

Department of Surgery

NEWSLETTER

SPRING - SUMMER 2021



Letter from the Chair

As we end this academic year, I want to personally extend my thanks to our residents, students, APPs, faculty, and all members of the Department. It has been quite a year, and your resilience and dedication have been integral to the success of the Department and organization.

To the graduating fellows and residents, I wish to personally congratulate you on completing your training and all you have accomplished. We are proud of each of you and look forward to crossing paths in the future. To those who are arriving to the UMass family: Welcome! We are glad you are here.

As we start to see the light after COVID, our departmental pillars will drive our ongoing growth in 2021-2022: transformational surgery including the expansion of the robotic platform, global surgery including growth to Zambia in collaboration with ACS Operation Giving Back, re-establishment of the surgical research outcomes core, growth of the basic science portfolio, and finally, ongoing clinical excellence with nationally recognized outcome measures. These priorities will continue to allow our Department and training programs to shine. As always, thank you for all that each of you contribute.

Demetrius

2021-2022 Department of Surgery



Welcome New 2021 - 2022 Department of Surgery Residents

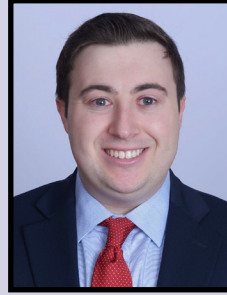
General Surgery - Categorical PGY1



Zachary Ballinger, MD
New York Medical



Robert Benjamin, MD
University of Buffalo



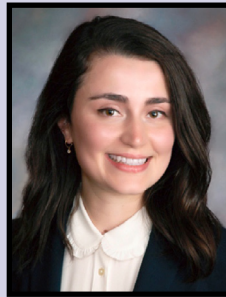
Robert Guber, MD
UMass Medical School



Nicole Hays, MD
University of Maryland



Hayley Reddington, MD
New York Medical



Emily Stroobant, MD
Thomas Jefferson

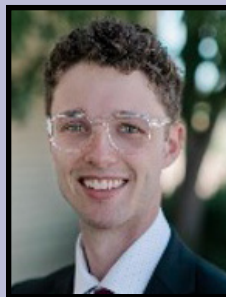


Tracy Zhang, MD
UMass Medical School

General Surgery - Preliminary PGY1



Maggi Ahmed, MBChB, MSc
Sohag University



Dylan Goehner, MD
University of South Dakota



Sasank Kalipatnapu, MBBS
Christian Medical College



Julianna Mustafa, MD
Chicago Medical



Erica (Stern) Shey, MD
Johns Hopkins

General Surgery PGY2



Catherine Bixby, DO
University of New England
College of Osteopathic Medicine

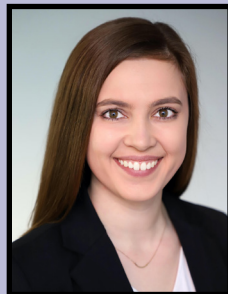


Gabriel De la Cruz Ku, MD
Universidad Científica del Sur

Plastic Surgery PGY1



Desmond Bennett, MD
UMass Medical School



Jenna Maroney, MD
Temple University

Vascular Surgery PGY1



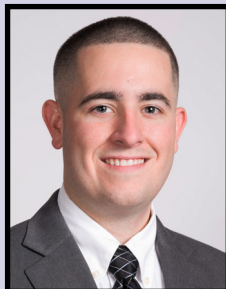
Alexandra Marie Forsyth, MD
Boston University



Sudie-Ann Robinson, MD
State University of New York
Upstate Medical University

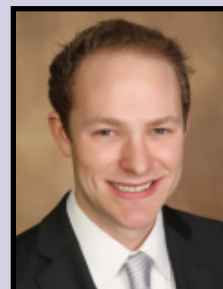
Welcome Department of Surgery New Fellows

Advanced Minimally Invasive and Bariatric Surgery Fellow



John Kelly, MD
UMass Medical School

Colon and Rectal Surgery Fellow



John Konen, MD
University of Vermont

Calling for Submissions!

