

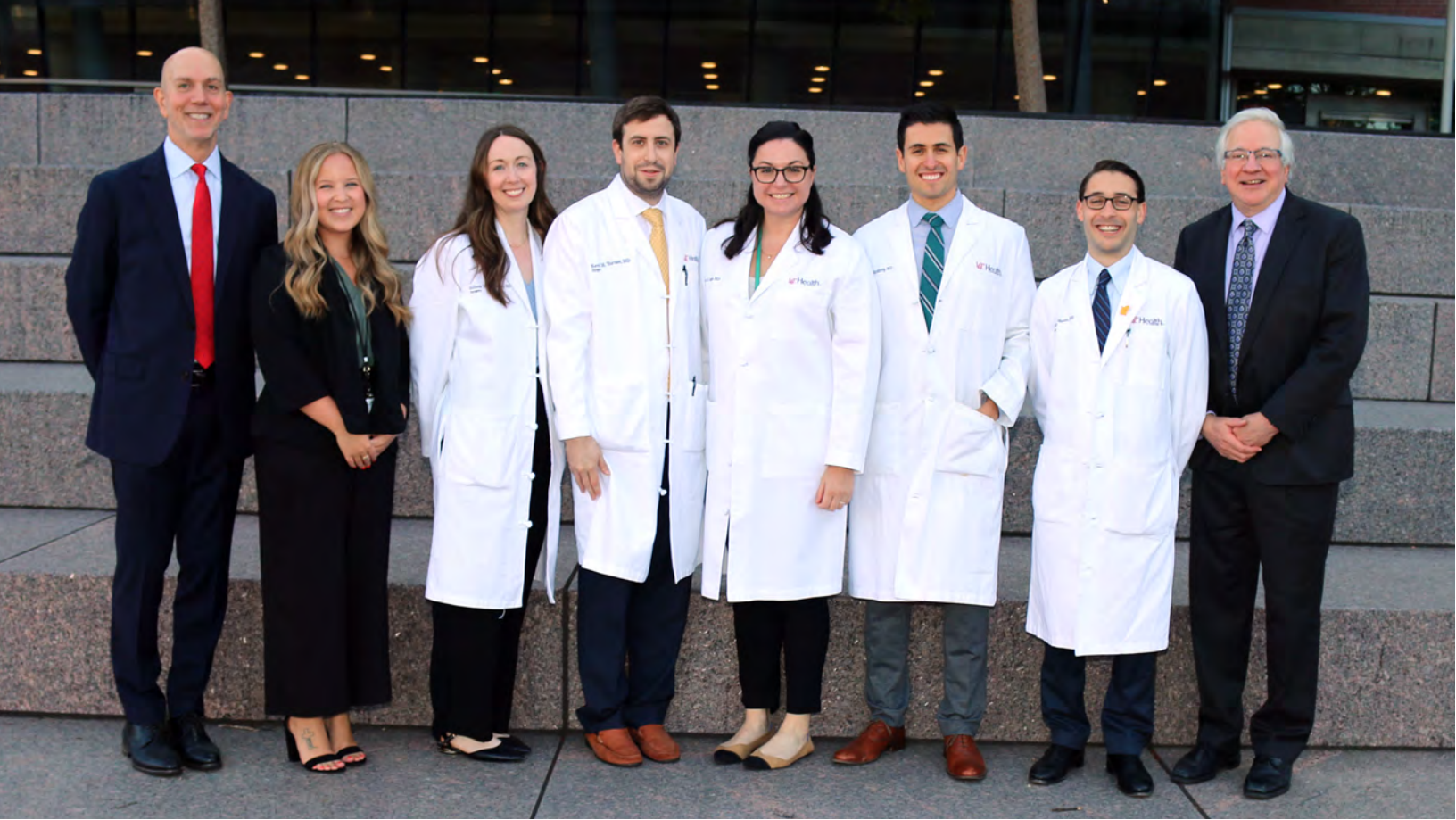


Department of Surgery University of Cincinnati

2024-2025 Annual Report

Table of Contents

| | |
|--|----|
| Letter from the Office of the Chair | 3 |
| UC Health - Who We Are | 7 |
| Facilities | 9 |
| History of the Department..... | 11 |
| Office of Education | 14 |
| Center for Surgical Innovation..... | 46 |
| UC Institute for Military Medicine | 49 |
| Division of Cardiothoracic Surgery | |
| Section of Cardiac Surgery | 51 |
| Section of Thoracic Surgery..... | 53 |
| Division of Colon and Rectal Surgery..... | 55 |
| Division of General Surgery | |
| UC Medical Center General Surgery..... | 58 |
| West Chester Hospital General and Bariatric Surgery..... | 59 |
| West Chester Hospital Trauma and Acute Care Surgery | 59 |
| UC Medical Center Acute Care Surgery..... | 59 |
| UC Medical Center Trauma Surgery..... | 60 |
| UC Medical Center Surgical Critical Care | 61 |
| C-STARS Cincinnati | 61 |
| General Surgery Research..... | 66 |
| Division of Oral and Maxillofacial Surgery | 71 |
| Division of Pediatric Surgery | 75 |
| Division of Plastic, Reconstructive and Hand Surgery/Burn Surgery..... | 81 |
| Division of Surgical Oncology..... | 84 |
| Division of Transplantation | 87 |
| Division of Vascular Surgery..... | 90 |
| Affiliates | 92 |
| Publications, Presentations and Grants..... | 94 |



**David A. Gerber, MD, FACS,
FAASLD**

Christian R. Holmes Professor
of Surgery and Chair

Department of Surgery
University of Cincinnati
231 Albert Sabin Way
Cincinnati, OH 45267-0558

513-558-5333
gerberdd@ucmail.uc.edu

The department is comprised of a team of surgical faculty, advanced practice providers, nurses, pharmacists and support staff who share a common commitment to provide high-quality comprehensive care to patients coming to the University of Cincinnati from the local community and from across the country. We are dedicated to the training of nearly 200 medical students and an average of 100 residents/fellows each year across multiple subspecialties, with the result that our graduates consistently attain the most competitive residencies, fellowships and faculty positions.

Highlights and achievements of the past academic year include:

Innovative Research and Grants:

– Our faculty secured over \$18 million in research funding, reflecting our commitment to advancing surgical science and patient care.

Clinical Excellence:

– We successfully performed nearly 12,000 complex surgical procedures, maintaining our reputation for clinical excellence and patient safety.

– The launch of our new DV5 robotic surgery program has already shown promising outcomes, enhancing precision and recovery times for our patients. This program is a key innovation in our clinical practice.

Letter from the Office of the Chair

As I near the end of my first year serving as Christian R. Holmes Professor and Chair of the Department of Surgery, it is my pleasure to share with you the highlights and achievements of our department over the past academic year, as well as our clinical and academic missions.

Educational Milestones:

– Our residency programs continue to offer graduated training experiences, ensuring that our residents are fully competent when they graduate. Their cumulative success is demonstrated by a 100% match rate for our graduating residents into top fellowship programs, while many of our graduates continue to advance as future leaders in academic surgery.

Academic Achievements:

– During the past academic year our faculty published over 250 peer-reviewed articles in high-impact journals, contributing significantly to the body of surgical knowledge.

– We had a strong presence at national and international conferences, with numerous oral presentations and our residents receiving several awards at national competitions. These achievements are featured in this report.

– Several of our faculty serve as editors and deputy editors for prestigious academic journals.

– Many of our faculty members were recognized with teaching awards, underscoring our commitment to excellence in education. These accomplishments are a testament to the dedication and hard work of our faculty, staff, and trainees.

I am incredibly proud of what we have achieved together and look forward to continuing our tradition of excellence in the coming year. Our mission remains: To push the boundaries of surgical science and improve the lives of our patients, while preparing the next generation of surgeons and leaders.



Chair's Office administrative staff and business managers.



Our education values are to:

- Train medical students, residents and fellows to reach their greatest potential for success as surgeons and leaders.
- Celebrate our individual strengths and diversity, and support each other as we overcome our hurdles to success, all while sharing common goals of clinical excellence, scientific discovery and professional growth.
- Promote and support our residents to go on to the most highly competitive fellowships and academic positions, and to become successful leaders advancing surgical excellence.



UC Department of Surgery Organization Chart

Office of the Chair:



David A. Gerber, MD
– Chair



Madison Cuffy, MD –
Vice Chair for Pathway
Innovation and Inclusive
Excellence



Michael D. Goodman, MD
– Vice Chair for Research



J. Taliesin Richards –
Executive Director of
Business Affairs



Jeffrey J. Sussman, MD –
Vice Chair for Education



Lane L. Frasier, MD, MS –
Vice Chair, Junior Faculty
Advisory Committee



**Alicia A. Heelan, MD,
MS** – Vice Chair for
Quality



Latifa Sage Silski, MD –
Director of Student
Clerkship



**Division of
Cardiothoracic Surgery**
Sandra Starnes, MD – Chief



**Division of Surgical
Oncology**
Syed Ahmad, MD – Chief



**Division of
Transplantation**
Shimul Shah, MD – Chief



Section of Cardiac Surgery
Louis Louis, MD – Director



**Division of General
Surgery**
Timothy Pritts, MD, PhD –
Chief



**Section of Kidney
Transplantation**
Madison Cuffy, MD –
Director



**Section of Thoracic
Surgery**
Sandra Starnes, MD –
Director



**Section of Trauma, UC
Medical Center**
Amy Makley, MD – Director



**Section of Liver Trans-
plantation/Living Donor
Liver Transplantation**
R. Cutler Quillin III, MD –
Director



**Division of Colon &
Rectal Surgery**
Ian Paquette, MD – Chief



**Section of Acute Care
Surgery, UC Medical Center**
Jason Schragger, MD –
Director



**Division of Vascular
Surgery**
Joseph Giglia, MD – Interim
Chief



**Division of Oral &
Maxillofacial Surgery**
Deepak Krishnan, DDS, FACS
– Chief



**Section of Surgical Critical
Care, UC Medical Center**
Betty Tsuei, MD – Director



Affiliates:
David Blevins, MD – Site
Director for General Surgery
Education,
Holzer Clinic



**Division of Plastic &
Reconstructive Surgery**
Sonu Jain, MD – Chief



**Section of General Surgery
and Bariatrics, West Chester**
Jonathan Thompson, MD –
Director



Charles Park, MD – Site
Director,
**Mzuzu Central Hospital,
Malawi, Africa**



Section of Burn Surgery
Petra Warner, MD –
Director



**Section of Trauma, Critical
Care, and Acute Care
Surgery, West Chester**
Aaron Seitz, MD – Director



Fadi Makhoul, MD – Site
Director for General Surgery
Education,
**Veterans Affairs Medical
Center**



**Division of Pediatric
Surgery**
Gregory Tiao, MD – Chief of
General & Thoracic Surgery,
**Cincinnati Children's
Hospital Medical Center**



**Section of General Surgery
Research**
Michael Goodman, MD –
Director



UC Health - "Who We Are"

In September 2010, University of Cincinnati Physicians — the faculty physician practice group of the UC College of Medicine — along with University Hospital and West Chester Hospital — publicly launched the collaborative partnership UC Health. This partnership speaks to the value of discovery-driven medicine that is at the core of University of Cincinnati Physicians and we will continue to strengthen our partnership through our mission of research, education and patient care.

University of Cincinnati Physicians is the multispecialty practice group of the UC College of Medicine. Physicians, surgeons, nurses and other allied health professionals in the group staff the hospitals of UC Health. University of Cincinnati Physicians is the Cincinnati area's largest and most distinguished group of board-certified physicians, with more than 700 clinicians practicing in every medical and surgical specialty and a power-house for health care in the Greater Cincinnati region.

Many clinicians with University of Cincinnati Physicians are fellowship trained in various fields of medicine to provide specialized care to our patients. As clinicians, teachers and researchers of modern medicine, our physicians are able to provide patients with contemporary treatments and methods of care that aren't typically available outside of an academic medical setting. UC Health provides a comprehensive menu of inpatient and outpatient services, delivered at a cohesive network of hospitals and medical offices throughout the Greater Cincinnati region.

Visions & Goals

Through responsive, innovative and cost-effective care, University of Cincinnati Physicians is committed to provide the very best personalized care for our patients. UC Health will be the health care network of choice in our region and the care we deliver will make a difference today and for a lifetime. Together, the facets of UC Health will represent quality, commitment and strength.

Together, UC Health is:

- world-class physicians
- the largest physician group in the region
- committed to delivering the highest level of patient care
- driven by discovery and innovation
- the trainers of the physicians of tomorrow
- an anchor of health care in Greater Cincinnati.

Goals for Continued Success

To ensure success, UC Health will consistently focus on the following:

- Accessibility to specialty care for patients, referring physicians and insurers.
- Recruiting and retaining world-class physicians.
- Providing the highest level of personalized health care to patients.
- Improving health care delivery while discovering tomorrow's medical treatments.
- Utilizing more efficient, effective business practices.

UC Health brings together the region's top clinicians and researchers to provide world-class care to our community. From our flagship University of Cincinnati Medical Center to our state-of-the-art West Chester Hospital, UC Health delivers the absolute best in treatment and care.

Continually recognized for excellence and backed by the academic strength of the University of Cincinnati, one of the nation's top 25 public research universities, UC Health is revolutionizing how discovery-driven care is delivered.

For more information on UC Health, please visit [uchealth.com](https://www.uchealth.com).



Facilities

UC Health University of Cincinnati Medical Center

UC Health University of Cincinnati Medical Center (UCMC) has been serving the Cincinnati community for over 180 years and is a primary teaching and patient care site for the University of Cincinnati (UC) Department of Surgery. UCMC is a 726-bed tertiary hospital which provides many services not available in any other facility in the region. Specialized services available include the region's best-equipped and busiest Level I trauma center, one of just a few adult burn treatment centers certified by the American College of Surgeons/American Burn Association, and transplantation for heart, liver, pancreas and kidney. The hospital was ranked as the No. 1 regional hospital by *U.S. News & World Report* and surgery's divisions of urology and heart surgery were noted as "top performing" programs.

Barrett Center

The Barrett Center at the UC Cancer Center (UCCC) provides some of the most advanced and comprehensive cancer services available in the region. This center supports clinical research with its involvement in more than 120 active protocols sponsored by cooperative programs through the National Cancer Institute as well as private pharmaceutical companies. The UC programs are approved by the American College of Surgeons Commission on Cancer. The ambulatory office facilities that support the UC Department of Surgery's oncology division are housed in the Barrett Center, the core cancer outpatient facility of the UCCC. The center encompasses all education, research and clinical programs related to oncology at UC, and is a partnership of the UC College of Medicine, Cincinnati Children's Hospital Medical Center and UC Health.

Cincinnati Children's Hospital Medical Center

Cincinnati Children's Hospital Medical Center is a nationally and internationally recognized leader in the treatment and research of pediatric and adolescent diseases. As a result, this institution draws patients from all over the United States and over 30 countries each year who need specialized tertiary care. Cincinnati Children's has 598 beds and is the only Level I pediatric trauma center in southwestern Ohio, northern Kentucky and southeastern Indiana. The hospital is a major teaching site for UC surgery residents and consistently ranks high in the nation among all Honor Roll hospitals in *U.S. News & World Report's* annual Best Children's Hospitals ranking.

Holmes Hospital

The Holmes Hospital is an ambulatory facility, located at the corner of Eden Avenue and Albert B. Sabin Way. The hospital is home of the Oral and Maxillofacial Surgery resident clinic which sees over 12,000 patients annually. In addition, the hospital houses the private practice for the division of plastic, reconstructive, and hand surgery.

Cincinnati Department of Veterans Affairs Medical Center

The Cincinnati Department of Veterans Affairs Medical Center is a major 248-bed acute-care hospital for veterans in Southwest Ohio. This facility is a dean's committee medical center and affiliated with the UC College of Medicine. All staff surgeons at the VA Medical Center have academic appointments at the College of Medicine. General surgery, urology and vascular surgery represent three of the largest volume sections within the VA surgical service. The surgical service continues to encounter a wide variety of pathological conditions which require surgical treatment, thus providing a significant opportunity for faculty research and a vital cornerstone for the surgical education of residents and medical students.

The Christ Hospital

The Christ Hospital is a 555-bed acute-care hospital located 1.5 miles from the UC College of Medicine. The hospital remains an important part of the integrated surgical residency in general surgery. UC surgeons utilize The Christ Hospital for patient care in the areas of general, colorectal, vascular, weight loss, transplantation surgery and surgical oncology.

The Christ Hospital Medical Office Building

The Christ Hospital Medical Office Building is an ambulatory office practice location for the UC Department of Surgery. It is home to the division of colon and rectal surgery, with additional offices for general surgery.



University of Cincinnati Medical Center



Barrett Center



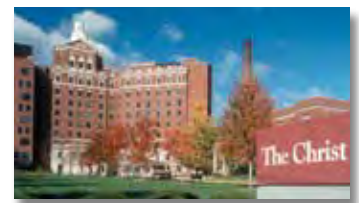
Cincinnati Children's Hospital Medical Center



Holmes Hospital



Cincinnati Department of Veterans Affairs Medical Center



The Christ Hospital



The Christ Hospital Medical Office Building



CARE/Crawley/Medical Sciences Building

CARE/Crawley and Medical Sciences Building

The Medical Sciences Building is the main administrative and laboratory facility of the College of Medicine. The Department of Surgery operations housed in this building include the Chairman’s office, faculty academic offices, teaching facilities, and laboratories.



UC Health Physicians Office Clifton

UC Health Physicians Office Clifton

The UC Health Physicians Office Clifton is the primary ambulatory office practice site for the UC Department of Surgery. Housed on the seventh floor of this 135,000 square foot facility are 21 exam rooms, four procedure rooms, medical records, scheduling center and clinical practice support staff.



UC Health Physicians Office North

UC Health Physicians Office North

The UC Health Physicians Office North is located in West Chester, Ohio, just off I-75 in Butler County. This 80,000 square foot facility is home to a full-service center for high-tech diagnostic services. All surgical subspecialties under the Department of Surgery offer convenient clinic hours at this location. The UC Health Physicians Office West Chester is home to The Cosmetic Center, which offers advanced cosmetic surgery and skin care treatments; and to the UC Health Weight Loss Center, which offers a comprehensive medical weight loss program and latest surgical weight loss options.



UC Health West Chester Hospital

West Chester Hospital Surgical Center

The UC Health Surgical Hospital is accredited by the Joint Commission. This state-of-the-art ambulatory surgery facility has four operating rooms and two endoscopy suites. The facility can accommodate outpatients as well as short-stay procedures requiring hospitalization for up to 72 hours.



Drake Center

Drake Center

The Drake Center is the region’s full-service post-acute care rehab facility, a not-for-profit health care organization affiliated with the University of Cincinnati. Drake completed an extensive \$33 million modernization project, creating an efficient, inviting, 300-bed health care center that allows the Drake team to provide medically complex, quality health care into the 21st century. The Drake Center provides the Department of Surgery the opportunity to treat patients who require post-acute care, contributing to the goal of restoring each individual patient to the highest possible level of functioning and independence.

Holzer Clinic

The Holzer Clinic is a modern, 100-plus physician, multispecialty group practice facility located in Gallipolis, Ohio, near the West Virginia border. This clinic provides primary, secondary and tertiary care to patients in the Southeastern Ohio and Western West Virginia region. The Holzer Clinic’s primary service area covers eight counties (six in Ohio and two in West Virginia) with a population base of about 300,000 and over 150,000 clinic visits per year. The Holzer Clinic is affiliated with Holzer Health System, a 266-bed community-oriented acute-care hospital located adjacent to the main clinic facility. Approximately 6,000 operations are performed yearly and there are over 16,000 Emergency Department visits per year. Virtually all surgery residents select a two-month elective rotation to this facility. This rotation exposes these residents to a rural, broadly-defined general surgery experience.



Holzer Clinic

Mzuzu Central Hospital, Malawi, Africa

Mzuzu Central Hospital is a 300-bed district hospital and referral center in the Northern region of Malawi serving a catchment area of approximately 2.5 million people. As part of the Global Surgery Rotation, 3rd or 4th year general surgery residents rotating at this hospital perform over 100 operations in a 2-month period of time, including pediatric, gastrointestinal, urology, endoscopic, and head & neck cases.

UC Health West Chester Hospital

UC Health West Chester Hospital is a 186-bed acute care hospital in West Chester, Ohio, providing the latest technology delivered in a healing environment. The hospital is conveniently located and easily accessible from Interstate 75 at Tylersville Road. Services include a full-service emergency department, and inpatient and outpatient diagnostic and treatment services.



Mzuzu Central Hospital

History of the Department

The UC Department of Surgery was derived from pioneering American surgeons and the evolution of local colleges of medicine and hospitals that parallel the origins and growth of Cincinnati itself, dating as far back as 1788. The "Hopkins Invasion" of 1922 marks the birth of the contemporary Department of Surgery at the University of Cincinnati. Dr. George Heuer and a small group of surgeons from Dr. William Halsted's department at Johns Hopkins Medical School moved from Baltimore to Cincinnati and established a full-time surgical department with a pyramid-structured general surgery residency training program to graduate highly qualified surgeons after several years of rigorous training. After the Peter Bent Brigham Hospital at Harvard Medical School in Boston, the UC Department of Surgery was the second program in the country to be patterned on the Hopkins model.

Dr. George J. Heuer (1922-1931), the first Christian R. Holmes Professor of Surgery and Chair, brought Dr. Halsted's method of surgical training to Cincinnati, along with several of Halsted's residents including future department chairmen, Mont Reid, B. Noland Carter and Max Zinninger. He established the now routine practice of taking thorough case histories of patients and regular follow-up care. He instituted that all tissue be studied in the lab to confirm a surgeon's diagnosis, again a now routine practice. The tradition of superior quality and surgical innovation continued under subsequent chairs of the Department.

Dr. Mont Rogers Reid (1931-1943), the second Christian R. Holmes Professor of Surgery and Chair, worked tirelessly to strengthen the relationship between the university medical school and the community. He brought attention to the Department through numerous articles in the prestigious *New England Journal of Medicine* on wound healing processes.

Dr. Max M. Zinninger (1943-1946) led the Department in the interim years after Dr. Reid's untimely death. He was one of the first to complete his surgical residency at UC in 1927 under Heuer. Also known for working collaboratively with community physicians on complicated cases requiring highly specialized care, he was considered a consummate surgeon and gentleman who was held in the highest regard by the community, his students and colleagues.

Dr. B. Noland Carter (1946-1952), the third Christian R. Holmes Professor of Surgery and Chair, was renowned for his research of tissue injury and burns. He developed partnerships with the military and industry investigating newer antibiotics. During Carter's tenure, the isotope laboratory was formed to study and treat neoplasm. Dr. Charles Barrett, forefather of the Barrett Cancer Center, was recruited to lead this effort. Radioisotope and tracer studies for diagnosis were pioneered here. A vascular lab was established and the Department made great progress in cardiothoracic surgery including cardioangiography and the first perfusion carried out. Investigations were also established for lung cancer. In the early 1950's, UC Department of Surgery was well established as one of the premier centers for study of coronary circulation and artificial circulation. One of the most notable achievements came in 1951, when Dr. James Helmsworth of the UC Department of Surgery joined cardiologist Dr. Samuel Kaplan and chemist Dr. Leland Clark to develop the world's first functional heart-lung machine, located at Cincinnati Children's Hospital Medical Center.



George J. Heuer, 1922-1931



Mont R. Reid, 1931-1943



Max M. Zinninger, 1943-1946



B. Noland Carter, 1946-1952

Dr. William A. Altemeier (1952-1978), the fourth Christian R. Holmes Professor of Surgery and Chair, further expanded the Department with a focus on microbiology and intra-abdominal infections, establishing the Department as a pioneering center for surgical infectious disease. The perineal repair for rectal prolapse is named for Dr. Altemeier, and he was the first to describe cancer of the proximal (hilar) bile ducts, an entity subsequently recognized and named after Klatskin. Dr. Altemeier oversaw the building of the first surgical research facility and the Shriners Burns Hospital, one of three in the nation. The pediatric surgery residency training program was founded at Children's Hospital in the late 1950's by Dr. Lester Martin, who raised pediatric surgery to new levels and trained numerous pediatric surgeons who have become leaders in the field. Dr. Martin also pioneered and perfected the surgical technique known as the "pull-through" procedure for ulcerative colitis. Significant developments in thyroid surgery and hand surgery were pioneered by Dr. Vinton "Hoppy" Siler, who was also a great benefactor of the Department. In the mid-1960s, Dr. J. Wesley Alexander led UC's transplant and immunology program, training many transplant fellows and conducting significant research funded for decades by the National Institutes of Health. Dr. Henry Neale, a UC medical school graduate, returned to Cincinnati in 1974 following a fellowship at Duke University and founded the plastic surgery residency program which has attracted and graduated plastic surgeons who are considered among the very best in the country.



William A. Altemeier, 1952-1978

Dr. Josef E. Fischer (1978-2001), the fifth Christian R. Holmes Professor of Surgery and Chair, was responsible for significant expansion of full-time faculty in the early 1980's, initiating or strengthening subspecialty areas including vascular, trauma and critical care, transplant, burn, plastic surgery and urology. Dr. Fischer was instrumental in transforming the former Cincinnati General Hospital from a city-county hospital into University Hospital, a tertiary medical center and the flagship of The Health Alliance. The urology residency program again had its center at the University of Cincinnati Medical Center and has since enjoyed great success and growth, as has the oral and maxillofacial surgery residency program. Physical growth was also seen with the building of the Barrett Cancer Center, a critical care tower and new operating rooms.



Josef E. Fischer, 1978-2001

Dr. Jeffrey B. Matthews (2001-2006), the sixth Christian R. Holmes Professor and Chair, oversaw growth of full-time faculty members. Emphasis was placed on robotic-assisted surgery, telemedicine and technology. The Department was recognized nationally for its academic and training achievements and leadership in American surgery, and continued to be celebrated locally as a specialist resource for the community and a partner in an integrated health care network. Dr. Matthews' emphasis was on multidisciplinary clinical and research programs that cut across traditional department lines. Partnerships were developed with the University of Cincinnati, local industry, and the military to develop emerging technologies for improved patient care. The Center for Surgical Innovation was opened in 2006 to advance research and training in robotics, telemedicine, and telesurgery. Dr. Matthews accepted the position as Chairman of Surgery at the University of Chicago in October 2006.



Jeffrey B. Matthews, 2001-2006

Dr. Michael S. Nussbaum (2006-2008), Professor of Surgery and Interim Chair, was Chief of Staff at the University Hospital and served as Vice Chair for Clinical Affairs in the Department of Surgery. He joined the UC faculty in 1986 when he completed his surgical residency training in the UC Department of Surgery. Dr. Nussbaum was part of the original team that developed the plans for what became the Center for Surgical Innovation. His longstanding commitment to excellence in patient care continued to advance the Department's mission of fostering education, research, and innovations for treating surgical patients. Dr. Nussbaum became the first Chair of Surgery at the University of Florida in Jacksonville in 2008, and later Professor and Chair of Surgery at Virginia Tech Carilion School of Medicine in Roanoke, Virginia.



Michael S. Nussbaum, 2006-2008

Dr. Michael J. Edwards (2008-2019), the seventh Christian R. Holmes Professor and Chair, was an oncologic surgeon who specialized in treating breast disease. Dr. Edwards nurtured the development of the UC Institute for Military Medicine, an internationally renowned program advancing the care of the acutely injured soldier and civilian. He brought a principled approach to the Department with a profound commitment to teaching the discipline of surgery through the highest quality patient care. Dr. Edwards provided critical leadership for the successful unification of the UC College of Medicine practice plan and its integration into UC Health in 2011. He stepped down in January 2019 to focus on the international sphingolipid research program that he has built in conjunction with the department's research team and international collaborators.



Michael J. Edwards, 2008-2019

Dr. Jeffrey J. Sussman (2019-2023), the eighth Christian R. Holmes Professor of Surgery and Interim Chair, is a surgical oncologist who completed tumor immunology research at the National Institutes of Health and fellowships in surgical critical care and surgical oncology research at the University of Michigan and in surgical oncology at the M.D. Anderson Cancer Center. He has been a UC faculty member since 1997 and served as chief of the department's Section of Surgical Oncology from 2007-2015. Dr. Sussman serves as vice chair for education, program director of the General Surgery Residency, and director of the Skin Cancer and Sarcoma Program at the UC Cancer Institute. Dr. Sussman is active in clinical research, having served as principal investigator for many laboratory and clinical trials exploring how the human immune response can be altered to improve cancer therapy. He has published numerous articles focused on advancing treatments and understanding of melanoma and other solid tumors. His clinical practice focuses on melanoma, sarcoma, gastrointestinal neoplasms, peritoneal surface and hepatobiliary/pancreas malignancies.



Jeffrey J. Sussman, 2019-2023

Dr. David A. Gerber (2023-present), the ninth Christian R. Holmes Professor of Surgery and Chair, is a transplant surgeon who specializes in solid organ transplantation and liver cancer. His research focuses on cell biology and tissue engineering in the field of regenerative medicine and on the relationship of the matrix/environment that supports the growth and differentiation of select stem cell populations into functional tissues. He has served on the Department of Health and Human Services' (HHS) Advisory Committee on Transplantation and on the boards of the United Network for Organ Sharing and the national Organ Procurement Transplant Network (OPTN). He also serves as the chief medical officer of Biomed Organ Bank, LLC, a company focused on developing ex vivo organ preservation technologies. The recipient of more than 25 basic science grants, Gerber has been principal investigator or co-investigator of over 40 industry-sponsored clinical trials focusing on advancing patient outcomes in transplantation and hepatocellular carcinoma. He has published more than 200 publications, abstracts and book chapters in the areas of transplantation, stem cell biology, regenerative medicine and liver cancer.



David A. Gerber, 2023-present



Jeffrey J. Sussman, MD

Professor of Surgery
 Director, Division of Education
 Director, Residency Program
 in General Surgery

The Office of
Education

Jeffrey J. Sussman, MD – Director, Division of Education; Director, Residency Program in General Surgery. Dr. Sussman oversees outstanding leadership and innovation by the associate directors and staff in their stewardship of our surgical education program.

Amy T. Makley, MD – Associate Director, Residency Program in General Surgery. Dr. Makley has been responsible for the curriculum and evaluative process and has brought considerable expertise in assessment and professional development of the surgical residents. She is also in charge of the Fundamentals of Laparoscopic Surgery (FLS) and Fundamentals of Endoscopic Surgery (FES) programs.

Michael D. Goodman, MD – Associate Director, Residency Program in General Surgery. Dr. Goodman is administrative lead for our global surgery program and all rotation scheduling. He also serves as Vice Chair of General Surgery Research.

Krishna P. Athota, MD – Associate Director, Residency Program in General Surgery. Dr. Athota has won three consecutive Department of Surgery Outstanding Educator Awards as voted by general surgery residents, as well as the Silver Apple Award from the UC medical students. He leads the incoming surgical intern boot-camp program and surgical skills curriculum.

Latifa Sage Silski, MD – Director, Surgery Student Education. Dr. Silski brings her passion and energy for surgical education to the Surgery Student program and serves as a role model and mentor.

Jennifer S. Colvin, MD – Associate Director, Surgery Student Education. Dr. Colvin brings a strong dedication to teaching medical students and serves as a role model and mentor. She has previously served as a LPCC preceptor at UCCOM.

Carla F. Justiniano, MD – Associate Director, Surgery Student Education. Dr. Justiniano has a strong interest in teaching medical students and serves as a role model and mentor.

Aaron M. Delman, MD – Robert H. Bower Administrative Chief Resident.



