

JOSEPH A. GREENE, MD MBA FACS FASMBS

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Board Certified, General Surgery



EDUCATION

Fellowship, Bariatric, Robotic, and Advanced Laparoscopic Surgery Inova Fair Oaks Hospital Fairfax, VA	2017-2018
Residency, General Surgery MedStar Washington Hospital Center Washington, DC	2012-2017
Doctor of Medicine Miller School of Medicine University of Miami, Coral Gables, FL	2007-2012
Masters of Business Administration; Health Sector Management & Policy School of Business Administration, University of Miami, Coral Gables, FL	2010-2011
Bachelor of Science; Neuroscience and Behavioral Biology Bachelor of Arts; Jewish Studies Emory College of Arts and Sciences Emory University, Atlanta, GA	2003- 2007
Alexander Muss Institute for Israel Education, Hod Ha'sharon, Israel Extramural Study Abroad	2003

AWARDS

Washingtonian Magazine Top Doc	2021, 2022
Star of the Quarter, Holy Cross Germantown Hospital	2021
Inova Fair Oaks Hospital Shared Beliefs	2017, 2018
American College of Surgeons Metropolitan Washington DC Chapter Annual Resident	
Research Forum & Poster Session: First Place – Clinical Science Category	2016
VITAS Global Business Forum Fellow, University of Miami	2011
Dean's List, Emory University	2006-2007
Nu Rho Psi: Neuroscience and Behavioral Biology Honors Society, Emory University	2005-2007
Maimonides Jewish Leaders Fellow, Emory University Hillel & Atlanta Jewish Federation	2005

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EMPLOYMENT HISTORY

Bariatric, Robotic, and Advanced Laparoscopic Surgery

2018-Present

Maryland Bariatrics

Maryland Bariatrics is a private, community based, surgical practice located in Rockville, MD. The surgical offerings of the practice specialize in bariatric, general, and advanced foregut surgery. This experience afforded me the opportunity to grow many skills, including:

- The application of business principles to the outpatient surgical practice setting, consisting of management, finance and accounts receivable/payable, marketing, and information technology
- Unique skills pertinent to the outpatient management of bariatric and foregut patients, such as fluoroscopic examination, laparoscopic adjustable gastric band adjustment, and feeding tube care
- Familiarity leading an outpatient clinical team for longitudinal preoperative and postoperative management, incorporating executive administrators, advanced practice providers, insurance specialists, surgical schedulers, clinical coordinators, medical assistants, and administrative assistants

LEADERSHIP EXPERIENCE

Department of Surgery, Secretary/Treasurer

2022-Present

Holy Cross Germantown Hospital

The department of surgery leadership structure includes a Chair, Vice-Chair, Secretary/Treasurer, and Section Chairs for specialty departments. The department oversees functions across the hospital with implications on the delivery of surgical care. As the Secretary/Treasurer, I:

- Address interdisciplinary policies, including pharmacy protocols, credentialing, nursing concerns, and the physician assistant team
- Assist the Chair in execution of his duties
- Reported to the Vice President of Medical Affairs on pertinent issues related to the operating room and its functionality, staffing, and safety

Department of Surgery, Bariatric Section Chair

2021-Present

Holy Cross Germantown Hospital

The department of surgery functions with specialty subsection chairs to address individual specialty needs. The department of surgery convenes quarterly for the chairs to report the business of their subsections. As the bariatric subsection chair, I:

- Ensure quality across the continuum of bariatric surgical care at the hospital
- Develop and monitor adherence to credentialing guidelines for providers seeking credentials to perform bariatric surgical procedures
- Serve as point of contact for hospital staff to raise concerns about the care of bariatric surgery patients

MBSAQIP Bariatric Surgery Services Committee, Director

2019-Present

Holy Cross Germantown Hospital

This committee meets to ensure that safe bariatric surgery is being performed at our hospital and to address issues related to the provision of care for bariatric patients at our hospital. I direct this committee which includes stakeholders who come into contact with bariatric patients or who influence their care including nursing, operating room, anesthesia, emergency department, gastroenterology, radiology, administration, capital acquisition, and process improvement. The committee serves to:

- Ensure compliance with standards of bariatric surgical care for MBSAQIP site accreditation
- Review adverse events related to the care of bariatric surgery patients
- Direct future quality improvement projects to improve outcomes of bariatric surgery at our institution

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Surgery Peer Review Committee, Member

2019-2022

Shady Grove Medical Center

A multidisciplinary team of surgeons is tasked with reviewing sentinel events and adverse outcomes related to surgical care in the hospital. The meeting is presided over by an administrator from the quality improvement department. The committee serves to:

- Perform in-depth case/chart analyses and present pertinent findings
- Recommend policy improvement for the department and hospital
- Levy disciplinary action when necessary

Quality and Safety Council, Council Member

2016-2017

MedStar Washington Hospital Center

The quality and safety committee is comprised of physician executives, nursing leaders, and distinguished stakeholders from throughout the hospital. The committee is tasked with tackling pressing issues facing the hospital with regard to patient safety and quality outcomes. As one of three residents selected for membership in the council, I:

- Worked with the hospital's Chief Medical Officer, Vice President for Quality and Safety, and Quality Outcomes team on implementing new procedures and protocols.
- Participated in root cause analyses of serious safety events occurring at the hospital and revised hospital policy accordingly.
- Served on the committee during the hospital's 2017 Joint Commission review

Department of Surgery Quality Improvement Project, Team Leader

2014-2016

MedStar Washington Hospital Center

Surgical residents at MedStar Washington Hospital Center participate in quality improvement projects supported by the American College of Surgeons National Surgical Quality Improvement Project. Resident teams identify areas of potential improvement with regard to patient safety, outcomes, and quality of care in our institution, and write protocols to study these areas and subsequently implement a plan of improvement upon them. As a team leader for one of five groups within the surgical residency program, I organized and wrote protocols for a group of residents to:

- Investigate gaps in both patient and resident understanding of the pre-operative informed consent process, and implement a project to standardize specialty-specific informed consent forms to create a more transparent and explanatory consent process for surgical patients.
- Study the rates of documented chlorhexidine gluconate bathing for surgical inpatients on surgical wards and in surgical ICUs as part of the patient hygiene practice rolled out with the hospital's new EHR, MedConnect.

Pharmacy and Therapeutic Committee, Surgical Resident Representative

2014-2017

MedStar Washington Hospital Center

The pharmacy and therapeutics committee is responsible for setting guidelines for the use of pharmaceuticals in the hospital system and approving the use of novel drugs. The committee operates through monthly meetings, supported by individual projects presented at the meetings, and writing protocols for the use of medications and devices in the hospital. On this committee, I:

- Worked on a root cause analysis project to standardize the perioperative management of diabetic patients dependent on subcutaneous insulin pumps
- Worked on the hospital's policy for the management of Clostridium difficile colitis including the novel fecal transplant program.

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Department of Community Service (DOCS), Financial Director, Co-Director

2007-2012

University of Miami Miller School of Medicine

DOCS is a community service organization with the mission of bringing free health screenings and education to the underserved communities of Miami-Dade and the vicinity. Annual Health Fairs throughout the area and two weekly clinics are the vehicles for faculty mentored, medical student-provided care. In four years of working with DOCS, I:

- Administered and accounted for budget of greater than \$100,000 used to finance DOCS operations.
- Managed a staff of 40 students with 5 direct reports in the planning, coordination, and execution of health fairs and educational programs
- Founded the Annual Leadership Retreat, now in its third year, assembling student service leaders from across the country to participate in collaboration at our largest health fair of the year
- Represented DOCS to the Area Health Education Department (AHEC), and its Tobacco-Cessation Program
- Organized and executed the Upper Keys Health Fair as project manager, serving over 200 patients in one day.