We would love to highlight your achievements! Please send all submissions including high-resolution photos to Themia Pappas-Fillmore in the Department of Surgery (Surgical ASG) themia.pappas-fillmore@umassmed.edu

Congratulations Department of Surgery - Graduating Chief Residents and Fellows

General Surgery



Gil Freitas, MD
UMass Medical School
General and Trauma Surgery



Chau Maggie Hoang, MD, MSCI
NYU Langone
MIS Fellowship



John Kelly, MD
UMass Medical School
MIS Fellowship



Ashley Russo, MD
Cedars-Sinai
Surgical Oncology Fellowship



Stacy Sanders, MD, MS, MHA
Mayo Clinic
Breast Fellowship



Marah Tillman, MD
General Surgery
Private Practice

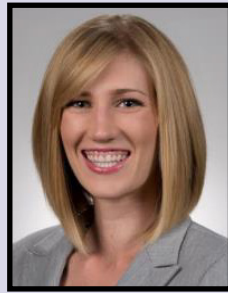


Chloe Williams, MD
Ohio State University
Trauma/Critical Care Fellowship

Plastic Surgery



Lauren Daly, MD
Stanford University
Microsurgery Fellowship

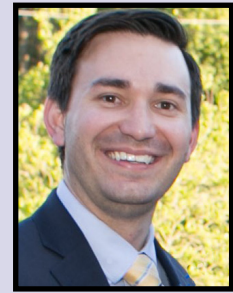


Kelli Hickie, MD
Massachusetts General Hospital
Breast Surgery Fellowship

Vascular Surgery



Mohammad Alqaim, MD, MS
Baylor Scott & White - All Saints
Medical Center, Fort Worth, TX



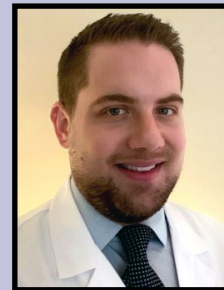
Kyle Diamond, MD
Symmetry Vascular
Associate Vascular Surgeon

Advanced Minimally Invasive and Bariatric Surgery Fellow



Dustin Powell, MD
General Surgery
Holy Family

Colon and Rectal Surgery Fellow



Jeremy Springer, MD
Colon and Rectal Surgery
McMaster University

Welcome Department of Surgery Babies



Sara Jordan, NP, Division of Cardiac Surgery, and her husband, Daniel Marchuk, MD, welcomed their first child, Lillian Grace Marchuk, on February 14, 2021.



Stephanie Mayberg, PA-C, Division of Cardiac Surgery, husband Hank, and big sister Harriet welcomed Henry W. Lander, III to the family. Henry, who goes by Trey, was born March 2, 2021, weighing 8 lb 1 oz and 20.5 inches.



Kelli Hickle, MD (Plastic Surgery PGY6) and Tyler Morin welcomed a baby girl, Finley Renee Morin. Finley was born April 20, 2021.

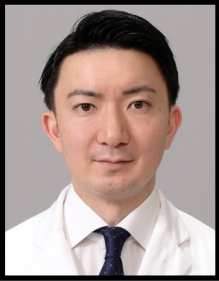


Jorge Lujan, MD (Plastic Surgery PGY5) and wife Marie Lujan welcomed baby girl, Louisa Paloma Lujan on February 20, 2021. Louisa was born 6lb 12 oz and 20.5 inches.

**Thank you for all of your submissions for the
Department of Surgery Newsletter!**

Send submissions to:
Themia Pappas-Fillmore@umassmed.edu

Welcome New Member of Surgery



Hiroshi Fujimaki, MD, PhD joined UMMS as lead postdoctoral fellow in Giorgio Giatsidis MD, PhD's Restorative and Regenerative Surgery Innovation Research Lab of the Division of Plastic Surgery. Dr. Fujimaki obtained his MD from Japan's Kitasato University Medical School and his PhD from Tokyo Woman's Medical University. He was an Assistant Professor in Plastic and Reconstructive Surgery at Tokyo Woman's Medical University before joining UMMS. Currently, his work focuses on a Department of Defense-funded study exploring a new method to promote skeletal muscle regeneration in limbs after traumatic injuries.

