

Issue 5, July 2024

QUARTERLY NEWSLETTER

Department of Surgery



#10 Best Surgery Programs



#13 Best Medical Schools



#12 in NIH Funding

EDELSTONE-BENDIX DAY

The 30th Annual Edlestone-Bendix Day was held on Friday, June 14th. The day's events featured a faculty retreat and research symposium and then ended with a graduation dinner. We are so proud of everyone's contributions!

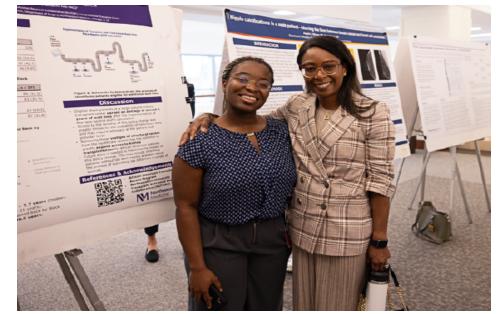


Harry Kraemer, MBA talks leadership, balance and influence at our faculty retreat





Dr. Carl Atkinson and Dr. Daniela Ladner introduce the new DoS RO1 Bootcamp



Dr. Michael Shapiro wins well-deserved Teaching Award at the General Surgery Resident Graduation Dinner

Dr. Dinee Simpson with Ateh Fonteh, MS4 at the William H Pearce, MD Research Symposium

Inside This Issue

Department Updates

Faculty Development

Education

Research and SURGE-N

Division Highlights

Upcoming Events

Summer Social - Wednesday, July 24

Summer Faculty Development Series

Health Outcomes Conference first and third Tuesdays 4-5PM

SURPASS Meetings weekly Wednesdays 6:30-7:30AM

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Department Updates

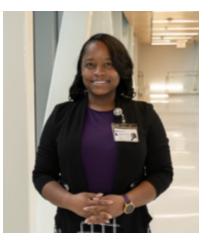
Welcome to the Team!



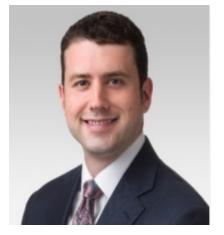
Marianne Freer, joins us as Division Administrator for Cardiac Surgery and Vascular Surgery. She returns to us from the University of Chicago Medicine where she served as the Assistant Director for the Musculoskeletal Service Line.



Yuriko Yagi, MD is currently an Advanced Fellow. Starting in September, she will be our Lung Rescue Health System Clinician -Clinical Assistant Professor in Thoracic Surgery.



Darlene Ratliff is the new Manager of Research Administration. Darlene has a solid background in research administration from her previous roles at Northwestern University.



Brian Brajcich, MD will join us in October as Assistant Professor in the Division of GI Surgery.



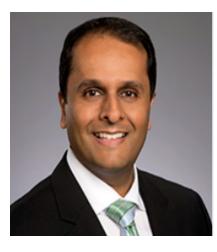
Allison Beckham Davila, MD will join us in July as an Assistant Professor in the Division of Cardiothoracic Surgery at Ann and Robert H. Lurie Children's Hospital of Chicago.



Dean Schraufnagel, MD will join us in October as Assistant Professor in the Division of Thoracic Surgery.



Jesse Davidson, IV, MD, MSCI will join us in September as an Assistant Professor in the Division of Organ Transplantation.



Shishir Maithel, MD, FACS, FSSO, will join us in January 2025 and serve as Chief of the Division of Surgical Oncology.

Nominate a Speaker

We encourage you to submit nominations for compelling speakers to present at a named lecture or other upcoming Department of Surgery meetings. Our hope is to continue to expand our knowledge and showcase leaders and experts who offer particular interest or benefit to our department. The topic should be broad but can range from faculty development, surgical innovation, equity, happenings in American surgery, or any other topic you feel will be relevant and engaging for our faculty, trainees and/or staff.

Complete Online Nomination Form

Well-being Breaks

Well-being breaks are intended to help support day-today well-being by providing opportunities to engage in brief, facilitated well-being activities throughout the workday. Take a look at the summer schedule.