SERVICE

ASMBS Access to Care Committee, State Access to Care Representative

2019-Present

The American Society for Metabolic and Bariatric Surgery Access to Care Committee is charged with ensuring and expanding to bariatric services nationwide. We analyze regional and national issues restricting access to bariatric surgery and weight loss medications with a collaborative approach. The committee consists of a leadership panel, advocacy experts, and representatives from every state in the United States. As the Maryland STAR (State Access to Care Representative), I:

- Represent the State of Maryland to the committee and present regional opinions on barriers to accessing bariatric surgical care
- Attend monthly committee meetings to assess and address national and regional policies affecting access to bariatric surgery and weight loss medications
- Participate in annual meetings with senators and members of congress to advocate for legislation that stands to improve access to bariatric care
- Effected change in insurance reimbursement to allow for virtual/telehealth visits for bariatric care and weight management during the height of the COVID-19 pandemic

Paul Chester Children's Hope Foundation (PCCHF), Medical Mission Surgeon

2006-2007

The Paul Chester Children's Hope Foundation works to control endemic, preventable, and curable diseases in needy communities in Ecuador and Kenya. The foundation maintains its efforts by way of a volunteer staff of physicians, nurses, and medical students from both private community and academic physicians. Donations of medical supplies were solicited in the months prior to mission trips. When in country, the operating room ran daily for the number of hours of daylight available to fuel the solar-powered cautery, suction, and anesthesia machine. On two missions with the PCCHF, I:

- Served as first assistant in surgical procedures performed in a remote hospital, including thyroidectomy, hernia repair, and obstetric delivery.
- Documented patient encounters in the peri-operative clinic.
- Devised and implemented a patient record numbering system for triage and tracking of the patient population served.

Magen David Adom – Israeli Red Cross, Emergency Medical Technician

2006

The Yochai Porat Memorial Overseas Volunteer Program affords students worldwide the opportunity to live in Tel-Aviv, Israel for a summer and work as an EMT with the Magen David Adom (Red Star of David). Two weeks into my service, a missile crisis broke out between Hezbollah and Israel, giving me unfortunate insight into methods of emergency care delivery during wartime. Over the course of a summer, I was:

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- Required to pass an EMT certification course taught bilingually, and subsequently log 350 hours of service time in a three-month period.
- Able to develop clinical skills in trauma and acute care situations.
- Exposed to the particular Israeli system of emergency care delivery, during a time of national conflict.

LABORATORY RESEARCH

National Institutes of Health, Bethesda, MD

Laboratory of Constantine A. Stratakis, M.D. D.Sc.

2008

Section of Endocrinology and Genetics

Program on Developmental Endocrinology Genetics (PDEGEN)

Eunice Kennedy Shriver National Institute of Child Health & Human Development (NICHD)

During the summer of 2008, I worked as a clinical researcher in the Section on Endocrinology and Genetics at the Eunice Kennedy Shriver National Institute of Child Health & Human Development (NICHD). In this capacity, I:

- Performed history taking and physical examination for clinical research patients.
- Served as a laboratory technician in the planning and execution of R-PCR assays analyzed by DNA electrophoresis.

Laboratory of Robert Fariss, Ph.D.

2004

National Eye Institute

Biological Imaging Core Facility

Summer Intramural Research Training Award

During the summer of 2004, I worked primarily in the Biological Imaging Core of National Eye Institute (NEI). As a laboratory technician I:

- Assisted in the preparation and execution of immunofluorescence assays.
- Achieved proficiency with a variety of laboratory equipment, including the microtome and confocal microscope.

PEER REVIEWED PUBLICATIONS

Greene JA, Tran TT, Shope TA. Sleeve Gastrectomy and Left Ventricular Assist Device for Heart Transplant. *JLS: Journal of the Society of Laparoendoscopic Surgeons*. 2017;21(3):e2017.00049. doi:10.4293/JLS.2017.00049.

Allan BJ, Prescott AT, **Greene JA**, Campuzano-Zuluaga G, Martos A. (2013) JAMA Surgery Clinical Challenge: Rare Complication After Viral Illness. *JAMA Surgery [Archives of Surgery]*. 2013 Oct;148(10):983-4. PMID: 23986336.