Amy T. Makley, MD

Associate Professor of Surgery
Division of General Surgery
Associate Director, Residency
Program in General Surgery
Director, UCMC Trauma Surgery



Michael D. Goodman, MD

Professor of Surgery
Division of General Surgery
Associate Director, Residency
Program in General Surgery
Vice Chair, General Surgery Research



Krishna P. Athota, MD

Associate Professor of Surgery
Division of General Surgery
Program Director, Fellowship in
Critical Care Surgery
Associate Director, Residency
Program in General Surgery



Latifa Sage Silski, MD

Associate Professor of Surgery
Division of Transplantation
Director, Surgical Student
Education



Jennifer S. Colvin, MD

Assistant Professor of Surgery
Division of General Surgery
Associate Director, Surgery
Student Education



Carla F. Justiniano, MD

Assistant Professor of Surgery
Division of Colon & Rectal Surgery
Associate Director, Surgery
Student Education



Aaron M. Delman, MD

Robert H. Bower
Administrative Chief Resident



Administrative Team

Jenna M. Lengerich, MHA, Residency
Coordinator and Manager, Office of
Education

Gilda Young, Residency Coordinator
Emeritus and Special Project Manager

Debbie Browne, Assistant Residency
Coordinator

Elizabeth Loechle, Administrative
Assistant

Nikki Norman, Surgery Medical Student
Coordinator

Steve Wiesner, Electronic Publishing
Coordinator



The Education team has made many significant accomplishments including:

- Expansion of virtual simulation practice opportunities with inanimate and animate models to improve surgical skills prior to entering an operating room. These opportunities exist through virtual reality simulation equipment housed in the Woliver Laboratory for Simulation and Education in Surgery and a fully equipped operating room in the Center for Surgical Innovation.
- Expanded Robotic training and curriculum.
- Continued improvement in teaching conferences and wellness events with virtual and hybrid modifications due to the pandemic.
- Website and recruitment process improvements.
- Expanded new Peer to Peer mentoring and conference programs.
- Expansion of social media presence.
- New APP Critical Care Fellowship.

Surgical Education Overview

Education in the Department of Surgery includes medical student clinical clerkships and electives, graduate medical education resident and fellowship programs, basic scientist training, and continuing medical education seminars and classes. At our most recent review, the General Surgery Residency program received full accreditation from the Residency Review Committee of the ACGME. Our surgical clerkship has become a model of innovation for clinical education and has led to a marked increase in the number of medical students at the University of Cincinnati choosing surgery as their career path. Over the past four decades, surgical faculty and residents have held a majority share of best teaching and Gold Humanism awards as voted by the UC medical students.

The Surgical Education Program continues to attract and train the best and brightest medical students and residents from around the country.

Residents who graduate from our programs have an outstanding record matching highly competitive fellowships and have been successful in securing positions in academic departments and as leaders in the community practice of surgery.

The Edward Woliver Laboratory for Simulation and Education in Surgery includes an array of simulation equipment designed to allow surgical residents to practice new skills in a safe, non-pressured environment outside the operating room. The lab has both low- and high-tech simulation equipment, including simple models to simulate suturing vessels to robotics. It also includes sophisticated devices that incorporate haptics (sense of touch) and track a surgeon's performance during the training session. The lab serves as a regional testing site for the Fundamentals of Laparoscopic Surgery (FLS) course, an education and skills training module which is the ABS requirement for the evaluation of basic skills and knowledge for laparoscopy. The lab is also outfitted to provide needed equipment for the Fundamentals of Endoscopic Surgery (FES) course curriculum teaching diagnostic and therapeutic upper and lower GI endoscopy. UC serves as a testing site for FES to the greater Cincinnati region.

Graduate Medical Education

The Department of Surgery sponsors graduate medical education programs in 11 surgical specialties which encompass 90 residents and fellows. The following lists these resident and fellowship programs for 2024-2025:

Resident Programs (73):

- General Surgery (43)
- Oral and Maxillofacial Surgery (13)
- Plastic, Reconstructive and Hand Surgery (6)
- Thoracic Surgery (6)
- Vascular Surgery (5)

Fellowship and Advanced Training Programs (17):

- Congenital Cardiac Surgery Fellowship Program (1)
- Pediatric Surgery (2)
- Pediatric Surgery Subspecialty (6)
- Plastic, Reconstructive and Hand Surgery (3)
- Surgical Critical Care (2)
- Transplant Surgery (3)

The educational programs are guided by a group of dedicated surgeon educators who have helped to develop an educational environment that attracts many of the best candidates in the country. The combination of talented, committed specialty program directors and faculty and excellent residents and fellows results in an educational program that is second to none.

The Department of Surgery has a distinguished history of educating its graduates to be leaders in surgery. Our commitment to excellence in patient care, education and advancement of knowledge in the surgical sciences creates an environment in which surgical training can flourish. Residents complete their training programs with exceptional breadth and depth of experience in their specialty.

There is an abundance and variety of clinical experiences in the hospitals and outpatient offices of our integrated and affiliated institutions which include:

- University of Cincinnati Medical Center
- Cincinnati Veterans Affairs Medical Center
- Cincinnati Children's Hospital Medical Center
- West Chester Hospital
- The Christ Hospital
- Holzer Clinic, Gallipolis, Ohio
- Mzuzu Central Hospital, Malawi, Africa

Clinical experience is supplemented by an extensive series of educational conferences and surgical simulation experience. At the core of the educational program are Surgical Grand Rounds, Morbidity and Mortality Conference, Curriculum Conferences, mock oral examinations, and skills labs. These weekly conferences are supplemented by numerous specialty- or rotation-specific conferences.

Surgical Simulation Experiences:

- Advanced Laparoscopy
- Advanced Operative Skills
- Advanced Surgical Skills for Exposure in Trauma (ASSET)
- Robotics Training
- Basic Laparoscopy
- Fundamentals of Endoscopic Surgery (FES – GI Mentor)
- Fundamentals of Laparoscopic Surgery (FLS)
- GI Anastomosis
- Vascular Anastomosis
- Solid Organ Transplant
- Introduction to General Surgery (R1 Boot Camp)
- Laparoscopic Colectomy
- Laparoscopic Hernia
- Surgical Stapling
- Trauma Surgery Simulation
- Advanced Trauma Life Support Training

Complementing the clinical training are outstanding opportunities to participate in basic science research in the Department of Surgery, other basic science laboratories within the College of Medicine or extramural institutions. Most residents spend two years in laboratory research with a faculty mentor. Opportunities are available to pursue advanced degrees such as MS, PhD or Doctor of Science. These research projects are supported by an institutional training grant (T32 award) in trauma and several R01 research grants from the National Institutes of Health (NIH) and the U.S. Department of Defense (DoD).





2023-2024 Visiting Professor Program

The Visiting Professor Program of the Department of Surgery is extremely important for the education of both the faculty and the residents. It gives the residents a first-hand opportunity to meet distinguished leaders in American surgery, participate in teaching rounds with them, and get to know them as individuals. In addition, the Visiting Professor gives presentations at Surgical Grand Rounds to faculty, residents and medical students.

During the academic year 2023-2024, we had the privilege of hosting nine Visiting Professors and continued to offer virtual Grand Rounds:

January 24, 2024

Sixteenth Annual Heekin Family Lectureship

Pierre-Alain Clavien, MD, PhD, FACS (Hon), ASA (hon), FRCS (Eng), FRCS Ed

Professor of Surgery and Transplantation, University of Zurich, Switzerland

Co-Director of the "Liver4Life" group at the Wyss Institute in Zurich, Switzerland

Surgical Grand Rounds: "Quality and Outcome in Surgery: What Does It Mean? What Should Be Measured and Reported?"

March 7-8, 2024

Visiting Professor hosted by Division of Surgical Oncology & Affiliate Division of Pediatric Surgery

Vikas Dudeja, MD

Professor of Surgery & James P. Hayes, Jr., Endowed Professor in Gastrointestinal Oncology

Director, Division of Surgical Oncology

University of Alabama at Birmingham, AL

Lecture, Surgical Amphitheater: "Harnessing the Power Within: Energizing Anti-Cancer Immune Response to Combat GI Cancers"

Lecture, CCHMC: "Novel Therapies for the Treatment of Pancreatitis – Bench to Bedside"

March 20, 2024

Ninth Annual John B. Flege, Jr. Visiting Professor

Hosted by the Division of Cardiothoracic Surgery

Yolonda L. Colson, MD, PhD

President, American Association for Thoracic Surgery

Hermes C. Grillo Professor of Surgery, Harvard Medical School

Chief, Division of Thoracic Surgery, Massachusetts General Hospital

Boston, MA

Surgical Grand Rounds: "The Opportunities Hiding in the OR"

March 27, 2024

Twenty-Fourth J. Rawson Collins Visiting Professor

Nicole Fox, MD, MPH, FACS

Associate Professor of Surgery

Associate Chief Medical Officer

Medical Director of Pediatric Trauma

Cooper University Health Care, Camden, NJ

Surgical Grand Rounds: "From the Trauma Bay to the Boardroom: Surgeons as Health System Leaders"

April 24, 2024

First Popplewell Family Visiting Professor

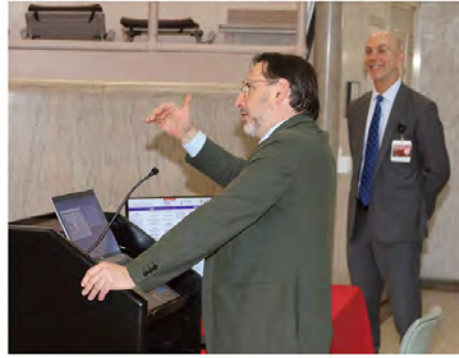
Satish N. Nadig, MD, PhD

Edward G. Elcock Professor & Chief of the Division of Transplant Surgery

Director, Comprehensive Transplant Center Director, Abdominal Organ Transplant Program Northwestern University Health System

Feinberg School of Medicine, Chicago, IL

Surgical Grand Rounds: "The Surgical Entrepreneur: Innovative Career Pathways for the Modern Academic Surgeon"



May 15, 2024

Visiting Professor

Hosted by Division of Oral & Maxillofacial Surgery

Steven M. Roser, DMD, MD, FACS, FRCSEd

DeLos Hill Professor of Oral and Maxillofacial Surgery

Residency Program Director, Division of Oral and Maxillofacial Surgery

Emory University School of Medicine

Atlanta, GA

Surgical Grand Rounds: "Global Surgery: Unveiling the Urgency, Empowering the Future"

May 22, 2024

Fifth Annual Robert P. Hummel, MD Visiting Professor

Dorry L. Segev, MD, PhD, FACS

Tenured Professor of Surgery and Population Health
New York University Grossman School of Medicine

Vice Chair, Department of Surgery, NYU Langone Health

Director, NYU Center for Surgical and Transplant Applied Research

New York, NY

Surgical Grand Rounds: "From Resident to Researcher: Major Scientific Impacts by Surgical Residents"

June 5, 2024

Society of Asian Academic Surgeons (SAAS) Visiting Professor

Hosted by University of Cincinnati College of Medicine, UC Medical Center & Cincinnati Children's Hospital Medical Center

Oliver S. Eng, MD, FACS, FSSO

Associate Professor of Surgery

Associate Director, Peritoneal Surface Malignancy Program and Surgical Oncology Fellowship

Vice Chair, Protocol Review and Monitoring Committee, Chao Family Comprehensive Cancer Center, University of California, Irvine, CA

Surgical Grand Rounds: "Colorectal Peritoneal Metastases: Nihilism, Realism...Optimism?"

June 12, 2024

Third Annual Boyce Family Visiting Professor

Hosted by Section of Surgical Oncology

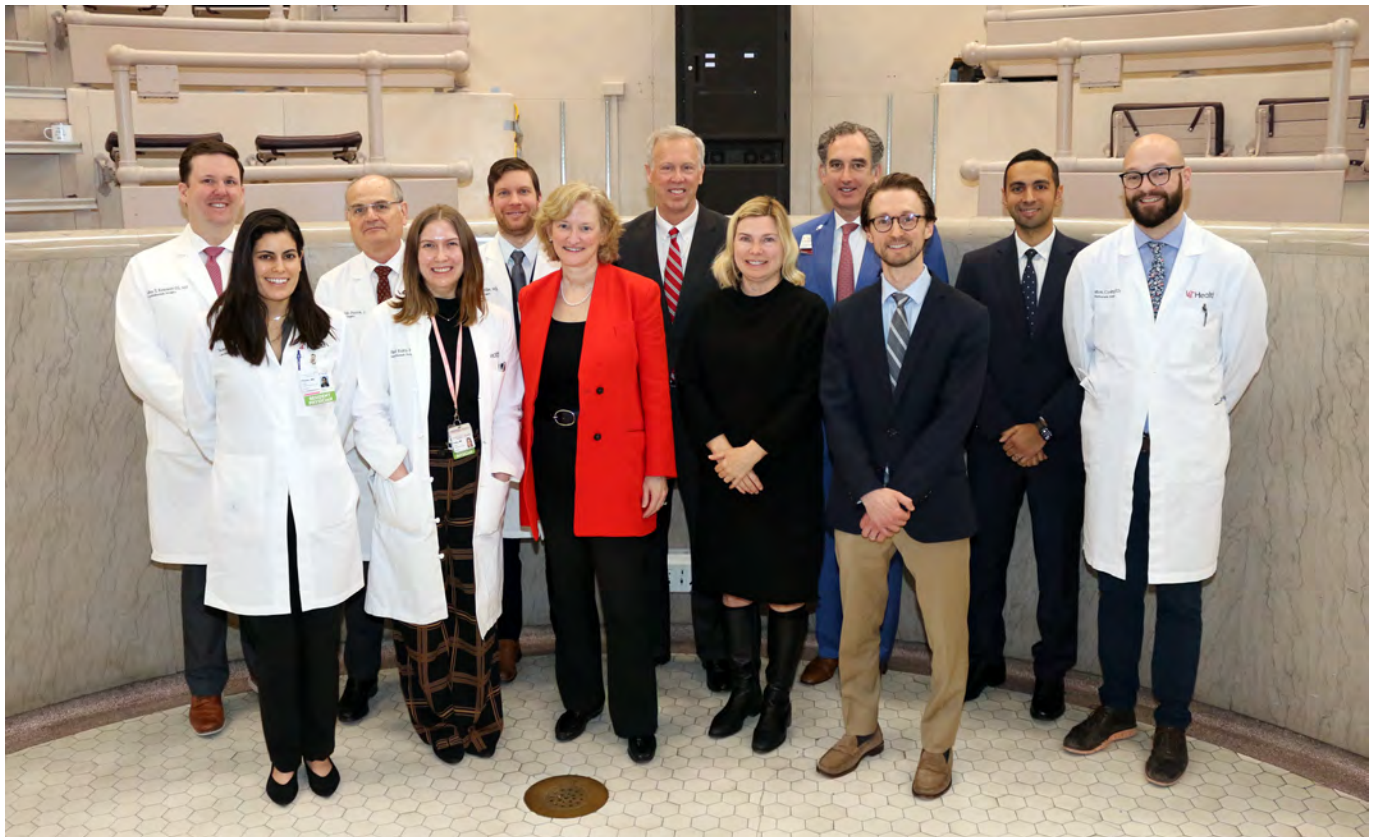
Peter J. Allen, MD

David C. Sabiston, Jr. Distinguished Professor of Surgery & Chief, Division of Surgical Oncology

Vice President, Cancer Services

Duke University School of Medicine, Durham, NC

Surgical Grand Rounds: "Randomized Surgical Trials: Are They Worth It?"



Residency Program in General Surgery

Jeffrey J. Sussman, MD, Program Director

Vice Chair, Education
Professor of Surgery
Division of Surgical Oncology
Director, Division of Education

Amy T. Makley, MD, Associate Director

Associate Professor of Surgery
Division of General Surgery

Michael D. Goodman, MD, Associate Director

Professor of Surgery
Division of General Surgery

Krishna P. Athota, MD, Associate Director

Associate Professor of Surgery
Division of General Surgery
Program Director, Fellowship in Critical Care Surgery

Jenna M. Lengerich, MHA, Office Manager & Residency Program Coordinator

513-558-4206
lengerja@ucmail.uc.edu

Debbie Browne, Assistant Residency Coordinator

513-558-5862
brownedm@ucmail.uc.edu
Department of Surgery
University of Cincinnati College of Medicine
231 Albert Sabin Way (ML0558)
Cincinnati, OH 45267-0558

Residency education in General Surgery comprises five clinical years, with typically six Chief Residents finishing the program annually. A laboratory/professional development experience of two years is completed by the majority of the residents with a wide range of experiences being available individualized to the residents' career goals. The residency program in General Surgery is fully accredited by the Residency Review Committee for Surgery.



In the first and second postgraduate years, residents receive a broad experience in the essential content areas as well as in surgical specialties. Experience is gained in both inpatient and outpatient care, with appropriate emphasis on evaluation and diagnosis as well as operative therapy and perioperative care. This experience is obtained in a variety of settings including the general surgery services in community hospitals and the academic health center, intensive care units, and the Cincinnati Children's Hospital.

During the third and fourth clinical years, the resident is given additional responsibility as a leader on surgical teams including the trauma service, thoracic surgery, vascular surgery and transplantation surgery. Additional experience is also gained as senior resident in general surgery at the Holzer Clinic, Gallipolis, Ohio. Residents may also choose to do a global health surgery elective in Malawi, Africa.

In the fifth year, Chief Residents lead general surgery teams with faculty supervision at University of Cincinnati Medical Center, general and colorectal surgery services at The Christ Hospital, and the general surgery teams at the VAMC and West Chester Hospital. University of Cincinnati Medical Center provides extensive experience in gastrointestinal disease, hepatobiliary disease, pancreatic disease, colorectal surgery and surgical oncology. Residents at The Christ Hospital are exposed to a wide variety of surgical pathology and have the opportunity to learn about the private practice of surgery. The surgical services at the VAMC and West Chester Hospital care for general, colorectal and thoracic surgery patients.





General Surgery Residents 2023-2024

Graduating Chief Residents:

Eileen C. Donovan, MD – University of Cincinnati – Entered Surgical Oncology Fellowship at Moffitt Cancer Center, Tampa, FL

Michael E. Johnston, MD – Indiana University – Entered Trauma/Critical Care Fellowship at University of Texas Southwestern, Dallas, TX

Christen E. Salyer, MD – Indiana University – Entered Trauma/Critical Care Fellowship at Indiana University, Indianapolis, IN

Kathleen E. Singer, MD – University of Massachusetts – Entered Trauma/Critical Care Fellowship at Massachusetts General Hospital, Boston, MA

Karthik Thangappan, MD – Thomas Jefferson University – Entered Vascular Surgery Fellowship at Brigham and Women’s Hospital, Boston, MA

S. Whitney Zingg, MD – University of Tennessee – Entered Transplant Surgery Fellowship at University of Cincinnati, Cincinnati, OH

General Surgery Residents 2024-2025

First Year:

Brooke T. Beanland, MD – University of Texas at Houston

Julia M. Bosco, MD – Medical College of Wisconsin

Caden M. Fritson, MD – University of Nebraska

Lauren C. Haley, MD, MBA – University of Texas at Houston

Jacob R. Knowlton, MD – Michigan State University

Karan R. Mehta, DO – Midwestern University – Chicago

*preliminary

Alexander J. Teague, MD – Carle Illinois College of Medicine

Ali S. Yamani, MD – University of Cincinnati *preliminary

Second Year:

Jonathan T. Beyeler, MD – University of Mississippi

Colton G. Brown, MD – Medical College of Wisconsin

Emilie M. Buisson, MD – University of Cincinnati

Ryan P. Johnson, MD – University of Chicago

Megan A. Satyadi, MD – University of South Florida

Daniel R. Streetman, MD – Mercer University

Research:

Obieda “Obie” M. Atiyani, MD – University of Louisville

Ellen R. Becker, MD – Medical College of Wisconsin

Aron P. Bercz, MD – University of Cincinnati

Szu-Aun Long, MD – East Carolina University

Arti U. Machchhar, MD – University of Texas Southwestern

Allison N. Moore, MD – University of Colorado

Catherine G. Pratt, MD – University of Vermont

Marissa A. Ray, MD – Wayne State University

Darren C. Turner, MD – University of Miami

Gregory C. Wetmore, MD – State University of New York – Upstate

Third Year:

Michela M. Carter, MD – University of Cincinnati

Ryan C. Chae, MD – University of Cincinnati

Stephen J. Hartman, MD – University of California, San Diego

Kevin Kulshrestha, MD – University of Pennsylvania

Adam D. Price, MD – University of Cincinnati

Jenna N. Whitrock, MD – University of Missouri-Columbia

Fourth Year:

M. Ryan Baucom, MD – East Carolina University

Zishaan A. Farooqui, MD, PhD – University of Michigan

Paul H. McClelland, MD – Weill Cornell Medicine

Mordechai G. Sadowsky, MD – Wayne State University

Emily J. Schepers, MD – University of Missouri - Columbia

Stephanie Sisak, MD – Drexel University

Chief Year:

Allison M. Ammann, MD – Texas Tech University

Aaron M. Delman, MD – Wayne State University

Kevin M. Turner, MD – Loyola University

Dennis M. Vaysburg, MD – Temple University

Taylor E. Wallen, MD – Central Michigan University

Honors and Awards 2023-2024

Faculty:

[14 UC surgeons were included among *Cincy Magazine* Best Docs 2023, and 40 UC surgeons among *Cincinnati Magazine* Top Docs for 2024.]

Drs. Krishna Athota, Amy Makley, Jason Schragger, Sandra Starnes, and Christina Williams were ranked among the top 1% of clinicians in the nation for having the best patient satisfaction scores in FY2023 according to Press Ganey Patient Experience Scores.

Syed A. Ahmad, MD, received the 2024 Nobility in Science Award by the National Pancreas Foundation and was named the 2024 Patient Champion by the Pancreatic Cancer Action Network. Dr. Ahmad and Dr. Davendra Sohail were jointly awarded the 2024 Joslin Haggart Yeiser Unsung Hero Award from the Cancer Family Care.

Mr. Chris Blakeman is Principal Investigator of an Air Force Research Laboratory Award for more than \$500,000.

Mr. Richard Branson received a Distinguished Service Award at the 2023 Military Health System Research Symposium.

Dr. Madison Cuffy was honored as a Health Care Hero at the Dining with the Stars event hosted by the National Kidney Foundation. Dr. Cuffy also won the Outstanding Surgical Educator Award for 2023-2024 as voted on by the residents.

Dr. David Gerber is senior author of an article which was featured on *JAMA Network Open*.

Dr. Michael Goodman was named as the Dario Rodriquez, Jr, Endowed Chair in Trauma Surgery, effective July 1, 2023.

Dr. Andres Flores received a Collaborative Research Advancement Program Pilot Grant from the UC Office of Research.

Dr. Tammy Holm received the SAAS visiting professor award and will be delivering the Snehal Patel Family SAAS Lectureship at UPMC.

Dr. Chris Horn was awarded a military service scholarship at the 2024 Eastern Association for the Surgery of Trauma (EAST) Annual Scientific Assembly.

Dr. Deepak Krishnan received the Distinguished Service Award of 2023 from the International Association of Oral and Maxillofacial Surgeons.

Drs. Deepak Krishnan and Latitia Sage Silski were inducted into the Alpha Omega Alpha Honor Medical Society, Class of 2023.



Dr. Alex Lentsch is Principal Investigator of the National Institute of General Medical Sciences T32 grant "Host Response to Trauma Research Training Program" which was renewed for another 5-year period effective July 1, 2023. The grant has been continuously funded for 30 years [Dr. Lentsch assumed grant leadership in 2008].

Dr. Jonathan Merola received the American Society of Transplant Surgeons Foundation's 2024 Surgeon Scientist Scholarship for \$100,000.

Dr. Shimul Shah was Guest Editor of the February 2024 issue of *Surgical Clinics* devoted to Liver Transplantation and Transplant Oncology.

Dr. Valerie Sams accepted the Henry M. Jackson Foundation for the Advancement of Military Medicine's Hero of Military Medicine Ambassador Award on behalf of C-STARS Cincinnati, of which Dr. Sams is Director.

Dr. Sandra Starnes was elected director-at-large of the Society of Thoracic Surgeons. She was also inducted as an associate member of the American College of Surgeons Academy of Master Surgeon Educators.

Dr. Dorothy Supp is Principal Investigator of a nearly \$1.5 million Department of the Army Medical Research Acquisition Activity Award.

Dr. Jonathan Thompson was awarded the 2023 Fire Award, which recognizes Cincinnati startup companies. Dr. Thompson is founder and chief medical officer of Standard Bariatrics Inc., named Startup of the Year.

Dr. Robert Van Haren was appointed to the Editorial Board of the *Journal of Thoracic and Cardiovascular Surgery* as statistical editor.

Dr. Andrew Waters is Principal Investigator of a K22 Award grant from the National Cancer Institute for nearly \$600,000. He also received pilot funding award of \$50,000 from the UC Cancer Center and was awarded UC College of Medicine Faculty Development funds to attend the 2023 American Association for Cancer Research Pancreatic Cancer meeting in Boston.

Dr. E. Steve Woodle received the award for the 2024 *American Journal of Transplantation* Outstanding Article.

General Surgery Residents:

Dr. Allison Ammann was named the 2024-2025 GME Residency Advisory Committee Resident Representative.

Dr. Ryan Chae presented at the Central Surgical Association meeting in Louisville and won the 2024 Carol EH Scott-Connor Award for the Best Resident Presentation.

Dr. Aaron Delman (1) was inducted into the Alpha Omega Alpha Honor Medical Society, Class of 2023; **(2)** won the 2023-2024 Max Zininger Award; **(3)** was named the 2024-2025 Robert H. Bower Administrative Chief Resident.

Dr. Eileen Donovan won the 2023-2024 Josef E. Fischer Award.

Dr. Stephen Hartman received the 2023 American Association for the Study of Liver Diseases (AASLD) Foundation Abstract Award for Liver Transplant and/or Hepatobiliary Surgery.

Dr. Catherine Pratt was awarded a Steve Sotsky Award from the Americas Hepato-Pancreato-Biliary Association. This award recognizes outstanding work in the field of hepato-pancreato-biliary surgical research by a trainee.

Dr. Adam Price (1) won the Basic Science Award in the Resident Paper Competition at the 2024 Eastern Association for the Surgery of Trauma (EAST) Annual Scientific Assembly. Dr. Price also won second place in the National ACS Committee on Trauma paper competition after previously winning first place in the ACS Ohio and Region V Committee on Trauma competitions; **(2)** won the University of Cincinnati College of Medicine Optime Magistram (Best Teacher) Award in January 2024. Dr. Price was selected by the second-year medical student class as the professor or instructor who most encouraged intellectual demand, enthusiasm, and availability to their students in the M2 Renal-Gastrointestinal curriculum course; **(3)** was Winner of the Department of Surgery Resident Research Competition – Basic Science Section.



Dr. Kathleen Singer won the 2023-2024 Department of Surgery Best Teaching Resident Award, as voted by medical students during the third-year Surgery Clerkship.

Dr. Darren Turner was winner of the 2024 Arnold P. Gold Foundation's Humanism in Excellence Teaching Award.

Dr. Taylor Wallen (1) won the 2023-2024 James M. Hurst Trauma Resident of the Year Award; **(2)** was inducted into the Alpha Omega Alpha Honor Medical Society, Class of 2023.

Dr. Lindsey Wattlely won the resident research competition at the Ohio Chapter of ACS in Toledo on May 11th.

Dr. Jenna Whitrock was Winner of the Department of Surgery Resident Research Competition – Clinical Research Section.

Dr. Whitney Zingg won the Society of Laparoendoscopic Surgeons 2024 Resident Achievement Award.

Mont Reid Surgical Society

The Mont Reid Surgical Society of the University of Cincinnati, founded in 1950, is composed of graduates of the general surgery training program who are active in encouraging professional fellowship among the alumni to advance the art and science of surgery. The Society assists the current resident staff and the Department through funding, lectures, symposiums, publications, and other programs.



Global Surgery Rotation

Michael D. Goodman, MD, Co-Director

Professor of Surgery
Department of Surgery
University of Cincinnati College of Medicine
231 Albert Sabin Way (ML 0558) Cincinnati,
OH 45267-0558
513-558-5861

Charles Park, MD, Co-Director

Adjunct Assistant Professor of Surgery



The University of Cincinnati Global Surgery Program, which was initiated in 2014, offers an 8-week elective General Surgery Rotation at Mzuzu Central Hospital in Malawi, Africa.

Our program emphasizes a partnership with our host institution to ensure that we are able to provide and enhance much-needed surgical services consistently over time in exchange for an unparalleled educational experience in General Surgery. Residents at the 3rd and 4th year level participate on rounds, run outpatient clinics, and perform basic and complex general and pediatric surgery cases throughout their time at Mzuzu Central Hospital under the supervision of ABS-certified general surgeons.

In addition to the clinical services provided, University of Cincinnati faculty and residents actively participate in educational programs for the Malawian clinical officers and nursing students in every aspect of patient care.

Mzuzu Central Hospital is a district hospital and referral center in the northern region of Malawi, serving a catchment area of approximately 2.5 million people. Residents perform over 100 operations in a 2-month period of time, including a plethora of pediatric, gastrointestinal, urology, and head and neck cases.



Vision

To improve access to quality surgical care in Malawi.

Mission

- To enhance surgical care and capacity in Malawi by utilizing senior U.S. surgical residents and consultants to support the infrastructure in place at Mzuzu Central Hospital.
- To provide shared learning experiences and unparalleled educational opportunities in a resource-challenged environment.
- To inspire a transformative approach to global health.

Core Values

- Excellence in clinical services provided.
- Respect for colleagues and staff at all levels.
- Compassion for patients and their families.
- Advocacy for those who are dedicated to improving healthcare worldwide.





Residency Program in Oral and Maxillofacial Surgery

Deepak G. Krishnan, DDS, FACS, Program Director

Professor of Clinical Surgery
Chief, Division of Oral and Maxillofacial Surgery
Department of Surgery

Yvonne Hawkins, Program Coordinator

Division of Oral and Maxillofacial Surgery
University of Cincinnati College of Medicine
200 Albert Sabin Way (ML 0461)
Cincinnati, OH 45219
513-584-2586
Yvonne.Hawkins@uc.edu

The oral and maxillofacial surgery residency training program at the University of Cincinnati is considered one of the oldest training programs of its kind in the country and celebrated its centennial in 2013. The program, which received its most recent full five-year accreditation in February 2022, offers training in treatment for facial trauma, surgical reconstruction of skeletal deformities, pediatric oral and maxillofacial surgery, pathology of the oral and maxillofacial regions, facial aesthetic surgery, temporo-mandibular joint surgery, dento-alveolar surgery and ambulatory anesthesia.

The Division of Oral and Maxillofacial Surgery offers a four-year certificate program whose principal goal is the training of residents to practice the broad scope of oral and maxillofacial surgery and to become qualified and prepared to successfully pass the American Board of Oral Maxillofacial Surgery examination and obtain Diplomate status. Our resident OMSITE (Oral and Maxillofacial Surgery In-service Testing Examination) scores are consistently competitive with other programs nationwide.

The Division hosts specialists in oral and maxillofacial surgery, oral and maxillofacial prosthodontist, oral and maxillofacial pathology, oro-facial pain and TMD, and affiliates in craniofacial orthodontics through the Cincinnati Children's Hospital.

Oral and maxillofacial surgery provides patient care at UC Medical Center, Cincinnati Children's Hospital, Veteran's Affairs Medical Center, and West Chester Hospital, and draws patients from the entire tristate area and beyond.

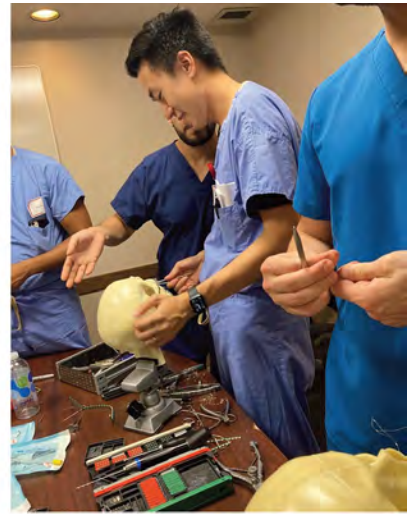


Oral and maxillofacial surgery bridges medicine and dentistry, and training requires exposure to general surgery, otolaryngology, plastic and reconstructive surgery, internal medicine and anesthesia, among other specialties. Some rotations such as anesthesia are extensive for six months with emphasis on pediatric anesthesia, while some rotations such as the cleft lip and palate surgery rotations in India are more peripheral and intended to expose the resident to this surgery, but not train to competency certification.