Learn more about Well-being Breaks and view the summer schedule here

Congratulations



Congratulations to Franjo Siric, MD, Surgical Director of Northwestern Medicine Bluhm Cardiovascular Institute (BCVI) at Palos Hospital, received the Cardiac Surgery award as one of the inaugural recipients of the St. George Foundation Distinguished Physician Awards.

Dr. Siric will oversee growth of cardiac surgical programs, including complex and minimally invasive procedures and work to expand heart care to patients in the south and southwest suburbs of Chicago.





Congratulations to Dr. Rebecca Williams who received the Association of Program Directors in Surgery Education Research Grant of \$30,000 over two years for her project titled "Using implementation science to increase faculty engagement with EPAs".

She remarks "The feedback from the review committee that I received was that my grant was the highest scoring grant they had every reviewed, and it was unanimously selected for funding by all members of the committee. I believe that having time to present my specific aims at the SURPASS meeting was critical to this success."



Dr. Williams also recently received the Augusta Webster Faculty Fellowship from the Feinberg School of Medicine. This award is \$50,000 over 2 years. These grants will use an Implementation Science approach to understand barriers and facilitators to faculty and resident engagement with EPAs (Entrustable Professional

Congratulations to Juan Caicedo, MD, who was the recipient of the 2024 National Kidney Foundation of Illinois (NKFI) Premio al Héroe Latino de Trasplante (Latino Transplant Hero Award). This award acknowledges your dedication to transplantation and providing individualized and culturally sensitive care within the Latino Community.

Activities).

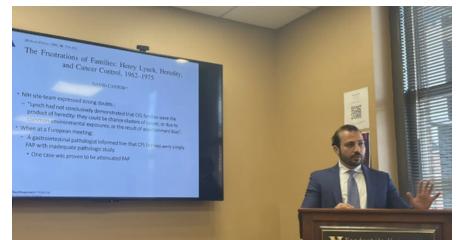


Congratulations on the Gift from the estate of Dr. Susan Luck, \$200,000 to Pediatric Surgery. Named the Susan R. Luck, MD Pediatric Surgery Education Fund, the purpose of this fund is to support resident and attending surgeons' education, including the Luck-Raffensperger Lectureship and other educational priorities determined at the discretion of the director of pediatric surgery.

Faculty Development

Only a few spots left, click here to register

Junior Faculty Exchange



The Department of Surgery "Key" Program			Humhitious
Date	Speakers	Session Title	The Power of Low-Ega. High Drive Leadership
7/12	Nabil Issa, MD Melissa Colby David Grookett, CLU	Setting Financial Goals and Habits that Stick	
7/19	Daniela Ladner, MD John Friedewald, MD	Organize your activities and time to maximize Humbition	Ch: 3
7/26	Rebecca Williams, MD Clyde Yancy, MD	How to Grow Horizontally & How Do you Fit Into and Impact Your Team?	Ch: 4; Ch: 9
8/9	Michelle Paradis, M.Ed Kevin Bethke, MD	Evolution of the Surgeon – Your Path and Your Individual Legacy	Ch: 10
8/16	Michelle Paradis, M.Ed Ashley Vavra, MD	Generational Management	Ch: 7
8/23	Angela Chaudhari, MD Michael Shapiro, MD	Managing/Coping with Complications	Ch: 5; Ch: 6
8/30	Amer Kaissi, PhD	The Humbitious Surgeon: A Framework for Personal and Professional Growth	

Summer Faculty Development Series

Faculty Academic Skills Training (FAST)

FAST was developed to bolster the onboarding process for new faculty and enhance overall career development, led by the division chiefs. We launched this program for several new faculty members and are excited to kick off the program for several more in the coming months.

Women's Surgical Group Quarterly Meetup

The DoS Women's Surgical Group was created to support our women faculty at all stages in their career. Now open to trainees, we offer a safe space to discuss challenges and provide mentorship, encouragement and a community that is supportive. Email hala.nimeh@nm.org if interested.



Dr. Mohammad Abbass presenting at Vanderbilt. Congratulations to our next cohort of Junior Faculty Exchangers selected for AY 2024-25: Drs. Dietch, Bryner, Chawla, Mansukhani and Herrold will be representing the DoS across the nation.

