAL ACTIVITIES**

Clinical Focus

1. Upper gastrointestinal foregut surgery (heartburn, swallowing disorders, Barrett’s esophagus, diaphragmatic hernias, benign and malignant disease of the stomach and esophagus)

2. Minimally invasive general surgery (robotic techniques, Enhanced Recovery After Surgery (ERAS) protocols)

3. Advanced flexible endoscopy (submucosal endoluminal surgery, stenting, dilations, enteral access, endoFLIP)

4. Bariatric Surgery

Certification

Medical, other state/government licensure

10/2020-present District of Columbia Board of Medicine, Full, Active

8/2020-present Maryland Board of Physicians, Full, Active

1/2019 Oregon Medical Board, Full, Inactive

Board certification

12/2019-present Board Certified, American Board of Surgery

Other specialty certification

2017 SAGES Fundamentals of Endoscopic Surgery (FES) Certification

2017 SAGES Fundamentals of Laparoscopic Surgery (FLS) Certification

2019 SAGES Fundamental Use of Surgical Energy (FUSE) Certification

2017 Intuitive Surgical da Vinci Si Robotic Training Certificate

2020 Intuitive Surgical da Vinci Xi Robotic Training Certificate

2022 IRCAD France Upper GI Robotic Surgery Advanced Training Certificate

2023 Fellow of the American College of Surgeons (FACS)

Clinical (Service) Responsibilities

2022 Program Coordinator, Johns Hopkins Adv.GI/MIS Fellowship at Sibley

2022 Surgical Director of Johns Hopkins Heartburn Center, Sibley Memorial Hospital

2023 Program Director, Johns Hopkins Adv.GI/MIS Fellowship at Sibley

Clinical Demonstration Activities to external audience, on or off campus

2019 Assistant surgeon, Advanced Hernia Techniques and Technologies Symposium. Educational program hosted by BARD and FSIE consists of didactic sessions and live surgical demonstrations focusing on laparoscopic surgery with intraoperative feed to teach technical tips and tricks to visiting surgeons.

2020 Assistant surgeon, Hernia University Virtual Global Hernia Platform Live Webcast. An internationally broadcasted surgical demonstration of Laparoscopic paraesophageal hernia repair with Collis gastroplasty and fundoplication.

2023 Endogastric Solutions Clinical Observership Program

Physicians from across the East coast join me monthly in the OR to observe and learn the concomitant transoral incisionless fundoplication (cTIF) procedure.

**EDUCATIONAL ACTIVITIES**

**Educational Focus**

My educational focus is the teaching of minimally invasive surgical techniques. I enjoy breaking down the fundamentals of laparoscopic, endoscopy, and robotic surgery and teaching these to trainees. Surgical simulation and skills acquisition are also an educational interest of mine. I have been an Instructor for a nationally recognized laparoscopic suturing program (Top Gun) and also serve on national societal committees regulating the standardized assessment of these skills (FLS, FES, FUSE).

**Teaching**

Classroom instruction

Regional

2015 Lecturer, general surgery residents, “Achalasia and Achalasia Variants.”PGY-2 Grand Rounds lecture for the University at Buffalo Department of Surgery, Buffalo, NY.

2016 Lecturer, general surgery residents, “Basic Principles of Laparoscopic Surgery”.PGY-3 Grand Rounds lecture for the University at Buffalo Department of Surgery, Buffalo, NY.

2017 Lecturer, medical students, residents and attendings. “Anorectal Malformations: Laparoscopic versus Open repair.”University at Buffalo Neonatal-Pediatric Surgery Joint Conference. Women and Children’s Hospital, Buffalo, NY.

2017 Lecturer, medical students, residents, and attending surgeons. “John R. Border Memorial Lectureship Series: Current Surgical Management of Flail Chest.” Annual keynote trauma lectureship hosted by University at Buffalo at Erie County Medical Center.

2017 Lecturer, general surgery residents, “Surgical Management of Inflammatory Bowel Disease.”PGY-4 Grand Rounds lecture for the University at Buffalo Department of Surgery, Buffalo, NY.

2018 Lecturer, UB general surgery residents, “Surgical Treatment of Gastroparesis.”Current literature reviewed & presented for the Dept. of Surgery, University at Buffalo, Buffalo, NY.

2021-present Lecturer, JHU general surgery residents, “High Resolution Esophageal Manometry: A Surgeon’s Perspective”. Quarterly teaching session for rotating trainees on the JHU Ravitch MIS surgical service.