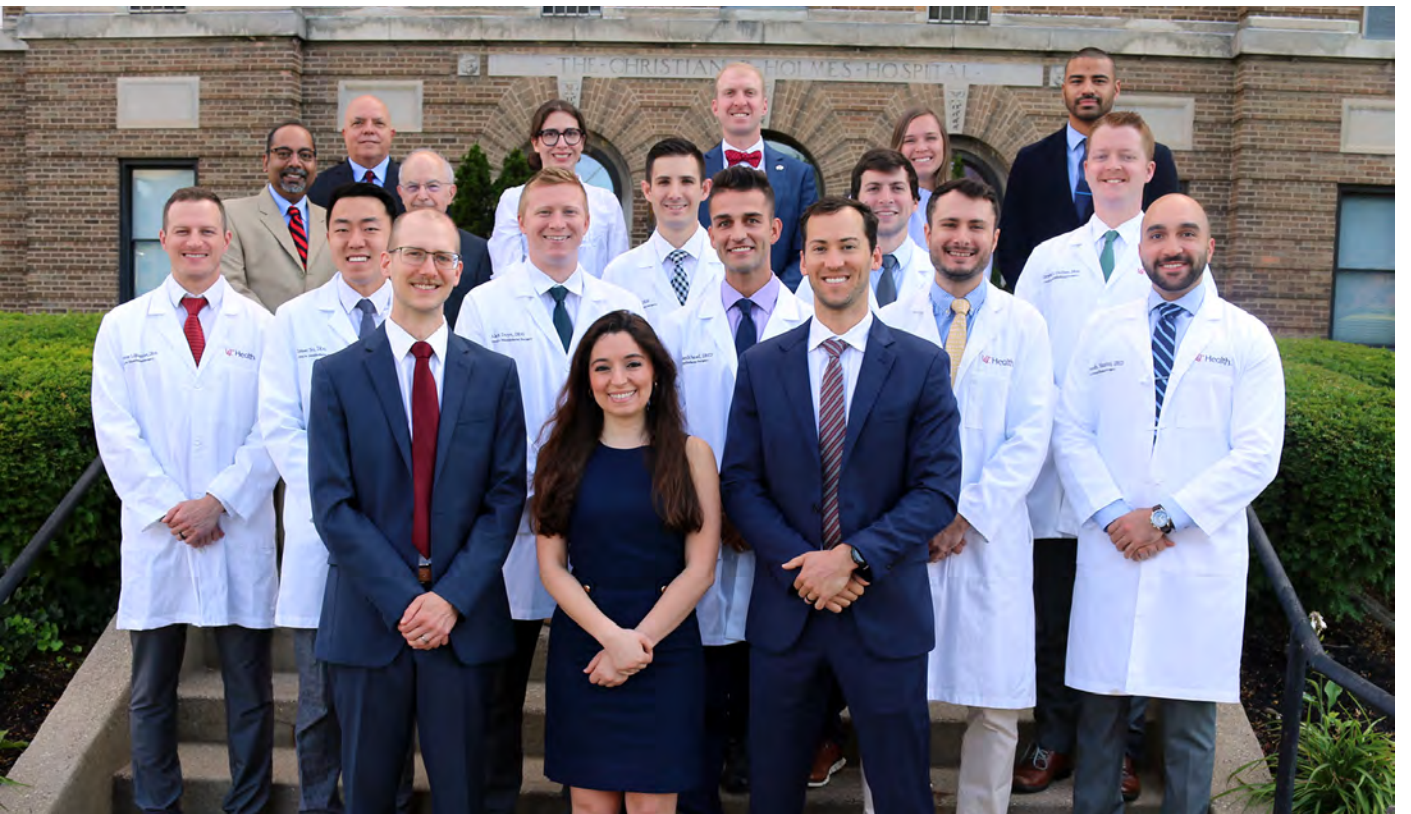
Residents are also encouraged to engage in an active clinical or bench research project that should culminate in presentation of an abstract at a national forum and publication of the findings in a peer reviewed journal. Oral and maxillofacial surgery residents and faculty have presented their research findings at the national meetings of the American Association of Oral and Maxillofacial Surgeons (AAOMS), the International Conference of Oral and Maxillofacial Surgeons (ICOMS), and other local and regional forums.

Currently, the Division is engaged in research pertaining to the cost burden of managing facial trauma to our community, 3D planning and printing for personalized maxillofacial surgery, long-term outcomes for patients receiving full mouth extractions, bicarbonate buffered lidocaine in the presence of odontogenic infections, dental implant effectiveness trials across a large oral surgery practice management organization, AI modeling for treatment regimen prediction for odontogenic infections, incidence of pediatric salivary tumors, weight loss in patients after orthognathic surgery, MRONJ incidence trend analysis, rates of recurrence of keratocystic odontogenic tumors after treatment with 5-fluoruracil, and complications associated with non-invasive positive airway pressure use.

Our residents and faculty serve on local, regional, national and international committees and influence policy making as it relates to training and education of oral and maxillofacial surgeons.



Intern boot camp held annually in July by the Division of Oral & Maxillofacial Surgery. First year residents from several OMS training programs in the region converge at UC and go through a simulated skills boot camp preparing them for practical tasks that will help them in their initial stages of training. This year marks the 10th intern boot camp that UC OMS has hosted.





Oral and Maxillofacial Surgery Residents 2024-2025

First Year:

James Beckner, DDS – University of Tennessee College of Dentistry

Kouder Dakhallah, DDS – University of Detroit Mercy School of Dentistry

Balraj Grewal, DDS – University at Buffalo School of Dental Medicine

Sarah Lynn, DDS – University of Minnesota School of Dentistry

Second Year:

Hunter Boone, DDS – University of North Carolina School of Dentistry

Grant Gullion, DDS – University of Iowa College of Dentistry

Zachary Stott, DDS – University of Washington School of Dentistry

Third Year:

Alexander Doye, DDS – Virginia Commonwealth University School of Dentistry

Trevor Liljenquist, DDS – Ohio State University College of Dentistry

Isaac So, DDS – University of Washington School of Dentistry

Fourth Year:

Alec Bankhead, DMD – East Carolina University School of Dentistry

Logan Herm, DDS – Marquette University School of Dentistry

Soroush Samimi, DMD – Tufts University School of Dental Medicine

Residency Program in Plastic, Reconstructive and Hand Surgery

Ann Schwentker, MD, Program Director

Professor of Surgery
Division of Pediatric Plastic and Craniofacial Surgery
Cincinnati Children's Hospital Medical Center

Kristen Merkhofer, Program Coordinator

Department of Surgery
Section of Plastic, Reconstructive and Hand/Burn Surgery
University of Cincinnati College of Medicine
231 Albert Sabin Way (ML0558)
Cincinnati, OH 45267-0558
513-558-4363
merkhokn@ucmail.uc.edu

The Division of Plastic Surgery faculty are committed surgeon educators who have developed an expanded educational environment to help fulfill their mission of providing the best training experience. With the wide variety and volume of clinical opportunities available at Cincinnati Children's Hospital Medical Center, UC Medical Center, UC West Chester Hospital, and in the surrounding community, the division provides excellent educational content for students and residents while delivering first-rate patient care and providing opportunities for collaborative efforts for both clinical and basic science research in plastic surgery.

Although each member of the division has unique areas of interest and expertise, our major strengths are our core values of teamwork, dedication to excellence, and ability to work as a cohesive group. The faculty surgeons are dedicated to providing an environment for training plastic surgeons within the entire spectrum of plastic surgery.

The division provides training in the integrated pathway in plastic surgery training as well as the independent pathway. The integrated program continues to evolve with more intensive plastic surgery and plastics-related rotations earlier in the training schedule for junior residents. The rotations, progression, knowledge, skill and responsibility vary according to the pathway and the individual; however, the ultimate level of proficiency and dedication to core values is the same for all residents. Two month-long content-based rotations during the senior years give the residents an in-depth exposure to the preoperative evaluation of new patients, surgical planning, care in the operating room, and both inpatient and outpatient postoperative care. Senior residents are on call an average of every 6th night.

The division has used the ACGME's Milestone program for the evaluation of residents, in combination with faculty evaluations, 360 evaluations, surgical skills evaluations, and review of case logs, research and professionalism by the Clinical Competency Committee. The residency programs have both received continued accreditation from the ACGME.



Conferences

- Wednesday 7:00-8:00 a.m. – Weekly Pre-op Conference
- Wednesday 8:00-9:00 a.m. – Weekly Grand Rounds or monthly M&M
- Wednesday 9:00-10:00am – Plastic Surgery Curriculum Conference with attending participation directed by Dr. Uzair Qazi, Associate Program Director. The full spectrum of plastic surgery is covered in a rotating three-year schedule.
- Thursday or Friday morning – In-Service Prep and Review
- Combined Ortho/Plastics conference 2nd and 4th Friday of month. Hand education is also organized in a rotating two-year schedule.
- Journal Club 6:00-8:00 p.m. – Last Thursday of each month, quarterly on Wednesday morning in place of Grand Rounds.
- Conference schedules are published at the beginning of the year to allow individuals to plan ahead.
- Residents read the selected articles, Plastic Surgery Education Network modules, and review old in-service questions pertinent to each topic prior to Curriculum, Hand, In-Service Prep, and Plastic Surgery Case Review conferences.
- For Pre-Op Conference, residents are expected to know pertinent clinical details about patients scheduled for operation on their rotation. Residents are asked questions about operative decision-making, alternate options for treatment, and other aspects of patient care.
- Presentation skills are a critical part of plastic surgery education. These skills are acquired by frequent practice. Additionally, the study of one particular topic of interest by reviewing the literature teaches how to research and effectively present new information. In accordance with these goals, the weekly grand rounds conference will consist of both resident and faculty presentations.
- Each plastic surgery resident is required to give a 30-minute formal Grand Rounds presentation. Senior residents present three times a year, while junior residents present two times per year.

- Plastic Surgery M & M conference occurs monthly at our Wednesday morning conference time. The General Surgery M & M case is determined by the faculty the week before, and is presented by the faculty member and resident involved in the M & M.
- Research conference occurs one Wednesday per quarter. During this conference, residents update the division on their research progress. Any abstracts or posters selected for presentation at national meetings will also be presented during this conference. This coordinates with regular Wednesday pre-op/Grand Rounds.
- The remaining conferences are faculty lectures on different topics and include full-time faculty, volunteer faculty, visiting professors, and non-plastic-surgeon faculty.

Cadaver Lab

Cadaver dissections are planned quarterly to supplement and reinforce topics covered in the didactic sessions.

Resident Cosmetic Clinic

The senior residents see patients presenting for the full spectrum of aesthetic concerns at the Holmes Hospital, staffed by Dr. Schwentker and Dr. Gobble. Those patients electing surgery are presented both pre- and post-operatively at Pre-Op Conference so that the entire group can learn and continuity of care is preserved.

Injectables

Residents gain experience with safe use of cosmetic injectables evaluating patients in the resident cosmetic clinic at Holmes Hospital, with injections performed in clinic at the MAB and during quarterly conferences staffed by Dr. Schwentker at the Children's Hospital.

Micro Lab

Microscopic laboratory sessions are planned at least quarterly to allow hands-on experience with microsurgical techniques utilizing in vivo and in vitro models. There is now a fully functional operating microscope in the conference room for dry lab practice.

Research, Publications, and Travel

Scholarly activity of both attendings and residents is an important component of our division. Each attending and resident share some responsibility for their own education and to contribute to the betterment of the specialty. Engagement in research activity is mandatory and will be considered for promotion and ultimate completion of the residency.

Residents in every year are expected to make significant progress in a selected research project each academic year. Residents in the senior years are expected to submit an abstract for presentation and/or a paper to a peer-reviewed journal each academic year.

With prior planning, reasonable expenses for resident travel to meetings will be paid if the resident is presenting at the meeting. All residents are required to submit an abstract to the Ohio Valley Society of Plastic and Reconstructive Surgeons every year.

Residents submit biannual written research reports which are reviewed by Dr. Schwentker to help ensure projects are appropriate and progressing. Research is presented during Grand Rounds twice a year. All residents participate in an annual Q-I project under the direction of Dr. Schwentker.

Clinical Support

Physician assistants and/or nurse practitioners at all locations are an integral part of the health care team, helping to decrease service obligations and maximize education.

Residents as Teachers

The residents supervise and instruct junior learners in graduated and progressive fashion which allows our residents to consolidate valuable teaching skills. The division educates UC and visiting medical students as well as rotating residents from ENT, OMFS, Orthopedics, Ophthalmology, Podiatry, Urology, and outside programs. We have instituted a Junior Resident Skills Checklist to track knowledge and skills acquired during the plastic surgery rotation. This serves as a useful metric to the home program and determines when junior residents are able to perform consults and minor procedures without direct supervision.

Recruitment

Both residency programs are highly competitive and have been successful in matching well-qualified applicants. The program is known for the breadth of education and the close working relationships among residents and between staff and residents.

Placement

The residents have been successful in matching into top plastic surgery fellowships in hand, microsurgery, and craniofacial surgery over the past 10 years. Residents entering practice directly have been highly sought after and have successfully found positions throughout the United States.



Plastic, Reconstructive and Hand Surgery Residents 2024-2025

Independent Program:

PGY-6: **Anniki Witter, MD**
Medical Degree: University of the West Indies
General Surgery Residency: University of Miami

PGY-7: **Justin Puthoff, MD**
Medical Degree: University of South Carolina
General Surgery Residency: University of Oklahoma - Tulsa

PGY-8 (Chief): **Henry Huson, MD**
Medical Degree: Florida State University
General Surgery Residency: Louisiana State University

Integrated Program:

PGY-1: **Kiersten Woodyard De Brito, MD** – University of Cincinnati

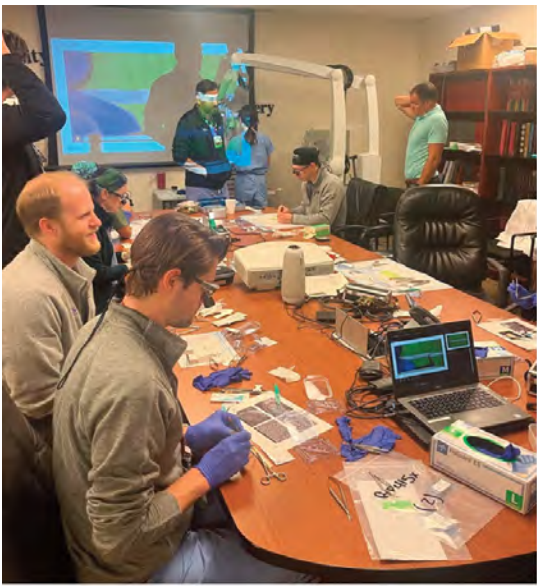
PGY-2: **Nathan Lawera, MD** – University of Cincinnati

PGY-3: **Kelly Spiller, MD** – Wright State University

PGY-4: **Sydni Meunier, MD** – Loyola University - Chicago Stritch School of Medicine

PGY-5: **Nathaniel Roberson, MD** – University of Cincinnati

PGY-6 (Chief): **Maleeh Effendi, MD** – Texas Tech University





Pediatric Surgery Fellowship

Aaron P. Garrison, MD, Program Director

Associate Professor of Surgery
Division of Pediatric General and Thoracic Surgery
Cincinnati Children's Hospital Medical Center

Gregory M. Tiao, MD, Associate Program Director

Professor of Surgery
Division Director, Pediatric General and Thoracic Surgery
Cincinnati
Children's Hospital Medical Center

Meghan Wiesner, Program Coordinator

Pediatric General and Thoracic Surgery
Cincinnati Children's Hospital Medical Center
3333 Burnet Avenue, MLC 2023
Cincinnati, OH 45229
513-803-9226
meghan.wiesner@cchmc.org

The Division of Pediatric Surgery offers a two-year Residency (Fellowship) in Pediatric Surgery. One new resident is chosen each year through the National Resident Matching Program. To date, over 50 Pediatric Surgery Residents have been trained in the division. The Pediatric Surgery Residency at Cincinnati Children's Hospital is one of the more renowned programs in the United States. The program matches one resident each year for a two-year position after completion of a General Surgery Chief Residency.

During the training period, the resident assumes graded responsibility and is exposed to the entire spectrum of pediatric surgery, including trauma, neonatal surgery, transplantation, bariatric surgery, extracorporeal membrane oxygenation, fetal intervention, and advanced anorectal reconstruction.

The Division of Pediatric Surgery includes 23 full-time pediatric surgeons, 4 PhD researchers, 28 advanced practice providers, general surgery residents from three different programs in Cincinnati, and medical students.

The operating room is one of the busiest in the country with over 35,000 cases performed annually. The emergency department evaluates over 100,000 patients each year. Each resident completes approximately 1,100 – 1,300 pediatric surgery cases during their residency. In addition to training the categorical pediatric surgery fellows (residents), the division offers training experiences in Trauma/Surgical Critical Care, Fetal Surgery, Colorectal Surgery, Intestinal Rehabilitation and Vascular Malformations/Oncology within the construct called the Subspecialty Fellowship program.

Additionally, there are opportunities to perform basic science research in bench work labs led by clinician scientists (Helmrath, Peiro, Bondoc, Merola, Galganski and Tiao) and PhD researchers (Timchenko and Shin). We recently have begun a Global Health/Outcomes focused research fellowship led by Dr. Meera Kotagal.

Within our Subspecialty Fellowship Program, there is the option to obtain a Master's Degree from the University of Cincinnati. This option, if approved by the program education committee, would coincide with the clinical fellowship and is supported by the division. This option requires a two-year commitment which would include clinical and Master's Degree work.

The Master's degree programs that we offer are:

- Master of Science in Clinical Research, including two optional focus areas:
 1. Clinical Epidemiology/Clinical Effectiveness
 2. Clinical Trials
- Master of Education for Physicians and Other Health Care Professionals
- Master of Public Health

We also offer a one-year experience for an International Fellow as well as a one- or two-year training experience in Extracorporeal Membrane Oxygenation (ECMO).

Conferences

Morbidity/Mortality (weekly)
Tumor Board (weekly)
Pediatric Surgical Grand Rounds (weekly)
Radiology/Surgery Conferences (bi-weekly)
Trauma M&M (monthly)
Transplant M&M (quarterly)
Fetal M&M (quarterly)
Trauma Case Review (monthly)
Transplant Selection/Management (weekly)
Pathology (Quarterly)

Pediatric Surgery Fellows, 2023-2024

Numa Perez, MD – Senior Fellow
MD – Harvard Medical School

Andrew Hu, MBChB – Junior Fellow
MBChB – The University of Sheffield

Advanced Training Program in Cardiothoracic Surgery

Robert Van Haren, MD, Program Director

Associate Professor of Surgery
Section of Thoracic Surgery

Tonya Esterkamp, Program Coordinator

Department of Surgery
Section of Thoracic Surgery
University of Cincinnati College of Medicine
231 Albert Sabin Way (ML0558)
Cincinnati, OH 45267-0558
513-584-1387
esterktg@ucmail.uc.edu

Applications for the thoracic surgery residency training program can be obtained from the following address:

National Residency Match Program
2501 M Street Northwest, Suite 1
Washington, DC 20037-1307
Phone: 202-828-0676
<http://www.nrmp.org>

Integrated Cardiothoracic Residency Program

Our integrated 6-year (I-6) program provides six years of training after completion of medical school, with one resident starting each year. Our program, which started in 2014, is one of 36 in the country. Our program provides balanced education in all aspects of cardiothoracic surgery, with an emphasis on minimally invasive procedures. Our goal is to develop, train and mentor the next leaders in cardiac and thoracic surgery.



In collaboration with the Department of Surgery, residents rotate through general surgery, surgical oncology, vascular surgery, transplant surgery, pediatric surgery, critical care, trauma surgery, cardiac surgery, and thoracic surgery during the first three years of the program to establish strong fundamentals of surgical practice. During the last three years, the residents are educated in all aspects of cardiothoracic surgery including adult cardiac surgery, general thoracic surgery and congenital cardiac surgery, resulting in well-rounded and independent thoracic surgeons. Additionally, the trainees have dedicated rotations in echocardiography, cardiac catheterization, interventional pulmonary and cardiothoracic critical care.

Applicants for our ACGME-accredited advanced training programs in cardiothoracic surgery are selected through the National Resident Matching Program (NRMP).

Clinical Rotations

Adult Cardiac Surgery

The primary adult cardiac surgery experience is at the University of Cincinnati Medical Center (UCMC). Our residents gain experience, and develop expertise in all aspects of cardiac surgery, including coronary revascularization, valvular heart disease, thoracic aortic disease and surgery for heart failure including heart transplantation, short-term and long-term mechanical circulatory support, and Extracorporeal Membrane Oxygenation (ECMO). There is a robust experience with off-pump coronary artery bypass, total arterial bypass grafting and minimally-invasive cardiac surgery, including minimally-invasive coronary bypass. In addition, residents gain experience with modern endovascular procedures including transcatheter aortic valve replacement (TAVR), mitral clip and thoracic endovascular aortic repair (TEVAR) and transcatheter mitral valve procedures.

Our residents also rotate at a community cardiac center, the Christ Hospital. This site provides exposure to a high-volume community cardiac surgery program with faculty that are dedicated to resident education. In addition, this rotation provides a unique experience with a high volume of robotic cardiac procedures, including valve surgery and coronary revascularization.



General Thoracic Surgery

During the thoracic surgery rotation, residents are trained in all aspects of general thoracic surgery and thoracic oncology, including benign and malignant lung and esophageal diseases, airway diseases and mediastinal tumors.

The general thoracic rotation has a focus on advanced minimally-invasive techniques such as thoracoscopic (VATS) and robotic lobectomy for lung cancer, minimally-invasive esophagectomy, and robotic mediastinal resections. Residents are also trained in advanced airway and esophageal endoscopic procedures such as laser interventions, stent placement and management, and endobronchial ultrasound (EBUS).

Congenital Heart Surgery

Residents rotate on the congenital cardiac surgery service at Cincinnati Children’s Hospital Medical Center, a world leader in the management of congenital heart disease. They are an integral part of the team during preoperative planning, intraoperative surgical management and postoperative care of neonates, infants, children, teenagers and adults across the entire spectrum of congenital heart disease. There are cutting edge programs for end-stage heart and lung failure, including heart and lung transplant programs and mechanical circulatory support programs. In partnership with the solid organ transplant program, heart/liver and heart/kidney transplants are performed in patients with extra-thoracic multiorgan failure.

In collaboration with the Aerodigestive Center at Cincinnati Children’s, the division has the world’s most extensive experience with complex tracheal reconstruction in infants and children. Cincinnati Children’s consistently ranks among the top in the nation for cardiology and heart surgery as measured by *U.S. News & World Report*.

Education

The thoracic residency has a robust didactic program. A structured weekly cardiothoracic teaching conference using a case-based approach covers all topics included in the Thoracic Surgery Core Curriculum and utilizes the Society of Thoracic Surgeons on-line learning management system. In addition, we have a monthly debate-style journal club, monthly mini-mock oral examinations, and morbidity and mortality conference.

Residents participate in a structured simulation program quarterly, with sessions for open and thoracoscopic lobectomy, chest wall resection, tracheal resection, sleeve lobectomy, esophageal anastomotic techniques, coronary artery bypass, valve repair/replacement, and robotics.

Cardiothoracic Surgery Residents 2024-2025

PGY1:

Hannah Vester, MD – University of Cincinnati

PGY2:

Nicole Kaley, MD – Creighton University

PGY3:

Valeria V. Farias, MD – SUNY Downstate

PGY4:

Keaton Cooley, MD – University of California, Irvine

PGY5:

John Kennedy, MD – University of Central Florida

PGY6 (Chief):

Emily R. Wright, MD – University of Cincinnati



Congenital Cardiac Surgery Fellowship Program

David Morales, MD, Program Director

James Scott Tweddell Chair of Congenital Heart Surgery
 Professor of Surgery and Pediatrics
 Director, Division of Cardiothoracic Surgery
 Executive Co-Director, The Heart Institute
 Cincinnati Children's Hospital Medical Center

Melinda Davies, Program Coordinator

Cincinnati Children's Hospital Medical Center
 Division of Cardiothoracic Surgery
 The Heart Institute
 3333 Burnet Ave., MLC 2013
 Cincinnati, OH 45229-3039
 513-803-9150
 melinda.davies@cchmc.org

The UC College of Medicine and Cincinnati Children's Hospital Medical Center offer a two-year accredited fellowship in congenital cardiac surgery. We are one of only 16 programs in the country accredited by the ACGME, leading to eligibility for subspecialty certification in Congenital Cardiac Surgery by the American Board of Thoracic Surgery. Our fellows receive intensive training in all aspects of congenital heart surgery including heart and lung transplantation.

The division performs over 600 cardiac surgeries annually. Cincinnati Children's Hospital consistently ranks among the top programs in the nation for cardiology and heart surgery as measured by *U.S. News & World Report* Best Children's Hospitals.

Applications for the fellowship can be found at: <http://www.tsda.org/the-tsda/congenital-match>.

Current Fellows

Kyle Riggs, MD

Medical School – University of Missouri School of Medicine
 Residency – Hofstra School of Medicine – Northwell Health

Abdominal Multi-Organ Transplant Fellowship Training Program

Kristina H.K. Lemon, MD, Program Director

Associate Professor of Surgery
 Division of Transplantation

Alicia M. Perry-Wilson, Program Coordinator

Department of Surgery
 Division of Transplantation
 University of Cincinnati College of Medicine
 231 Albert Sabin Way (ML0519)
 Cincinnati, OH 45267-0519
 513-558-6001
 perrywam@ucmail.uc.edu

The University of Cincinnati College of Medicine's Abdominal Multi-organ Transplant fellowship enrolled its inaugural fellow in 1969, and since that time has graduated a total of 46 fellows. The program is accredited through the American Society of Transplant Surgeons (ASTS) and the Transplant Accreditation & Certification Council (TACC). Our fellowship employs three fellows (matching 2 and 1 on alternate years).

The fellowship consists of two clinical years of training in liver, kidney, and pancreas transplantation including broad exposure to both multi-organ deceased donor procurements and live donor operations. Fellows also receive extensive training in hepatobiliary and complex vascular access surgery. Additionally, they have a fully integrated experience in pediatric transplantation at Cincinnati Children's Hospital Medical Center. The fellows become proficient in not only the surgical aspects of transplantation, but also in the clinical management of the routine and complex transplant patient.

The philosophy of our transplant faculty is to treat the transplant fellow like a junior partner. Fellows are given graded responsibility not only in the operating room, but also in the clinical management of the transplant, hepatobiliary, and vascular access patients.





Most fellows become independent in performing the multi-organ procurement operation within the first few months of fellowship training, and virtually all fellows perform the entirety of the liver and kidney transplantation operation within the first six months of their fellowship. The transplant surgery fellow leads the inpatient care of all transplant patients at UC Medical Center. All recipients within their first year of transplant are cared for by the Transplant Surgery service, which consists primarily of attending surgeons, surgery fellows, mid-level providers, surgical residents, and medical students. Structured multidisciplinary rounds are made by the Transplant Surgery service daily. These rounds are led by the transplant surgery fellows with guidance and support provided by transplant surgery faculty. Leadership skills are quickly developed as the fellows coordinate the multidisciplinary team and oversee the daily management of our transplant patients. Fellows also participate in outpatient clinics, which include the pre-transplant evaluation of liver, kidney, and pancreas transplant recipients, as well as the routine post-operative care of these patients. Fellows also attend hepatobiliary and vascular access clinics from which elective cases are scheduled. This allows them the opportunity to participate in preoperative planning and continued outpatient management of these patients. Fellows participate in weekly multidisciplinary conferences for kidney, liver, pancreas, and hepatobiliary. They are responsible for presenting the inpatients, operations and complications. These conferences are attended by transplant surgeons, transplant hepatologists and transplant nephrologists, nurse practitioners, social workers, pharmacists, ethicists, dieticians, coordinators, and anesthesiologists.

Conferences

Multiple teaching conferences supplement the fellowship experience. Transplant Grand Rounds occur monthly. Weekly fellows' conferences are held serving two main goals: (1) pre-operative conference to review cases for the following week; (2) rotation of six different themes – Journal Club, pathology review, liver topic review, kidney topic review, organ offer turn-down conference, and live donor liver transplantation surgical planning. Transplant lecture series occurs weekly and a bi-monthly regional transplant fellows conference is held to learn alongside our regional partners.

2023-2024 Visiting Speakers

January 24, 2024

Sixteenth Annual Heekin Family Lectureship

Pierre-Alain Clavien, MD, PhD, FACS (Hon), ASA (hon), FRCS (Eng), FRCS Ed

Professor of Surgery and Transplantation

University of Zurich, Switzerland

Co-Director of the "Liver4Life" group at the Wyss Institute in Zurich, Switzerland

Transplant Grand Rounds: "Ex Situ Normothermic Liver Machine Perfusion"

Surgical Grand Rounds: "Quality and Outcome in Surgery: What does it mean? What should be measured and reported?"

April 24, 2024

First Popplewell Family Visiting Professor

Satish N. Nadig, MD, PhD

Edward G. Elcock Professor & Chief of the Division of Transplant Surgery

Director, Comprehensive Transplant Center

Director, Abdominal Organ Transplant Program

Northwestern University Health System

Feinberg School of Medicine, Chicago, IL

Transplant Grand Rounds: "First Line of Defense" Surgical Grand Rounds: "The Surgical Entrepreneur: Innovative Career Pathways for the Modern Academic Surgeon"

Transplant Grand Rounds Guest Lecturers:

Dr. Amit Govil – August 2023: "Updates in AMR Therapy in Kidney Transplant"

Dr. Constance Mobley – September 2023: "The Role of a Transplant ICU"

Dr. Filza Hussein – October 2023: "Early Sobriety in ALD"

Dr. Latifa Silski – November 2023: "Post-Transplant Management of HD Access"

Dr. Shimul Shah – December 2023: "State of the Division Address"

Dr. Jon Merola – February 2024: "Treating the Organ: Genetic Engineering in Organ Transplant"

Dr. Adeel Khan – March 2024: "Building a Robotic Transplant Program"

Transplant Surgery Fellows 2024-2025

First Year:

S. Whitney Zingg, MD

Residency – University of Cincinnati

Second Year:

Olanrewaju Adebola Eletta, MD

Residency 1 – University of Illinois at Chicago,
Metropolitan Group Hospitals – Surgery

Residency 2 – Rutgers Robert Wood Johnson Medical
School – Surgery

Alana Hofmann, MD

Residency – University of Central Florida/HCA Consortium,
Ocala, Florida



Surgical Critical Care Fellowship

Krishna Athota, MD, Program Director

Associate Professor of Surgery, Division of General Surgery

Michael D. Goodman, MD, Associate Program Director

Professor of Surgery, Division of General Surgery

Elizabeth Loechle, Program Coordinator

Department of Surgery

University of Cincinnati College of Medicine

231 Albert Sabin Way (ML0558)

Cincinnati, OH 45267-0558

513-558-5861

loechleh@ucmail.uc.edu



The one-year ACGME accredited surgical critical care fellowship program encompasses all aspects of care of the critically ill surgical patient, with emphasis on cardiopulmonary mechanics, principles of resuscitation, and mechanical ventilation. University of Cincinnati (UC) Medical Center is the primary teaching facility for the surgical critical care fellowship. It is the tertiary referral hospital for southern Ohio, eastern Indiana, and northern Kentucky, serving a population of over 2 million with over 80,000 emergency department visits annually. The hospital serves as the region's only academic medical center and maintains the only verified adult Level 1 trauma center and adult burn center for the regions of Southwest Ohio, Eastern Indiana and Northern Kentucky.

UC Medical Center has approximately 116 adult critical care beds, distributed through the surgical, medical, neuroscience, and cardiovascular intensive care units. The SICU consists of 34 adult beds with 150-180 monthly admissions from all surgical specialties, including trauma, general surgery, transplantation, surgical oncology, vascular surgery, urology, orthopedic surgery, thoracic surgery, obstetrics/gynecology, and otolaryngology. Daily multidisciplinary rounds are collaborative in nature, with input and discussion from all team members, including respiratory therapists, pharmacists, and nurses.

Subspecialty services such as nephrology, infectious disease, rehabilitation medicine, cardiology, and hematology are available and consulted as needed. Additional clinical support in the SICU includes nutrition services, nurse educators, and dedicated SICU social workers. The SICU at UC Medical Center serves as a critical care educational venue for residents not only from numerous specialties but also from other local and regional institutions.