Greene JA, DiPasco PJ, Koshenkov VP, Livingstone AS. (2012). Portal hypertension from nodular regenerative hyperplasia of the liver treated with distal splenorenal shunt. *Journal of Surgical Case Reports*. 2012 July;7:2. Epub 2012, Jul 15.

Hebert K, Anand J, Trahan P, Delgado M, **Greene JA**, Julian E, Cuomo J, Gogichaishvili, Nozadze N, Dias A, Arcement L (2010). Prevalence of Erectile Dysfunction in Systolic Heart Failure Patients in a Developing Country: Tbilisi, Georgia, Eastern Europe. *Journal of Sexual Medicine*. 2010 Dec;7(12):3991-6. PMID: 20701678.

Horvath A, Korde L, Greene MH, Libe R, Osorio P, Faucz FR, Raffin-Sanson ML, Tsang KM, Drori-Herishanu L, Patronas Y, Remmers EF, Nikita ME, Moran J, **Greene JA**, Nesterova M, Merino M, Bertherat J, Stratakis CA

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(2009). Functional phosphodiesterase 11A mutations may modify the risk of familial and bilateral testicular germ cell tumors. *Cancer Research*. 2009 Jul 1;69(13):5301-6. Epub 2009 Jun 23. PMID: 19549888.

ORAL PRESENTATIONS

Greene JA. Cosmetic Cholecystectomy: Utilizing Robotics to Achieve an Aesthetic Outcome. SAGES 2023 Meeting, Montreal, Quebec. March 31, 2023.

Greene JA, Greene BS. Laparoscopic Hand-Sewn Gastrojejunal Anastomosis - Technique And Tips For Adoption. American College of Surgeons Clinical Congress 2021, (Virtual) Chicago, IL, October 27, 2021.

Greene JA, Greene BS. Robotic Completion Cholecystectomy after Prior Subtotal Reconstituting Cholecystectomy. American College of Surgeons Clinical Congress 2020, (Virtual) Chicago, IL, October 7, 2020.

Greene JA, Pourshojae H, Rajev R, Moazzez A. Retro-Roux Biliopancreatic Limb: A Case Report And Technique For Repair. SAGES 2019 Meeting, Baltimore, MD, April 5, 2019.

Greene JA. Challenging Revisions after Roux en Y Gastric Bypass: Panel case presentation and discussion. Virginia Bariatric Society Annual Meeting, Richmond, VA, April 28, 2018.

Masella, P, **Greene JA**, Collins D, Liu C, Emery E, Nain R, Pourshojae H, Moazzez A. Pre-Operative Patient Education: A Comparison Of In-Person And Online Educational Sessions In Bariatric Surgery. SAGES 2018 Meeting, Seattle, WA, April 12-13, 2018.

Greene JA, Tran TT, Shope TA. Sleeve Gastrectomy and Left Ventricular Assist Device as a Pathway to Cardiac Transplantation in Morbidly Obese Patients with Heart Failure. 2017 MedStar Health Research Symposium. Bethesda, MD. May 1, 2017.

Greene JA, Travis TE, Tully A, Rasmussen L, Sava JA. Implementation of Standardized Informed Consent: A Surgical Quality Improvement Project. 2016 MedStar Washington Hospital Center Resident Research Day. Washington, DC. May 25, 2016.

Greene JA, Tran TT, Shope TA. Laparoscopic Sleeve Gastrectomy as a Pathway to Cardiac Transplantation in Patients with Heart Failure and a Left Ventricular Assist Device. The Metropolitan Washington DC Chapter of the American College of Surgeons Annual Resident Research Forum & Poster Session. Washington, DC. April 30, 2016.

Greene JA, Rezvani BB, Azefor N, Wang E, Papoian V, Chen JH, Weiner D, Sava JA. Standardized Surgical Informed Consent: A Single Institutional Experience. 2015 MedStar Washington Hospital Center Resident Research Day; Oral presentation finalist. Washington, DC. May 5, 2015.

Greene JA, Hong J, Rezvani BB, Srivilasa C, Mavros M, Rivas-Ramirez L, Pierce T, Pic-Aluas L, Sava JA. Implementation of chlorhexidine gluconate baths in surgical patients. 2014 MedStar Washington Hospital Center Resident Research Day. Washington, DC. April 22 2014.

