

# **MATTHEW PEACOCK, MD**

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## **EDUCATION**

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- 8/2023-8/2024 **VIRGINIA COMMONWEALTH UNIVERSITY HEALTH**  
Fellowship in Advanced GI/Bariatric/Foregut Surgery
- 7/2018-5/2023 **ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI**  
Residency in General Surgery  
Quality Improvement Chief
- 8/2014-5/2018 **BOSTON UNIVERSITY SCHOOL OF MEDICINE**  
Doctor of Medicine  
Honors: Alpha Omega Alpha Honor Society
- 7/2012-6/2014 **BOSTON UNIVERSITY SCHOOL OF MEDICINE**  
Master of Science in Medical Sciences  
Thesis: A Role for Endothelial Cells in Regenerative and Personalized Medicine
- 9/2007-6/2011 **UNIVERSITY OF CALIFORNIA, IRVINE**  
Bachelor of Science, Biological Sciences

## **HONORS/AWARD**

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- 2023 **ABS GENERAL SURGERY BOARD CERTIFICATION**
- 2018 **RICHARD SHEMIN M.D. AND SAUL SHEMIN D.V.M. ACADEMIC SURGICAL AWARD**  
-Presented to a graduating student in recognition of academic excellence in surgery and promise for an academic surgical career.
- 2017 **ALPHA OMEGA ALPHA HONOR MEDICAL SOCIETY**
- 2017 **SHAPIRO ACADEMY EXCELLENCE IN INTERNAL MEDICINE**
- 2017 **BEST MEDICAL STUDENT SURGICAL RESEARCH PRESENTATION | 26<sup>TH</sup> GRASBERGER RESEARCH SYMPOSIUM**

## **PUBLICATIONS & CHAPTERS**

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Matthew Peacock, Brian Jacob (2021) – Chapter 28: Sports Hernia / Pubalgia. *Fundamentals of Hernia Radiology*  
– Published 2023

Sean Johnson, Matthew Peacock, Edward Chin (2020) – Living Donation – *Renal Transplantation 2<sup>nd</sup> Edition* –  
Submitted to Editor

Schussler L, Khetan P, Peacock MR, Dickstein E, LaPointe-Rudow D, Palese M, Arvelakis A, Herron D, Shapiro R, Florman S, Chin EH. Is Obesity a Contraindication for Kidney Donation? *Surgical Endoscopy*. (May 2019)

Lee SY, Peacock MR, Farber A, Eslami MH, Kalish JA, Ryan D, Komshian S, Siracuse JJ. Perioperative Infections after Open Abdominal Aortic Aneurysm Repair lead to Increased Risk of Subsequent Complications. *Annals of Vascular Surgery* (May 2017)

Peacock MR, Farber A, Eslami MH, Kalish JA, Rybin D, Doros G, Shah NK, Siracuse JJ. Hypoalbuminemia Predicts Perioperative Morbidity and Mortality after Infrainguinal Lower Extremity Bypass for Critical Limb Ischemia. *Annals of Vascular Surgery* May 41:169-175.e4 (2017)

Peacock MR, Shah NK, Farber A, Lee SY, Kalish JA, Rybin D, Doros G, Siracuse JJ. Index complications predict secondary complications after infrainguinal lower extremity bypass for critical limb ischemia. *Journal of Vascular Surgery* May 65(5):1344-1353 (2017)

Siracuse JJ, Shah NK, Peacock MR, Tahhan G, Kalish JA, Rybin D, Eslami MH, Farber A. Thirty-day and 90-day hospital readmission after outpatient upper extremity hemodialysis access creation. *Journal of Vascular Surgery* May;65(5):1376-1382 (2017)

Tahhan, G, Farber A, Shah NK, Krafcik BM, Sachs TE, Kalish JA, Peacock MR, Siracuse JJ. Characterization of Planned and Unplanned 30-Day Readmissions Following Vascular Surgical Procedures. *Vasc Endovascular Surg* 51, 17–22 (2017)

Inagaki E, Farber A, Eslami MH, Kalish J, Peacock MR, Rybin DV, Doros G, Siracuse JJ. Preoperative Hypoalbuminemia Is Associated With Poor Clinical Outcomes After Open and Endovascular Abdominal Aortic Aneurysm Repair. *J. Vasc. Surg.* 64, 547 (2016)

Krafcik BM, Sachs TE, Farber A, Eslami MH, Kalish JA, Shah NK, Peacock MR, Siracuse JJ. Assessment of open operative vascular surgical experience among general surgery residents. *J. Vasc. Surg.* 63, 1110–1115 (2016)

Gong J., Archer R., Brown M., Fisher S., Chang C., Peacock MR., Hughes CC., Freimark B. “Measuring Response to Therapy by near-Infrared Imaging of Tumors Using a Phosphatidylserine-Targeting Antibody Fragment.” *Molecular Imaging*. Jun 1; 12(4): 244–56 (2013)

Kim JH., Peacock MR, George SC., Hughes CC. BMP9 induces EphrinB2 expression in endothelial cells through an Alk1-BMPRII/ActRII-ID1/ID3-dependent pathway: implications for hereditary hemorrhagic telangiectasia type II. *Angiogenesis* Sep; 15(3): 497-509 (2012)

## **PRESENTATIONS**

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### **Oral Presentation**

Matthew Peacock, Jeffrey Siracuse (2016). Development of Secondary Complications Alter Postoperative Index Complication for Lower Extremity Bypass. The Society for Clinical Vascular Surgery 44<sup>th</sup> Annual Symposium.