2021-present Lecturer, JHU general surgery residents, “Minimally Invasive Options for Anti-Reflux Surgery”. Quarterly teaching session for rotating trainees on the JHU Ravitch MIS surgical service.

2021-present Examiner, JHU Mock Oral Exams. Provided simulated oral board scenarios for the annual JHU resident mock oral examination.

National *None*

International *None*

Clinical instruction

2015 Instructor, Top Gun Laparoscopic Skills and Suturing Program, Florida Hospital, Orlando, FL. Completed a three-day laparoscopic skills instructor course.

2017 Instructor, Top Gun Laparoscopic Skills Program, Grant Regional Medical Center, Lancaster, WI. Conducted a four-day surgical nursing education seminar focused on basic laparoscopic skills, room setup, and operative outlines.

2021 Instructor, Johns Hopkins University MISTIC laboratory. Hands-on demonstration of fundamentals of endoscopy and laparoscopy series for JHU residents.

2021-present Attending Surgeon, Sibley Memorial Hospital MIS Service. Provided intraoperative mentorship and instruction to the many JHU surgical oncology fellows rotating on our service.

2024 DocMatter Clinical Lead. Act as a key opinion leader for the EndoGastric Solutions online medical community.

CME instruction

Regional

2020 Faculty Lecturer, Sibley Memorial Hospital Grand Rounds, Washington, DC. “Minimally Invasive

Paraesophageal Hernia Repair in the Modern Era: A Review”.

2023 Faculty Lecturer, Johns Hopkins Dept. of Surgery Grand Rounds, Baltimore, MD. “Wrap Wars: The

Evolution of Anti-reflux Surgery”.

National

2020 Faculty Lecturer, “FUSE 3.0: Ultrasonic Devices.” SAGES TV Live Resident Webinar.

2020 Speaker, “Management of Paraesophageal Hernias with Obstruction”. Hawaii International Foregut Symposium. Medical and Surgical Aspects of Esophageal and Foregut Disorders: Pathophysiology and Treatment. Hosted by the Foundation for Research and Education in Esophageal and Foregut Disease.

International *None*

Workshops /seminars

Regional

2017 Event Coordinator/Instructor, surgical trainees and physicians, Society of Laparoendoscopic Surgeons Top Gun Laparoscopic Skills Competition, 2017 SLS Annual Meeting, San Francisco, CA. Coordinated and proctored surgical skills exhibit, instructed conference participants throughout a two-day laparoscopic skills competition.

2022-present Lecturer, Sibley Weight Loss Center Patient Education Seminar. Monthly surgeon-led live webinar educating patients on weight loss surgery, and hosting a Q&A session afterwards.

2022 Faculty Lecturer, “ A Women’s Journey”. Johns Hopkins Medicine women's health conference. Bethesda North Marriott Hotel and Conference Center. Ask the Expert Session educating women in the local community on metabolic surgery and new medical advances.

National

International

Educational Program Building / Leadership

2018 Residency Program Representative, American College of Surgeons Residents as Teachers and Leaders Course, Chicago, IL. Three-day course focused on the essential nonclinical skills needed for success as a lifelong teacher, leader, and practicing surgeon.

2023 Program Director, Advanced GI/Minimally Invasive Surgery Fellowship at Sibley Memorial. I organized and led the development of the inaugural minimally invasive surgical fellowship at Johns Hopkins. I also led the approval and accreditation process through the Fellowship Council.

**RESEARCH ACTIVITIES**

**Research Focus**

I am primarily interested in clinical outcomes studies surrounding the surgical care of gastroesophageal disorders. My primary research focus is evolving techniques and surgical innovation, as well as standardized delivery of care.

**Research Program Building / Leadership**

2021 National TIF (Transoral Incisionless Fundoplication) Registry Investigator. Received approval at Sibley

Memorial Hospital to contribute and participate in a IRB approved multi-institutional collaborative research collective for this new technique and technology.

2021 Reflux in the Obese undergoing Surgery or Endoscopy (ROSE) Project. Enrolled Sibley

Memorial Hospital into this IRB-approved multi-institutional research endeavor to study how common

GERD is in obese patients before and after weight loss surgery.

2022 Enterra Therapy for the Treatment of Chronic, Intractable Nausea and Vomiting Due to

Gastroparesis. Contributed patients to the ongoing IRB approved outcomes study for this humanitarian device.

2022 Outcomes after Transoral Incisionless Fundoplication (TIF) Following Successful Endoscopic

Ablation for Barrett's Esophagus (BEAT Trial): A Multicenter Prospective Clinical Trial. I am actively enrolling patients into this IRB approved study.