Appointments and Recognition

Congratulations to the following Department of Surgery faculty on their appointment

Nicole B. Cherng, MD (General Surgery) Assistant Professor of Surgery

Kate H. Dinh, MD (Surgical Oncology) Assistant Professor of Surgery

Douglas W. Jones, MD (Vascular Surgery) Assistant Professor of Surgery

Tammy Nguyen, MD, PhD (Vascular Surgery) Assistant Professor of Surgery

Jonson M. Yee, MD (Trauma and Critical Care) Assistant Professor of Surgery

Vascular Surgery Accomplishments

Top Performance in BEST-CLI Study

UMass Division of Vascular and Endovascular Surgery received top performance in the BEST-CLI study, which is the largest randomized controlled trial in the world evaluating treatment options for peripheral artery disease. The division was the second highest enrolling site of over 100 sites, and their research personnel, Mollynda McArthur, MS and Shauneen Valliere, MSN, NP have been doing an incredible job.

Vascular Surgery Program for Reducing Readmissions After Surgery

Over a year ago, the Division of Vascular Surgery noticed they were seeing a trend in readmissions that they thought could have been prevented. Things like post-operative constipation, pneumonia, wound problems due to lack of knowledge for wound care, and lower extremity edema following bypass surgery and lack of elevation following a procedure. These phone calls are made by the division's medical office assistants, Bertude Pierre and Carole Richards. They ask the patients about 10-15 scripted questions. Anything that is concerning or any "positive" answers are sent to Devon Robichaud, ACNP and Gabrielle DeVivo, MSN for triage. They then call the patient and start managing them via a clinic visit, PCP coordination, or treat at home with interventions and as a last resort in an emergency-the ER. To date, they have called almost 1000 patients and have about 125 interventions that we believe have helped prevent a post-operative complication and possible readmission. Especially during the pandemic, it is more important than ever to keep patients safe and cared for at home when able.

ICOUGH Program

As part of this readmission prevention project and through grant funding, we have purchased the ICOUGH program from BMC to institute and to prevent pulmonary complications by standardized pre- and post-operative intervention focused on patient education, early mobilization, and pulmonary interventions. ICOUGH stands for I Incentive Spirometry, C Coughing/deep breathing, O Oral care, U Understanding (education), G Getting out of bed, H Head of bed elevation. Vascular Surgery will be the first pilot site here at UMass with the goal to reduce post-operative pulmonary complications by 50% by instituting this program.

Limb Preservation Center

Douglas Jones, MD has been spearheading the reinvigoration of the UMass Memorial Limb Preservation Center (LPC), the only such program in central Massachusetts and one of only two in the greater New England area. The LPC's mission is

to help patients with limb-threatening diseases, such as diabetes or peripheral artery disease and to maintain their independence and quality of life through a multidisciplinary approach that includes podiatry, infectious disease, endocrinology, and a variety of advanced wound therapies. The Center works with patients to develop an evidence-based, individualized plan to maximize their wound healing potential and maintain their walking status for as long as possible.

UMass Vein Center

The Vein Center is working to expand access and care to patients with pelvic congestion syndrome and the need for venous stenting. **Dejah Judelson, MD** has given grand rounds to our OB-GYN colleagues on this topic, and the response has been excellent! In addition, we are working with **Nina Rosano, MD** to provide a more comprehensive evaluation to differentiate the diagnoses of singular or combined venous insufficiency, lipedema, and lymphedema in order to provide them with a comprehensive treatment plan. We are celebrating our IAC re-accreditation after serving as the pilot site for the 2021 virtual site visits.

Lower Extremity Wound Clinic

The Lower Extremity Wound Clinic is now open and accepting new referrals. Conceptualized by **Tammy Nguyen, MD, PhD** and operationalized by **Allison Learned, NP, CWS**, the lower extremity wound clinic evaluates and manages a wide variety of wounds including (but not limited to) arterial, venous, and diabetic foot wounds. Utilizing evidence-based practice and the latest wound care treatments with the added support from the vascular lab, patients receive a thorough evaluation to determine their best course of treatment in healing their often-chronic wounds. In conjunction with our vascular surgeons, plastics wound clinic, and podiatry counterparts, this clinic is designed to offer patients the full spectrum of care needed for successful healing and optimal outcomes.