Other required critical care rotations include the Neuroscience Intensive Care Unit, Cardiovascular Intensive Care Unit, Medical Intensive Care Unit, and the Pediatric Intensive Care Unit at Cincinnati Children's Hospital Medical Center. The NSICU is a 20-bed unit with neuro-surgical admissions following tumor and skull base surgery, spine surgery, advanced neurovascular interventions, and traumatic brain injury. As the region's stroke center, patients undergoing state-of-the-art therapy for stroke, seizures, and other neurologic diseases are also cared for in the NSICU. Patients in the CVICU include postoperative patients as well as those with heart failure and acute coronary disease. Advanced mechanical support modalities, including ECMO and LVAD, are supported as well,

The Pediatric Intensive Care Unit (PICU) in the renowned Cincinnati Children's Hospital Medical Center is a 36-bed multidisciplinary unit for children beyond the newborn age with over 2,000 combined medical and surgical admissions annually. In addition to pediatric trauma patients, other PICU admissions include neurosurgical, airway reconstructive surgery, solid organ transplantation, and orthopedic patients. All forms of mechanical ventilator support, including liquid ventilation and high frequency ventilation, renal dialysis, continuous venovenous/veno-arterial ultrafiltration, and ECMO are utilized in the PICU.

Experience in trauma surgery at UCMC and acute care surgery at our Level 3 trauma center in West Chester, Ohio are also offered and encouraged during the one-year fellowship through elective rotations. Other venues for critical care education include the 10-bed Burns Special Care Unit at UC Medical Center. These rotations can be arranged according to fellow interest and availability.

The surgical critical care fellowship was reviewed by the ACGME in 2024 and was granted Continued Full Accreditation. Options for extending the fellowship for a second, non-ACGME accredited year are available and include acute care surgery, trauma, and advanced research and educational opportunities. Second-year positions will be considered on an individual basis, depending on funding.

Current Fellows:

Sara Hensley, MD

MD – University of Kentucky

GS Residency – University of Florida

Rafael Lozano, MD

MD – University of Missouri, Kansas City School of Medicine

GS Residency – University of California – Davis/Travis Air Force Base



Past Fellows:

2024 **Andrew Kung, MD** – Volunteer Instructor – University of Cincinnati Medical Center, Cincinnati, Ohio.

2024 **Stephen Markowiak, MD** – Assistant Professor, Trauma, Parkview Regional Medical Center, Ft. Wayne, IN

2023 **Lauren Craugh, MD** – Assistant Professor, Trauma, Indiana University Health, Indianapolis, IN

2023 **Tyler Williams, MD** – Private Practice

2022 **Christopher Horn, MD** – Junior Faculty (Military), University of Cincinnati Medical Center.

2022 **Dan Hyatt, MD** – Locums (traveling ICU/trauma doc).

2021 **Jay Nathwani, MD** – Assistant Professor, Trauma/Critical Care, University of Cincinnati Medical Center, Cincinnati, Ohio.

2021 **Aaron Seitz, MD** – Assistant Professor, Trauma/Critical Care, Director, WCH Trauma and Acute Care Surgery, University of Cincinnati Medical Center, Cincinnati, Ohio.

2020 **Allyn Checovich, MD** – Private practice.

2020 **Donald (Christopher) LaSeur, MD** – Faculty, Medical City Plano, Plano, Texas.

2019 **Ryan Earnest, MD** – Assistant Professor, Trauma/Critical Care, University of Cincinnati Medical Center, Cincinnati, Ohio.

2019 **Paul Vana, MD** – Trauma practice at Advocate Good Samaritan Hospital, Chicago, Illinois.

2018 **Anthony England, MD** – Surgeon, St. Elizabeth Physicians, Edgewood, Kentucky.

2018 **Ian Ferries, MD** – Surgeon, Naab Road Surgical Group, St. Vincent Indianapolis – Hospital & Health Care Center, Indianapolis, Indiana.

2017 **Gregory Day, MD** – Trauma, Surgical Critical Care and Acute Care Surgeon, Memorial Hospital, Colorado Springs, Colorado.

2017 **Joshua Person, MD** – Assistant Professor, Trauma and Critical Care, UT Health, Galveston, Texas.

2016 **Keshav Deshpande, DO** – Trauma, Critical Care and Acute Care Surgeon, OhioHealth Grant Medical Center, Columbus, Ohio.

2016 **Stephanie Streit, MD** – Trauma and Acute Care Surgeon, Nellis Air Force Base, Las Vegas, Nevada.

2015 **Kevin Christian, DO** – Associate Trauma Medical Director, Acute Care Surgeon at Ferrell Duncan Clinic at Cox Health, Springfield, Missouri.

2015 **Alyssa Gans, MD** – Assistant Professor of Surgery, Soin Medical Center, Beavercreek, Ohio.

2014 **D Anderson Millar, MD** – Trauma and Acute Care Surgeon, Utah Surgical Associates, Provo, Utah.

2013 **Kate Gazenko, MD** – General Surgeon, Johnson Regional Medical Center, Clarksville, Arkansas.

2013 **Gina Maccarone, MD** – General Surgeon, Cosmetic Surgery Fellow, Cincinnati, Ohio.

2012 **Jason Schrage, MD** – Associate Professor of Surgery, Medical Director Acute Care Surgery, University of Cincinnati, Cincinnati, Ohio.

2012 **Christina Williams, MD** – Assistant Professor of Surgery, University of Cincinnati, Cincinnati, Ohio.

2011 **Matthew Moorman, MD** – Division Chief, Trauma, Critical Care, and Acute Care Surgery University Hospital, Cleveland, Ohio.

2011 **Christian Bulcao, MD** – Study Physician, Samumed, LLC, San Diego, California.

2010 **Gerald Fortuna, MD** – Vascular and Trauma Surgeon, Lexington Medical Center, West Columbia, South Carolina.

2010 **Nichole Ingalls, MD** – Surgeon, Northwest Surgical Specialists, LLP, Springfield, Oregon.

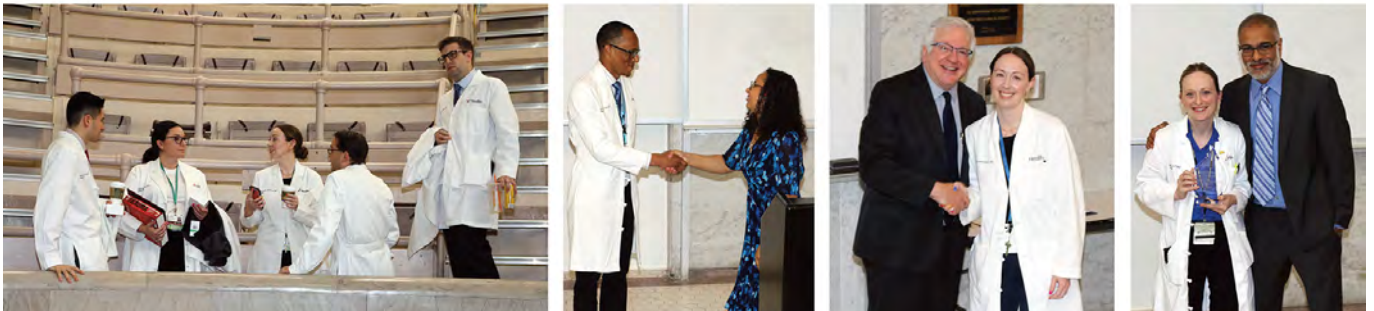
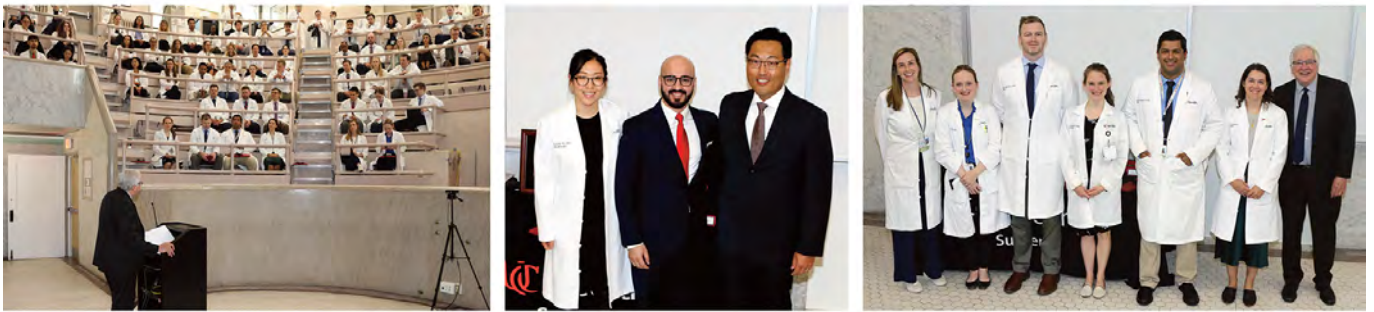
2009 **Rachael Callcut, MD** – Professor and Chief, Division of Trauma, Acute Care Surgery and Surgical Critical Care, UC Davis, Sacramento, California.

2009 **Rachel Hight, MD, Lt Col, USAF** – Assistant Professor of Surgery, University of California Davis Medical Center, Sacramento, California.

2008 **Krishna Athota, MD** – Associate Professor of Surgery, Program Director Surgical Critical Care Fellowship, University of Cincinnati, Cincinnati, Ohio.

2008 **Brian Leininger, MD** – Director, Surgical Critical Care Service, Memorial Hospital, Colorado Springs, Colorado.







Vascular Surgery Residency Program

Sung Yang, MD, Program Director

Assistant Professor of Surgery
Section of Vascular Surgery

Alexandra Riestenberg, Administrative & Program Coordinator

Integrated Vascular Surgery Residency Program
Department of Surgery
Section of Vascular Surgery
University of Cincinnati College of Medicine
231 Albert Sabin Way (ML0513)
Cincinnati, OH 45267-0513
513-558-5367
riestea@ucmail.uc.edu

Integrated Vascular Surgery Residency Program

The Integrated Vascular Surgery Residency Program is a five-year training program aimed at successful graduates of an accredited medical or osteopathic school who wish to specialize in the field of vascular surgery directly. The program includes 18-24 months of core surgical training and 36-42 months of vascular training. The curriculum stresses core education in the management of surgical patients with complex illnesses, and advanced education to develop competency in the diagnosis and treatment of patients with vascular disease.

The goal of core surgery education is to ensure that the vascular resident is competent in the comprehensive evaluation and management of patients with complex illnesses and the basic surgical skills used in the treatment of cardiovascular, thoracic, abdominal and soft tissue diseases. Upon completion of PGY-2, the surgical resident should have acquired the knowledge and skills outlined below to facilitate quality patient care and ensure patient safety. The knowledge and skills should serve as the foundation for further education and training in vascular surgery.

The vascular residents rotate through some of the standard surgery rotations during the first two postgraduate years: general surgery to include gastrointestinal surgery, surgical oncology, endocrine surgery and laparoscopic surgery and trauma surgery; anesthesiology; critical care; plastic surgery; cardiac surgery, thoracic surgery; as well as transplant surgery.

The goals of these rotations are similar to the goals of the general surgical training with some additional rotations intended specifically to augment the knowledge and skills expected of a vascular surgeon such as radiology and interventional radiology. The residents also rotate to The Christ Hospital where they receive valuable endovascular and dialysis access experience. The final years of training are dedicated exclusively to vascular and endovascular rotations only.



Conferences:

- Weekly, Department of Surgery Grand Rounds
- Weekly, Department of Surgery, Morbidity & Mortality Conference
- Weekly, Vascular Preoperative Case Conference & Morbidity & Mortality
- Weekly, Vascular Education Conference (Journal Club, Didactics, V-SCORE, VESAP and Skills Simulation)
- Monthly, Non-Invasive Vascular Laboratory Noon Conference
- Bi-Monthly, Vascular QI Project / Research Noon Conference

Current Integrated Vascular Surgery Residents:

Kristie Yu, MD (Chief) – Case Western Reserve University

Eric Hammond, MD (Fourth Year) – SUNY Upstate Medical University

Jacob Hughes, MD (Third Year) – Eastern Virginia Medical School

Koushik Mantripragada, MD (Second Year) – Florida Atlantic University

Jordan Byrne, MD (First Year) – Medical University of South Carolina



Medical Student Education

Latifa Sage Silski, MD, Director

Associate Professor of Surgery
Division of Transplantation

Jennifer S. Colvin, MD, Associate Director

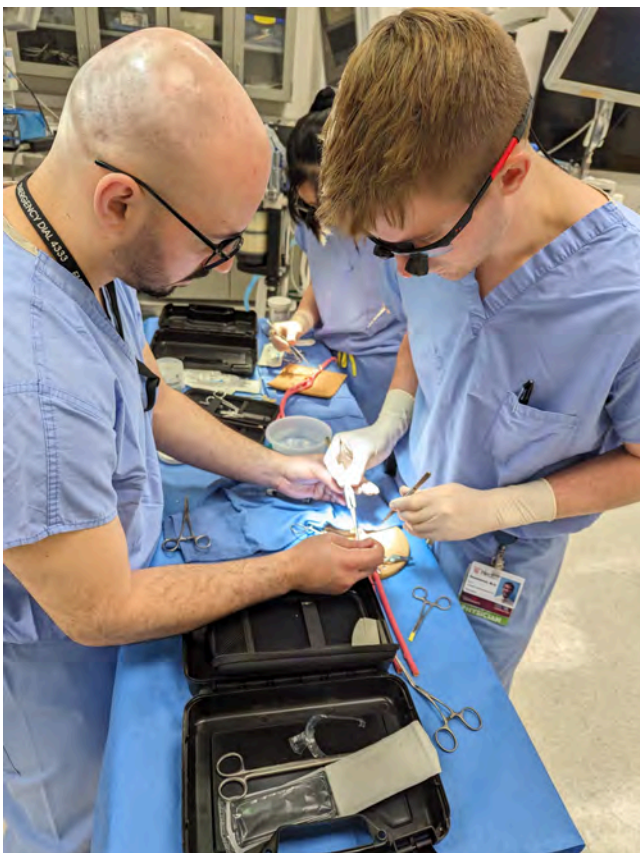
Assistant Professor of Surgery
Division of General Surgery

Carla F. Justiniano, MD, Associate Director

Assistant Professor of Surgery
Division of Colon & Rectal Surgery

Nikki Norman, Program Coordinator

Department of Surgery
University of Cincinnati College of Medicine
231 Albert Sabin Way (ML0558)
Cincinnati, OH 45267-0558
513-558-2134
normanno@ucmail.uc.edu



The Department of Surgery is committed to providing excellent educational experiences for medical students. We strive to create a culture that fosters mutual respect, personal growth and educational freedom to provide our students with tools to become excellent physicians, caretakers and leaders.

A dedicated team of faculty and staff have developed one of the strongest clerkships within the College of Medicine and increased the number of graduating students who have chosen to pursue a career in surgery. We also pride ourselves in providing connections and context for the students that pursue other specialties as they will be our future colleagues and collaborators in patient care.

Mentoring of students by the Director of Surgical Student Education and the Director of Medical Student Development is an integral part of the educational experience students have while working within the Department of Surgery. Improvements to the structure of the surgery clerkship curriculum have helped us to increase the depth and breadth of students' knowledge of surgery and its role in the health care system.

We utilize the National Board of Medical Examiners (NBME) Surgery exam as our clerkship final written examination. The use of this exam helps maintain the integrity of our testing system and shows how our results compare to those from other surgical education programs throughout the country. Students also complete a board-style oral examination and a knot-tying task that is evaluated for both speed and accuracy.

An online evaluation system has also been established that enables students to provide timely, constructive feedback regarding their learning experience on the Surgery Clerkship, as well as comments regarding faculty and resident teaching performance. We encourage helpful feedback and take these comments into consideration as we progressively modify the experience for better student education.

During the fourth year, students have the option of gaining additional experience in surgery with several electives. Acting Internships are available in General Surgery, Surgical Oncology, Trauma, Transplant Surgery, and Pediatric Surgery. Every student aspiring to a general surgical residency is encouraged to enroll in the acting internships. Students are assigned tasks and responsibilities commensurate with the level of a surgical intern. The Critical Care acting internship involves managing patients admitted to the Surgical Intensive Care Unit, and students participate in the acute resuscitation and management of many types of patients. The core of the rotation is centered on the multidisciplinary rounds led by surgical intensivists, with participation by pharmacy, respiratory therapy, nutrition, and nursing. Fourth-year students pursuing a career in surgery are also invited to participate in a surgery "Boot Camp." During this five-hour session, they are given practical lectures on common clinical scenarios and provided the opportunity to practice technical procedures on an animate model. They are able to hone skills in instrument handling, suturing, tissue dissection, and obtaining exposure.



Continuing Medical Education

UC Health Surgeons are pleased to be a resource for practicing physicians. We are excited to share the latest clinical and research findings with you. We invite you to join us for Grand Rounds, teaching conferences and visiting professor lectures. Innovative procedures and technologies are evaluated, current protocols are reviewed and the future of our profession is discussed.

Surgical Grand Rounds, Curriculum Conference, and Morbidity & Mortality are conducted each Wednesday morning. The curriculum conference is based on the American Board of Surgery SCORE curriculum and will consist of a concise review of the reading assignment, a Q&A session with audience response system, and a faculty member who will moderate the session and review case studies. Surgical Grand Rounds is .75 AMA PRA Category 1 CME Credit for any faculty member in attendance who completes the evaluation sheet.

The University of Cincinnati College of Medicine designates these educational activities for .75 Category 1 CME credit toward the AMA Physician's Recognition Award. The University of Cincinnati College of Medicine is accredited by the Accreditation Council of Continuing Medical Education to sponsor CME for physicians.

For information, please contact:

Jenna M. Lengerich, MHA

Education Office Manager/Residency Program Coordinator
Department of Surgery
University of Cincinnati College of Medicine
513-558-4206
lengerja@ucmail.uc.edu

Further information on the Office of Education can be viewed at med.uc.edu/depart/surgery.



Center for Surgical Innovation (CSI)

Expanding the Frontiers of Medicine

About Us

The Center for Surgical Innovation (CSI) is a collaboration between the University of Cincinnati (UC) departments of surgery, biomedical engineering, emergency medicine, and Cincinnati Children's Hospital Medical Center.

The collaboration was established to develop, assess, and enhance new technologies in biomedical and surgical care. Located in the UC College of Medicine's Medical Sciences Building, CSI is a 3,700-square-foot research and teaching facility. The space includes both a teaching laboratory and an operating room, equipped with the latest surgical technology.

Whether it is continuing medical education, device development, procedure modification, or training and simulation, CSI is a tremendous resource for both UC-affiliated faculty as well as regional businesses, community medical practitioners, engineers and scientists.

Capabilities

CSI welcomes the opportunity to work with regional industries. Surgeons, medical practitioners and scientists from across the region come to our state-of-the-art training and conference facility to teach, train, explore and discover. The lab has the capability of both animate and inanimate (cadaver) models to be used for teaching, training and research. All cadavers are provided by the UC Body Donation Program.

CSI is equipped with the following technologies:

- Laparoscopy
- Fluoroscopy
- Telemedicine
- Video Recording
- Didactic Lecture

The facility is also equipped with:

- Five plasma screens and a projector that can be used to display images and demonstrate procedures
- Space for up to seven work-stations and 30-40 people
- A small conference room adjoining the lab with a plasma screen and projector (access to larger rooms located within the Department of Surgery and College of Medicine are also available)

Trained staff members of CSI are available for planning and organizing teaching labs to ensure that lab requirements are met.



Partnerships

Building collaborative partnerships is a key component of CSI's continuing success.

CSI has grown and benefited from generous donations of financial support, as well as donations of hardware from both internal and external sources.

Additionally, CSI is grateful for philanthropic commitments, and was established in part by a generous gift from Mr. Carl Lindner, a Cincinnati business leader.

Please contact us at (513) 558-5044 for information on how to become a partner and/or make a donation.

Contact Us

CSI laboratory facility is equipped for UC affiliates, as well as corporate industries, to conduct training labs and/or research and development activities.

For more information on using the CSI laboratory, visit med.uc.edu/depart/surgery or contact:

Judy Heyl

Program Coordinator
Center for Surgical Innovation (CSI)
Department of Surgery
University of Cincinnati
231 Albert Sabin Way
Cincinnati, OH 45267-0558
phone: 513-558-5044
fax: 513-558-2026
e-mail: heyjljr@uc.edu







UC Institute for Military Medicine

Overview

The University of Cincinnati (UC) Institute for Military Medicine was created by the department of surgery around its core strength of clinical and research faculty, with interests in trauma and critical care. It was named an official Institute of the University of Cincinnati by the Board of Trustees in August 2009. The Institute functions as an interdisciplinary network of investigators across the breadth of the university who share a common focus related to the treatment and care of seriously injured patients. It is not structured as a research silo or confined department, but rather as a coalition of clinicians and scientists who bring unique perspectives to bear on a common problem. The Institute is uniquely distinguished by its presence across the Department of Defense, the Military Health System, the UC College of Medicine, and clinical care within a university system.

The UC Institute for Military Medicine (IMM) has partnered with the United States Air Force, the Department of Defense, the Joint Program Committee-6 (JPC), and the Naval Medical Research Unit (NAMRU), to name a few of the many military funding sponsors.

The goal of this collaboration is to seek answers to identified shortfalls and needs in the scientific understanding of traumatic injuries and care of the injured soldier.

An additional significant advantage uniquely leveraged by the IMM is the rapid translation of this new knowledge not only to the military community but to the civilian trauma setting as well. The IMM is uniquely distinguished by its synergistic platform which allows immediate access to all team members across the entire spectrum of military medical providers, clinicians, and scientists in the setting of a century-old college of medicine whose robust infrastructure provides expertise and continuity to answer evolving military medical challenges.

The missions of the UC Institute for Military Medicine are to:

- discover the scientific basis of traumatic injury and translate this knowledge into better treatments for combat casualties and civilian patients
- develop technology that can be applied in military and austere environments to advance the care of the acutely injured patient
- provide state-of-the-art training for those caring for our wounded soldiers
- prepare and train the next generation of clinical and research leaders in traumatic injury

Programs

The UC Institute for Military Medicine has a broad range of programs that serve to advance its missions.

Clinical & Applied Science

This section entails projects that serve to develop equipment solutions and technologies to advance the care of acutely injured patients. These projects translate scientific findings into clinical practice algorithms or demonstrate novel applications of technology for patient care. Examples of the types of projects in this program include: clinical trials of blood component therapy for massive transfusion, development and application of a closed-loop autonomous ventilator, oxygen conservation and generation technology for far-forward environments, and effects of fatty acid supplementation on recovery from traumatic injury.

Basic Science

The basic science section focuses on the traditional and fundamental aspects of scientific research. Projects within this program are directed towards increasing our understanding of the biology of traumatic injury at a genetic, molecular and cellular level, and to elucidate the fundamental cellular changes impacted by trauma with a goal of establishing translation to potential therapeutic strategies. Examples of projects in this program include: effects of resuscitation with blood component therapy on systemic inflammation after hemorrhagic shock, neuro-inflammation of traumatic brain injury, effects of aeromedical evacuation on the severely injured, and detrimental effects of age on red blood cell function.

Training

The training program has projects that extend to both clinical and scientific training and serve to promote the excellence of trainees in the care of the acutely injured. Our partnership with the military as one of five National Military Medical Training Centers includes multiple venues:

- Cincinnati C-STARS/CCATT

Trains the Critical Care Air Transport Teams (CCATT) of the USAF that are responsible for medical care of seriously injured soldiers during transport from the combat theater to Europe and the USA. CCATT teams consist of three medical providers (MD, RN, RT) and usually employ a fixed wing platform.



- Nurse Transition Program USAF

The USAF Nursing Corps (NC) utilizes the clinical platform of inpatient care at UC Medical Center to provide the academic and clinical experience for USAF nurses transitioning to practice.

- Training of military and civilian medical personnel under simulated stressful conditions in order to hone their skills and reduce errors.
- A basic science research training program funded by the National Institutes of Health on the biology of trauma helps to develop future scientists in the field of trauma and acute injury.

Contact Information:

Betsy (Elizabeth) Rodarte Boiman

Administrator, Division of Research
Department of Surgery
University of Cincinnati
513-558-8674
Elizabeth.Boiman@uc.edu

Additional information about the UC Institute for Military Medicine can be viewed at med.uc.edu/depart/surgery.



The Division of Cardiothoracic Surgery



Sandra L. Starnes, MD
 Professor of Surgery
 John B. Flege, Jr. Chair in
 Cardiothoracic Surgery
 Chief, Division of
 Cardiothoracic Surgery
 Director, Section of
 Thoracic Surgery
 Sandra.Starnes@uc.edu
 513-584-1387



Louis B. Louis, MD
 Associate Professor of Surgery
 The Louis Buckberg Endowed
 Chair in Cardiac Surgery
 Director, Section of
 Cardiac Surgery
 Louis.Louis@uc.edu
 513-584-4424

The Section of Cardiac Surgery

The University of Cincinnati (UC) section of cardiac surgery leads the Tri-State region in the discovery and advancement of innovative treatment for patients with cardiac disease. A multidisciplinary team dedicated to heart failure and complex cardiac diseases has made UC a state-of-the-art referral center for both standard and complex cases. We have been recognized as “High Performing” in Coronary Artery Bypass Graft (CABG) and Heart Failure in the 2022-2023 *U.S. News & World Report*.

The section performs the full spectrum of operative procedures in patients with cardiac and vascular diseases, including coronary revascularization, valve repair and replacement, aortic aneurysm repair, and ventricular assist device implantation, and is the region’s first adult heart transplantation program.

The section offers expertise in all-arterial and off-pump coronary revascularization, and repair of complex thoracic aortic diseases. In addition, our surgeons perform complex minimally-invasive cardiac surgery including coronary artery bypass grafting.



Congenital Heart Surgery

Part of the UC Department of Surgery, the Division of Congenital Heart Surgery at Cincinnati Children's Hospital Medical Center has a high profile as a world leader in the surgical management of cardiac problems in children, including newborn corrective operations, management of the entire spectrum of congenital and acquired cardiac problems in neonates, including management of complex single ventricle cardiac anomalies, biventricular repairs, and management of infants and children with severe heart failure which includes expertise in cardiac transplantation and ventricular assist device utilization. The division also performs lung transplantation and, in partnership with the solid organ transplant program, heart/kidney transplants and heart/liver transplants are performed in patients with multi-organ failure.

The section has the region's first comprehensive advanced heart failure program, which includes a comprehensive mechanical circulatory support program consisting of both short-term and long-term mechanical circulatory support therapy for both acute and chronic heart failure as a bridge to transplantation or as destination therapy.

UC has an integrated ECMO (extracorporeal membrane oxygenation) program which benefits patients who would otherwise fail to survive conventional therapies and offers a unique mobile ECMO program in which patients with cardiorespiratory failure can be placed on support at a referring hospital and transferred to the UC Medical Center. In conjunction with the Department of Anesthesia, Division of Anesthesia Critical Care, the section has a unique E(ECMO) CPR program, in which patients suffering cardiac arrest are placed emergently on ECMO to improve outcomes in certain patients.

In conjunction with the Division of Cardiovascular Health and Disease, Department of Internal Medicine, we offer a joint program in advanced endovascular therapies including transcatheter aortic valve replacement (TAVR) and transcatheter mitral valve procedures.

The section recently welcomed Cristiano Spadaccio, MD, PhD, Associate Professor of Surgery, who brings expertise in heart transplantation, including DCD (donation after cardiac death), aortic diseases and minimally-invasive cardiac surgery. Dr. Spadaccio has an extensive publication record focusing on cardiac surgical outcomes, heart failure and transplant. He will lead the section's research efforts.

Patients benefit from a true multidisciplinary approach to cardiovascular disease, combining surgical and medical expertise as well as the advanced technology and support services offered at UC Medical Center, leading to people not just living longer, but living better.

The division is creating a network of partners with the concept of one program with multiple sites to elevate pediatric cardiac care locally and increase access to care regionally and nationally. This year, there will be four sites including CCHMC, with all sites having surgeons on the CCHMC faculty who work primarily at the partner programs.

CCHMC has an active adult congenital heart disease program, caring for patients with congenital heart disease into and through adulthood with particular interests in aortic valve and aortic pathology (e.g., Supported Ross, valve sparing root surgery and aortic valve repair) and failing Fontan circulations.

In collaboration with the Aerodigestive Center at CCHMC, the division has the world's most extensive experience with complex tracheal reconstruction in infants and children. Cincinnati Children's consistently ranks among the nation's best cardiology and heart surgery programs as measured by *U.S. News & World Report* Best Children's Hospitals.

The Division of Pediatric Cardiothoracic Surgery maintains an active multi-investigator research lab including a team of 10 researchers with two 2-year research fellows in their general surgery or I-6 residency. They presently have three RO-1 NIH grants and publish approximately 30-35 manuscripts a year as a division. Research areas include improved donor organ utilization for thoracic transplantation, novel anticoagulation and anti-inflammatory strategies for mechanical circulatory support, and prosthetic valve development. They also are leaders in the use of virtual reality for surgical planning of complex congenital repairs and collaborate with companies such as Nvidia and Unity on building a surgical planning metaverse.



The Section of Thoracic Surgery

The UC section of thoracic surgery is a leader in treating the entire spectrum of thoracic diseases including lung cancer, benign and malignant esophageal disorders, airway, mediastinal, diaphragmatic and chest wall disease.

The section has the most extensive experience in minimally-invasive thoracic procedures in the Tri-State region, including video-assisted thoracoscopic (VATS) and robotic lobectomy, minimally-invasive esophagectomy and robot-assisted thoracic surgery for mediastinal tumors. We also utilize sophisticated interventions for complex airway and foregut disorders.

The section specializes in the diagnosis and treatment of lung cancer, and performs a high volume of lung cancer surgery, from minor resections to highly complex thoracic operations. Most operations are performed minimally-invasively and we use Enhanced Recovery in Surgery (ERAS) protocols to obtain the best possible outcomes. Special attention is directed to patients who are at high risk for surgery due to underlying lung disease. We have been recognized as “High Performing” in Lung Cancer Surgery in the 2024-2025 *U.S. News & World Report*.

Dedicated lung cancer surgeons work in partnership with radiation oncologists, interventional pulmonologists, chest radiologists and medical oncologists to provide comprehensive lung cancer care to patients through the UC Cancer Center’s Lung Cancer Center. Through UC Health, the team launched the first lung cancer screening program for patients at increased risk for lung cancer in 2012. Lung cancer screening with low-dose CT scans has been shown to reduce lung cancer mortality by at least 20% in those at higher risk for lung cancer. We have three dedicated nurse coordinators to navigate patients through the screening process, an integrated smoking cessation program, and we use the expertise of our multidisciplinary lung cancer team to provide individualized care for our patients while working closely with referring physicians. We perform over 3,000 lung cancer screenings annually and we are recognized as a Screening Center of Excellence by the Go2 Foundation for Lung Cancer.

The section offers expertise in the evaluation and treatment of esophageal cancer and foregut disorders, with the most experienced esophageal surgeons in the region. The Esophageal Disease Center offers coordinated multidisciplinary care in which patients are seen by a team of esophageal cancer experts in one location, including thoracic surgery, surgical oncology, medical oncology, radiation oncology, gastroenterology, oncology dietitians, and social workers. We also perform complex endoscopic procedures such as transoral incisionless fundoplication (TIF), which is a no-incision procedure to treat acid reflux, and endoscopic mucosal resection for early esophageal cancers.

Faculty

Adult Cardiac Surgery Faculty:

Louis B. Louis IV, MD, FACS

Associate Professor of Surgery
The Louis Buckberg Endowed Chair in Cardiac Surgery
Director, Section of Cardiac Surgery

Antonio Panza, MD

Professor of Surgery

Samuel Russell Vester, MD

Professor of Surgery

Cristiano Spadaccio, MD, PhD

Associate Professor of Surgery

Congenital Heart Surgery Faculty:

Carl L. Backer, MD

Professor of Surgery
Cincinnati Children’s Hospital Medical Center
Director of Cardiothoracic Surgery, University of Kentucky

David G. Lehenbauer, MD

Assistant Professor of Surgery
Cincinnati Children’s Hospital Medical Center

David Morales, MD

Professor of Surgery and Pediatrics
Co-Director of The Heart Institute
Clarke-Helmsworth Chair of Congenital Heart Surgery
Cincinnati Children’s Hospital Medical Center

Marco Ricci, MD

Professor of Surgery
Cincinnati Children’s Hospital Medical Center

Farhan Zafar, MD

Associate Professor of Surgery
Director, Thoracic Organ Procurement
Cincinnati Children’s Hospital Medical Center

We work with a multidisciplinary thoracic oncology team to treat uncommon complex tumors such as mesothelioma and thymic tumors.