**Research Demonstration Activitie**s to external audience, on or off campus *None*

2022 SAGES RPS (Reimagining the Practice of Surgery) task force study. Interviewed and gave feedback

regarding how to find and retain joy in surgical practice, and determined professional or personal roadblocks to prevent this.

2024 Speaker, Gastroenterology and Hepatology International Webinar, 7th Edition. Presented my research at

a Scientific Session to an international audience of gastroenterologists, surgeons, internists, and healthcare professionals from related fields via an online Zoom platform.October 21, 2024. <https://gastroenterology-hepatology.org/> .

2024 Research Outreach Magazine. Spotlight article featuring my research on PPI use, highlighting its pivotal

aspects and also disseminated this content via social media platforms to enhance.

**ORGANIZATIONAL ACTIVITIES**

Institutional Administrative Appointments

2014-2016 Member, University at Buffalo Dept. of Surgery Resident Leadership Committee

2022 Institutional Champion, SAGES Fundamental Use of Surgical Energy (FUSE), The Johns

Hopkins Minimally Invasive Surgical Training and Innovation Center (MISTIC)

2022 Program Coordinator, Johns Hopkins Advanced GI & Minimally Invasive Surgery Fellowship at Sibley

2022 Sibley Center for Weight Loss Surgery Quality Improvement Committee

2023 Director, Sibley Memorial Hospital General Surgery Robotics Steering Committee

2023 Program Director, Johns Hopkins Advanced GI & Minimally Invasive Surgery Fellowship at Sibley

Journal peer review activities

2019 Journal of the Society of Laparoendoscopic Surgeons. Resident Manuscript Review Initiative

2019 Surgical Innovation

2020-present Surgical Endoscopy (Journal of SAGES)

2023-present Journal of Surgical Research

Advisory Committees, Review Groups/Study Sections

2019-2022 SAGES, Fundamentals of Laparoscopic Surgery (FLS) Committee

2020-2022 American Foregut Society Advisory Sub-Committee: Guidelines in Establishing a Foregut Center

of Excellence

2019-2022 SAGES, Fundamental Use of Surgical Energy (FUSE) Committee

2019-present SAGES, Flexible Endoscopy Committee

2020-present American Foregut Society Robotics Committee

2020-present American Foregut Society Clinical Practice Committee

2022-present SAGES Foregut Committee

2022-present SAGES Fundamentals of Endoscopic Surgery (FES) Committee

2024-present SAGES OpVoid Opioid Reduction Task Force Co-Chair

Professional Societies

2004 Member, Order of the Arrow, Boy Scouts of America National Honor Society

2008 Member, National Scholars Honor Society

2011 Member, Iota Epsilon Alpha International Medical Honor Society

2013 Member, American Geriatric Society (AGS)

2014-present American College of Surgeons (ACS)

2014 Member

2020 Associate Fellow

2023 Fellow (FACS)

2015-present Society of American Gastrointestinal and Endoscopic Surgeons (SAGES)

2015-present Member

2018-2020 FUSE Champion, University at Buffalo liaison

2020-present FUSE Champion, Johns Hopkins University

2017-2022 Member, Society of Laparoendoscopic and Robotic Surgeons (SLRS)

2018-present Member, American Society for Metabolic and Bariatric Surgery (ASMBS)

2019-present Member, American Foregut Society (AFS)

2020-present Member, Medical Society of the District of Columbia (MSDC)

2021-present Member, Society for Surgery of the Alimentary Tract (SSAT)

Conference Organizer

Regional *None*

National

2016 Exhibit Coordinator, SAGES Top Gun Laparoscopic Skills Competition, 2016 SAGES Annual Meeting, Boston, MA.

2017 Exhibit Coordinator, SAGES Top Gun Laparoscopic Skills Competition, 2017 SAGES Annual Meeting, Houston, TX.

International *None*

Consultantships

2024-present Merit Medical, consultant

2024-present Symphera, consultant, Scientific Advisory Board

2023-2024 EndoGastric Solutions, consultant

**RECOGNITION**

Awards, Honors

2014 Theodore C. Jewett Jr., MD Gold Star Resident of the Year Award, University at Buffalo.

2017 Society of Laparoendoscopic Surgeons Resident Achievement Award.

2019 SAGES/IRCAD France Visiting Fellowship Award. I was selected by this national society for funded

travel to Strasbourg, France to learn cutting-edge robotic upper GI surgery technique.