UMass Center for Complex Aortic Disease

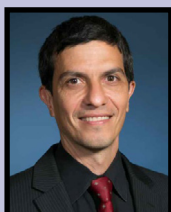
The UMass Memorial Medical Center Division of Vascular and Endovascular Surgery is the first in the United States to perform a minimally invasive complex aortic aneurysm repair with a new technology that uses fiber optic cable imaging instead of X-ray radiation. Fiber Optic RealShape (FORS), developed by Philips, markedly reduces radiation doses during endovascular procedures making it safer for the patient and the care team. UMass Memorial Medical Center is the only hospital in the United States with FORS capability. FORS is expected to become the standard for complex minimally invasive endovascular aortic treatment. FORS technology is the beginning of a new era in device guidance where clinicians are not as dependent on high doses of radiation to complete these complex repairs. FORS enables 3D visualization of wires, catheters, and medical devices inside the body without the need for continuous X-ray imaging, providing an extra layer of safety for the patient and clinicians in the long term.



Anne C. Larkin, MD (left) is serving as the President-Elect of the New England Surgical Society and was recently appointed Vice Provost for Educational Affairs at all three Schools (Medicine, Nursing and Biomedical Sciences).

Jennifer LaFemina, MD (right) was named the NESS newsletter editor and publisher. Dr. LaFemina was also named to the Board of Directors for the Association of Program Directors in Surgery and is the Chair of the APDS Task Force about 2021-2022 General Surgery Application and Interview Cycle Practices.

Reminder: The NESS 2021 Annual Meeting will take place September 24-26, 2021 at Foxwoods, in Mashantucket, Connecticut.



Paulo Martins, MD, PhD (left) was named to the Diversity, Equity, and Inclusion Committee of the American Society of Transplant Surgeons

Muriel Cleary, MD (right) has been named as the Chair of the Department of Surgery Diversity, Equity, and Inclusion Committee. Dr. Cleary is leading a committee of department faculty and resident members, spanning all specialties.



Congratulations to **Ryan Hendrix, MD** (General Surgery PGY4, left) on his recent match in Cardiothoracic Surgery at Beth Israel Deaconess Medical Center!

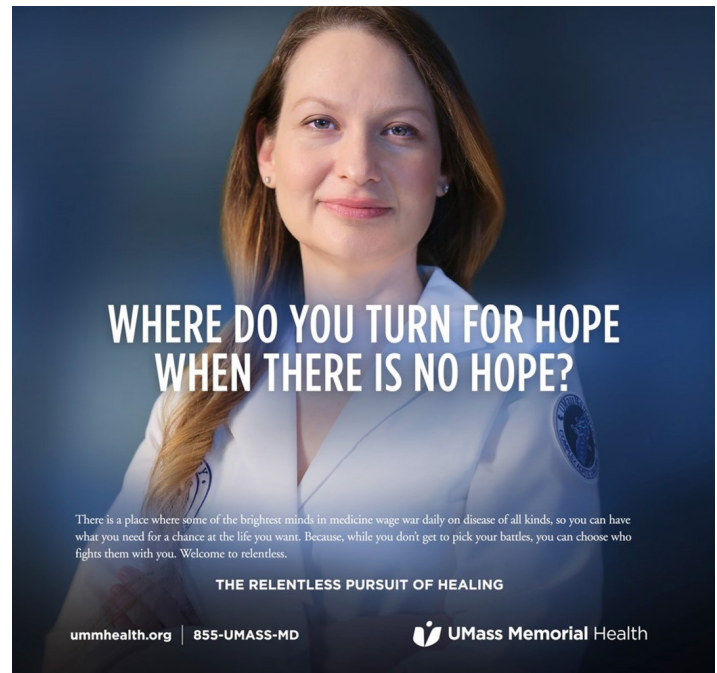
Congratulations to **Robert McLoughlin, MD** (General Surgery PGY4, right) on his recent acceptance as a Pediatric Surgery Critical Care Fellow at Johns Hopkins All Children's Hospital!