In conjunction with the Interventional Pulmonary and Thoracic Anesthesiology teams, we have a unique multidisciplinary Advanced Emphysema Program in which patients are evaluated jointly for Lung Volume Reduction procedures. We are one of only a few programs in Ohio to have Joint Commission on Accreditation of Healthcare Organizations (JCAHO) certification for our Lung Volume Reduction Surgery program.

The section continues to expand its expertise in research. The group collaborates with multiple departments in the UC College of Medicine and has active research projects in molecular predictors of lung cancer recurrence, lung cancer screening with low-dose CT scans, enhanced recovery pathway in thoracic surgery, as well as clinical trials in thoracic cancers.

This year, we welcomed **Amro Wafi, MD** to the section. He has expertise in all aspects of thoracic surgery, including robotic lung and esophageal surgery, and foregut surgery.

Faculty

Sandra L. Starnes, MD, FACS

Professor of Surgery

John B. Flege, Jr. Chair in Cardiothoracic Surgery

Chief, Division of Cardiothoracic Surgery

Director, Section of Thoracic Surgery

Dr. Starnes specializes in general thoracic surgery with a focus on lung and esophageal cancer. She has a particular expertise in treating mediastinal tumors and focuses on minimally invasive approaches to thoracic surgery. She is certified by the American Board of Surgery and the American Board of Thoracic Surgery.



Robert Van Haren, MD, MSPH

Associate Professor of Surgery

Program Director, Advanced Training Program in Cardiothoracic Surgery

Dr. Van Haren specializes in all aspects of general thoracic surgery including treatment of benign and malignant diseases of the esophagus, lungs, and airway. He has expertise in minimally-invasive approaches such as video-assisted thoracoscopy surgery (VATS) and robotic surgery. He is certified by the American Board of Surgery and the American Board of Thoracic Surgery.

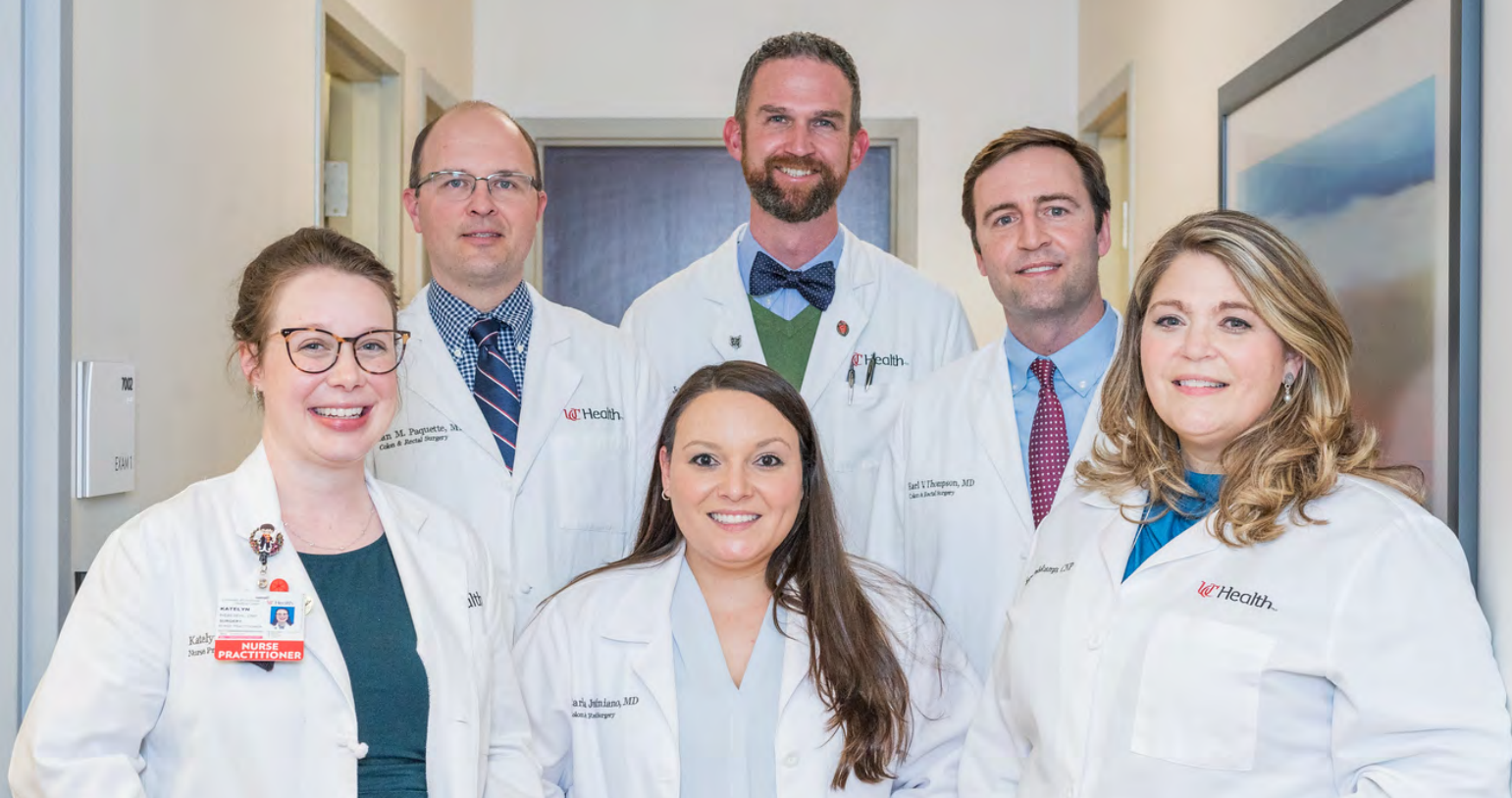
Amro Wafi, MD

Assistant Professor of Surgery

Dr. Wafi joined the section this year. He specializes in all aspects of general thoracic surgery, including robotic lung and esophageal surgery and foregut surgery. He is certified by the American Board of Surgery and the American Board of Thoracic Surgery.

Additional information on the Division of Cardiothoracic Surgery can be viewed at med.uc.edu/depart/surgery.





**Ian M. Paquette, MD,
FACS, FASCRS**

Professor of Surgery
Chief, Division of Colon and
Rectal Surgery

ian.paquette@uc.edu
513-929-0104

The Division of Colon and Rectal Surgery

Surgeons in the University of Cincinnati (UC) division of colon and rectal surgery treat benign, malignant, and inflammatory conditions of the colon, rectum, and anus. Patients with colorectal cancer and polyposis syndromes, inflammatory bowel disease, rectal prolapse and fecal incontinence, hemorrhoids and other benign anorectal disorders are seen at the UC Health Clifton Physicians Office Building adjacent to UC Medical Center and at the UC Health Physicians Office North in West Chester.

Cutting-edge surgical techniques are offered at each of the hospitals where the colon and rectal surgeons work. Minimally invasive advanced laparoscopic, robotic, and transanal surgical procedures are available to patients with both benign and malignant diseases of the colon and rectum. Our surgeons have expertise in transanal minimally invasive surgery (TAMIS) for large rectal polyps and early rectal cancers. Robotic surgery, which allows superior visualization of pelvic anatomy and fine dissection in the pelvis, is also offered. These minimally invasive approaches are associated with less discomfort and a quicker return to normal activity than with traditional surgical approaches and are appropriate for patients with a wide range of diseases. We are the region's referral center for the most complex cases of colorectal cancer and inflammatory bowel diseases.

Colorectal cancer patients are treated in collaboration with medical oncology, radiation oncology, and the hepatobiliary surgeons from the UC Cancer Center. These patients benefit from coordination of care across specialties. Our multi-disciplinary efforts to treat rectal cancer include a tumor board and clinical trials at UC Medical Center. We offer clinical trials for patients with various stages of cancer of the colon, rectum, or anus. Though we have the necessary surgical expertise to treat the most complex cases of rectal cancer, our multi-disciplinary team offers a "watch and wait" approach to selected patients with rectal cancer after chemotherapy and radiation, allowing some patients to avoid surgery completely. We are part of the national Rectal Cancer Surgery Consortium and have collaborated with the top rectal cancer centers in the United States to develop the best practices for nonoperative management of rectal cancer.

Patients with Crohn's disease and ulcerative colitis benefit from the region's only multidisciplinary inflammatory bowel disease center: a collaboration between colon and rectal surgeons, gastroenterologists, radiologists, pathologists, and nurse navigators to select the best individual treatment for each patient with Crohn's or colitis. We are an active contributor to the American College of Surgeons' National Surgical Quality Improvement Program (NSQIP) – Inflammatory Bowel Disease Collaborative as one of a handful of centers focusing on surgery for Crohn's and colitis. We have completed enrolling patients in a clinical trial of stem cell therapy to treat anal fistula disease in Crohn's patients, the only study of its kind in the region.

Patients undergoing elective abdominal operations for benign or malignant disease are placed on an "enhanced recovery pathway." This approach has many elements that are all designed to accelerate recovery following major abdominal surgery, providing patients with the ability to return to their normal level of functioning at a much quicker rate than what has previously been achieved. Specifically, use of non-opioid pain medications decreases the incidence of adverse effects experienced with conventional opioids, such as slowed bowel function and narcotic abuse and dependence. The results of this pathway have been dramatic, with significant decreases in length of hospital stay and increases in patient satisfaction scores.

We have the region's only anal dysplasia screening clinic, designed to decrease the incidence of anal cancer in our community.

We have a WOCN (Wound Ostomy Continence Nursing) certified nurse practitioner in our office, allowing us to take care of the most complex patients with wound and ostomy needs at all of our locations.

Academic pursuits of our colorectal surgeons include clinical trials, novel surgical techniques, and innovative treatments for many colorectal disorders. UC colorectal research outcomes have been presented at national and international meetings

Dr. Paquette is associate editor for the journal *Diseases of the Colon and Rectum* and was awarded the Victor Fazio Award in 2019 as the top editorial board member. He is also on the editorial board of *Annals of Surgery*. He is an examiner for the American Board of Colon and Rectal Surgery and serves as the Chair for the American Society of Colon and Rectal Surgeons Clinical Practice Guidelines Committee. He has served on 35 national and international committees for colon and rectal surgery and has authored 127 peer-reviewed manuscripts.

Dr. Snyder is a reviewer for the journal *Diseases of the Colon and Rectum* and serves on the Peer Review Committee for West Chester Hospital. He also serves as the Department Director of Surgery at West Chester Hospital.

Dr. Thompson serves on the American Society of Colon and Rectal Surgeons' Public Relations Committee, UC Medical Center and The Christ Hospital (TCH) Robotic Surgery Committees, TCH Provider Enhancement Committee, and as co-chair of TCH General and Colorectal Surgery Quality and Performance Enhancement Committee. He is the Surgical Director of Anal Dysplasia Screening at UC Medical Center.

Dr. Justiniano serves on the American Society of Colon and Rectal Surgeons' Diversity, Equity, and Inclusion Committee. She is also part of the Selected Abstracts Committee of the *Diseases of the Colon and Rectum* journal for which she also serves as a reviewer. She is the director of UC's NSQIP inflammatory bowel diseases registry and our National Rectal Cancer Accreditation Program. She is active in clinical outcomes research and is an associate surgery clerkship director for 3rd year medical students.

Faculty

Ian M. Paquette, MD, FACS, FASCRS

Professor of Surgery

Chief, Division of Colon and Rectal Surgery

Dr. Paquette specializes in the surgical treatment of colon and rectal cancer, complex inflammatory bowel diseases such as Crohn's disease, ulcerative colitis, diverticulitis, and benign anorectal disease, with a special focus on laparoscopic colon surgery for benign and malignant conditions. He primarily operates at UC Medical Center and has a referral base of complex and re-operative surgical patients. He is a high-volume surgeon in advanced inflammatory bowel disease surgery including J-pouch surgery. He is certified by the American Board of Surgery and the American Board of Colon and Rectal Surgery.



Carla F. Justiniano, MD, MPH

Assistant Professor of Surgery

Dr. Justiniano specializes in the treatment of malignant and benign colorectal diseases as well as anorectal diseases, prolapse and fecal incontinence. She has a particular interest in robotic surgery, complex re-operative surgery with both open and minimally invasive approaches, and J-pouch surgery. She operates primarily at UC Medical Center. She sees patients in English and in Spanish. She joined the group at UC in 2022 after completing training at the Cleveland Clinic. She is board certified by the American Board of Surgery and the American Board of Colon and Rectal Surgery.

Jonathan R. Snyder, MD, FACS, FASCRS

Associate Professor of Surgery

Dr. Snyder specializes in benign and malignant colorectal disease, providing surgical care for patients with abdominal colorectal disease as well as anorectal disease. He has a particular focus on minimally invasive abdominal surgery through laparoscopic and robotic approaches. He also places the Interstim device (sacral nerve stimulation) for the treatment of fecal incontinence in select patients. Dr. Snyder operates primarily at the West Chester Hospital, where he is the Department Director of Surgery. He is certified by the American Board of Surgery and the American Board of Colon and Rectal Surgery.

Earl V. “Tommy” Thompson, MD, FACS

Assistant Professor of Surgery

Dr. Thompson specializes in the treatment of all benign and malignant conditions of the colon, rectum, and anus, with a special interest in pelvic surgery. He is also Surgical Director of Anal Dysplasia Screening at UC Medical Center. Dr. Thompson practices at UC Medical Center and West Chester Hospital. He is certified by the American Board of Surgery and the American Board of Colon and Rectal Surgery.

Katelyn Riebesehl, DNP, CWON

Kate is a Nurse Practitioner with specialization in the care of wound, ostomy, and continence patients, particularly those who need assistance with bowel management. She is certified by the American Nurses Credentialing Center and the Wound, Ostomy, and Continence Nurses Society. Kate practices at West Chester Hospital and UC Medical center.

More information about the Division of Colon and Rectal Surgery can be viewed at med.uc.edu/depart/surgery.





Timothy A. Pritts, MD, PhD, FACS

Professor of Surgery
Chief, Division of General Surgery
Timothy.Pritts@uc.edu
513-558-8467

Our team specializes in the surgical management of a wide variety of disorders including the broad discipline of general surgery, swallowing disorders such as achalasia, gastroesophageal reflux disease (GERD), gastroparesis, and paraesophageal hernias; gallstones and gallbladder disease; abdominal wall hernias, inguinal hernias, and abdominal wall reconstruction; enterocutaneous fistula; diseases of the spleen; acute pancreatitis; diverticulitis and other colon conditions.

Our faculty surgeons offer expertise in minimally invasive gastrointestinal surgery as well as the full range of procedures for treatment of morbid obesity. In addition, robotic-assisted operations are performed for several gastrointestinal disorders. Patients are often referred to our practice by other surgeons for treatment of very complex conditions.

The Division of **General Surgery**

University of Cincinnati Medical Center General Surgery

UC Health surgeons are at the forefront of advancing state-of-the-art care for general surgery conditions. The team offers care of routine and complex general surgery and bariatric conditions as well as minimally invasive surgical approaches for gastrointestinal surgical disorders. Our surgeons performed more than 2,200 major elective and urgent general surgery operations during the past year.





Jonathan R. Thompson, MD, FACS

Associate Professor of Surgery
Medical Director of
Bariatric Surgery

West Chester Hospital General and Bariatric Surgery

Our Bariatric Surgery program, in partnership with the UC Health Weight Loss Center and TRIMS, the Transplant-Related Interdisciplinary Metabolic Surgery Program, now offers weight loss solutions at both the West Chester Hospital and the University of Cincinnati Medical Center campuses. The West Chester location is recognized for excellence by the Metabolic and Bariatric Surgery Accreditation and Quality Improvement Program (MBSAQIP), a joint program of the American College of Surgeons (ACS) and the American Society for Metabolic and Bariatric Surgery (ASMBS). Our surgeons have performed thousands of successful laparoscopic weight loss operations since its inception. Further information on our surgical weight loss program can be found by visiting <http://uchealth.com/weightloss>.

General surgery patients are seen at the UC Health Physicians Office Clifton and UC Health Physicians Office North in West Chester.



Aaron P. Seitz, MD, FACS

Assistant Professor of
Surgery
Director of WCH Trauma
and Acute Care Surgery

West Chester Hospital Trauma and Acute Care Surgery

UC Health Surgeons offer emergency care for trauma and general surgery patients at West Chester Hospital, bringing the highest level of surgical care to the Northern Cincinnati region.

The West Chester trauma center opened in 2014 and earned formal verification as a Level III trauma center from the American College of Surgeons Committee on Trauma in 2015. In conjunction with our partners in Emergency Medicine, more than 1500 trauma patients were cared for over the past year. The acute care surgery program at WCH continues to grow and provided care for more than 1,800 emergency surgery patients last year. Expert general and trauma surgeons are available for immediate consultation in the WCH emergency department, ICU, and inpatient floors at all times.



Jason J. Schrage, MD, FACS

Associate Professor
of Surgery
Director of UCMC
Acute Care Surgery

University of Cincinnati Medical Center Acute Care Surgery

The UCMC Acute Care Surgery team is focused on providing outstanding care to patients with general surgery emergencies including diverticulitis, intestinal obstruction or perforation, appendicitis, cholecystitis, pancreatitis, intestinal bleeding, incarcerated hernias, and necrotizing soft tissue infections. Our surgical team is immediately available to provide consultation and expert surgical care around the clock. We also provide tertiary and quaternary general surgery emergency care in consultation with referring surgeons from throughout the Tri-State region through our transfer referral center (**513-584-BEDS**).





Amy T. Makley, MD, FACS

Associate Professor
of Surgery

Director of UCMC
Trauma Surgery

Associate Director,
General Surgery Residency
Training Program



Lane L. Frasier, MD, FACS

Assistant Professor
of Surgery

Associate Trauma Medical
Director

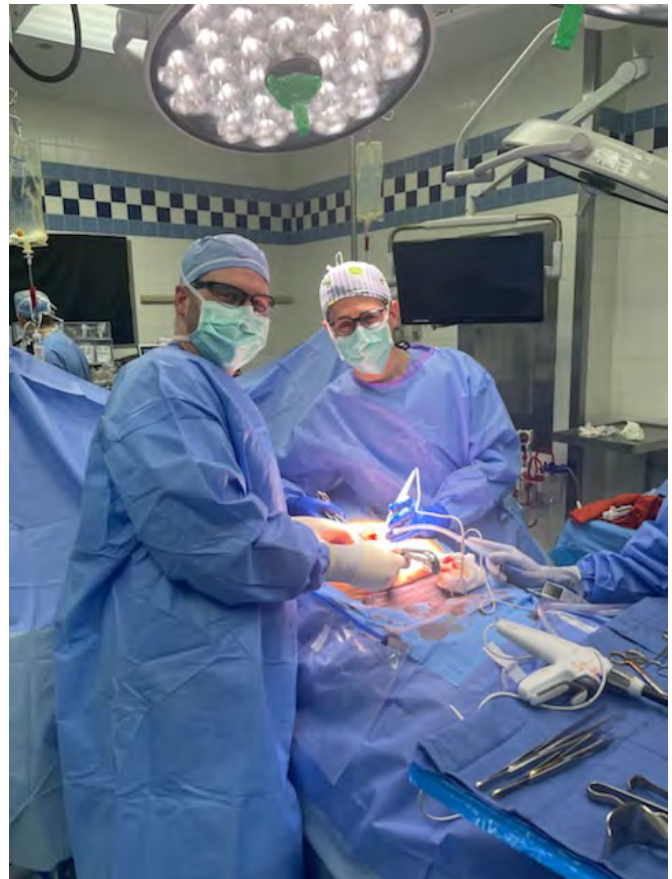
University of Cincinnati Medical Center Trauma Surgery

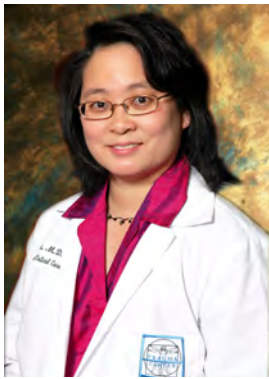
UC Medical Center (UCMC) serves as the Tri-State region's only ACS-verified adult Level I Trauma Center. Our trauma center has been in continuous operation for over 25 years and provides the highest level of care for injured patients for the region and beyond. During the past year, the trauma team was activated more than 5,400 times to evaluate and care for patients at UCMC. The highest level of trauma activation is a Trauma STAT. Upon arrival, critically injured Trauma STAT patients are met by the fully assembled trauma team, including physicians from emergency medicine and trauma surgery, specially trained shock resuscitation nurses, respiratory therapists, and physicians and nurses from the operating room and surgical intensive care unit. Immediate consultation is available from a full spectrum of experts including neurosurgeons, orthopedic surgeons, spine surgeons, neurointensivists, anesthesiologists, and facial trauma specialists.

The resuscitation and care of trauma patients is led by our trauma surgeons. We are also available at all times for trauma care consultation with referring providers from throughout the Tri-State region through our transfer referral center (**513-584-BEDS**). The UCMC trauma and emergency medicine team's excellence was recognized by the first-ever "Heroes in Action Award" by the Cincinnati Business Courier in 2019.

An important component of our Level I trauma center is community education and outreach. We provide ongoing trauma prevention programs in the areas of motor vehicle crashes, older adult falls, and gun violence prevention, as well as an active EMS education program including lectures and rounding. More information is available at <http://uchealth.com/trauma/injury-prevention/>.

In conjunction with the American College of Surgeons, the White House, DOD, the FBI, and FEMA, we are proud to offer Stop the Bleed courses for medical and nonmedical personnel in the Tri-State region. This is a national initiative to teach the public life-saving bleeding control techniques which can be used to aid individuals in a variety of situations. More information is available at <http://uchealth.com/trauma/injury-prevention/> and <http://www.bleedingcontrol.org/>.





Betty J. Tsuei, MD, FACS
 Professor of Surgery
 Director of UCMC
 Surgical Critical Care



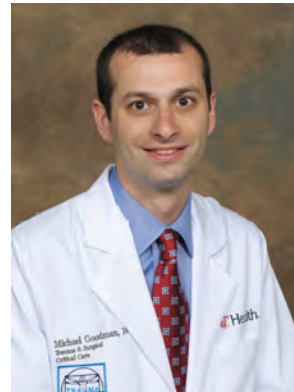
Krishna P. Athota, MD, FACS
 Associate Professor
 of Surgery
 Associate Director of
 UCMC Surgical Critical Care
 Director of Surgical Critical
 Care Fellowship

University of Cincinnati Medical Center Surgical Critical Care

The UCMC Surgical Intensive Care Unit cares for more than 2,000 patients yearly from all surgical specialties including trauma, general surgery, transplantation, surgical oncology, vascular surgery, urology, thoracic surgery, and obstetrics/gynecology. Daily multi-disciplinary rounds are highly collaborative in nature, with input and discussion from all team members including critical care nurses, respiratory therapists, critical care pharmacists, and resident physicians. Subspecialty services such as nephrology, infectious disease, rehabilitation medicine, cardiology, and hematology are available for consultative assistance. Additional clinical support services in the SICU include nutrition services, nurse educators, and a dedicated SICU social worker.

We offer advanced training in surgical critical care. Our one- or two-year ACGME accredited Surgical Critical Care Fellowship accepts two candidates yearly and provides training that encompasses all aspects of care of the critically ill surgical patient. Our fellowship emphasizes cardiopulmonary mechanics, principles of resuscitation, and mechanical ventilation. Our graduates have gone on to leadership positions in the areas of trauma and critical care throughout the country.

General Surgery and Trauma Research



Michael D. Goodman, MD, FACS
 Professor of Surgery
 Dario Rodriguez, Jr, Endowed
 Chair in Trauma Surgery
 Director, General Surgery
 Research
 Associate Director, General
 Surgery Residency Training
 Program

Our research programs focus on the concept that early intervention after injury leads to improved patient outcomes. Our extensive research portfolio includes projects in basic science, translational science, outcomes research, education and simulation, device design and implementation, and clinical trials. The division currently oversees more than 20 active extramural research grants, with funding from the NIH, DOD, and industry. We have strong collaborative ties with several key partners including emergency medicine, neurosurgery, the UC College of Pharmacy, Hoxworth Blood Center, the UC College of Engineering, Northwestern University, Case Western University, the University of Alabama at Birmingham, and the University of Virginia.

C-STARS Cincinnati



Valerie G. Sams, MD, FACS
 Associate Professor of Surgery
 Colonel, USAF MC
 Director, C-STARS Cincinnati

The division of general surgery and UC Health are proud to host one of six national military/civilian medical trauma training centers. UC Medical Center serves as the site of the United States Air Force Center for Sustainment of Trauma and Readiness Skills (CSTARS). Cincinnati CSTARS is host to the Critical Care Air Transport Team (CCATT) advanced validation center. The Cincinnati CSTARS CCATT advanced course is attended by members of the USAF's elite CCATT teams. These military medical personnel are responsible for the medical care and evacuation of the sickest casualties across the globe.

The USAF CSTARTS center serves as home base more than 30 active-duty Air Force military personnel who serve as instructors and support personnel for CCATT training. Five active-duty Air Force trauma surgeons participate as fully integrated partners of the section of general surgery as a part of their assigned duties at Cincinnati CSTARTS.

In May 2024, UC Medical Center and Cincinnati CSTARTS received the Henry M. Jackson Foundation for the Advancement of Military Medicine's Hero of Military Medicine Ambassador Award, which recognizes public-private partnerships that advance military medicine.

Faculty

Andrew Angus, MD

Assistant Professor of Surgery
Major, USAF MC CSTARTS Cincinnati

Dr. Angus specializes in general surgery, with special interests in general surgery, trauma surgery, and surgical critical care. He is certified in surgery by the American Board of Surgery.

Krishna P. Athota, MD, FACS

Associate Professor of Surgery
Associate Director, UCMC Surgical ICU
Program Director, Surgical Critical Care Fellowship
Associate Director, General Surgery Residency Training Program

Dr. Athota specializes in general and acute care surgery, with special interests in gallstones and biliary disease, complex GI surgery, hernia, and diverticular disease of the colon. He is certified in surgery by the American Board of Surgery, with Added Qualifications in Surgical Critical Care.

Richard D. Branson, RRT, MS, MBA

Professor of Surgery Emeritus
Director Emeritus, Clinical Research

Mr. Branson specializes in mechanical ventilation of the patient with acute respiratory distress syndrome (ARDS), mechanical ventilation during transport, humidification of inspired gases, and evaluation of new mechanical ventilator technology.

Jennifer S. Colvin, MD

Assistant Professor of Surgery
Associate Director, Medical Student Clerkship

Dr. Colvin specializes in minimally invasive gastrointestinal surgery. She has additional expertise and training in care of patients with GERD, paraesophageal hernias, gastroparesis, and bariatric surgery. Her primary practice sites are West Chester Hospital and UC Medical Center. She is certified in surgery by the American Board of Surgery.

Lane L. Frasier, MD

Assistant Professor of Surgery
Associate Trauma Medical Director

Dr. Frasier specializes in general and acute care surgery, with special interests in trauma surgery, surgical critical care, and team dynamics. She is certified in surgery by the American Board of Surgery.

Michael D. Goodman, MD, FACS

Professor of Surgery
Dario Rodriguez, Jr, Endowed Chair in Trauma Surgery
Director, General Surgery Research
Associate Director, General Surgery Residency Training Program

Dr. Goodman specializes in general and acute care surgery, with special interests in complex gastrointestinal surgery, enterocutaneous fistulas, and abdominal wall reconstruction. He is certified in surgery by the American Board of Surgery, with Added Qualifications in Surgical Critical Care.

Jana Hambley, MD

Assistant Professor of Surgery

Dr. Hambley specializes in general and acute care surgery, with special interests in trauma surgery and surgical critical care. She is certified in surgery by the American Board of Surgery with a certificate of added qualifications in Surgical Critical Care.

Christopher Horn, MD

Assistant Professor of Surgery
Major, USAF MC

Dr. Horn specializes in general surgery, trauma surgery, and military medical education. He is certified by the American Board of Surgery with Added Qualifications in Surgical Critical Care.



Bobby J. (BJ) Johnson, MD

Associate Professor of Surgery

Dr. Johnson specializes in minimally invasive bariatric and general surgery. His primary practice sites are UC Medical Center and West Chester Hospital. He is certified in surgery by the American Board of Surgery.

Amy T. Makley, MD, FACS

Associate Professor of Surgery

Director, UCMC Trauma Surgery

Associate Director, General Surgery Residency Training Program

Dr. Makley specializes in general surgery and acute care surgery, with special interests in diverticular disease of the colon, hernias, and ostomy closure. She is certified in surgery by the American Board of Surgery, with Added Qualifications in Surgical Critical Care.

Jay Nathwani, MD

Assistant Professor of Surgery

Dr. Nathwani specializes in general and acute care surgery, with special interests in trauma surgery and surgical critical care. He is certified in surgery by the American Board of Surgery.

Timothy A. Pritts, MD, PhD, FACS

Professor of Surgery

Chief, Division of General Surgery

Dr. Pritts specializes in general and acute care surgery, with special interests in gallbladder and biliary disease, hernia repair, and abdominal wall reconstruction. He is certified in surgery by the American Board of Surgery, with Added Qualifications in Surgical Critical Care.

Valerie G. Sams, MD, FACS

Associate Professor of Surgery

Colonel, USAF MC

Director, CSTARS-Cincinnati

Dr. Sams specializes in general surgery, trauma surgery, ECMO, and military medical education. She is certified by the American Board of Surgery with Added Qualifications in Surgical Critical Care. Dr. Sams is the director of CSTARS-Cincinnati.

Jason J. Schragger, MD, FACS

Associate Professor of Surgery

Director, UCMC Acute Care Surgery

Dr. Schragger specializes in general and acute care surgery, with special interests in gallbladder disease, ostomy closure, and abdominal wall reconstruction. He is certified in surgery by the American Board of Surgery, with Added Qualifications in Surgical Critical Care.

Aaron Seitz, MD, FACS

Assistant Professor of Surgery

Director, WCH Trauma and Acute Care Surgery

Dr. Seitz specializes in general and acute care surgery, with special interests in trauma surgery and surgical critical care. He is certified in surgery by the American Board of Surgery.

Richard J. Strilka, MD, FACS

Associate Professor of Surgery

Colonel, USAF MC

Dr. Strilka specializes in general surgery, trauma surgery, and military medical education. He is certified by the American Board of Surgery with Added Qualifications in Surgical Critical Care.

Jonathan R. Thompson, MD, FACS

Associate Professor of Surgery
Medical Director of Bariatric Surgery

Dr. Thompson specializes in general surgery, with special interest and expertise in bariatric surgery and advanced laparoscopy. He is certified by the American Board of Surgery and is a member of the American Society for Metabolic and Bariatric Surgery.

Betty J. Tsuei, MD, FACS, FCCM

Professor of Surgery
Director, UCMC Surgical Critical Care

Dr. Tsuei specializes in trauma and surgical critical care and the care of injured and critically ill adult patients, with interests in ARDS, sepsis, multi-system organ failure, ventilator mechanics, and surgical education. She is certified in general surgery by the American Board of Surgery, with Added Qualifications in Surgical Critical Care.