2021 Sibley JHM Clinical Award for Innovations in Clinical Care. Presented to the Sibley Center for Weight

Loss Surgery.

2023 Washingtonian Magazine Top Doctor in General Surgery Award. Peer nominated award from physicians

in the National Capital Region.

2024 Sibley JHM Clinical Award for Innovations in Clinical Care. Presented to Dr. Parker, Dr. Gutierrez & The Gastrointestinal Surgery Team for novel anti-reflux surgical technique.

2024 Washingtonian Magazine Top Doctor in General Surgery Award. Peer nominated award from physicians

in the National Capital Region.

Invited Talks

Regional

2017 “The Importance of a Complete Foregut Workup.” Invited to present at the quarterly meeting of the Buffalo Surgical Society, Buffalo, NY.

2019 “Esophageal Cancer: MIS Techniques for Prevention, Screening, Treating, & Resecting.” Chief Resident Grand Rounds lecture for the Department of Surgery, University at Buffalo, Buffalo, NY.

2024 Sibley Foundation Young Professionals Banquet. Invited talk on the impact of GERD and Barrett’s esophagus on Men's Health.

National

2017 **Parker BC**, Rosser JB. “An Objective and Systematic Approach to the Diagnosis/Treatment of GERD.”Center for Advanced Treatment of Heartburn, Grant Regional Medical Center*.* Ted Talk style Spotlight Presentation, 2017 Society of Laparoendoscopic Surgeons Annual Meeting, San Francisco, CA.

2024 “How to Implement cTIF into your Foregut Practice”. Invited lecture in Buffalo,NY to physicians interested in this new antireflux procedure. Sponsored by EndoGastric Solutions.

2024 “Advantages of GI and Surgery Collaboration”. Invited to talk in Washington, DC to 40 gastroenterologists and surgeons attending Digestive Disease Week conference on how to build a multi-disciplinary approach to treating patients with GERD.

2024 “cTIF: Ask the Expert” SAGES 2024 Annual Conference, Cleveland, OH. One hour Q&A session in the Exhibit Hall about my experience with transoral endoscopic fundoplication in treating GERD.

News and Public Relations

2021 “Innovative Approaches to Minimally Invasive Foregut Surgery”. Featured video for BroadcastMed GI Newsletter: <https://www.broadcastmed.com/gastroenterology/5225/videos/innovate-approaches-to-minimally-invasive-foregut-surgery?pk_campaign=joh_surgery_NL&pk_kwd=gastro_05_25_21&mktId=3059454&mkt_tok=ODI0LVhPRy0wNTQAAAF9SLS6q3IVGMFl-JF7b1BNp6VkaJvrS-H5J_cKtx1CXw0dtYKuM5tbeXNKQc4BYsYA_kwDV1uS1RBREfQIoVYr6FynbEdt8N_yd-mcUG6sSkQp>

2022 “Minimally Invasive Approaches for Patients with Acid Reflux”. Article featured in Johns Hopkins

Surgery e-newsletter.

<https://clinicalconnection.hopkinsmedicine.org/news/minimally-invasive-approaches-for-patients-with-acid-reflux>

2022 Johns Hopkins Clinical Connection. Provider faced Physician Q&A on Paraesophageal Hernia Surgery. <https://clinicalconnection.hopkinsmedicine.org/videos/paraesophageal-hernia-surgery?et_rid=762081440&et_sid=4213207&utm_source=SFMC&utm_medium=Email&utm_campaign=ClinicalConnection&utm_content=Surgery>

2022 Faculty Speaker, Johns Hopkins Clinical Connection. Provider faced Round-table discussion on GERD and Barrett’s Esophagus. <https://clinicalconnection.hopkinsmedicine.org/videos/gerd-and-barrett-s-esophagus-who-are-operative-candidates-and-what-we-can-offer>

2022 “New Procedure for Gastroesophageal Reflux Disease May Yield Improved Outcomes for Certain

Patients”. Featured article on Johns Hopkins Clinical Connection. <https://clinicalconnection.hopkinsmedicine.org/news/new-procedure-for-gastroesophageal-reflux-disease-may-yield-improved-outcomes-for-certain-patients>

2023 “Bariatric Surgery Case Study – Gastric Bypass with ICG Leak Test”. Featured article in the Johns

Hopkins Clinical Connection demonstrating a new surgical technique. <https://clinicalconnection.hopkinsmedicine.org/news/bariatric-surgery-case-study-gastric-bypass-with-icg-leak-test>

2024 "To wean or not to wean: proton pump inhibitor management after anti-reflux surgery amongst foregut

experts." Article selected to be featured in the Upper Gastrointestinal Tract Section of the STITCHES newsletter, which collects and organizes academic surgical papers in sub-specialties.