Department of Surgery Represented in UMass Memorial Anthem Ads and Videos

Dejah Judelson, MD, Assistant Professor of Surgery, Program Director, AV Access Medical Director, Center for Venous Disease, Division of Vascular Surgery (right), is featured in the UMass Memorial Relentless brand campaign, which tells a story of heroism and a relentless commitment to doing what's best for our patients and each other. Additional members of the Department were also featured throughout the campaign. See page 8.

Read more about the campaign [here](#).

Watch UMass Memorial Health “Relentless” video.



Research Updates

Plastic Surgery Research Grants

Department of Defense (DOD) Medical Research Program Grant for project titled “Sprayable Antimicrobial Wound Dressing for Burn Treatment in the Battlefield.” Co-Principal Investigators: **Jorge Lujan MD (PGY5)**, **Raymond Dunn MD**, **Gulden Camci-Unal PhD (Chemical Engineering, UMass Lowell)**

Joseph Healey Endowment for Research Grant for project titled “Design and development of post-operative skin graft donor site dressing.” Co-Principal Investigators: **Jorge Lujan, MD (PGY5)**, **Raymond Dunn, MD**

Best Paper

Shirley Shue, MD, Plastic Surgery Resident (PGY3) won Best Paper, “A Survey of US Plastic Surgery Residents Report Inadequate Training in Gender Affirmation Surgery” at the resident forum of the American Society of Aesthetic Surgery in Miami.

Pediatrics Surgery

Max D. Hazeltine, MD, Pediatric Surgery Research Resident

Dr. Hazeltine’s and the Pediatric Surgery group’s work on firearms demonstrated that gun buybacks are a cost-effective way to reduce the number of unwanted firearms in the community, particularly when combined with other measures. This work has been recently highlighted in the Toronto Star. [Read full article](#).

Robert McLoughlin, MD, MSCI, General Surgery Resident (PGY4)

Dr. McLoughlin’s research was recently cited in the NY Times regarding his 2020 study evaluating hospitalizations due to pediatric dog bites in the US. The study showed that younger children, ages 1-4 and 5-10, were much more likely to need hospitalization than those over 11. In the youngest children, most injuries are to the head and neck, and beyond the age of 6, extremity wounds (arms, legs, hands) become increasingly prevalent and predominate after the age of 11.

[Read full article](#)



Tammy Nguyen, MD, PhD Awarded 2021 Early Career Faculty Research Award

Dr. Nguyen was awarded the VESS Early Career Faculty Research Award at the VESS winter meeting for her study, “Exploring How Adipocyte Signaling and the Diabetic Immune System Contributes to Non-Healing Ulcers.” This award is designed to help new vascular surgical investigators initiate projects that will lead to extramural funding for basic or clinical research. Congratulations! [Read more](#).

Department of Surgery: 1st Annual Department of Surgery Research Symposium

The Department of Surgery hosted its inaugural Research Symposium on May 13th, which was planned and implemented by Max D. Hazeltine, MD, Hannah Buettner, MD, and Bryce Bludevich, MD. We were delighted to have a great turn out of presenters and participants showcasing the depth and breadth of research in our surgical fields, including General Surgery, Orthopedics, Plastic and Reconstructive Surgery, Urology, and Vascular Surgery. The keynote address was delivered by Tammy Nguyen, MD, PhD, a rising star in basic science research in the Vascular Surgery Division. She gave a fantastic overview of the history of the surgeon/scientist and an exciting preview of her ongoing research on the impact of the immune system on wound healing. There were excellent talks from 12 podium and 30 poster presentations. Finally, we would like to congratulate this year's award winners:



Best quality improvement project - John Roubil MS4, “A Multidisciplinary Approach to Alcohol and Drug Use Screening & Prevention for Adolescent Inpatients” (Pediatric Surgery, Mentor: Muriel Cleary, MD)

Best basic science project - Julianna Buchwald MD/PhD Candidate, “RNAi-mediated inhibition of ischemia-reperfusion injury during the liver transplantation process” (Transplant Surgery, Mentor: Paulo Martins, MD, PhD)