Christina P. Williams, MD

Associate Professor of Surgery

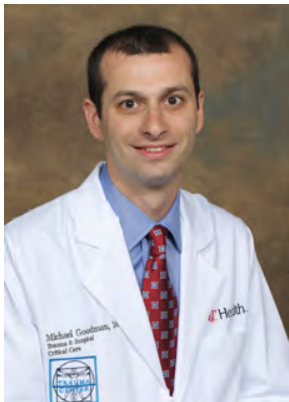
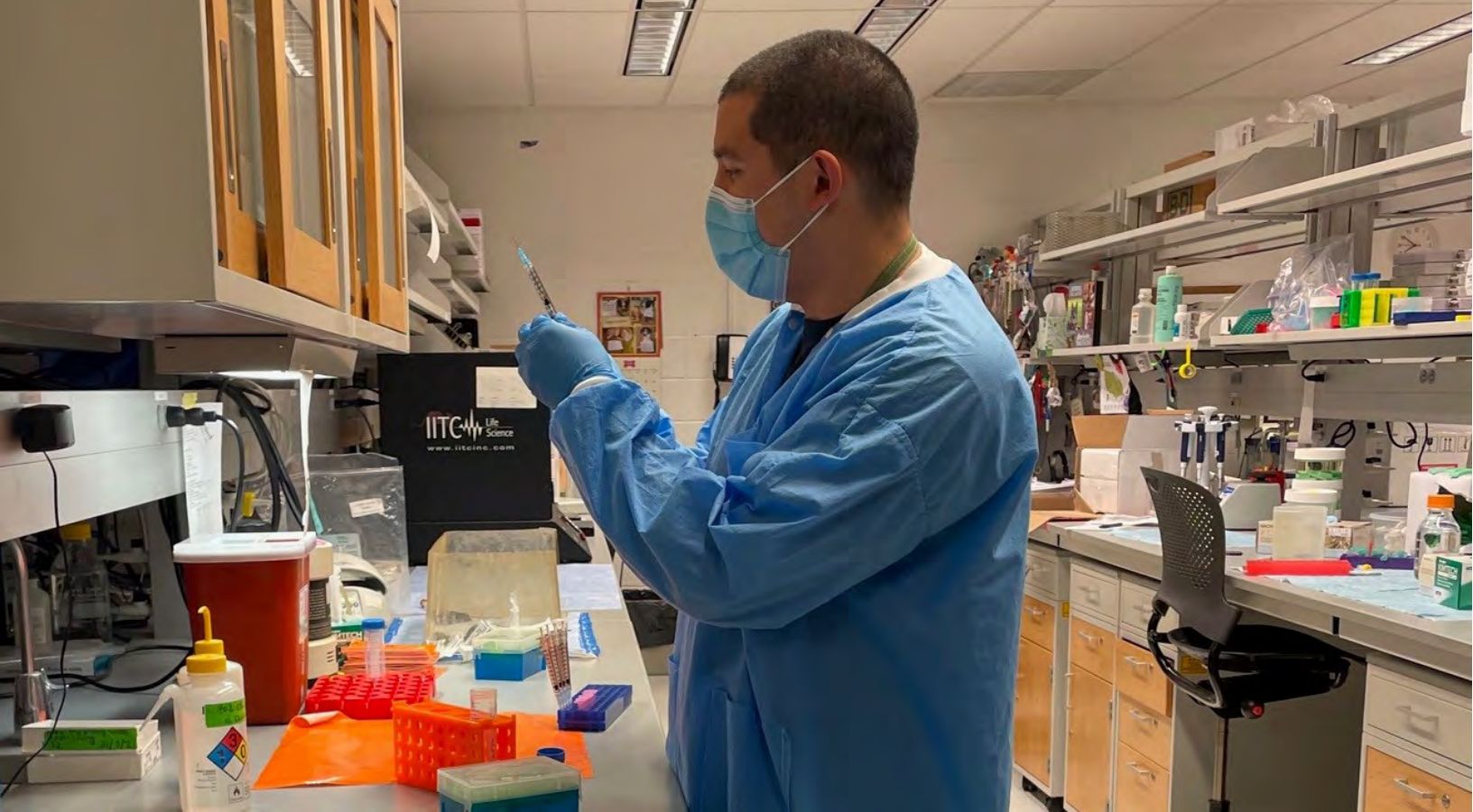
Dr. Williams specializes in general surgery, with special interest and expertise in critical care medicine, acute care surgery, and global surgery. She is certified in surgery by the American Board of Surgery.

Advanced Practice Providers

- Ashley Agnew, CNP
- Elizabeth Chavez, CNP
- Olivia Gordon, CNP
- Emily Kelly, CNP
- Amber Lanich, CNP
- Ashley Martin, CNP
- Lucille Nathwani, CNP
- Nicholas Rittle, PA-C
- Jessica Straus, CNP
- Sara Tompkins, CNP
- Caleb Von Lehman, CNP
- Shaleen Williams, CNP







Michael D. Goodman, MD, FACS

Professor of Surgery

Dario Rodriguez, Jr, Endowed
Chair in Trauma Surgery

Director, General Surgery
Research

Associate Director, General
Surgery Residency Training
Program

General Surgery Research

The Department of Surgery at the University of Cincinnati (UC) has a long and distinguished history of surgical research that is recognized nationally and internationally. Premier surgeon-scientists and postdoctoral researchers are drawn to the UC Department of Surgery to pursue innovative and exciting research in state-of-the-art laboratories, with a focus on applying the discoveries made in the laboratory directly to the bedside for the advancement of patient care. Clinical trials not available elsewhere are also offered for a variety of surgical diseases, giving hope to patients with critical illness who were once considered untreatable.

The research mission is to generate new knowledge of the scientific basis of surgically-related disease and to provide outstanding scientific training for the surgeons and surgeon-scientists of the future.

The primary objectives are: 1) to be on the cutting edge of surgical research; 2) to help develop new applications to clinical care; and 3) to provide outstanding research training for surgical residents and surgeon-scientists.

The Department of Surgery occupies 12,000 square feet of state-of-the-art research laboratories in the Surgical Research Unit, the Cardiovascular Center, and the Medical Sciences Building. Additional research space is utilized at the Cincinnati Children's Hospital.

One of the primary research strengths of the section is in the field of injury biology. Our multidisciplinary team investigates the molecular and cellular mechanisms by which insults such as trauma and infection can lead to multiple organ failure and death. This group is comprised of both basic scientists and surgeon-scientists, thereby providing a comprehensive approach to scientific problems that have clinical significance. These investigators have multiple federally-funded research projects, including molecular mechanisms of hemorrhagic shock and the impact of novel resuscitation strategies, coagulation after traumatic brain injury, and alterations in immune function leading to chronic critical illness. Additionally, the Surgical Research Unit houses the Surgical Immune Monitoring Laboratory. The mission of this laboratory is to provide comprehensive immune monitoring 1) to associate clinical outcomes with immune metrics and 2) for personalized testing of potential immune modulating therapies. Currently, the laboratory conducts immune monitoring with colleagues from General Surgery, Vascular Surgery, Oral and Maxillofacial Surgery, Surgical Oncology, and Burn Surgery.

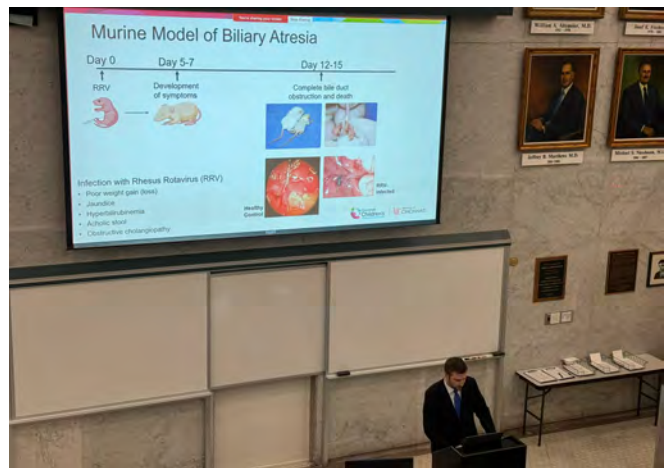
UC Institute for Military Medicine

Leveraging our unique expertise in injury biology, members of the division and their clinical colleagues in the division of trauma and critical care, as well as members of other UC departments, have partnered with various branches of the United States military to form the UC Institute for Military Medicine.

The mission of the Institute is to discover the scientific basis of severe injury and then utilize this knowledge in the care of combat casualties. Current research projects are centered on determining how combat-related traumatic injury can lead to changes at the cellular and molecular levels that contribute to increased rates of infection in multiple organ failure and death. These projects are funded by the Department of Defense, United States Air Force, Office of Naval Research, and the National Institutes of Health (NIH).

Research Training

An important part of the research mission of the Department of Surgery is the training of surgical residents and medical students from the UC College of Medicine, as well as visiting students and fellows from other national and international universities. Many of our surgical residents pursue a mentored 2-year research elective in the laboratory of one of our investigators or surgeon-scientists. These research fellowships are supported by a T32 training grant from the National Institutes of Health as well as by individual grants from the NIH and various prestigious surgical organizations including the American College of Surgeons, the Society of University Surgeons, the Shock Society, Surgical Infection Society, and others.



Surgical research conducted by surgical residents and other research fellows is highlighted by many platform and poster presentations at annual national meetings of the American College of Surgeons, the Association for Academic Surgery, the Society of University Surgeons, the Society for Surgical Oncology, the Society for Surgery of the Alimentary Tract, Shock Society, the American Heart Association, American Association for Cancer Research and the American Gastroenterology Association, among others, as well as numerous prestigious basic science conferences such as the Federation of American Societies of Experimental Biology.

Research within the department and related disciplines is showcased at the weekly Surgical Research conferences as well as at Surgical Grand Rounds.

Residents in the Laboratory 2023-2024

Ellen R. Becker, MD (Mentor: Michael Goodman, MD)

Aron P. Bercz, MD (Mentor: J. Joshua Smith, MD)

Michela M. Carter, MD (Mentor: Fizan Abdullah, MD)

Ryan C. Chae, MD (Mentor: Timothy Pritts, MD, PhD)

Stephen J. Hartman, MD (Mentor: Greg Tiao, MD)

Kevin Kulshrestha, MD (Mentor: David Morales MD)

Szu-Aun Long, MD (Mentor: Andrew Waters, PhD)

Catherine G. Pratt, MD (Mentor: R. Cutler Quillin, MD)

Adam D. Price, MD (Mentor: Michael Goodman, MD)

Alyssa E. Stetson, MD (Mentor: David Chang, MPH, PhD)

Lindsey J. Wattley, MD (Mentor: Timothy Pritts, MD, PhD)

Jenna N. Whitrock, MD (Mentor: Shimul Shah, MD)



2024 Resident Research Competition Awards

Department of Surgery Resident Research Awards for research presentations given at Surgical Grand Rounds on May 22, 2024.

Basic Science:

Finalists were:

1. Ryan C. Chae, MD
2. Stephen J. Hartman, MD
3. Szu-Aun Long, MD
4. Adam D. Price, MD

Winner: Adam D. Price, MD: "Direct red blood cell effect on thrombosis is dependent on the interaction of tissue factor and calcium with membrane phosphatidylserine."

Clinical Section:

Finalists were:

1. Aron P. Bercz, MD
2. Catherine G. Pratt, MD
3. Adam D. Price, MD
4. Jenna N. Whitrock, MD

Winner: Jenna N. Whitrock, MD: "Improving access to kidney transplantation: Development of a novel prediction tool using neighborhood-level deprivation at the time of referral."

Other Resident Research Awards and Presentations 2023-2024

Baucom MR, Price A, Whitrock J, Hanseman D, Pritts TA, Goodman M. Need for higher blood transfusion volume is associated with increased mortality in severe TBI. Oral Presentation, 2024 Annual Academic Surgical Congress, Washington, DC, February 2024.

Chae RC, Nguyen C, Archdeacon C, Sisak S, Price AD, Perez E, Schuster RH, Lentsch AB, Caldwell CC, Goodman MD, Pritts TA. Whole blood storage duration alters fibrinogen levels and clot formation. Oral presentation, Eastern Association for the Surgery of Trauma (EAST), Orlando, FL, January 2024.

Chae R, Price A, Baucom MR, Nguyen C, Schuster R, Lentsch AB, Caldwell CC, Goodman M, Pritts TA. Porcine packed red blood cells demonstrate a distinct storage lesion. Oral Presentation, Academic Surgical Congress, Washington, DC, February 2024.

Chae R, Sisak S, Nguyen C, Wattley L, Joseph B, England L, Schuster R, Lentsch A, Caldwell C, Goodman M, Pritts T. Age above all: The impact of storage duration in mice resuscitated with whole blood or packed red blood cells and plasma in a hemorrhagic shock model. Central Surgical Association, Louisville, KY, June 6-8, 2024. Dr. Ryan Chae won the 2024 Carol EH Scott-Connor Award for Best Resident Presentation.

Chae R, Nguyen C, Archdeacon C, Wattley L, Sisak S, Price A, Perez E, Schuster RH, Lentsch AB, Caldwell CC, Goodman MD, Pritts TA. Whole blood storage duration alters fibrinogen levels and thrombin formation. *Journal of Trauma and Acute Care Surgery*, 2024 Jul 1;97(1):39-47. PMID: 38531825. "Editor's Choice, Best of Basic Science."

Dr. Stephen Hartman received the 2023 American Association for the Study of Liver Diseases (AASLD) Foundation Abstract Award for Liver Transplant and/or Hepatobiliary Surgery.

Nguyen CQ, Chae R, Archdeacon C, Price A, Perez E, Schuster R, Lentsch A, Caldwell CC, Goodman MD, Pritts TA. Amitriptyline attenuates the red blood cell storage lesion in whole blood. Oral Presentation, Academic Surgical Congress, Washington, DC, February 2024.

Dr. Catherine Pratt was awarded a Steve Sotsky Award from Americas Hepato-Pancreato-Biliary Association. This award recognizes outstanding work in hepato-pancreato-biliary surgical research by a trainee.

Dr. Adam Price won the Basic Science Award in the Resident Paper Competition at the 2024 Eastern Association for the Surgery of Trauma (EAST) Annual Scientific Assembly. Dr. Price also won second place in the National ACS Committee on Trauma paper competition after previously winning first place in the ACS Ohio and Region V Committee on Trauma competitions.

Price AD, Wallen T, Baucom MR, Chae RC, Schuster RH, England L, Pritts TA, Goodman MD. The direct RBC effect on thrombosis is affected by tissue factor and phosphatidylserine. Oral presentation, EAST, Orlando, FL, January 2024.

Price AD, Baucom MR, Becker ER, Archdeacon CM, Caskey C, Schuster RM, Blakeman TC, Strilka R, Pritts TA, Goodman MD. Hypobaric during aeromedical evacuation increases systemic inflammation following porcine TBI. Oral Presentation, Academic Surgical Congress, Washington, DC, February 2024.

Price AD, Baucom MD, Becker ER, Schuster R, England L, Pritts TA, Goodman MD. Oxygenation extremes induce inflammatory changes. Oral Presentation, Academic Surgical Congress, Washington, D.C., February 2024.

Price AD, Becker ER, Baucom MD, Schuster RM, England L, Pritts TA, Goodman MD. Multi-modal VTE prophylaxis aids in risk reduction following splenectomy in female and male mice. Oral Presentation, Academic Surgical Congress, Washington, DC, February 2024.

Wattley LJ, Price AD, Joos E, Makley AT, Pritts TA, Goodman MD. Registrar utilization variability based on trauma center-level specific factors. Oral Presentation, Academic Surgical Congress, Washington, DC, February 2024.

Wattley LJ, Chae R, Nguyen C, Perez E, Schuster R, Lentsch AB, Caldwell CC, Goodman MD, Pritts TA. Amitriptyline decreased mouse lung endothelium inflammatory response to RBC derived microparticles. Oral Presentation, Academic Surgical Congress, Washington, DC, February 2024.

Dr. Lindsey Wattley won the resident research competition at the Ohio Chapter of ACS in Toledo on May 11, 2024.

Full-Time Research Faculty

Alex B. Lentsch, PhD

Professor

BS – Biological Sciences, Northern Kentucky University

PhD – Physiology and Biophysics, University of Louisville

Postdoctoral Training – Immunopathology, University of Michigan

Research Interests – Inflammation, ischemia/reperfusion injury, hemorrhagic shock, sepsis

Charles C. Caldwell, PhD

Professor

BA – Chemistry, University of California, San Diego

PhD – Biochemistry, San Diego State University Postdoctoral Training – Immunology, Laboratory of Immunology, NIAID, NIH

Research Interests – Host immune response to sepsis and trauma injury

Michael D. Goodman, MD

Professor

BS – Biology, Duke University

MD – University of Cincinnati

Fellowship – University of Texas Health Science Center

Research Interests – Traumatic brain injury, shock, hemorrhage and endotheliopathy

Erich Gulbins, MD, PhD

Professor

Chair and Director, Department of Molecular Biology, University of Essen, Germany

MD and PhD – University of Heidelberg, Heidelberg, Germany

Postdoctoral Training – Immunology, La Jolla Institute of Allergy and Immunology

Research Interests – Sphingolipids in surgical pathology

Sameer H. Patel, MD

Associate Professor

BS – Emory University

MD – Emory University

Fellowship – UT MD Anderson Cancer Center

Research Interests – Pancreas, hepatobiliary, gastrointestinal, and soft tissue malignancies

Timothy A. Pritts, MD, PhD

Professor

BS – Illinois Wesleyan University

MD – Northwestern University

PhD – University of Cincinnati

Research Interests – Storage of the red blood cell lesion, resuscitation, and inflammatory response to hemorrhage

Gregory C. Wilson, MD

Assistant Professor

BS – University of Dayton

MD – University of Louisville

Fellowship – University of Pittsburgh

Research Interests – Pancreatic cancer

Additional information on the Division of General Surgery can be viewed at med.uc.edu/depart/surgery.





**Deepak G. Krishnan, DDS,
FACS**

Professor of Clinical Surgery
Chief, Division of Oral and
Maxillofacial Surgery
deepak.krishnan@uc.edu

513-584-2586

The Division of Oral and Maxillofacial Surgery

The Division of Oral and Maxillofacial Surgery is a center for evaluation, diagnosis, prevention and treatment of diseases, disorders and conditions of the oral cavity, maxillofacial area, and the adjacent and associated structures. Of late, the demands from the community have encouraged the division to provide oral healthcare beyond surgical services.

Through UC Health, the division offers services that include correction of dental facial deformities, treatment of maxillofacial pathology, as well as comprehensive care for maxillofacial trauma victims. The division's practice at the UC Health Physicians Office in Clifton, Rookwood, West Chester and UC Health Holmes Hospital treats patients with dental facial deformities, trauma, dental implant needs, reconstructive jaw surgery, temporomandibular joint (TMJ) surgery, impacted teeth, and head and neck tumors. Pediatric maxillofacial surgical services are provided through Cincinnati Children's hospital. The service also treats patients at the Veterans Affairs Medical Center in Cincinnati.

The division has expanded their services to include the management of oro-facial pain, non-surgical management of TMJ disorders, dental devices for sleep apnea, maxillofacial prosthodontics and anaplastology, and oral and maxillofacial pathology.

To increase the footprint of UC oral and maxillofacial surgery in our community, our surgeons have recently started seeing patients in our new Rookwood location in the Norwood/Hyde Park area.

All locations contain surgical suites equipped with ambulatory anesthesia services and the latest in-office digital imaging capabilities.

History of the OMS Residency Training Program

The Division of Oral & Maxillofacial Surgery residency program has been in existence since 1913-14. John R. Callahan (1853–1918), who was a pioneer in the field of dentistry and particularly dental research in the late 19th and early 20th centuries, is credited with the founding of the program.



The training program first gained accreditation in 1957 by the Commission on Dental Accreditation (CODA) of the American Dental Association (ADA). Our program is the leading source for Oral & Maxillofacial education and patient care in the greater Cincinnati area.

Research

We are currently engaged in studying the following clinical and social impact areas:

- cost burden of managing facial trauma to our community
- 3D planning and printing for personalized maxillofacial surgery
- long-term outcomes for patients receiving full mouth extractions
- bicarbonate buffered lidocaine in the presence of odontogenic infections
- dental implant effectiveness trials across a large oral surgery practice management organization
- AI modeling for treatment regimen prediction for odontogenic infections
- incidence of pediatric salivary tumors
- weight loss in patients after orthognathic surgery
- MRONJ incidence trend analysis
- rates of recurrence of keratocystic odontogenic tumors after treatment with 5-fluoruracil complications associated with non-invasive positive airway pressure use

Grants

AY23-24 Collaborative Research Advancement: Pilot Grant Awardee – Andres Flores, MS, DDS.

Resident Education in Oral Implant Reconstruction. Funding agency: Nobel BioCare. Amount: \$70,000. Period: July 2022 - ongoing.

Recent Publications

Oral and Maxillofacial Surgery faculty and residents had several publications during the past year including these peer-reviewed journal articles:

Flores-Hidalgo A, Phero J, Steward-Tharp S, Williamson M, Paquette D, Krishnan D, Padilla R. Immunophenotypic and gene expression analyses of the inflammatory micro-environment in high-grade oral epithelial dysplasia and oral lichen planus. *Head Neck Pathol.* 2024 Mar 8;18(1):17. PMID: 38456941

Gatts J, Chandra S, Krishnan D, Ricci K. Medical management of nonmalignant vascular tumors of the head and neck: Part 1. Review. *Oral Maxillofac Surg Clin North Am.* 2024 Feb;36(1):103-113. PMID: 37875385

Hong J, Triana RR, Ferdous Khan T, Tewari A, Yin B, Krishnan DG. Do patients with mental illness undergoing office-based sedation require an increased propofol dosage? *J Oral Maxillofac Surg.* 2024 Jul;82(7):748-755. PMID: 38643968

Krishnan DG. Blend, don't balance. *Oral Surg Oral Med Oral Pathol Oral Radiol.* 2023 Oct;136(4):395-396. PMID: 37573179

Krishnan DG. Preserving legacies in the digital age. *J Oral Maxillofac Surg.* 2023 Dec;81:1451-1452. PMID: 38044009

Krishnan DG, Schnitzer MA, Adlesic EC, Bui TG, Trowbridge TA, Schultz JD, Weber C, Harper JL. Proceedings of the Third American Association of Oral and Maxillofacial Surgeons Anesthesia Patient Safety Conference. *J Oral Maxillofac Surg.* 2023 Nov;81:1330-1335. PMID: 37640236

Nayak K, Krishnan D. Things we lost in the fire: A conversation "A Tale of Two Extremities". *J Maxillofac Oral Surg.* 2023 Dec;22(4):747-748. PMID: 38105813

Rabinowitz Y, Williams S, Triana RR, Khan MTF, Hooker KJ, Dubey A, Tewari A, Holmes E, Phero JA. Assessing the efficacy of buffered versus nonbuffered lidocaine in dental extractions: A double-blinded randomized controlled trial. *J Oral Maxillofac Surg.* 2024 Jun;82(6):684-691. PMID: 38554734

Wiemer SJ, Mediratta JK, Triana RR, Card J, Rallis D, Rieck KL, Holmes E, Krishnan DG. What Is the incidence of anesthesia-related adverse events in oral and maxillofacial surgery offices? A review of 61,237 sedation cases from a large private practice consortium. *J Oral Maxillofac Surg.* 2024 Aug;82(8):895-901. PMID: 38750658

ABSTRACTS

Andres Flores, DDS, MS: "RNA-Sequencing of the Micro-environment of Oral Potentially Malignant Disorders." Presented at American Academy of Oral and Maxillofacial Pathology (AAOMP).

CLINICAL TRIALS

- 3D planning and printing for personalized maxillofacial surgery



Faculty

Deepak G. Krishnan, DDS, FACS

Professor of Clinical Surgery

Chief, Division of Oral and Maxillofacial Surgery

Director, Residency Program in Oral and Maxillofacial Surgery

Dr. Krishnan specializes in surgical correction of facial deformities, surgery of temporomandibular joint, facial trauma, pediatric maxillofacial surgery, oral and maxillofacial implantology, benign maxillofacial pathology and reconstructive surgery. He is certified by the American Board of Oral and Maxillofacial Surgery and is a Fellow of the American College of Surgeons. Dr. Krishnan serves in several prominent roles in multiple national and international professional organizations including as one of the directors of the American Board of Oral and Maxillofacial Surgery.

Michael J. Grau, Jr., DMD

Affiliate Associate Professor of Clinical Surgery at the VA Medical Center

Dr. Grau, a Cincinnati native, received his advanced training in OMS at the University of Cincinnati. He practices a broad scope of OMS with a special interest in implantology, trauma and reconstruction. Dr. Grau is certified by the American Board of Oral and Maxillofacial Surgery. He recently stepped down as the program director for the residency program and has moved to the VAMC as an affiliate with the division.

Jimmie Harper, DDS, MS

Assistant Professor of Clinical Surgery

Dr. Harper received his dental degree from the Ohio State University School of Dentistry. Upon graduation, he served in the United States Air Force as a restorative dentist for three years. He returned to the Ohio State University in 1982 to train in Oral & Maxillofacial Surgery and completed his training in 1986. While at Ohio State, Dr. Harper was involved in research and completed the requirements for his Master of Science degree. During his chief year of residency, Dr. Harper received USAF sponsorship and upon graduation, he returned to active duty, serving as base Oral & Maxillofacial Surgeon at Carswell AFB in Ft. Worth, TX. Dr. Harper returned to Ohio in 1989 to join Cincinnati Oral & Maxillofacial Surgery, Inc.

Andres Flores Hidalgo, MS, DDS

Clinical Instructor - Oral and Maxillofacial Pathology

Dr. Flores is the latest member of the OMS team. He obtained his dental degree from the Central University of Venezuela, where he then pursued residency training in Oral Surgery from Case Western Reserve University School of Dental Medicine, followed by a fellowship in Molecular Pathology and Cytogenetics and Oral and Maxillofacial Pathology from University of North Carolina Chapel Hill. His services will be utilized in OMS, ENT, and Pathology.

Hether Khosa, DDS

Assistant Professor

Dr. Khosa joined our faculty following her training at University of Maryland's Oral and Maxillofacial Surgery residency program and the Adams Cowley Shock Trauma Center. She has a particular interest in management of facial trauma and brings skills such as TMJ arthroscopy and complex dental implant surgery. Dr. Khosa is a diplomate of the American Board of Oral and Maxillofacial Surgery.

Mi Young Kim, DMD, CDT

Clinical Instructor – Oral and Maxillofacial Prosthodontics and Anaplastology

Dr. Kim obtained her dental degree from the University of Alabama at Birmingham, where she then pursued residency training in Prosthodontics followed by a fellowship in Maxillofacial Prosthodontics. Her services will be utilized in OMS, ENT, and Plastic Surgery to help rehabilitate patients following trauma and resections for head and neck pathology with prosthetic facial features and teeth.

Dave Morrison, DMD

Associate Professor

Dr. Morrison, a Cincinnati native, is a recent addition to UC Oral and Maxillofacial Surgery. He received his Doctorate of Dental Medicine from the University of Kentucky. Dr. Morrison received his advanced training in OMS at the University of Texas Southwestern Medical Center. He obtained board certification by the American Board of Oral and Maxillofacial Surgery in 1996. Currently Dr. Morrison is the Vice President of the American Association of Oral and Maxillofacial Surgeons.

James A. Phero, Jr., DDS, MD

Assistant Professor

A Cincinnati native, Dr. Phero returns home after spending the last 10 years in Chapel Hill, North Carolina, where he attended Dental and Medical Schools at the University of North Carolina, Chapel Hill, and obtained his OMS training focused on orthognathic surgery, TMJ surgery and management of benign maxillofacial pathology. Dr. Phero is a diplomate of the American Board of Oral and Maxillofacial Surgery.

Gary S. Robins, DMD

Volunteer Assistant Professor of Surgery

Dr. Robins is a highly accomplished provider in the diagnosis and management of orofacial pain, temporomandibular disorders (TMD) and dental sleep medicine. He has been affiliated with the department since 1981. Dr. Robins also has appointments with the Headache and Facial Pain Program within the UC Neuroscience Institute. Dr. Robins' practice is limited to the management of patients who have orofacial pain and TMD, but he also works with Sleep Physicians (since 1996) who diagnose obstructive sleep apnea and has made over 1,000 oral sleep appliances since that time for patients who have difficulty with or do not want to use a CPAP (continuous positive airway pressure) machine.

Jue Wang, DDS, PhD

Affiliate Assistant Professor – Orthodontics

Dr. Wang is a craniofacial orthodontist based at CCHMC. She treats children and young adults who need braces, including those who need jaw surgery, and those with cleft lip and palate or craniofacial syndromes. She is well published and clinically active, but always finds time to partake in resident education and leads the monthly orthognathic surgery case conference for the division.

Alexa Allen, CNP

Nurse Practitioner

Ms. Allen was first an RN in OMS and subsequently serves as the division's nurse practitioner. Alexa maintains a busy practice of outpatient surgical consults and inpatient post-surgical education following major surgery.

Volunteer Faculty:

Krishnamurthy Bonanthaya, MBBS, MDS, FDSRCS, FFDRCS

Randall Stastny, DMD

Emeriti Faculty:

Robert Horton, DDS

Robert D. Marciani, DMD

Additional information on the Division of Oral and Maxillofacial Surgery can be viewed at med.uc.edu/depart/surgery.



Daniel von Allmen, MD
 Professor of Surgery and Pediatrics
 Surgeon-in-Chief, Children's Hospital Medical Center
 Daniel.Vonallmen@cchmc.org
 513-636-4371



Gregory M. Tiao, MD
 Professor of Surgery
 Frederick C. Ryckman Chair of Pediatric Surgery
 Chief, Affiliate Division of Pediatric Surgery
 Surgical Director, Pediatric Liver Transplantation
 Director, Pediatric Surgery Residency Program
 Greg.Tiao@cchmc.org
 513-636-4371

The Affiliate Division of Pediatric Surgery

The University of Cincinnati affiliate division of pediatric surgery offers innovative treatment for childhood and adolescent injuries and diseases, including bariatric surgery, chest wall deformities, colorectal surgery, complex esophageal procedures, in-utero fetal procedures, solid organ and small-bowel transplants and total pancreatectomy and islet auto-transplantation. Faculty in the affiliate division of pediatric surgery see patients at the Cincinnati Children's Hospital Medical Center (CCHMC), a nationally and internationally recognized leader in the treatment and research of pediatric and adolescent diseases. The institution draws patients from all 50 states and over 40 countries each year and is the only Level I pediatric trauma center in southwestern Ohio, northern Kentucky, and southeastern Indiana.

Minimally invasive surgery is routinely performed and includes procedures for congenital anomalies, Hirschsprung's disease, imperforate anus, inflammatory bowel disease, anti-reflux surgery, and lung resections.

The CCHMC colorectal program was one of the first centers established in the country focused on pediatric colorectal disease attracting national and international referrals. With a focus on imperforate anus, inflammatory bowel disease and motility disorders along with bowel management, they remain one of the busiest programs in the country.

The CCHMC Fetal program recently established a maternal delivery unit at CCHMC, making it one of the few programs in the country with this service line in a freestanding children's hospital. The in-utero procedures offered include fetoscopic tracheal occlusion, myelomeningocele repair, EXIT procedures, and lung and tumor resections.

The CCHMC Solid Organ Transplant program is recognized as one of the premier pediatric liver and kidney transplant programs in the world, having transplanted over 750 and 700 liver and kidney transplant recipients, respectively. The Pancreas Care center, a collaborative program with the division of Hepatology and Gastroenterology, provides comprehensive evaluation for patients with pancreatitis and offers the total pancreatectomy islet autotransplant procedure.

The CCHMC Comprehensive Weight Management Program provides clinical evaluation of significantly overweight children, emphasizing behavioral approaches to modify eating habits and physical activities. The Bariatric Surgery Center provides minimally invasive and open surgical options to achieve weight loss in severely obese adolescents who have been unsuccessful with other approaches.

The CCHMC Chest Wall Deformity Center of Cincinnati provides clinical evaluation of children and adults, as well as minimally invasive surgery (Nuss procedure) for pectus excavatum patients. Cincinnati Children's Hospital is one of the leading hospitals in the country to offer a nonsurgical method to correct pectus carinatum.

The affiliate division of pediatric surgery continues to draw research funding from both intramural and extramural agencies. Several state and local grants fund injury prevention and trauma research programs. The annual extramural research funding for the division exceeds \$2 million per year, with six investigators receiving NIH funding.

These unique capabilities have made the Pediatric Surgery Residency Training Program one of the top programs in North America for pediatric surgeons.



Faculty

Daniel von Allmen, MD, FACS

Professor of Surgery and Pediatrics

Lester Martin Chair of Pediatric Surgery

Surgeon-in-Chief, Cincinnati Children's Hospital Medical Center

Dr. von Allmen specializes in pediatric surgical oncology, pediatric inflammatory bowel disease, surgical innovation, surgical robotics, and quality improvement. He is certified by the American Board of Surgery, with Added Qualifications in Pediatric Surgery.