**OTHER PROFESSIONAL ACCOMPLISHMENTS**

Posters

2013 Gul Z, **Parker BC**, Steel S, Parulekar M. “The Value of Percutaneous Endoscopic Gastrostomy/ Percutaneous Endoscopic Jejunostomy Procedures in Older Patients.*”* Department of Geriatrics, Hackensack University Medical Center. American Geriatrics Society 2013 Annual Scientific Meeting. Grapevine, TX. Journal of the American Geriatrics Society. 61:S70,2013.

2013 **Parker BC**, Malik M, Yates J, Munver R. “Robot Versus Laparoscopic Adrenalectomy; A Comparison of Techniques.” Division of Urology, Hackensack University Medical Center. 31st World Congress of Endourology and SWL. New Orleans, LA. Journal of Endourology. 2013 (27); 1.

2018 **Parker BC**, Tabak B, McGrath J, Butsch JB, Savo A. “A Rare Intramural Extrahepatic Biliary Hemangioma Presenting as Obstructive Jaundice in Childhood.” Department of Surgery, University at Buffalo, Women and Children’s Hospital of Buffalo. IPEG 27th Annual Congress for Endosurgery in Children, Seattle, WA.

2020 **Parker BC**, Beard KW, Fletcher RN, Sharata AM, Muller D, DeMeester SR, Reavis KM, Bradley DD, Dunst CM, Swanstrom LL. “Can We Identify Patients Appropriate for Same Day Discharge After Laparoscopic Fundoplication*?”* Society of American Gastrointestinal and Endoscopic Surgeons Annual Meeting, Virtual.

2025 Keyloun J, Mertz A, Gutierrez OB, **Parker BC**. "Investigating the Utility of EndoFLIP as a screening tool for pathologic reflux". Poster presentation at SAGES 2025 annual meeting. Manuscript pending.

2025 Woldehana NA, Jung A, **Parker BC**, Coker AM, Haut ER, Adrales GL. “Clinical outcomes of

Laparoscopic Vs. Robotic-Assisted Cholecystectomy in Acute Care Surgery”. Poster presentation at SAGES 2025 annual meeting. Manuscript pending.

2025 Thanawiboonchai T, Shojaeian F, Woldehana NA, Zevallos A, Rodrigues ACL, Chin R, **Parker BC**,

Schweitzer M, Adrales GL. Poster presentation at SAGES 2025 annual meeting. Manuscript pending.

Oral/Podium Presentations

2017 Nadeem M, Schwaitzberg SD, Butsch JB, **Parker BC**. “Effectiveness of Bariatric Surgery in Polycystic Ovarian Syndrome.” Society of Laparoendoscopic Surgeons Annual Meeting, San Francisco, CA. *[Dr. Parker gave the presentation]*

2020 **Parker BC**, Beard KW, Fletcher RN, Sharata AM, Muller D, DeMeester SR, Reavis KM, Bradley DD, Dunst CM, Swanstrom LL. “It’s Huuuge! Trans-gastric Resection of a Giant GIST.”Society of American Gastrointestinal and Endoscopic Surgeons Annual Meeting. *[Dr. Parker gave the virtual presentation]*

2020 **Parker BC**, Dunst CM, Wille AJ, Fletcher RN, DeMeester SR, Bradley DD, Reavis KM, Halpin VJ, Swanström LL. “The Impact of Body Mass Index on Recurrence Rates Following Laparoscopic Paraesophageal Hernia Repair.” Podium for the American Foregut Society Annual Meeting.

2021 Almario JA, Zhang L, Dbouk M, **Parker BC** , Adrales GL, Wilson EB, Filicori F, Reavis KM, Schweitzer M, Canto MI. “Diagnostic Yield and Clinical Impacts of Routine Complete Preoperative Evaluation in Bariatric Patients”. Journal of the American College of Surgeons. Volume 233, Issue 5, Supplement 2, 2021, Page e5. <https://doi.org/10.1016/j.jamcollsurg.2021.08.017>.

2022 Chu J, Yee G, Alam S, L’Huillier JC, **Parker B**, Rosser JB. “Drone Flight Proficiency and its Correlation with Laparoscopic Surgical Skills Acquisition”. University at Buffalo Department of Surgery 18th Annual Research Day, Buffalo, NY.