Northwestern Medicine

In-Person Demonstration and Training

Robotics Course

Opportunity for Senior Surgeons Presented by the Department of Surgery and Intuitive Surgical

Monday, July 29 2:00pm to 5:00pm Feinberg 3rd Floor, Conference Room A

- Hardware basics
- Practice with Camera, spatial awareness, depth perception
- Case-specific examples relative to your specialty
- > Pathways to further use on these devices



Register with this QR code Seats are limited

ROBOTICS COURSE

Brought to you by Faculty Development and Intuitive Surgical, we are pleased to present a Robotics Course specifically tailored to surgeons trained in the open era. This in-person course will take place on the Chicago Campus in Feinberg Conference Room A, and is open to all surgeons.

Registration for the event on Monday, July 29th is capped. If you are interested in joining this event, register today using the QR CODE. If you have additional questions about this event or your registration, reach out to rhiannon.weathers@nm.org.

EARLY SURGEON SCIENTISTS



Watch video featuring Dr. Satish Nadig, recently shared from the ASTS 'Academic Universe' on academic surgeon scientists!

Education

2024-2025 General Surgery Residents





Emily Cerier #13654



#13657



#13659



#13075





#18858



Raheem Bell

#17072

Steven Papastefan #53586



Jes Sanders #19594

#59744

Whitney Jones



Sam Warwar #17495



Norah Zaza #15564



Paola Barrios