Best clinical research project - Kurt Schultz MS4, “Safety and efficacy of laparoscopic versus open surgery after neoadjuvant chemotherapy for stage II/III gastric cancer: A propensity score matched analysis” (Surgical Oncology, Mentor: Jennifer Tseng, MD PhD)

Best medical student poster - Alex Joo MS2, “In Free Flap Autologous Breast Reconstruction Frailty Is a More Accurate Predictor of Postoperative Complications than Age, Body Mass Index, or ASA class: A Retrospective Cohort Analysis on the ACS-NSQIP Database” (Plastic and Reconstructive Surgery, Mentor: Giorgio Giatsidis, MD, PhD)

Best medical student podium presentation - Jeremiah Hyslip MS3, “Analyzing the Impact of Sleeve Gastrectomy on GERD” (Minimally Invasive Surgery, Mentor: Richard Perugini, MD)

Best resident podium presentation - Shirley Shue, MD, Plastic Surgery (PGY3) “Gender Affirming Surgeries in Plastic Surgery Residency: A National Survey Study” (Plastic and Reconstructive Surgery, Mentor: Giorgio Giatsidis, MD, PhD)

Thank you to all who participated, and we look forward to seeing you next year!



Department of Surgery General Surgery Graduating Chief Residents

(Left to right) Chau Maggie Hoang, MD, MSCI; Gil Freitas, MD; Chloe Williams, MD; Ashley Russo, MD; Jennifer LaFemina, MD, General Surgery Residency Program Director; Demetrius Litwin, MD, MBA, Chair, Department of Surgery; Marah Tillman, MD; Stacy Sanders, MD, MS, MHA; John Kelly, MD.

Recent Publications

Medical and Surgical Education

- Hill SS, Dore FJ, Em ST, McLoughlin RJ, Crawford AS, Sturrock PR, Maykel JA, Alavi K, Davids JS. Twitter Use Among Departments of Surgery with General Surgery Residency Programs. *J Surg Educ.* 2021 Jan-Feb;78(1):35-42.
- Fryer ML, Balsam LB. Tying NOTSS into cardiothoracic surgery training. *J Thorac Cardiovasc Surg.* 2021 Feb 19: S0022-5223(21)00350-0.
- Flotte TR, Larkin AC, Fischer MA, Chimienti SN, DeMarco DM, Fan PY, Collins MF. In Reply to Ramotshwana et al. *Acad Med.* 2021 May 1;96(5):e15-e16.
- LaFemina J, et al. APDS Consensus Statement: Ideal Senior Medical Student Experiences for Preparedness for General Surgery Internship. *J Surg Educ.* 2021 Jan-Feb;78(1):69-75.
- Bludevich B, Fryer M, Scott EM, Buettner H, Davids JS, LaFemina J. Patterns of General Surgery Residency Social Media Use in the Age of COVID-19. *J Surg Educ* 2021;17; online ahead of print

Cardiac Surgery

- Balsam LB. Gender and opportunity in cardiothoracic surgery. *J Thorac Cardiovasc Surg.* 2021 Mar;161(3):745.
- Balsam LB, Hoffman WD. The molecular pandemonium of coronavirus disease 2019. *J Thorac Cardiovasc Surg.* 2021 Feb;161(2): e227-e228.
- Kilmarx SE, Balsam LB. The downstream effects of thoracic multiorgan donation. *J Thorac Cardiovasc Surg.* 2021 Feb 19: S0022-5223(21)00352-4.
- Qureshi WT, Parker M, Walker J, Kakouros N. Equipment entrapment during redo-TAVR with successful BASILICA procedure. *Catheter Cardiovasc Interv.* 2021 Jan 23.