Villanueva MS, Keheller D, **Greene JA**, Kolli K, Liang JJ, Sigle GW. Perforated rectal cancer presenting as necrotizing fasciitis of the right torso. American College of Surgeons, Metropolitan Washington DC Chapter, 2013 All Surgeons Day. Washington, DC. April 6 2013.

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Amundsen BM, **Greene JA**, McFadden J, Godwin T, Bijelic L. Hepatic adenomatosis presenting with hemorrhagic shock: a case report and review of the literature. Americas Hepato-Pancreato-Biliary Association, Annual Meeting 2013. Miami Beach, FL. February 23 2013.

Bernal E, **Greene JA**, Hawk C, Maidan E, Pasternak M, Burkhart A, Rudock R, Modh R, Gorin M, Satahoo-Dawes S, O'Connell M. DOCS: Medical Student Community Service in South Florida. International Conference on Communication in Healthcare. Miami, FL. October 6 2009.

Greene JA. Subcellular quantification and localization of visual cycle proteins. NIH Summer Research Program Poster Day, Bethesda, MD. August 5, 2004.

MEDIA & OTHER PUBLICATIONS

“After Losing 100 Pounds Each, Diana and Amaury Have a Fresh Start” Patient Profile Story for the Holy Cross Health Magazine Spring/Summer 2022 issue. < <https://www.holycrosshealth.org/health-and-wellness/holy-cross-health-magazine/>>

“Weight Loss Surgery Journey” Facebook Live interview regarding Bariatric Surgery at Holy Cross Germantown Hospital. Aired December 6, 2021.

“Losing 175 Pounds, Together” Cover Story of the Holy Cross Health Magazine Summer/Fall 2020 issue. <<https://www.holycrosshealth.org/assets/documents/magazines/holy-cross-health-summer-fall-magazine-2020-2>>

“National Obesity Epidemic and the Newer Intra-gastric Balloons” featured on *Housecall with Dr. David Doman*. Aired on Montgomery Municipal Cable. Filmed November 14, 2018, Published November 29, 2018. < <https://www.youtube.com/watch?v=niGpfnPNPMI>>

“Jewel’s story: how one teen battled obesity with medicine’s best — and most underused — tool” featured performing surgery for the patient being highlighted. Vox Media, last update December 18, 2017. <<https://www.vox.com/science-and-health/2017/12/18/16707428/bariatric-surgery-teen-weight-loss-jewel>>

“The Next Generation: For these three surgical residents, medicine is a family affair” – Feature article published in the Jan/Feb 2016 issue of the Medstar Washington Hospital Center Newsletter regarding the inspiration I derive from my relationship with my mother as a Rheumatologist and my father as a Laparoscopic and Bariatric Surgeon, to further my career goals as a surgical resident. Vol 22. No.1.

“A Balanced Experience” - Literary narrative published in the autumn 2006 issue of the Emory Magazine. The piece described my handling of the risk management issues in college life, while assuming the responsibility of Hillel President, and maintaining my focus on the pursuit of a career in medicine.

INVITED LECTURES

“Fluorescence Imaging in Bariatric and Foregut Surgery” for 2023 Spring SPY Symposium, New York City, New York, May 6, 2023.

“Medical Economics: The Value Equation” for 2023 Spring SPY Symposium, New York City, New York, May 6, 2023.