Nicole Ontiveros



Ryan Jacobs



John Rode



Daniel Liesman



Joseph Sanchez



Marjorie Liggett



Dominic Vitello





Saieesh Rao







PGY3

Research



Education

2024-2025 Surgery Fellows & Residents



Cardiothoracic Surgery

Advanced Cardiac Fellow #423556

Aaron Clark

PGY6 #57683

Adwaiy Manerikar

PGY3 #17296



Ricky Hellmuth Muller Advanced Cardiac Fellow #57496



Emily Cerier

(4+3) #13654

Advanced Cardiac Fellow #423833

Mira



Lehtinen

Sandeep Bharadwaj

PGY5 #15475



Rashmi Nedadur Advanced Cardiac Fellow #59112



Fellow #17290



Charles Logan PGY4 #13658



Anirudha Chandrabhatla PGY1 #423413



Matt Snyder Fellow



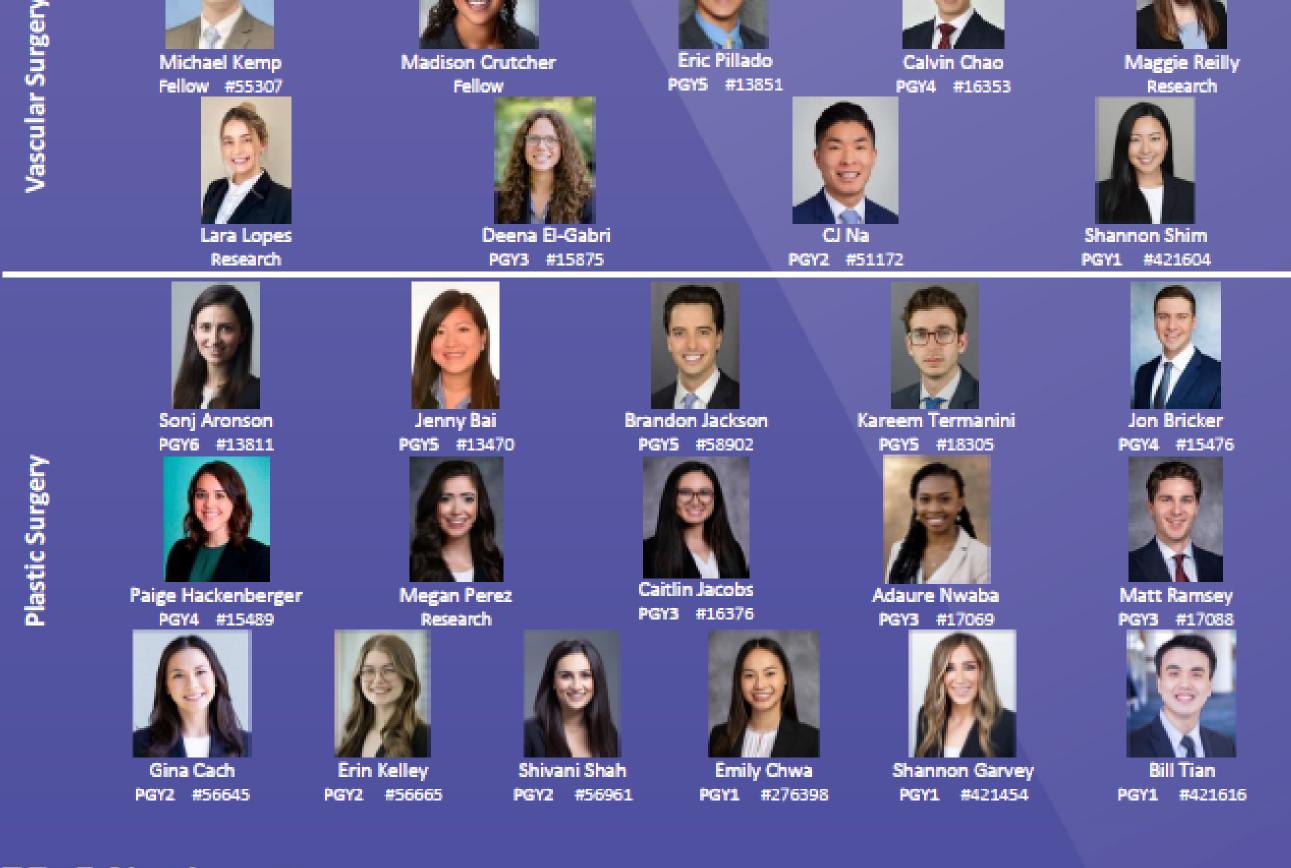
Sarah Nisivaco PGY4 #25866



Yunda Wang PGY1 #424360



Michael Kemp





Anagha Prasanna

PGY2 #59545

Madison Crutcher



Tom Liu

PGY2 #315529

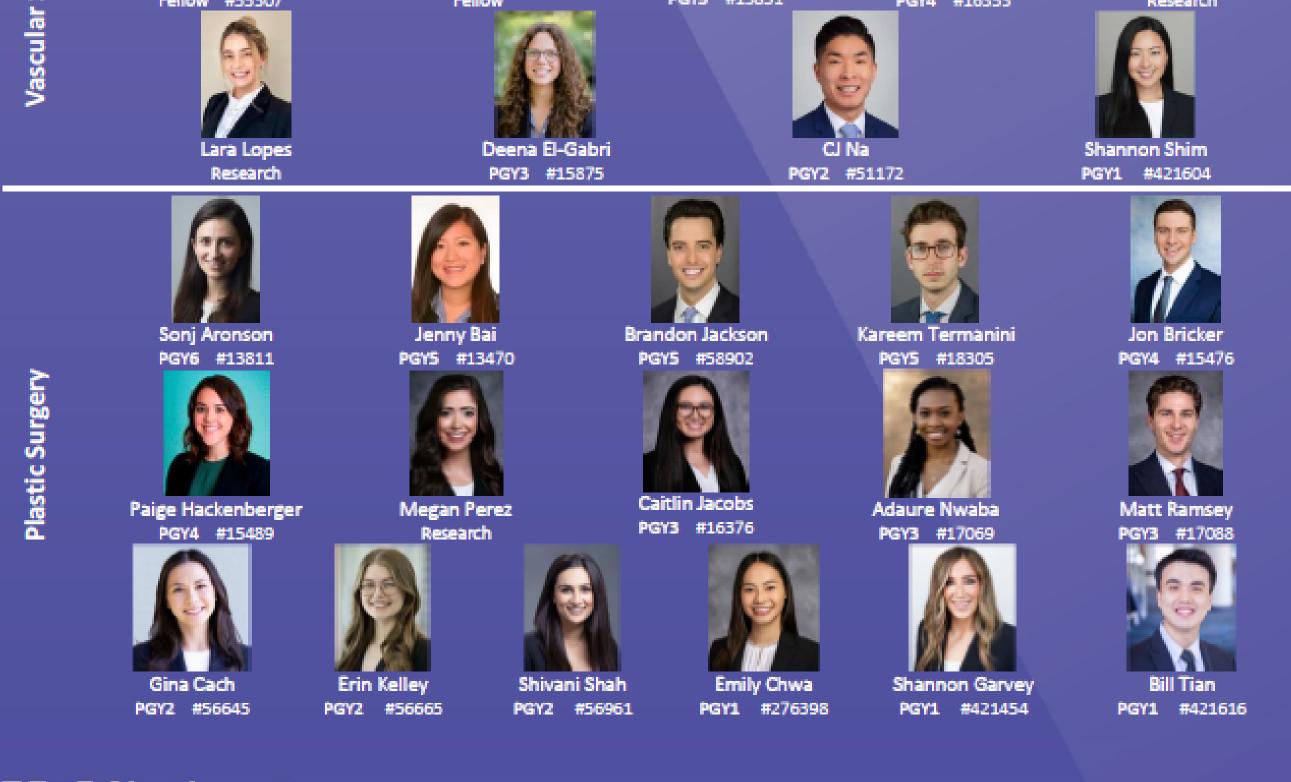
Eric Pillado



Calvin Chao







#13663













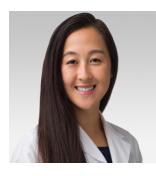


Northwestern Medicine

Education

FELLOWSHIP MATCHES

General Surgery residents matched into the following residencies:



Jessie Ho, MD - Vascular Surgery, Northwestern



Suhail Zeineddin, MD – Plastic Surgery, University of Arkansas



Ryan Randle, MD - Cardiothoracic Medical School, UCLA Residency, Oregon Health and Science University

CONGRATULATIONS

Congratulations to Dr. Brooke Golisch for being awarded the first AND second prize winner papers in the clinical category for the ACS- COT resident paper competition.