Colon and Rectal Surgery

- Daniel VT, Alavi K, Davids JS, Harnsberger CR, Maykel JA. Defining Anastomotic Leaks After Colorectal Surgery: Results of a National Survey. *J Surg Res.* 2021 May; 261:242-247.
- Davids JS. Building Gender Equity in Surgery. *Dis Colon Rectum.* 2021 Mar 1;64(3):256-258.
- Hill SS, Harnsberger CR, Hahn SJ, Sturrock PR, Davids JS, Alavi K, Maykel JA. Transanal Minimally Invasive Surgery: An Effective Approach for Patients Who Require Redo Pelvic Surgery for Anastomotic Failure. *Dis Colon Rectum.* 2021 Mar 1;64(3):349-354.
- Lu PW, Shabat G, Semeniv S, Fedorkiv M, Fields AC, Lyu HG, Beznosenko A, Davids JS, Melnitchouk N. The Current Landscape of Staging and Treatment of Colorectal Cancer in a Region of Ukraine: A Mixed Methods Study. *World J Surg.* 2021 Jan;45(1):313-319.

General, Minimally Invasive and Bariatric Surgery

- Kudsi OY, Bou-Ayash N, Gokcal F, Crawford AS, Chung SK, Chudner A, Litwin D. Learning curve of robot-assisted transabdominal preperitoneal (rTAPP) inguinal hernia repair: a cumulative sum (CUSUM) analysis. *Surg Endosc.* 2021 Apr 6.

Organ Transplantation

- Motter JD, Jackson KR, Long JJ, Waldram MM, Orandi BJ, Montgomery RA, Stegall MD, Jordan SC, Benedetti E, Dunn TB, Ratner LE, Kapur S, Pelletier RP, Roberts JP, Melcher ML, Singh P, Sudan DL, Posner MP, El-Amm JM, Shapiro R, Cooper M, Verbesey JE, Lipkowitz GS, Rees MA, Marsh CL, Sankari BR, Gerber DA, Wellen JR, Bozorgzadeh A, et al. Delayed graft function and acute rejection following HLA-incompatible living donor kidney transplantation. *Am J Transplant.* 2021 Apr ;21(4):1612-1621.
- Navarro MED, Yao CC, Whiteley A, Movahedi B, Devuni D, Barry C, Zacharias I, Theodoropoulos NM, Bozorgzadeh A, Martins PN. Liver transplant evaluation for fulminant liver failure due to acute hepatitis A infection: Case series and literature review. *Transpl Infect Dis.* Liver transplant evaluation for fulminant liver failure due to acute hepatitis A infection: Case series and literature review. 2021 Apr;23(2):e13476.
- Martins PN, et al. ILTS Special Interest Group “DCD, Preservation and Machine Perfusion”. Design, Analysis, and Pitfalls of Clinical Trials Using Ex Situ Liver Machine Perfusion: The International Liver Transplantation Society Consensus Guidelines. *Transplantation.* 2021 Apr 1;105(4):796-815.

- Jackson KR, Long J, Motter J, Bowring MG, Chen J, Waldram MM, Orandi BJ, Montgomery RA, Stegall MD, Jordan SC, Benedetti E, Dunn TB, Ratner LE, Kapur S, Pelletier RP, Roberts JP, Melcher ML, Singh P, Sudan DL, Posner MP, El-Amm JM, Shapiro R, Cooper M, Verbese JE, Lipkowitz GS, Rees MA, Marsh CL, Sankari BR, Gerber DA, Wellen J, Bozorgzadeh A, et al. Center-level Variation in HLA-incompatible Living Donor Kidney Transplantation Outcomes. *Transplantation*. 2021 Feb 1;105(2):436-442.
- Martins PN, Buchwald JE, Movahedi B, Torres U, Emhoff T, Walker J, DeBusk MG, Bozorgzadeh A. Successful treatment of complete traumatic transection of the suprahepatic inferior vena cava with veno-venous and cardiopulmonary bypass with hypothermic circulatory arrest. *Hepatobiliary Pancreat Dis Int*. 2021 Jan 6:S1499-3872(21)00003-5.