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- “Fluorescence Guided Surgery: General, Colorectal, & Bariatric” for Princeton Baptist Medical Center (Birmingham, AL) General Surgery Residency Journal Club (Virtual) April 20, 2023.
- “Fluorescence Guided General Surgery: Acute Care Surgery & Beyond” for Vanderbilt University Trauma & Acute Care Surgery Faculty Education Session (Virtual) April 19, 2023.
- “Fluorescence Guided Surgery: General, Bariatric, & Beyond” for Dallas Methodist General Surgery Residency Education Conference (Virtual) March 24, 2023.
- “Spotlight on SPY: The use of fluorescence imaging in bariatric surgery” for 2023 Spotlight on SPY Virtual Event Series (Virtual) March 21, 2023.
- “Roux Limb Creation with ICG: Identification of Small Bowel Arcades in Laparoscopic Gastric Bypass” for Crozier Health General Surgery Residency Journal Club, (Virtual) Philadelphia, PA. August 17, 2022; iSpies Philadelphia (In-Person), Philadelphia, PA. October 27, 2022; Western Reserve Health Education, Trumbull Regional Medical Center, (Virtual) Warren, OH. November 3, 2022.
- “Surgical Response in the Era of COVID-19: Private Practice Perspective” for Virtual All Surgeons Day, The Metropolitan Washington DC Chapter of the American College of Surgeons Annual Meeting, Washington, DC. May 30, 2020.
- “Metabolic & Bariatric Surgery: From Obesity Treatment to Diabetes Prevention” for the Obesity Institute at Prevention 2019, American College of Preventive Medicine National Meeting, Pittsburgh, PA. May 20, 2019. Lecture presenter and session (institute) moderator.
- “Robotic Surgery – Is It All The Hype?” Rockville Internal Medicine Group. Rockville, MD. February 12, 2019
- “*Metabolic Surgery: Changing the Paradigm of Bariatric Surgery and Diabetes Resolution*” Department of Surgery Grand Rounds. Inova Fairfax Medical Campus. Fairfax, VA. May 9, 2018
- “*Bariatric Surgical Procedures and Implications for Inpatient Management*” Medical Hospitalist Education Session. Inova Fair Oaks Hospital, Fairfax, VA. February 22, 2018.
- “*Minimally Invasive Surgery Skills – Resident Education*”. Inova Fairfax Medical Campus. Fairfax, VA.
August 16, 2017: Physiology of Pneumoperitoneum
September 13, 2017: Camera targeting, Acquisition, and Trocar Placement
December 6, 2017: Intracorporeal Needle Skills Workshop and Dry Lab
February 7, 2018: Laparoscopic knot tying
February 28, 2018: Gastric Surgery, Obesity Surgery, Laparoscopic Suturing
- “*Bariatric Nursing Orientation*”. Inova Fair Oaks Hospital, Fairfax, VA.
September 15, 2017: Bariatric Operations, Nursing Practice, Complication Recognition
December 1, 2017: Bariatric Operations, Nursing Practice, Complication Recognition
- “*The Surgical Treatment of Diabetes and other Co-morbidities - The current state of Bariatric Surgery*”. Rockville Internal Medicine Group. Rockville, MD. June 20, 2017.

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PRESS RELEASES

“Future of improving bariatric surgery outcomes with fluorescence imaging talk” March 20, 2023.

<<https://www.prlog.org/12956151-future-of-improving-bariatric-surgery-outcomes-with-fluorescence-imaging-talk.html>>

“Dr. Joseph Greene's "Cosmetic Cholecystectomy: Utilizing Robotics To Achieve An Aesthetic Outcome" To Be Featured at the 2023 Sages Annual Meeting” March 15, 2023. <<https://www.openpr.com/news/2975210/dr-joseph-greene-s-cosmetic-cholecystectomy-utilizing>>

“Maryland Hospital Accredited by the American Society for Metabolic and Bariatric Surgery (ASMBS)” November 3, 2022.

<<https://www.prlog.org/12939078-maryland-hospital-accredited-by-the-american-society-for-metabolic-and-bariatric-surgery-asmb.html#>>

PROFESSIONAL AFFILIATIONS

- American Society of Metabolic and Bariatric Surgery
- American College of Surgeons
- Society of American Gastrointestinal and Endoscopic Surgeons
- American Medical Association

LANGUAGE BACKGROUND

- English – native language
- Spanish – speak, read, and write with clinical proficiency
- Hebrew – speak with conversational proficiency and read/write with advanced competence

PERSONAL INTRESTS

- Automotive repair, Peloton, Bicycling, Triathlon, Distance running, Altitude Hiking