Congratulations to Dr. Marjorie Liggett for being awarded the second AND third prize winner papers in the basic sciences category for the ACS-COT resident paper competition.



Congratulations to Dr. Nabil Issa, Dr. Anne Stey, Dr. Rashmi Kabre, and Dr. Hasan Alam for their mentorship and support for our resident's professional development and academic productivity.

Congratulations to Andrew Hu, who won the Dr. Susan Perlman Award, Established in 1992 by the Northwestern Women Physicians. This

honorarium is given each year to the Northwestern University McGaw senior resident at NMH who is selected by the NMH medical staff officers who best exemplifies academic excellence, special leadership skills and compassion for patients.



Pictured above: Mackenzie Krueger, Manager of Education, Dr. Andrew Hu, resident alum, Dr. Leah Tatebe, Program Director of Residency

Research

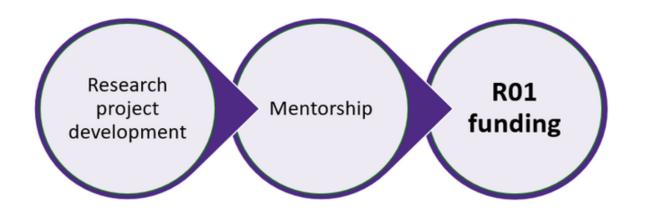
R01 Investigator Bootcamp

DEADLINE TO SIGN UP: JULY 15

The DOS New Investigator Bootcamp is a specialized training that will be offered to faculty junior to research (not RO1 funded) towards RO1 submission. Through community, collaboration, and communication, the bootcamp's purpose is to further grow the RO1 success rates in the department and to cultivate a cohesive community of peers and mentors with strong relationships between faculty members.