Gregory M. Tiao, MD, FACS

Professor of Surgery

Frederick C. Ryckman Chair of Pediatric Surgery

Division Director, Pediatric General & Thoracic Surgery

Surgical Director, Pediatric Liver and Intestine Transplantation Program

Associate Director, Pediatric Surgery Fellowship

Dr. Tiao specializes in liver, kidney and small bowel transplantation, hepatic-based malignancies, hepatobiliary disease with a focus on biliary atresia, and neonatal surgery. His NIH-funded laboratory investigates the mechanisms of biliary atresia formation. He is certified by the American Board of Surgery, with Added Qualifications in Pediatric Surgery and the American Society of Transplant Surgery.

Alex Bondoc, MD

Associate Professor of Surgery

Surgical Director, Pediatric Renal Transplantation Program

Dr. Bondoc specializes in liver, kidney and small bowel transplantation, hepatobiliary surgery, and minimally invasive surgery. His research effort is focused on the pathophysiology of hepatoblastoma. He is certified by the American Board of Surgery, with Added Qualifications in Pediatric Surgery and the American Society of Transplant Surgery.

Rebecca L. Brown, MD

Professor of Surgery and Pediatrics

Associate Director, Pediatric Trauma Service

Dr. Brown specializes in general pediatric surgery, trauma, injury prevention, chest wall deformities and minimally invasive surgery. She is certified by the American Board of Surgery, with Added Qualifications in Pediatric Surgery.

A. Roshni Dasgupta, MD

Professor of Surgery

Associate Division Director, Pediatric & Thoracic Surgery

Surgical Director, Vascular Malformations Center

Director, Vascular Malformations and Oncology Sub-specialty Fellowship

Dr. Dasgupta specializes in pediatric surgical oncology, hemangiomas and vascular malformations, and NSQIP quality improvement. She is certified by the American Board of Surgery, with Added Qualifications in Pediatric Surgery.

Suzanne E. Evans, MD

Assistant Professor of Surgery

Dr. Evans specializes in liver, kidney, and intestinal transplant surgery. She is certified by the American Board of Surgery, with Added Qualifications in the American Society of Transplant Surgery.

Richard A. Falcone, Jr., MD

Professor of Surgery

Chief of Staff, CCHMC

Dr. Falcone specializes in pediatric trauma, colorectal disorders, inflammatory bowel disease, and minimally invasive surgery including laparoscopy, ECMO, neonatal surgery, and surgical oncology. His research interests include health disparities in pediatric injury, trauma education through simulation, anorectal malformations, and injury prevention. He is certified by the American Board of Surgery, with Added Qualifications in Pediatric Surgery.



Jason S. Frischer, MD

Professor of Surgery and Pediatrics

Associate Division Director, Pediatric & Thoracic Surgery

Director, Colorectal Center

Director, Colorectal Subspecialty Fellowship

Director, Extracorporeal Membrane Oxygenation (ECMO) Program

Dr. Frischer specializes in congenital anorectal malformations, minimally invasive surgery, inflammatory bowel disease, and neonatal critical care. He is certified by the American Board of Surgery, with Added Qualifications in Pediatric Surgery.

Laura A. Galganski, MD

Assistant Professor of Surgery

Dr. Galganski specializes in fetal and neonatal surgery. She is certified by the American Board of Surgery, with Added Qualifications in Pediatric Surgery.

Victor F. Garcia, MD, FACS

Professor of Surgery and Pediatrics

Director Chest Wall Deformities Center

Founding Director, Pediatric Trauma Services

Dr. Garcia specializes in pediatric trauma, injury prevention, chest wall deformity, minimally invasive surgery, surgical weight loss, and minority health care. He is certified by the American Board of Surgery, with Added Qualifications in Pediatric Surgery and Surgical Critical Care.

Aaron P. Garrison, MD

Associate Professor of Surgery

Director, Pediatric Surgery Fellowship

Surgical Director, Burnet Campus

Dr. Garrison specializes in pediatric colorectal and esophageal surgery. He is certified by the American Board of Surgery, with Added Qualifications in Pediatric Surgery.

Juan Gurria, MD

Assistant Professor of Surgery

Director, Surgical Critical Care

Director, Surgical Critical Care Fellowship

Dr. Gurria specializes in pediatric trauma, chest wall deformities, pancreatic disease, and general pediatric surgery. He also has a special focus in critical care and clinical outcomes research. He is certified by the American Board of Surgery.

Michael A. Helmrath, MD, FACS

Professor of Surgery
Richard and GERALYN AZIZKHAN Chair of Pediatric Surgery
Director of Surgical Research
Surgical Director, Intestinal Rehabilitation Center
Director, Center for Stem Cell & Organoid Medicine (CuSTOM)

Dr. Helmrath specializes in short bowel syndrome. His primary research interests are in intestinal stem cells and organoids with a clinical research effort focused on morbid obesity. He has multiple grants from the NIH and leads the CUSTOM effort at CCHMC in which organoids based translational research is being converted into direct patient care. He is certified by the American Board of Surgery, with Added Qualifications in Pediatric Surgery.

Meera Kotagal, MD

Assistant Professor of Surgery
Director, Trauma Services
Director, Pediatric Surgery Global Health Program
Director, Pediatric Surgery International Fellowship
Surgical Equity Director, Michael Fisher Center for Child Health Equity

Dr. Kotagal specializes in pediatric surgical oncology and neonatal surgery. Her research focus is global health and she has established a global outreach effort in Uganda. Additionally, she is conducting research on trauma outcomes within the local pediatric population. She is certified by the American Board of Surgery with Added Qualifications in Pediatric Surgery.

Foong-Yen Lim, MD

Professor of Surgery
Surgical Director, Fetal Care Center of Cincinnati
Director, Fetal Surgery Subspecialty Fellowship

Dr. Lim specializes in fetal and neonatal surgery, lung malformations, diaphragmatic hernia, neonatal tumors, minimally invasive surgery, and ECMO. He is certified by the American Board of Surgery, with Added Qualifications in Pediatric Surgery.

Jonathan Merola, MD, PhD

Assistant Professor of Surgery
Dr. Merola specializes in liver, kidney, and intestinal transplant surgery. He is conducting research focused on hepatocyte transplant and modifying organs to make them last longer and less prone to rejection. He is certified by the American Board of Surgery, with Added Qualifications from the American Society of Transplant Surgery.

Jose L. Peiro, MD

Professor of Surgery
Cincinnati Fetal Center Director – Endoscopic Fetal Surgery

Dr. Peiro specializes in fetal surgical procedures including the treatment of myelomeningocele and diaphragmatic hernia. He has developed innovative minimally invasive fetal procedures and directs a laboratory effort examining fetal neural and pulmonary development, as well as new potential fetal therapies. His R01 focuses on the development of a smart patch for *in utero* treatment of myelomeningocele.



Dr. Meera Kotagal and pediatric surgical team at Cincinnati Children’s Hospital repair broken humerus of 11-year-old gorilla Gladys of the Cincinnati Zoo & Botanical Garden.

Todd Ponsky, MD

Professor of Surgery

Dr. Ponsky specializes in minimally invasive surgery, surgical innovation, and quality improvement. He is a pioneer in education, establishing the Globalcast Education Enterprise, an internet-based platform to advance the care of children around the world. He is certified by the American Board of Surgery, with Added Qualifications in Pediatric Surgery.

Nelson G. Rosen, MD

Professor of Surgery

Associate Director, Colorectal Center

Dr. Rosen specializes in congenital anorectal malformations, inflammatory bowel disease, neonatal critical care, and minimally invasive surgery. He is certified by the American Board of Surgery, with Added Qualifications in Pediatric Surgery.

Beth Rymeski, DO

Associate Professor of Surgery

Surgical Director, NICU Colorectal Center for Children

Associate Surgical Director, Fetal Care Center

Dr. Rymeski specializes in fetal and colorectal surgery. She is currently conducting research on treatment algorithms for both ovarian neoplasms and pilonidal cysts. She is certified by the American Board of Surgery, with Added Qualifications in Pediatric Surgery.

Soona Shin, PhD

Associate Professor of Surgery

Dr. Shin specializes in liver cancer and liver stem cell research. She was awarded an R37 grant from the NIH focused on progenitor cells and the development of HCC.

Nikolai Timchenko, PhD

Professor of Surgery

Leader of Liver Tumor Program

Dr. Timchenko specializes in liver biology. His work investigates mechanisms of liver cancer, liver proliferation after surgical resections, and non-alcoholic fatty liver disease.

Paul Wales, MD

Professor of Surgery

Zeigler Chair of Pediatric Surgery

Surgical Co-Director, Intestinal Rehabilitation Center

Dr. Wales specializes in intestinal rehabilitation. His primary research interests are in short gut syndrome and the rehabilitation from intestinal loss. He partners with Dr. Helmuth in the translational clinical research effort by which intestinal organoids are applied to disease processes. He is certified by the Royal College of Physicians and Surgeons of Canada, with Added Qualifications in Pediatric Surgery.

Ashley E. Walther, MD

Assistant Professor of Surgery

Surgical Lead, Aerodigestive and Esophageal Center

Co-Director, Center for Bariatric Surgery

Dr. Walther specializes in bariatric, aerodigestive, and esophageal surgery. She is certified by the American Board of Surgery, with Added Qualifications in Pediatric Surgery.

Additional information on the affiliate Division of Pediatric Surgery can be viewed at med.uc.edu/depart/surgery.





UNIVERSITY OF CINCINNATI
DEPARTMENT OF SURGERY

SPRING FLING!

MAY 21, 2024
4:00 - 6:00 PM
ALLIED HEALTH SCIENCES ATRIUM
3225 EDEN AVE. | CINCINNATI OH 45267

Nibbles, Cocktails & Conversation





Sonu A. Jain, MD

Professor of Surgery
 Chief, Division of Plastic,
 Reconstructive and Hand
 Surgery/Burn Surgery

Sonu.Jain@uc.edu
 513-558-4363

**Cincinnati Children’s Hospital
 Medical Center**

The world-renowned group at Cincinnati Children’s Hospital includes a dynamic basic and translational research group. Ongoing work on bone engineering from adipose-derived stem cells and on minimally invasive craniofacial surgery has been presented at both national and international plastic surgery meetings.

Faculty:

Brian S. Pan, MD

Associate Professor of Surgery
 Division Chief, Cincinnati Children’s Hospital Medical Center

Dr. Pan’s practice focuses on craniofacial pediatric plastic surgery. He is certified by the American Board of Plastic Surgery.

Ann Schwentker, MD

Professor of Surgery
 Director, Plastic Surgery Residency Program

Dr. Schwentker’s practice focuses on pediatric plastic surgery, with an emphasis on brachial plexus reconstruction and ear reconstruction. She is certified by the American Board of Plastic Surgery.

The Division of
**Plastic, Reconstructive
 and Hand Surgery/Burn
 Surgery**

The Division of Plastic, Reconstructive and Hand Surgery/Burn Surgery is composed of Cincinnati Children’s Hospital Medical Center and the University of Cincinnati (UC) Medical Center. Collaboration among our group members has been a defining strength of academic plastic surgery at the University of Cincinnati since the group was founded by Dr. Henry W. Neale in 1978.

University of Cincinnati Medical Center

UC Medical Center's division of plastic surgery is a crucial component of our Level I Trauma Center and the Barrett Cancer Center. The division also continues its collaborative effort with the UC Health Drake Center, Cincinnati's primary rehabilitative center for complex wound care.

The faculty of the division of plastic surgery are an integral component of the Women's Center on the campus of West Chester Hospital. Body contouring after weight loss and the full line of aesthetic services are provided there as well.

Faculty:

Sonu A. Jain, MD

Professor of Surgery

Chief, Division of Plastic, Reconstructive and Hand Surgery/Burn Surgery

Dr. Jain specializes in disorders of the hand and wrist, with interest in also helping patients with arthritis, trauma, tendonitis, compression neuropathy and skin cancer. Dr. Jain is certified by the American Board of Plastic Surgery with certificate of added qualification in surgery of the hand.

Douglas R. Dembinski, MD

Assistant Professor of Surgery

Dr. Dembinski specializes in plastic and reconstructive surgery with an emphasis on breast cancer reconstruction.

Ryan M. Gobble, MD

Associate Professor of Surgery

Dr. Gobble specializes in facial and breast reconstructive surgery as well as cosmetic surgery of the face and body. He has research interests in improving outcomes after reconstructive and cosmetic breast implant surgery. Dr. Gobble is certified by the American Board of Plastic Surgery.

W. John Kitzmiller, MD

Professor of Surgery

Dr. Kitzmiller's practice includes complex reconstructive surgery as well as cosmetic surgery of the face and body. He is certified by the American Board of Plastic Surgery with certificate of added qualification in surgery of the hand.

Uzar Qazi, MD

Assistant Professor of Surgery

Dr. Qazi specializes in hand and burn surgery. He is Fellowship trained in Hand as well as Burn Surgery.

Petra M. Warner, MD

Adjunct Associate Professor of Surgery

Director of Burn Surgery, UC Medical Center

Dr. Warner specializes in burn treatment and reconstruction. She is certified by the American Board of Surgery.



Research Faculty:

George F. Babcock, PhD

Professor of Surgery Emeritus

Adjunct Associate Professor of Pathology

Dr. Babcock's research interest is in the immunologic consequences of burns, infectious disease, and transplantation, including the role of neutrophil and macrophage adhesion in host defense.

Samantha A. Brugman, PhD

Associate Director, Division of Developmental Biology

Director, Molecular and Developmental Biology Graduate Program

Professor of Pediatrics

Cincinnati Children's Hospital Medical Center

Dr. Brugman's research focuses on craniofacial development.

Rulang Jiang, PhD

Professor, Developmental Biology

Cincinnati Children's Hospital Medical Center

Dr. Jiang specializes in molecular developmental biology, and interfaces between the divisions of plastic surgery and developmental biology.

Yu Lan, PhD

Associate Professor, Plastic Surgery Research Faculty

Cincinnati Children's Hospital Medical Center

Dr. Lan's research centers on the molecular mechanisms behind craniofacial development.

Dorothy M. Supp, PhD

Adjunct Research Professor

Research Scientist, Cincinnati Children's Hospital Medical Center

Dr. Supp's research focuses on genetic engineering of cultured skin substitutes.

Volunteer Clinical Faculty:

Kurtis W. Martin, MD

Clinical Instructor of Surgery

Private Practice

Binh Nguyen, MD

Clinical Instructor of Surgery

Private Practice

Kevin A. Shumrick, MD

Clinical Instructor of Plastic Surgery

Private Practice

Additional information on the Division of Plastic, Reconstructive and Hand Surgery/Burn Surgery can be viewed at med.uc.edu/depart/surgery.





Syed A. Ahmad, MD

Professor of Surgery
Chief, Division of
Surgical Oncology

The Hayden Family Endowed
Chair for Cancer Research
Co-Director, University of
Cincinnati Cancer Center

Syed.Ahmad@uc.edu
513-584-8900

Clinical and basic science research by the division’s faculty and interdisciplinary collaborations with other researchers in the surgery department and the UC College of Medicine have gained national attention. Patients are offered state-of-the-art treatment protocols and access to innovative clinical trials as part of the UC Cancer Center.

The Division of Surgical Oncology is headquartered at the UC Cancer Center, a comprehensive cancer treatment center accredited by the American College of Surgeons.

The majority of operative procedures are performed at UC Medical Center, UC Health West Chester Hospital and The Christ Hospital. The division also provides physician staffing at the UC Health Physicians Office North and Women’s Health Center on our West Chester campus to meet the needs for surgical oncology services in northern Cincinnati suburbs.

The University of Cincinnati has formed a strategic partnership with Cincinnati Children’s Hospital Medical Center and UC Medical Center to establish the University of Cincinnati Cancer Center (UCCC), a joint cancer center that coordinates oncology care from childhood to adulthood in southern Ohio and beyond. By leveraging the individual cancer strengths of each institution, the UCCC is able to provide innovative multi-disciplinary cancer research and highly specialized patient care for children and adults in our region. Together, the UCCC is able to advance care faster, especially for those with complex disease. The vision of the UCCC is to create a world class cancer center leading in innovation to eliminate cancer, with a goal of achieving the highly prestigious National Cancer Institute designation.

The Division of Surgical Oncology

The Division of Surgical Oncology delivers compassionate state-of-the-art care to patients with cancer and allied diseases, and has the distinction of offering clinical programs that draw patient referrals from across the United States, particularly in the Midwest. Our nationally known physicians are all board certified in general surgery and have supplemental fellowship training in cancer surgery. Our doctors are also certified for their expertise in cancer surgery by the Society of Surgical Oncology. Recognized by Best Doctors in America, as well as by the journals *Cincinnati* and *Cincy Magazine* as top doctors in Cincinnati, our physicians and staff provide an outstanding level of care and work closely with other medical disciplines.



The surgical oncology division offers:

- Surgical care for benign and malignant diseases of the thyroid, parathyroid, adrenal glands and pancreas. Dr. Tammy Holm is the only specialty trained endocrine surgeon in Cincinnati.
- Leading-edge therapy for esophageal, colorectal, small bowel and gastric tumors.
- Personalized therapy for primary and recurrent cancers involving the liver, colon, and peritoneum.
- One of the highest volume pancreas surgery practices in the nation.
- Advanced surgical treatments for melanoma, sarcoma and other serious skin and soft tissue malignancies, including being the only site for isolated hyperthermic limb infusion procedures in the Greater Cincinnati area.
- Techniques such as hyperthermic intraperitoneal chemotherapy (HIPEC) for the treatment of primary and metastatic peritoneal malignancies and carcinomatosis. We are the highest volume center in Cincinnati for HIPEC.
- Participation in UC Cancer Center multidisciplinary pancreas, liver, and esophageal disease centers where patients can be seen by physicians from multiple specialties all in one office visit to help quickly begin an optimally sequenced treatment plan without repetitive testing.
- One of the few national sites performing total pancreatectomy and islet cell transplantation for chronic pancreatitis. We have one of the largest experiences in the world with this procedure.

- Surgical resection of the breast can be coordinated with immediate reconstruction by our plastic surgeons, should the patient be eligible from a cancer and reconstructive perspective.
- Discussions of complex patient treatment plans at tumor board conferences for all major cancer types.
- Minimally invasive cancer surgery approaches for the pancreas, liver, esophagus, stomach, spleen, adrenal gland and colon.
- Robotic surgery for liver, pancreas, stomach, and esophageal diseases.

Faculty

Syed A. Ahmad, MD, FACS

Professor of Surgery
 Chief, Section of Surgical Oncology
 The Hayden Family Endowed Chair for Cancer Research
 Co-Director, University of Cincinnati Cancer Center

Dr. Ahmad specializes in the treatment of patients with gastrointestinal, pancreatic and liver cancer. He is certified by the American Board of Surgery and fellowship trained in Surgical Oncology.

Alicia Heelan, MD, MS

Assistant Professor of Surgery
 Vice Chair for Quality

Dr. Heelan specializes in the treatment of breast disease from benign disease to high-risk lesions to malignancy. She also has a particular interest in surgical oncology. She is certified by the American Board of Surgery and fellowship trained in Breast Oncology.

Tammy M. Holm, MD, PhD, FACS

Associate Professor of Surgery
 Assistant Professor of Cancer Biology

Dr. Holm specializes in treating patients with thyroid, parathyroid, and adrenal disease. She is certified by the American Board of Surgery and fellowship trained in Endocrine Surgery.

Jaime D. Lewis, MD, FACS

Associate Professor of Surgery
 Career Advisor, Office of Student Affairs

Dr. Lewis specializes in the treatment of benign and malignant breast diseases. She also has a particular interest in high-risk genetic conditions that predispose to the development of breast cancer and preserving fertility for female cancer patients. She is certified by the American Board of Surgery and fellowship trained in Breast Oncology.



Sameer H. Patel, MD, FACS

Associate Professor of Surgery

Dr. Patel specializes in all aspects of surgical oncology. He is certified by the American Board of Surgery, fellowship trained and Board Certified in Surgical Oncology as well as by the American Board of Medical Quality.

Elizabeth A. Shaughnessy, MD, PhD, FACS

Professor of Surgery

Dr. Shaughnessy specializes in the treatment of benign and malignant breast diseases, as well as those at high risk for breast cancer development who desire risk reduction surgery. She is certified by the American Board of Surgery and fellowship trained in Surgical Oncology.

Jeffrey J. Sussman, MD, FACS

Professor of Surgery

Director, Residency Program in General Surgery

Vice Chair for Education

Dr. Sussman specializes in treatment of melanoma, sarcoma, complex gastrointestinal cancers, pancreas cancers, and peritoneal surface malignancies. He is certified by the American Board of Surgery and fellowship trained in Surgical Oncology.

Gregory C. Wilson, MD

Associate Professor of Surgery

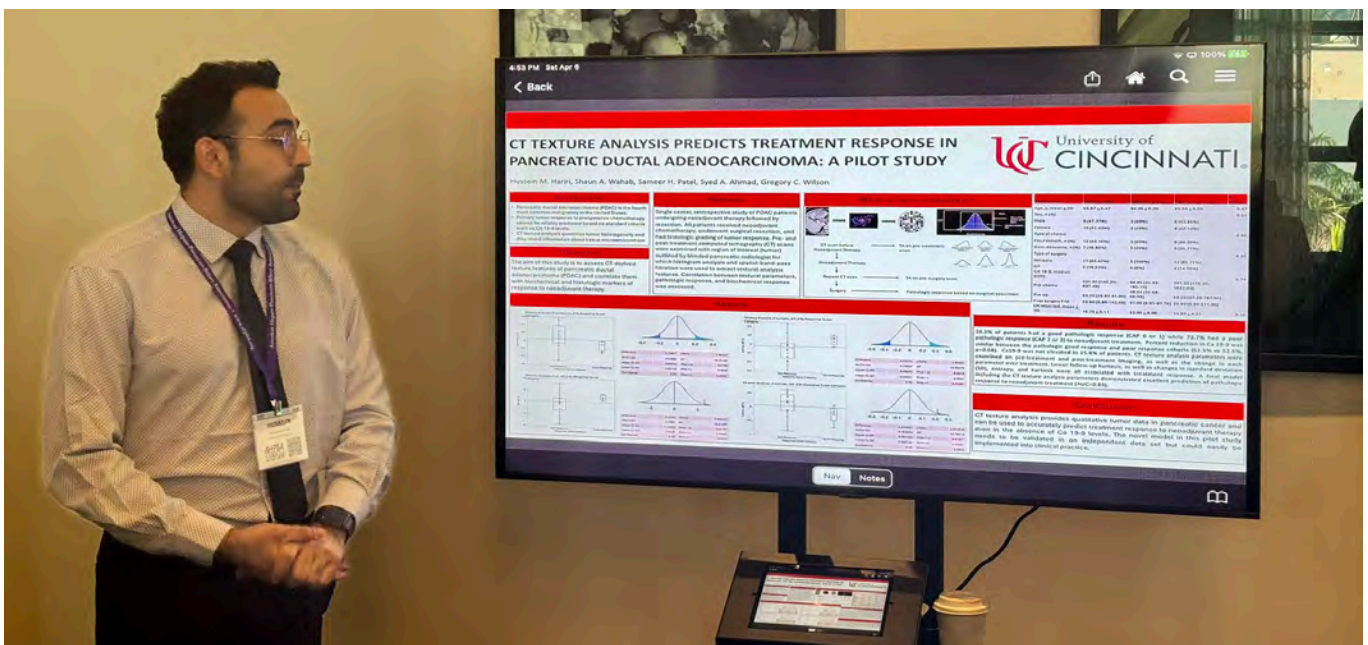
Dr. Wilson specializes in pancreatic and hepatobiliary surgery, with expertise in minimally invasive and robotic surgery. He is certified by the American Board of Surgery and fellowship trained in Surgical Oncology.

Andrew Waters, PhD

Assistant Professor of Surgery

Dr. Waters and Dr. Ahmad collaboratively run a lab that investigates novel approaches to help develop treatment options for patients with pancreas cancer.

Additional information on the Division of Surgical Oncology can be viewed at med.uc.edu/depart/surgery.





Shimul A. Shah, MD, MHCM

Professor of Surgery
James and Catherine
Orr Endowed Chair in
Liver Transplantation
Chief, Division of Solid
Organ Transplantation,
Department of Surgery
Shimul.Shah@uc.edu
513-558-3993

The Division of Transplantation

The Division of Transplantation provides services of end-organ failure with multi-organ transplant services including kidney, pancreas and liver transplantation, as well as a variety of non-transplant surgical services. Our surgeons have special expertise in living donor surgery including kidney and liver, laparoscopic nephrectomy, laparoscopic and open hepatobiliary surgery, general surgery, immunosuppressive drug development, corticosteroid elimination, dialysis access surgery, and active kidney exchange programs.

The division performs over 240 kidney transplants and approximately 150 liver transplants per year with outstanding survival and quality metrics. The group has established itself as one of the premier transplant programs in the country with high volume transplants, low wait-list mortality, and leading programs in transplant oncology and dialysis access.

Beyond an active clinic program, the division has active research programs in many diverse areas. The Cincinnati Research in Outcomes and Safety in Surgery (CROSS) was established in 2012 and has studied disparities in care, utilization and practice paradigms in tertiary surgery and comparative effectiveness. The group also has an active and large program around metabolic surgery in end-organ failure and has published landmark results in this area, providing access to obese patients needing transplantation. The group also has developed expertise with an education/work performance platform with CREST under the leadership of Dr. Quillin. The section has a very active research program that has pioneered the use of plasma cell targeted therapy for desensitization in highly sensitized transplant recipients and for the treatment of antibody mediated rejection. Our research program has also successfully conducted the first multicenter trial of steroid and calcineurin inhibitor free immunosuppression (BEST Trial).

The division provides leadership to the Israel Penn Center for Transplant Oncology, the largest and most comprehensive transplant tumor registry in the world, and has made a permanent commitment to preserve the function of the IPCTO by hiring and supporting faculty whose academic careers support IPCTO-related objectives.

Liver Transplantation and Hepatobiliary Surgery

The division has excelled in the area of surgery for benign and malignant tumors of the pancreas, liver and biliary tree, having performed over 1,000 advanced hepatobiliary surgical procedures. It is one of the busiest programs in the country and recently launched their living donor liver transplant program. The Liver Transplant Program provides multidisciplinary, specialized patient-centered care for end-stage liver disease (ESLD). Our historic program has focused on innovation, expert clinical care and research over the past 20 years.

The division recently developed a program in transplant outcomes research. A number of research projects are currently ongoing, including a study of utilization and cost effectiveness in liver transplantation and an innovative program in telehealth and smart technology. The division has published the largest series of HCV positive transplants in seronegative recipients in the world. A living donor liver transplant program has been established as well this year. We also performed the first portal hypothermic perfusion liver transplant in the United States in 2019.

Kidney and Pancreas Transplantation

The division has grown its kidney and pancreas transplants by 10% in the last two years and continues to innovate with living donor nephrectomies, immunosuppressive drug development, and use of HCV positive transplants in seronegative patients. Simultaneous kidney-pancreas, pancreas after kidney, and solitary pancreas transplants are performed by section faculty. The division has also developed a dedicated Sensitized Patient Clinic for potential kidney transplant patients who are highly sensitized to HLA antigens. This is one of a very small number of such dedicated clinics in the United States and offers kidney exchange as both clinical and research-based desensitization.



Faculty

Shimul A. Shah, MD, MHCM

Professor of Surgery

James and Catherine Orr Endowed Chair in Liver Transplantation

Chief, Division of Solid Organ Transplantation, Department of Surgery

Dr. Shah specializes in solid-organ (liver, pancreatic, and kidney) transplantation, hepatobiliary surgery and laparoscopic surgery. He has a strong research interest in the epidemiology of liver cancer and outcomes-based research. He is certified by the American Board of Surgery.

E. Steve Woodle, MD

Professor of Surgery

William A. Altemeier Chair in Surgery

Director, Solid Organ Transplantation, UC Health

Director, Israel Penn Center for Transplant Oncology

Dr. Woodle specializes in solid-organ transplantation, with a focus on living donor kidney transplantation. His research efforts include clinical and translational research focused on plasma cell targeted therapies for antibody mediated rejection and desensitization, simultaneous calcineurin inhibitor avoidance/early steroid withdrawal, T cell receptor mediated immune modulation, and effector memory T cell therapies. He is certified by the American Board of Surgery.

Alex L. Chang, MD

Assistant Professor of Surgery

Dr. Chang specializes in abdominal organ transplantation, hepatobiliary, vascular access, and general surgery. His research interests include clinical and translational transplant surgery, transplant immunosuppression, immunosuppression withdrawal, ischemia/reperfusion and rejection. He is certified by the American Board of Surgery.

Madison Cuffy, MD, MBA

Associate Professor of Surgery

Director, Kidney Transplantation, The Christ Hospital

Vice Chair, Pathway Innovation and Inclusive Excellence

Dr. Cuffy specializes in solid-organ (pancreatic, liver, and kidney) transplantation and dialysis access surgery. He is director of the kidney transplant program both at UC and The Christ Hospital. He focuses his efforts on disparities in care and leads the diversity, equity and inclusion for the department. He is certified by the American Board of Surgery.

Christine Haugen, MD, PhD

Assistant Professor of Surgery

Dr. Haugen specializes in abdominal organ transplantation, hepatobiliary, vascular access, and general surgery. She received her PhD at John Hopkins School of Public Health examining Liver Transplant and Older Adults. Her research interests include health services research and optimizing outcomes in transplantation and investigating issues around health equity, access to organs and frailty. She is certified by the American Board of Surgery.

Kristina H. Lemon, MD

Assistant Professor of Surgery

Director, Transplant Fellowship Program

Dr. Lemon specializes in solid organ (pancreatic, liver, and kidney) transplantation, hepatobiliary surgery, and laparoscopic surgery. Her focus outside of the operating room is in education, work efficiency, and systems improvement in transplantation. Dr. Lemon serves as transplant fellowship director.

Robert L. Plews, MD

Assistant Professor of Surgery

Dr. Plews specializes in solid organ (pancreas & kidney) transplantation, laparoscopic surgery, and dialysis access surgery. He is certified by the American Board of Surgery.

R. Cutler Quillin, III, MD

Associate Professor of Surgery

Director of Liver Transplantation

Dr. Quillin specializes in solid organ (pancreatic, liver, and kidney) transplantation, hepatobiliary surgery, and laparoscopic surgery. His research is focused on educational simulation and understanding competency in surgical technique. He is certified by the American Board of Surgery.

Latifa A. Sage Silski, MD

Associate Professor of Surgery

Medical Student Clerkship Director

Dr. Silski specializes in solid organ (pancreatic, liver, and kidney) transplantation, laparoscopic surgery, and dialysis access surgery. She is certified by the American Board of Surgery.

Nicole S. Ejaz, PharmD

Research Assistant Professor

Dr. Ejaz is currently serving on the Board of Directors for the IPITTR. Her individual research efforts focus specifically on antihumoral therapy.