Matthew Peacock, Jeffrey Siracuse (2016). Preoperative Nutrition Status and Clinical Outcomes after Lower Extremity Bypass. Karmody Competition: The Society for Clinical Vascular Surgery 44<sup>th</sup> Annual Symposium.

### Poster Presentation

Matthew Peacock, Jeffrey Siracuse (2017). Preoperative Hypoalbuminemia is Associated with Poor Clinical Outcomes after Open and Endovascular Abdominal Aortic Aneurysm Repair. 26<sup>th</sup> Grasberger Research Symposium

Muhammad Fazal, Matthew Peacock, Sabrina Sanchez, Tejal Brahmhatt, Tracey Dechert (2017). Structured Surgical Experience for Pre-clinical Medical Students. AAMC annual meeting

Matthew Peacock, Alik Farber, Denis Rybin, George Doros, Jeffrey Siracuse (2016). Hypoalbuminemia and Clinical Outcomes after Infrainguinal Lower Extremity Bypass. Medical Student Summer Research Program Symposium

### Video Presentation

YH Walter Wang, Matthew Peacock, Scott Nguyen. Hand Assisted Laparoscopic Resection of Giant Adrenal Mass Complicated by Hemorrhage – Accepted to SAGES

## RESEARCH

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- 2019            **CLINICAL RESEARCH** | MOUNT SINAI HOSPITAL, EDWARD CHIN, MD FACS  
-Retrospective study investigating the effect of donor obesity on outcomes of living donor kidney transplantation
- 2015-2018    **CLINICAL RESEARCH** | BOSTON MEDICAL CENTER, JEFFREY SIRACUSE, MD  
-Multiple projects using NSQIP database including investigation of preoperative nutrition status and clinical outcomes after lower extremity bypass, and effects of postoperative complications on association with subsequent complications  
-Retrospective study identifying risk factors for readmission after AV fistula creation
- 2013-2014    **GRADUATE RESEARCH THESIS** | BOSTON CHILDREN'S HOSPITAL, JOYCE BISCHOFF, PHD  
-Tissue-engineering project creating vascularized skeletal muscle using bio-engineered vascular networks and mesenchymal stem cells  
-Investigated differential effect of chemotherapy in endothelial cells containing a single nucleotide polymorphism in VEGF receptor.
- 2011- 2012    **LAB MANAGER** | UNIVERSITY OF CALIFORNIA, IRVINE, CHRISTOPHER HUGHES, PHD  
-General laboratory support including: supply management, general lab operations and cell line expansion, IRB protocol management
- 2009-2011    **UNDERGRADUATE RESEARCH** | UNIVERSITY OF CALIFORNIA, IRVINE, CHRISTOPHER HUGHES, PHD  
-Basic science project using endothelial cell lines to investigate signaling cascade involved in Hereditary Hemorrhagic Telangiectasia type II

## **LEADERSHIP EXPERIENCE**

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- 2022-2023    **MEDICAL STUDENT LECTURE SERIES**  
                  -Lecture series to 4<sup>th</sup> year students preparing for internship. Went through common general surgery scenarios for patient presentations and treatments
- 2017-2018.    **CO-FOUNDER — SURGICAL IMMERSION ELECTIVE - BUSM**  
                  -Created an elective for 2nd year medical students interested in pursuing surgical mentorship. Curriculum included lectures, surgical skills workshops and pairing residents/faculty for shadowing/mentorship.
- 2017-2018    **MEDICAL STUDENT PEER ADVISOR - BUSM**
- 2017-2018    **CHAIR - FOURTH YEAR LONGITUDINAL MENTORING PROGRAM – BUSM**
- 2017-2018    **CO-FOUNDER — INTRODUCTION TO SURGERY ELECTIVE – BUSM**  
                  -Worked with surgical faculty to create an elective course offered to first year students with lecture and interactive sessions for exposure to the field of general surgery earlier in medical education than the clinical years
- 2016-2018    **CHAIR — MEDICAL STUDENT SURGICAL RESEARCH LIAISON PROGRAM - BUSM**
- 2015-2016    **CHAIR — SURGICAL SOCIETY STUDENT ORGANIZATION - BUSM**
- 2015            **ANATOMY TEACHING ASSISTANT — DEPARTMENT OF ANATOMY AND NEUROBIOLOGY**
- 2014-2015    **TUTOR — BOSTON UNIVERSITY SCHOOL OF MEDICINE**