Eligibility requirements to participate are:

- Faculty with no R01-level funding
- Commitment to meetings and adherence to timeline by faculty and Division Chief
- Submission of single PI R01 (ESI) at end of R01 Bootcamp



DOS New Investigator Bootcamp Application -Due July 15, 2024

Eligibility Requirements: •Faculty with no R01-level funding •Commitment to meetings and adherence to timeline by faculty and Division Chief •Submission of <u>single PI</u> R01 (ESI) at end of R01 Bootcamp

* Required			
1. Name *			
Enter your answer			
2. Division *			
Select your answer V			
3. Title of Project *			
Enter your answer			
4. Brief Overview of Project *			
Maximum 500 words			
Enter your answer			
5. Preliminary Internal Subject Matter Expert Mentors *			

Enter your answer

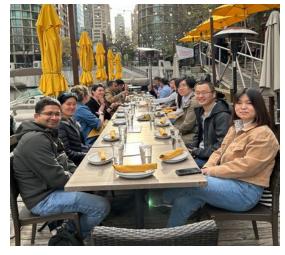
 I attest to receiving approval from my Division Chief to participate in this project. My Division Chief and I understand the commitment to meetings and adherence to the timeline of the program. *

Submit Application Here

Congratulations to Saieesh Rao, MD and his mentor Anne Stey, MD for being awarded an F32 entitled "Long-Term Outcomes and Cost Implications of Inequitable Access to Acute Inpatient Rehabilitation". This follows them also receiving the AAS Trainee Research Fellowship and the ACS Resident Scholarship!







Joint Lab Celebration for the Research Labs of Drs. Karen Ho, Satish Nadig, Hasan Alam and Bowen Wang



Dr. Carl Atkinson discusses the vision for the new Investigator Bootcamp at EB Day in June

SURGEIÉN

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Surgery Research Growth and Engagement Newsletter

Issue 11 (June 2024)

2024 William H. Pearce, MD Research Symposium

Congratulations to these trainees (and their mentors) who received this year's research awards. All abstracts and recorded talks by awardees are on the website --- CHECK IT OUT!



Jessie Ho (Hasan Alam): Allen B. Kanavel Surgical Scholar Award Sarbjeet Niraula (Karen Ho): Fellows Competition, First Place Taylor Hallman (Arun Gosain), Veronica Villanueva (Steve Schwulst), Li Yin (Bowen Wang): Fellows competition, Research with Distinction Calvin Chao (Bin Jiang): Resident Competition, First Place, Basic Science Research Eric Pillado (Dawn Coleman): Resident Competition, First Place, Clinical Research Raheem Bell (Ankit Bharat), Joe Sanchez (Anne Stey), Charesa Smith (Mehul Raval): Research with Distinction, Senior Residents

Joanna Buchheit (Akhil Chawla), Kelley Chan (Dave Bentrem), Meredith Taylor (Satish Nadig): Research with Distinction, Junior Residents

Zaiba Dawood (Hasan Alam): First Place, Student Competition

Megan Alagna (Karen Ho), Hyebin Han (Steve Schwulst), Bilal Naved (Jenny Zhang): Research with Distinction, Student Competition





















INSTITUTE SQ SIMPSON QUER

Jes Sanders (mentors: James Mathew and Joe Leventhal) was selected to give the 2024 Rising Stars of SQI Lecture in March entitled, "Leveraging Antigen-Specific Regulatory T Cells as Adoptive Cell Therapy in Organ Transplantation." Read about it here!



Ryan Jacobs (mentor: Dave Odell) was recognized in the American Association of Thoracic Surgeons "Mentor for a Day" Program. He was also a finalist in the Paul C. Samson Resident Prize Competition of the Western Thoracic Surgical Association.







Saieesh Rao (mentor: Anne Stey) was awarded an NIH F32 entitled "Long-term outcomes and cost implications of inequitable access to acute inpatient rehabilitation."

Paola Barrios Martinez (mentor: Daniela Ladner), Dan Liesman (mentor: Aimen Shaaban), and Lara Lopes (mentor: Ashley Vavra) were each

awarded funding from the Steven J. Stryker, MD, Gastrointestinal Surgery Research and Education Endowment.





ONLINE EDITION of SURGE-N for all the latest trainee research news!