2024 Pfluger M, **Parker B.** “To wean or not to wean - Proton pump inhibitor management after anti-reflux surgery amongst foregut experts”. Society of American Gastrointestinal and Endoscopic Surgeons Annual Meeting. *[Dr. Parker answered Q and A from audience]*

2024 Canto MI, **Parker BC**, Brewer-Gutierrez O, Dunbar K, Rubenstein J, Shaheen N, Ngamrhuenphong S. “Barrett's esophagus Post-Ablation Transoral Incisionless Fundoplication (TIF) with or without Hiatal Hernia Repair (cTIF):A Prospective Feasibility Trial.” Presentation at the 20th ISDE World Congress for Esophageal Diseases in Edinburgh, Scotland.

2024 Swei E, **Parker BP**, Canto MI et. al. “Effectiveness of Transoral Incisionless Fundoplication (TIF) Without or With Hiatal Hernia Repair (cTIF) in Patients with GERD and Chronic Cough.” Presentation at the 20th ISDE World Congress for Esophageal Diseases in Edinburgh, Scotland.

2025 Woldehana NA, Thanawiboonchai T, Jung A, Coker AM, **Parker BC,** Schweitzer M, Adrales GL. “Cost Analysis and Utilization of Emergent Minimally Invasive Cholecystectomy Among Privately Insured Patients: A Retrospective Cohort Study from 2016 to 2021”. ePoster presented at the 2025 SAGES Annual Conference.

Abstracts/Pending Manuscripts

2025 Keyloun J, Mertz A, Gutierrez OB, **Parker BC**. “Determining predictors of success following same

session surgical hiatal hernia repair with consecutive transoral incisionless fundoplication”. Abstract submitted to DDW 2025.

Community Services

2016 Mentor, SAGES Mini Med School, Boston, MA. Assisted in setup and coordination of a laparoscopic surgical skills workshop for 100 high school students in the Boston area interested in a career in medicine.

2017 Co-Director, Top Gun Mini Med School, Lancaster, Wisconsin. Helped organize a charity event for local high school students interested in pursuing a healthcare degree. Proctored hands on skills sessions and didactics for various minimally invasive surgical skills.

2017 Mentor, SAGES Mini Med School, Houston, TX. Assisted in setup and coordination of a laparoscopic surgical skills workshop for 100 high school students in the Houston area interested in a career in medicine.

2024 Proctor, Johns Hopkins MISTIC Simulation Center. Hosted a group of local high school students from the Baltimore area to undergo a surgical skills curriculum focusing on STEM learning to promote interest in the field of medicine and close the future predicted physician gap. Also gathered data on a new laparoscopic skills trainer using the Top Gun curriculum.

Humanitarian Activities

2007 Medical volunteer, International Service Learning Program. Traveled to villages throughout rural Belize and assisted in establishing free medical clinics.

2011 Medical volunteer, St. George’s University Thailand Medical Selective. Volunteered at rural hospitals in southern Thailand and shadowed faculty of Mahidol University at Siriraj Hospital in Bangkok, Thailand.

Philanthropic Activities

2022 Creation of the “Minimally Invasive Surgery Research and Education Fund”. Via grateful patient

contributions to the Sibley Foundation, this fund will contribute to the new Adv.GI/MIS Fellows educational activities.

2025 Sibley Foundation Physician Fundraising Cohort. One of four selected physician leaders to undergo

specialized training at the Johns Hopkins Carey Business School to master effective presentation and communication skills for community outreach and philanthropy.

Other Professional Courses and Certifications

2018 SAGES Fundamentals of Safe Cholecystectomy Course

2018 SAGES Virtual Hernia Clinic

2019 Expert Seminar in Per-Oral Endoscopic Myotomy (POEM). Two-day hands-on course hosted by the Foundation for Surgical Innovation and Education (FSIE), Portland, OR.

2019 Diversatek High Resolution Esophageal Manometry & Reflux Monitoring Course. Three-day comprehensive training course in Denver, CO providing knowledge and skills necessary to acquire and analyze esophageal manometry and pH studies.

2020 Advanced Endoscopic Interventions: EMR & ESD Certification. Hawaii Foregut Symposium Hands-On Course, Maui, HI.

2020 Advanced Endoscopic Interventions: Stents and Clips Certification. Hawaii Foregut Symposium Hands- on Course, Maui, HI.

2020 Johnson & Johnson Institute LINX Surgeon Training Course

2020 EndoGastric Solutions Transoral Incisionless Fundoplication (TIF) Training Course