Pediatric Surgery

- Flaherty MR, Raybould T, Savarino J, Yager P, Mooney DP, Farr BJ, Giuliano JS Jr, Neeman E, Campbell BT, Thaker S, McKiernan C, Lewis D, Epp TK, Baertschiger RM, Jackson CA, Rideout L, Shah A, Falank C, Ontengco J, Cairo S, McLoughlin RJ, Aidlen JT, et al. Unintentional Window Falls in Children and Adolescents. *Acad Pediatr*. Unintentional Window Falls in Children and Adolescents. 2021 Apr;21(3):497-503.
- McLoughlin RJ, Hazeltine MD, Durgin J, Schmidt A, Hirsh MP, Cleary MA, Aidlen JT. A national analysis of pediatric falls from a building. *Injury*. A national analysis of pediatric falls from a building. 2021 Apr;52(4):831-836.
- Srinivas S, McLoughlin RJ, Hazeltine MD, Green J, Hirsh MP, Cleary MA, Aidlen JT. Pediatric snow sport injuries differ by age. *J Pediatr Surg*. Pediatric snow sport injuries differ by age. 2021 Mar;56(3):520-525.

Plastic and Reconstructive Surgery

- McCarthy M, Prete V, Oh S, Gu G, Lujan-Hernandez J, Stamer D, Lalikos J. The Use of Visible-Light Hyperspectral Imaging in Evaluating Burn Wounds: A Case Report. 2021 Apr 29:irab003.
- Lujan-Hernandez J, Chin M, Lancerotto L, Laliko Js. Reply: Increasing Fat Graft Retention in Irradiated Tissue after Preconditioning with External Volume Expansion. 2021 Jan 1;147(1):159e-160e.
- Phelan AL, Gu G, McCarthy M, Barton BA, McIntyre JK, Lalikos JF. Rethinking Farkas: Updating Cephalic Index Norms in a Large, Diverse Population. *Plast Reconstr Surg*. 2021 Jun 1;147(6):1369-1376

Surgical Oncology

- Fong ZV, Lim PW, Hendrix R, Castillo CF, Nipp RD, Lindberg JM, Whalen GF, et al. Patient and Caregiver Considerations and Priorities When Selecting Hospitals for Complex Cancer Care. *Ann Surg Oncol*. 2021; online ahead of print.
- McIntosh LJ, Rosen MP, Mittal K, Whalen GF et al. Coordination and optimization of FDG PET/CT and COVID-19 vaccination; lessons learned in the early stages of mass vaccination. *Cancer Treat Rev* 2021. Online ahead of print.
- Herrick B, Bishop-Jodoin M, Elaimy A, Shanmugham L, Glanzman J, Goff D, Sacher A, Sioshansi S, Moni J, Cicchetti G, Ko E, Han D, Moor J, Varlotto J, Rava P, Aronowitz J, Toke M, LaFemina J, et al. Breast Calcification Relative to Radiation Dose Distribution 21 years after Radiation Therapy: A Case Report and an Argument Against Hypofractionation of Breast Patients. *Frontiers in Medical Case Reports*. 2020;1(4):1-9.

Vascular and Endovascular Surgery

- Fang ZB, Simons JP, Judelson DR, Arous EJ, Jones DW, Steppacher RC, Schanzer A, Aiello FA. Financial implications of coronavirus disease 2019 on a tertiary academic vascular surgery practice. *J Vasc Surg*. 2021 Jun;73(6):1869-1875.
- Duwayri YM, Woo K, Aiello FA, et al. The Society for Vascular Surgery Alternative Payment Model Task Force report on opportunities for value-based reimbursement in care for patients with peripheral artery disease. *J Vasc Surg*. 2021 Apr;73(4):1404-1413.e2.
- Simons JP, Crawford AS, Flanagan CP, Aiello FA, Arous EJ, Judelson DR, Messina LM, Robichaud DI, Valliere SA, Schanzer A. Evolution of fenestrated/branched endovascular aortic aneurysm repair complexity and outcomes at an organized center for the treatment of complex aortic disease. *J Vasc Surg*. 2021 Apr;73(4):1148-1155.e2.
- Oderich GS, Farber MA, Schneider D, Makaroun M, Sanchez LA, Schanzer A, et al. Zenith Fenestrated Study Investigators. Final 5-year results of the United States Zenith Fenestrated prospective multicenter study for juxtarenal abdominal aortic aneurysms. *J Vasc Surg*. Final 5-year results of the United States Zenith Fenestrated prospective multicenter study for juxtarenal abdominal aortic aneurysms. 2021 Apr;73(4):1128-1138.e2.
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