Transplant Surgery

Surgeons Perform Awake Kidney Transplant with Next Day Discharge

Click image to watch



Last month, Satish Nadig, MD, Vinayak Rohan, MD and anesthesiologist Vicente Garcia Tomas, MD performed the surgery which took less than 2 hours. The patient received a type of anesthesia that's similar to what's used during a cesarean section. This option may open the door to increase access to transplantation for patients who are high-risk to undergo general anesthesia, while also decreasing the length of hospital stay.





"He had the utmost faith in us and we had the upmost faith in him." -Vinayak Rohan, MD

In April, the Northwestern Medicine Organ Transplantation Center performed its 10,000th abdominal organ transplant. This follows a recordbreaking year of 518 kidney, liver and pancreas transplants in 2023. Founded in 1964, the Organ Transplant Center is one of the largest and longest running in Illinois!

Vascular Surgery

Streamlined protocol saves life in suburban NMH campus

Click here to read full article

Dr. Gabriel Wallace (pictured below) used his streamlined protocol to identify and rapidly treat an abdominal aortic aneurysm (AAA) at the Northwestern Medicine Palos Hospital. He used the minimally invasive endovascular aneyrysm repair (EVAR) technique.



"Rapid treatment is the different between life and death." -Gabriel Wallace, MD

Surgical Oncology

Missed from last Quarterly Newsletter

The division of surgical oncology completed its first Roboticassisted Whipple operation for pancreatic ductal adenocarcinoma this past February. The team was led by Dr. Juliet Lumati and Dr. Akhil Chawla. More than 70% of the case was completed robotically.

The team also completed the first robotic total gastrectomy with an intrathoracic esophago-jejunal anastomosis in combination with Dr. Kalvin Lung. In these cases, the use of a robotic platform has been associated with less blood loss, a decrease in length of stay, and post-operative pain without compromise to oncologic outcomes.

We look forward to continuous expansion and collaboration in building a robotics platform for patients with hepatobiliary and complex GI malignancies who present to NMH. A special thank you to Dr. Bentrem, Dr. Wayne, the surgical oncology clinical team, the OR staff, and the surgery residents for all your help in making this possible.

Dr. Lumati was also nominated to be the AAS representative to the G4 alliance.

Breast Surgery

Lynn Sage Breast Fellows 2024-25 Starting August 1st



Hayley Everett, MD, is completing her Residency at UTHSC College of Medicine Chattanooga. She received her Doctor of Medicine at LSUHSC Shreveport School of Medicine, and graduated from Louisiana State University with a Bachelor of Science in biological sciences



Rashi Singh, MD, is completing her Residency at Case Western Reserve. She received her Doctor of Medicine from the University of California, Irvine, and graduated from the University of California, Los Angeles, with a Bachelor's of Science degree.

Seema Khan, MD at the San Antonio Breast Cancer Symposium Click image to watch



Seema Khan, MD Northwestern Feinberg School of Medicine, Chicago, IL

Congratulations to Natalie Friedman on her promotion to Operations Coordinator!



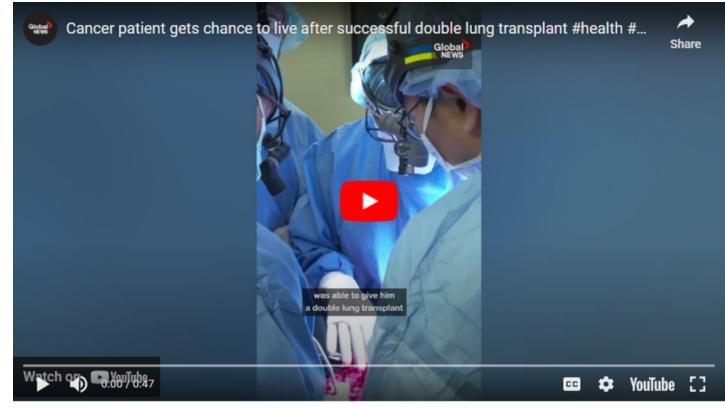
Thoracic Surgery

Surgeons got to work on a first-of-its-kind double-lung transplant

For this patient the pressure inside the lungs had increased to the point that it was causing heart failure. Dr. Ankit Bharat determined his only option for survival was a double-lung transplant.

"Despite being told 'no' by other doctors, the patient kept searching for answers. I feel honored thta we were able to help him since he spent so many years helping the community as a police captain," said Dr. Bharat.

The patient remarked, "my recovery from the doublelung transplant has been easier than my recovery from lung cancer surgery."



Click here to watch the video

"It was a double hit for him to get not only a severe case of COVID but also lung cancer." -Ankit Bharat, MD

Woman returns to life after life-saving double lung transplant



Watch the video featuring Diego Avella Patino, MD in spanish.

Also Read:

Creative repurposing saves heart during lung transplant, featuring Ankit Bharat, MD. Click here to view article.

Pediatric Surgery

• PumpKIN Pivotal Trial - CV Surgery has been selected to be part of the next novel pediatric ventricular assist device

• Dr. Julia Grabowski was officially named Medical Director of Colorectal Surgery where she will serve as a liaison to the Pediatric Colorectal and Pelvic Learning Consortium and lead the Colorectal Health Institute for Pediatrics (CHIP) Program at Lurie.

• Drs. Timothy Lautz and Seth Goldstein are conducting an innovative clinical trial using novel molecular imaging makers to identify ureters during laparoscopic surgery. Lurie is the ONLY pediatric site in the nation involved in this clinical trial.

• Dr. Seth Goldstein was named Program Director for the Pediatric Surgery Clinical Fellowship. He also received a Gerber Foundation Grant to evaluate trans-cutaneous spectroscopy to detect early "fingerprints" of life-threatening neonatal conditions such as necrotizing enterocolitis and hypoxic ischemic encephalopathy.

• The Pediatric Devices, Innovations, and Advances in Surgery (PEDIA-SURG) research group investigators Timothy Lautz, MD, and Seth Goldstein, MD, DPhil, completed a successful Investigational New Drug (IND) application with the FDA and have begun a first-in-pediatrics clinical trial of a novel fluorescent agent used to detect sarcoma metastases during surgery.

• The Fertility and Hormone Preservation Program under the leadership of Erin Rowell, MD, and Monica Laronda, PhD, recently expanded services to include processing of ovarian tissue from other hospitals. This will allow for expanded access to fertility preservation procedures for patients at other hospitals which have the technical ability to harvest ovarian tissue but lack the processing expertise needed to preserve this tissue for long term storage and future reimplantation.

• The Division of Pediatric Surgery has partnered with hospital leadership, supply chain teams, sterile processing, and O.R. nursing on a wide variety of initiatives. A single-use instrument reprocessing program was instituted at Lurie Children's Hospital to recycle and reprocess many commonly used single-use instruments. The program is steadily expanding the type and volume of instruments being collected. These efforts have resulted in significant cost savings along with decreases in energy and water waste.

• Arun Gosain, MD, Division Head of Plastic & Reconstructive Surgery, served as the Earl Jordan Annual Visiting Professor in Plastic Surgery through the Cleveland Clinic-Metro Health program, where he took the residents through cadaver dissection focused on facial anatomy.

Pediatric Surgery Extramural Grant Awards in the Past 12 months

<u>K-AWARDS</u>

Yue-Yung Hu, MD (KO8) - AHRQ - Improving Inclusion in Surgical Residency to Advance Workforce Diversity and Health Equity

R-AWARDS

Fizan Abdullah, MD (R01) - NINR - Using the Fitbit for early detection of Infection and reduction of healthcare utilization after Discharge in Pediatric Surgical Patients Mehul Raval, MD (R01) - AHRQ - Outcomes and Affordability of Observation Status for Children (OASIS) Justin Ryder, PhD (R01) - NIDDK - Mechanisms of SGLT2 Inhibition in Pediatric NAFLD

<u>T-AWARDS</u>

Mehul Raval, MD (T32) - NICHD - Children's Surgery Methodology and Research Training (C-SMART)

Foundation Awards

Joanna Ledwon, PhD/Arun Gosain, MD (Plastic Surgery Foundation) - Radioprotective Role of ADM and DFO in Tissue Expansion