Adele Rike Shields, PharmD

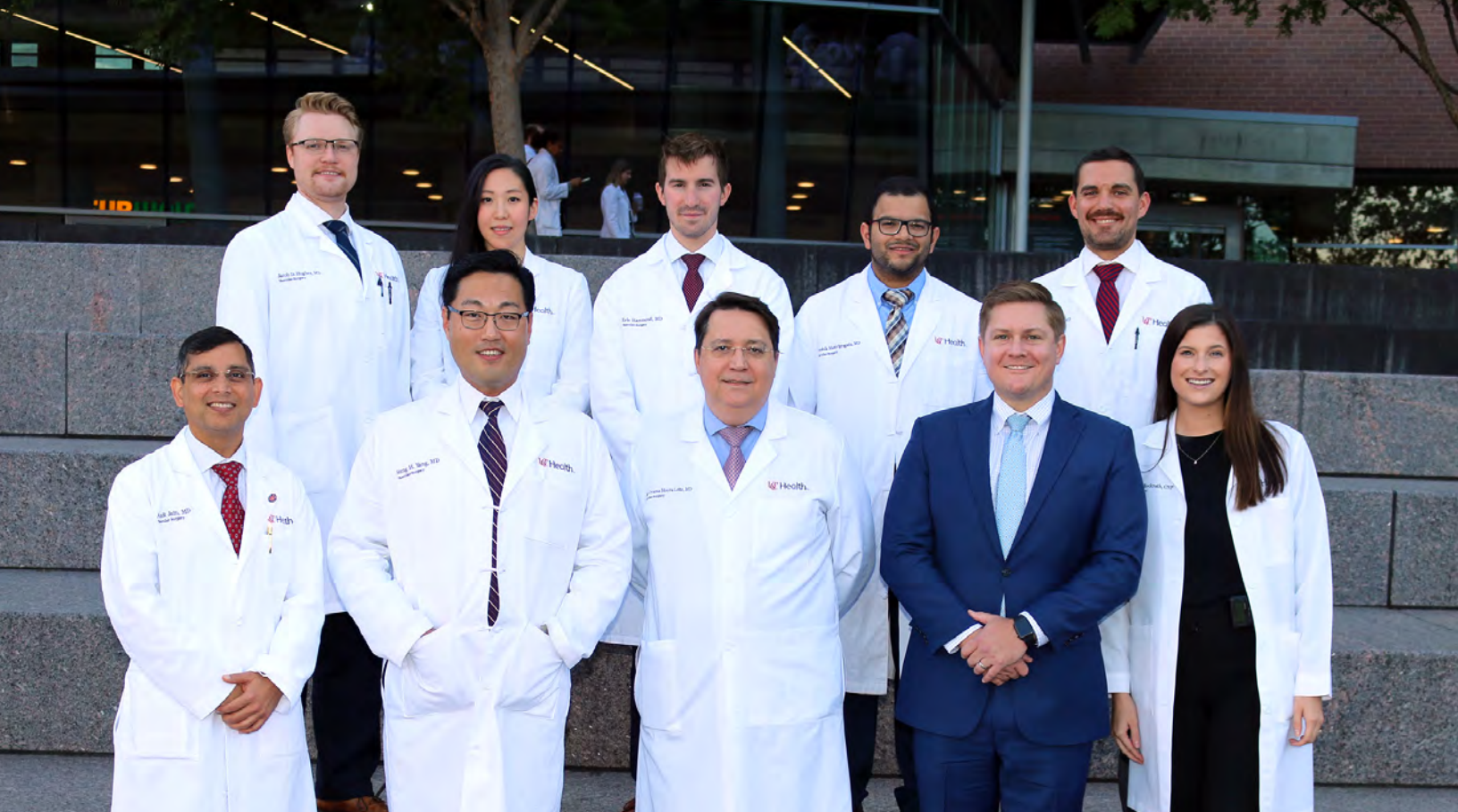
Research Associate Professor

Clinical Transplant Pharmacist at Christ Hospital

Dr. Shields is supervisor of kidney transplant clinical trials at The Christ Hospital. She also has research interests in cardiovascular disease following kidney transplantation.

Additional information on the Division of Transplantation can be viewed at med.uc.edu/depart/surgery.





The Section of **Vascular Surgery**



**Joseph S. Giglia,
MD, FACS, RPVI**

Professor of Surgery
Interim Chief, Division
of Vascular Surgery
Joseph.Giglia@uc.edu
513-558-5367

The Division of Vascular Surgery is a tertiary referral center for all aspects of vascular surgery and serves as the regional referral center for the treatment of complex vascular problems. The division performs all open and endovascular procedures for aneurysmal and occlusive disease, redo aortic surgery, and lower extremity revascularization. In addition, the division serves as a resource for the region for less common disorders including right side aortic arch pathology with dysphagia, aortomesenteric bypass operations, and redo aortic surgery.

The Division of Vascular Surgery offers treatment of vascular disorders at the University of Cincinnati Medical Center (UCMC), West Chester Hospital, West Chester Surgical Hospital, the UC Health Physicians Medical Arts Building in Clifton, as well as the UC Vein Center at the UC Health Physicians' Office North in West Chester. Outpatient non-invasive vascular diagnostic testing is available at both the UC Health Physicians Medical Arts Office in Clifton adjacent to the University of Cincinnati Medical Center, and at the UC Health Physicians' Office North in West Chester adjacent to West Chester Hospital.

The UC Health Aortic Center, directed by Amit Jain, MD, has a team with a wide breadth of expertise, including endovascular and open techniques providing a variety of treatment options and works closely with the division of cardiac surgery to provide complete care of aortic pathology.

Innovations in vascular care include laparoscopic aortic procedures and minimally invasive approaches for critical limb ischemia. Dr. Joseph Giglia is one of only a few surgeons in the country who perform laparoscopic aortobifemoral bypass for aortoiliac arterial occlusive disease.

Faculty

Joseph S. Giglia, MD, FACS, RPVI

Professor of Surgery

Interim Chief, Division of Vascular Surgery

Dr. Giglia has a special interest in complex aortic surgery, laparoscopic aortic surgery, and minimally invasive treatment of thoracic and abdominal aortic pathology. He is board certified in Vascular Surgery, General Surgery, and Surgical Critical Care.

Amit Jain, MBBS, FACS, RPVI

Associate Professor of Surgery

Dr. Jain's clinical interests include complex open and endovascular aortic surgery for aortic aneurysms, dissections and occlusive disease of both thoracic and abdominal aorta, cerebrovascular diseases including carotid stenosis and dissections, peripheral vascular diseases, hemodialysis access, non-atherosclerotic vascular pathologies including thoracic outlet, and popliteal entrapment syndromes. He is board certified in Vascular and General Surgery.

Justin King, MD

Assistant Professor of Clinical Surgery

Dr. King's clinical interests include surgical, endovascular and medical treatment of peripheral artery disease, cerebrovascular disease, arterial aneurysms and dissections, venous insufficiency, hemodialysis access, and vascular trauma. He is residency trained in Vascular Surgery.

Jose Oyama Moura Leite, MD, PhD, RPVI

Assistant Professor of Surgery

Dr. Leite's clinical interests include all aspects of open and endovascular surgery. He was a fully trained vascular surgeon in his native Brazil prior to completing a PhD and a vascular surgery residency in the United States.

Sung Yang, MD, RPVI

Assistant Professor of Surgery

Director, Integrated Vascular Surgery Residency and Fellowship Program

Dr. Yang's clinical interests include open and endovascular surgery (including aortic procedures), carotid stenting and endarterectomy, visceral arterial occlusive disease, hemodialysis access surgery and maintenance, vascular trauma and the vascular laboratory. He is fellowship trained and Board Certified in Vascular Surgery.

Additional information on the Division of Vascular Surgery can be viewed at med.uc.edu/depart/surgery.





David V. Blevins, MD
Site Director for General
Surgery Education, Holzer
Clinic



Fadi Makhoul, MD
Site Director for General
Surgery Education, Veterans
Affairs Medical Center



Gregory M. Tiao, MD
Chief of General and
Thoracic Surgery, Cincinnati
Children's Hospital

Affiliates

The affiliated educational programs are crucial for our strategy to provide breadth and depth of surgical experience, a diversity of case mix, and a strong connection to the community. These programs provide some of our highest valued training experience and are guided by a group of some of our best and most awarded surgeon educators.

There is an abundance and variety of clinical experiences in the hospitals and outpatient offices of our integrated and affiliated institutions which include:

The Christ Hospital is a 555-bed acute-care hospital located 1.5 miles from the UC College of Medicine. The hospital remains an important part of the integrated surgical residency in general surgery.

UC surgeons utilize the Christ Hospital for patient care in the areas of general, colorectal, vascular, weight loss, transplantation surgery and surgical oncology.

Cincinnati Children's Hospital Medical Center is a nationally and internationally recognized leader in the treatment and research of pediatric and adolescent diseases. Cincinnati Children's has 587 beds and is the only Level I pediatric trauma center in southwestern Ohio, northern Kentucky and southeastern Indiana. The hospital is a major teaching site for our surgery residents both in the clinical arena and in the NIH-funded laboratories directed by outstanding surgeon-scientists.

The Cincinnati Department of Veterans Affairs Medical Center is a major 269-bed acute-care hospital for veterans in Southwest Ohio. General surgery, urology and vascular surgery represent three of the largest volume sections within the VA surgical service. The surgical service continues to encounter a wide variety of pathological conditions which require surgical treatment, thus providing a significant opportunity for faculty research and a vital cornerstone for the surgical education of residents and medical students.

The Holzer Clinic is a modern, 100-plus physician, multispecialty group practice facility located in Gallipolis, Ohio, near the West Virginia border. This clinic provides primary, secondary and tertiary care to patients in the Southeastern Ohio and Western West Virginia region, with a population base of about 300,000 and over 150,000 clinic visits per year. Approximately 6,000 operations are performed yearly and there are over 16,000 Emergency Department visits per year. Virtually all surgery residents select a two-month elective rotation to this facility, which exposes these residents to a rural, broadly-defined general surgery experience.



Surgical Faculty/Resident Scholarly Activity

University of Cincinnati College of
Medicine

July 2023 – June 2024

[Blue indicates resident.]

Peer-Reviewed Journal Articles:

Abu-Abraham N, Gao Q, Kahan R, Alderete IS, Wang B, Howell DN, Anwar IJ, Ladowski JM, Nakata K, Jarrett E, Hlewicki K, Cywinska G, Neill R, Aardema C, Gerber DA, Roy-Chaudhury P, Hughes BA, Hartwig MG, Barbas AS. Subnormothermic oxygenated machine perfusion (24 h) in DCD kidney transplantation. *Transplant Direct*. 2024 May 24;10(6):e1633. PMID: 38807861

Abu-Alhajja D, Miller E, Shaughnessy E, Bakas T. Psychometric testing of the Oncology Nurses Health Behaviors Determinants Scale: A cross-sectional study. *Semin Oncol Nurs*. 2023 Dec;39(6):151515. PMID: 37880012 Review.

Ahmed HF, Guzman-Gomez A, Desai M, Dani A, Morales DLS, Critser PJ, Zafar F, Hayes D Jr. Lung transplantation for pulmonary vascular disease in children: A United Network for Organ Sharing analysis. *Pediatr Cardiol*. 2024 Feb;45(2):385-393. PMID: 38148409

Ahmed HF, Guzman-Gomez A, [Kulshrestha K](#), Kantemneni EC, Chin C, Ashfaq A, Zafar F, Morales DLS. Reality of DCD donor use in pediatric thoracic transplantation in the United States. *J Heart Lung Transplant*. 2024 Jan;43(1):32-35. PMID: 37619643

Ahmed HF, [Kulshrestha K](#), [Kennedy JT](#), Gomez-Guzman A, Greenberg JW, Hossain MM, Zhang Y, D'Alessandro DA, John R, Moazami N, Chin C, Ashfaq A, Zafar F, Morales DLS. Donation after circulatory death significantly reduces waitlist times while not changing post-heart transplant outcomes: A United Network for Organ Sharing analysis. *J Heart Lung Transplant*. 2024 Mar;43(3):461-470. PMID: 37863451

Ahmed HF, Morales DLS, Hayes D Jr. ECMO bridge to lung transplant in children with idiopathic pulmonary arterial hypertension. *Lung*. 2024 Apr 30. Online ahead of print. PMID: 38691113

Ahmed O, Doyle MBM, Abouljoud MS, Alonso D, Batra R, Brayman KL, Brockmeier D, Cannon RM, Chavin K, [Delman AM](#), DuBay DA, Finn J, Fridell JA, Friedman BS, Fritze DM, Ginos D, Goldberg DS, Halff GA, Karp SJ, Kohli VK, Kumer SC, Langnas A, Locke JE, Maluf D, Meier RPH, Mejia A, Merani S, Mulligan DC, Nibuhanupudy B, Patel MS, Pelletier SJ, Shah SA, Vagefi PA, Vianna R, Zibari GB, Shafer TJ, Orloff SL. Liver transplant costs and activity after United Network for Organ Sharing allocation policy changes. *JAMA Surg*. 2024 May 29:e241208. Online ahead of print. PMID: 38809546

Almond CS, Davies R, Adachi I, Richmond M, Law S, Tunuguntla H, Mao C, Shaw F, Lantz J, Wearden PD, Jordan LC, Ichord RN, Burns K, Zak V, Magnavita A, Gonzales S, Conway J, Jeewa A, Freemon D', Stylianou M, Sleeper L, Dykes JC, Ma M, Fynn-Thompson F, Lorts A, Morales D, Vanderpluym C, Dasse K, Patricia Massicotte M, Jaquiss R, Mahle WT. A prospective multicenter feasibility study of a miniaturized implantable continuous flow ventricular assist device in smaller children with heart failure. *J Heart Lung Transplant*. 2024 Jun;43(6):889-900. PMID: 38713124

Alsuhbani A, Thompson JR, Wigle PR, Guo JJ, Lin AC, Rao MB, Hincapie AL. Metabolic and bariatric surgery utilization trends in the United States: Evidence from 2012 to 2021 National Electronic Medical Records Network. *Ann Surg Open*. 2023 Dec 4;4(4):e317. PMID: 38144499

Amdani S, Marino BS, Boyle G, Cassidy A, Lorts A, Morales D, Joong A, Burstein D, Bansal N, Sutcliffe DL. Impact of center volume on outcomes after ventricular assist device implantation in pediatric patients: An analysis of the STS-Pedimacs database. *J Heart Lung Transplant*. 2024 May;43(5):787-796. PMID: 38199514

[Ammann AM](#), [Pratt CG](#), Lewis JD, Ahmad SA, Shaughnessy E, Heelan AA. Breast infections: A review of current literature. *Am J Surg*. 2024 Feb;228:78-82. PMID: 37949727 Review.

Ashfaq A, Lehenbauer DG, Winlaw DS, Morales DLS. Congenital heart surgery: A marathon not a sprint. *Ann Thorac Surg*. 2023 Dec;116(6):1327-1328. PMID: 37479130

Ashfaq A, Lorts A, Rosenthal D, Adachi I, Rossano J, Davies R, Simpson KE, Maeda K, Wisotzkey B, Koehl D, Cantor RS, Jacobs JP, Peng D, Kirklin JK, Morales DLS. Predicting stroke for pediatric patients supported with ventricular assist devices: A Pedimacs report. *Ann Thorac Surg*. 2024 May 25. Online ahead of print. PMID: 38802036

Ashfaq A, Lorts A, Rosenthal D, Adachi I, Rossano J, Davies R, Simpson KE, Maeda K, Wisotzkey B, Koehl D, Cantor RS, Jacobs JP, Peng D, Kirklin JK, Morales DLS. Survival in pediatric patients with ventricular assist devices: A special Pediatric Interagency Registry for Mechanical Circulatory Support (Pedimacs) report. *Ann Thorac Surg*. 2023 Nov;116(5):972-979. PMID: 37573991

Aslam S, Cowger J, Shah P, Stosor V, Copeland H, Reed A, Morales D, Giblin G, Mathew J, Morrissey O, Morejon P, Nicoara A, Molina E. The International Society for Heart and Lung Transplantation (ISHLT): 2024 infection definitions for durable and acute mechanical circulatory support devices. *J Heart Lung Transplant*. Epub 2024 May 1. PMID: 38691077 Review.

Aydın E, Durmuş F, Torlak N, Oria M, Güler Bayazit N, Öztürk Işık E, Aslanyürek B, Peiro JL. Pulmonary vasculature development in congenital diaphragmatic hernia: a novel automated quantitative imaging analysis. *Pediatr Surg Int*. 2024 Mar 18;40(1):81. PMID: 38498203

Aydın E, Khanmammadova N, Burns P, Lim FY, Habli MA, Peiró JL. Bias in the prenatal lung measurements in fetal congenital diaphragmatic hernia with intrauterine growth restriction. *J Perinat Med*. 2024 Apr 19;52(5):546-551. PMID: 38634775

- Bach K, Miller MA, Allgier A, Al Muhtaseb T, Little KJ, Schwentker AR. Thoracic outlet syndrome in the pediatric and young adult population. *J Hand Surg Am.* 2024 Apr;49(4):337-345. PMID: 38310509
- Baker JE, Werner NL, Burlew CC. Management of pelvic trauma. *Surg Clin North Am.* 2024 Apr;104(2):367-384. PMID: 38453308 Review.
- Baker JE, Ladhani HA, McCall C, Horwood CR, Werner NL, Platnick B, Cothren Burlew C. Factors associated with pelvic infection after pre-peritoneal pelvic packing for hemodynamically unstable pelvic fractures. *Surg Infect (Larchmt).* 2024 Jun;25(5):399-406. PMID: 38752886
- Barrios EA, Mazer MB, McGonagill P, Bergmann CB, Goodman MD, ... Caldwell CC. Adverse long-term outcomes and an immune suppressed endotype in sepsis patients with reduced interferon- γ ELISpot: A multicenter, prospective observational study. *JCI Insight.* 2024 Jan 23;9(2):e175785. PMID: 37745385
- Baucom MR, Price AD, England L, Schuster RM, Pritts TA, Goodman MD. Murine traumatic brain injury model comparison: Closed head injury versus controlled cortical impact. *J Surg Res.* 2024 Apr;296:230-238. PMID: 38295710
- Baucom MR, Price AD, Weissman N, England L, Schuster RM, Pritts TA, Goodman MD. Desmopressin, misoprostol, nor carboprost affect platelet aggregability following traumatic brain injury and aspirin. *J Surg Res.* 2024 Apr;296:643-653. PMID: 38359679
- Baucom MR, Price AD, Whitrock JN, Hanseman D, Smith MP, Pritts TA, Goodman MD. Need for blood transfusion volume is associated with increased mortality in severe traumatic brain injury. *J Surg Res.* 2024 Jun 26;301:163-171. Online ahead of print. PMID: 38936245
- Baucom MR, Wallen TE, Price AD, Caskey C, Schuster RM, Smith MP, Blakeman TC, Strilka R, Goodman MD. Validation of preload assessment technologies at altitude in a porcine model of hemorrhage. *J Surg Res.* 2024 Mar;295:631-640. PMID: 38101109
- Baucom MR, Wallen TE, Price AD, Smith MP, Kopchak M, MacKinnon A, Weissman N, Schuster RM, Pritts TA, Goodman MD. Predictive value of early inflammatory markers in trauma patients based on transfusion status. *J Surg Res.* 2023 Nov;291:691-699. PMID: 37562231
- Baucom MR, Wallen TE, Youngs J, Singer KE, Delman AM, Schuster RM, Blakeman TC, Strilka R, Pritts TA, Goodman MD. Effectiveness of negative pressure wound therapy during aeromedical evacuation following soft tissue injury and infection. *Mil Med.* 2023 Nov 8;188(Suppl 6):295-303. PMID: 37948243
- Baucom MR, Weissman N, Price AD, England L, Schuster RM, Pritts TA, Goodman MD. Syndecan-1 as the effect or effector of the endothelial inflammatory response? *J Surg Res.* 2024 Mar;295:611-618. PMID: 38096775
- Becker ER, Price AD, Whitrock JN, Smith M, Baucom MR, Makley AT, Goodman MD. Re-evaluating the use of high sensitivity troponin to diagnose blunt cardiac injury. *J Surg Res.* 2024 May 29;300:150-156. Online ahead of print. PMID: 38815513
- Bergh E, Baschat AA, Cortes MS, Hedrick HL, Ryan G, Lim FY, Zaretsky MV, Schenone MH, Crombleholme TM, Ruano R, Gosnell KA, Johnson A. Fetoscopic endoluminal tracheal occlusion for severe, left-sided congenital diaphragmatic hernia: The North American Fetal Therapy Network Fetoscopic Endoluminal Tracheal Occlusion Consortium experience. *Obstet Gynecol.* 2024 Mar 1;143(3):440-448. PMID: 38128107
- Bernieh A, Bove K, Garcia V, Tiao G, Lazar L, Sathe M, Sanchez J, Gonzalez R, Gonzalez-Gomez I. Intrahepatic cholangiolitis in cystic fibrosis (ICCF): An under-appreciated cause of persistent cholestasis in infancy. *Pediatr Dev Pathol.* 2024 Jan-Feb;27(1):13-22. PMID: 37801635
- Biancari F, Mäkikallio T, Loforte A, Kaserer A, Ruggieri VG, Cho SM, Kang JK, Dalén M, Welp H, Jónsson K, Ragnarsson S, Hernández Pérez FJ, Gatti G, Alkhamees K, Fiore A, Lechiancole A, Rosato S, Spadaccio C, Pettinari M, Perrotti A, Sahli SD, L'Acqua C, Arafat AA, Albabtain MA, AlBarak MM, Laimoud M, Djordjevic I, Krasivskyi I, Samalavicius R, Jankuviene A, Alonso-Fernandez-Gatta M, Wilhelm MJ, Juvonen T, Mariscalco G. Inter-institutional analysis of the outcome after postcardiotomy veno-arterial extracorporeal membrane oxygenation. *Int J Artif Organs.* 2024 Jan;47(1):25-34. PMID: 38053227
- Blackstone BN, Malara MM, Baumann ME, McFarland KL, Supp DM, Powell HM. Laser micropatterning promotes rete ridge formation and enhanced engineered skin strength without increased inflammation. *Bioengineering (Basel).* 2023 Jul 20;10(7):861. PMID: 37508888
- Blakeman T, Smith M, Branson R. Evaluation of a rebreathing system for use with portable mechanical ventilators. *J Spec Oper Med.* 2024 Jun 25;24(2):34-38. PMID: 38837173
- Bordeianou L, Ogilvie JW Jr, Saraidaridis JT, Olortegui KS, Ratto C, Ky AJ, Oliveira L, Vogler SA, Gurland BH; Steering Committee for the Pelvic Floor Disorders Consortium Quality Improvement in Rectal Prolapse Surgery Database Pilot [Paquette IM]. Durable approaches to recurrent rectal prolapse repair may require avoidance of index procedure. *Dis Colon Rectum.* 2024 Jul 1;67(7):968-976. PMID: 38479014
- Branson RD, Ring BJ. Sustainability in respiratory therapy: Revisiting reusables. *Respir Care.* 2024 Jan 24;69(2):275-279. PMID: 38267233
- Campbell P, Mudd B, Craig K, Daugherty M, Vanderbrink B, DeFoor W, Minevich E, Reddy P, Strine A. One and done: Feasibility and safety of primary ureteroscopy in a pediatric population. *J Pediatr Urol.* 2024 Apr;20(2):224.e1-224.e7. PMID: 37957074
- Campbell P, Riazzi A, Spitznagel E, Schulte M, Frias O, Daugherty M, Vanderbrink B, DeFoor W, Minevich E, Reddy P, Streich-Tilles T, Burns K, Strine A. Time to therapy and safety of testicular tissue cryopreservation in children undergoing gonadotoxic treatment or hematopoietic stem cell transplant. *J Pediatr Urol.* 2024 May 11;S1477-5131(24)00263-8. Online ahead of print. PMID: 38782681
- Carpenter EL, Van Decar S, Adams AM, ..., Sussman JJ, et al. Prospective, randomized, double-blind phase 2B trial of the TLPO and TLPLDC vaccines to prevent recurrence of resected stage III/IV melanoma: A prespecified 36-month analysis. *J Immunother Cancer.* 2023 Aug;11(8):e006665. PMID: 37536936

- Carter MM, Whitrock JN, Pratt CG, Shaughnessy EA, Meier TM, Barrord MF, Hanseman DJ, Reyna CR, Heelan AA, Lewis JD. Nationwide analysis of locoregional management for ductal carcinoma in situ in males: An NCDB analysis of the surgical approach to DCIS in males. *Ann Surg Oncol*. 2024 Mar;31(3):1599-1607. PMID: 37978114
- Chae R, Nguyen C, Archdeacon C, Wattley L, Sisak S, Price A, Perez E, Schuster R, Lentsch A, Caldwell C, Goodman M, Pritts T. Whole blood storage duration alters fibrinogen levels and thrombin formation. *J Trauma Acute Care Surg*. 2024 Jul 1;97(1):39-47. PMID: 38531825
- Chandraker A, Regmi A, Gohh R, ..., Gupta G, et al. Posoleucel in kidney transplant recipients with BK viremia: Multicenter, randomized, double-blind, placebo-controlled phase 2 trial. *J Am Soc Nephrol*. 2024 May 1;35(5):618-629. PMID: 38470444
- Chandwani R, Brokamp C, Salfity H, Starnes SL, Van Haren RM. Impact of environmental exposures on lung cancer in patients who never smoked. *World J Surg*. 2023 Oct;47(10):2578-2586. PMID: 37402836
- Chen SY, Grisotti G, Mack SJ, Walther AE, Chapman RL, Falcone RA Jr, Kim ES. A multi-institutional study comparing stoma location in neonates with intestinal perforation. *J Surg Res*. 2024 May;297:56-62. PMID: 38432084
- Ching CB, Dickinson K, Karafilidis J, ..., DeFoor W, et al. The real world experience of pediatric primary hyperoxaluria patients in the PEDSnet clinical research network. *Eur J Pediatr*. 2023 Sep;182(9):4027-4036. PMID: 37392234
- Choi K, Spadaccio C, Ribeiro RVP, Langlais BT, Villavicencio MA, Pennington K, Spencer PJ, Daly RC, Mallea J, Keshavjee S, Cypel M, Saddoughi SA. Early national trends of lung allograft use during donation after circulatory death heart procurement in the United States. *JTCVS Open*. 2023 Sep 4;16:1020-1028. PMID: 38204714
- Christison-Lagay ER, Brown EG, Bruny J, ..., Dasgupta R, et al. Central venous catheter consideration in pediatric oncology: A systematic review and meta-analysis from the American Pediatric Surgical Association Cancer Committee. *J Pediatr Surg*. 2024 Mar 27;S0022-3468(24)00201-X. Online ahead of print. PMID: 38637207
- Cody EM, Varnell C Jr, Lazear D, VandenHeuvel K, Flores FX, Woodle ES, Hooper DK. Carfilzomib-based antibody mediated rejection therapy in pediatric kidney transplant recipients. *Pediatr Transplant*. 2023 Nov;27(7):e14534. PMID: 37132092
- Collings AT, Farazi M, Van Arendonk KJ, Fallat ME, Minneci PC, Sato TT, Speck KE, Gadepalli S, Deans KJ, Falcone RA Jr, Foley DS, Fraser JD, Keller MS, Kotagal M, Landman MP, Leys CM, Markel T, Rubalcava N, St Peter SD, Flynn-O'Brien KT; Midwest Pediatric Surgery Consortium. Evaluating the regional differences in pediatric injury patterns during the COVID-19 pandemic. *J Surg Res*. 2023 Sep;289:61-68. PMID: 37086597
- Colvin JS, Jalilvand AD, Um P, Noria SF, Needleman BJ, O'Neill SM, Perry KA. Mid-term outcomes of Nissen fundoplication versus Roux-en-y gastric bypass for primary management of gastroesophageal reflux disease in patients with obesity. *Surg Laparosc Endosc Percutan Tech*. 2023 Dec 1;33(6):627-631. PMID: 37671561
- Conway J, Amdani S, Morales DLS, Lorts A, Rosenthal DN, Jacobs JP, Rossano J, Koehl D, Kirklin JK, Auerbach SR. Widening care gap in VAD therapy. *J Heart Lung Transplant*. 2023 Dec;42(12):1710-1724. PMID: 37591455
- Cooley-Rieders K, Glenn C, Van Haren RM, Salfity H, Starnes SL. A decade of surgical outcomes in a structured lung cancer screening program. *J Thorac Cardiovasc Surg*. 2023 Oct;166(4):1245-1253.e1. PMID: 36858845
- Costantini TW, Kornblith LZ, Pritts T, Coimbra R. The intersection of coagulation activation and inflammation after injury: What you need to know. *J Trauma Acute Care Surg*. 2024 Mar 1;96(3):347-356. PMID: 37962222
- Crowley E, Ma C, Guizzetti L, Zou G, Lewindon PJ, Gee MS, Hyams JS, Rosen MJ, von Allmen D, de Buck van Overstraeten A, Shackelton LM, Remillard J, Schleicher L, Dillman JR, Rimola J, Taylor SA, Fletcher JG, Church PC, Feagan BG, Griffiths AM, Jairath V, Greer MC. Recommendations for standardizing MRI-based evaluation of perianal fistulizing disease activity in pediatric Crohn's disease clinical trials. Review. *Inflamm Bowel Dis*. 2024 Mar 1;30(3):357-369. PMID: 37524088
- Dani A, Ahmed HF, Guzman-Gomez A, Raees MA, Zhang Y, Hossain MM, Szugye NA, Moore RA, Morales DL, Zafar F. Impact of size matching on survival post-heart transplant in infants: Estimated total cardiac-volume ratio outperforms donor-recipient weight ratio. *J Heart Lung Transplant*. Epub 2023 Aug 18. PMID: 37597670
- Dasgupta R, Doski J, Gow KW. Operative standards for pediatric cancer surgery. *Semin Pediatr Surg*. 2023 Oct;32(5):151345. PMID: 38042089
- Dehne LM, Foertsch MJ, Droege CA, Makley AT, Mosher DR, Philpott CD, Sagi HC, Mueller EW, Droege ME. Antibiotic duration following abdominal gunshot injuries with associated pelvis or spine involvement: A 20-year single-center experience. *J Surg Res*. 2023 Nov;291:97-104. PMID: 37354706
- Delman AM, Whitrock JN, Turner KM, Donovan EC, Quillin RC 3rd, Shah SA, Patel SH, Ahmad SA, Wilson GC. Defining the operative time threshold for safety in patients undergoing robotic pancreaticoduodenectomy. *HPB (Oxford)*. 2024 Mar;26(3):323-332. PMID: 38072726
- Dimagli A, Spadaccio C, Myers A, Demetres M, Rademaker-Havinga T, Stone GW, Spertus JA, Redfors B, Fremes S, Gaudino M, Masterson Creber R. Quality of life after percutaneous coronary intervention versus coronary artery bypass grafting. *J Am Heart Assoc*. 2023 Nov 20;12(22):e030069. Online ahead of print. PMID: 37982221
- Dirand Z, Maraux M, Tissot M, Chatelain B, Supp D, Viennet C, Perruche S, Rolin G. Macrophage phenotype is determinant for fibrosis development in keloid disease. *Matrix Biol*. 2024 Apr;128:79-92. PMID: 38485100
- Dixon A, Kenny JE, Buzzard L, Holcomb J, Bulger E, Wade C, Fabian T, Schreiber M; PROPPR Study Group. Acute respiratory distress syndrome, acute kidney injury, and mortality after trauma are associated with increased circulation of syndecan-1, soluble thrombomodulin, and receptor for advanced glycation end products. *J Trauma Acute Care Surg*. 2024 Feb 1;96(2):319-325. PMID: 37678154

- Edwards AC, Stalneck CA, Jean Morales A, Taylor KE, Klomp JE, Klomp JA, Waters AM, Sudhakar N, Hallin J, Tang TT, Olson P, Post L, Christensen JG, Cox AD, Der CJ. TEAD inhibition overcomes YAP1/TAZ-driven primary and acquired resistance to KRASG12C inhibitors. *Cancer Res.* 2023 Dec 15;83(24):4112-4129. PMID: 37934103
- Eletta O, Shah SA. Does hepatectomy technique matter? *Liver Transpl.* 2024 May 21. Online ahead of print. PMID: 38767456
- Elson NC, Lewis JD, Shaughnessy EA, Reyna C. Lessons from other fields of medicine, Part 1: Breast cancer. Review. *Handb Clin Neurol.* 2023;192:101-118. PMID: 36796936
- Encisco EM, Lim IIP, Velazco CS, Rosen NG, Garrison AP, Rymeski B, Frischer JS. Hirschsprung-associated enterocolitis at a referral institution: A retrospective review. *J Pediatr Surg.* 2023 Aug;58(8):1578-1581. PMID: 37221126 Review.
- Eriksson EA, Waite A, Whitbeck SS, Bach JA, Bauman ZM, Cavlovic L, Dale K, DeVoe WB, Doben AR, Edwards JG, Forrester JD, Kaye AJ, Green JM, Hsu J, Hufford A, Janowak CF, Kartiko S, Moore EE, Patel B, Pieracci F, Sarani B, Schubl SD, Semon G, Thomas BW, Tung J, Van Lieshout EMM, White TW, Wijffels MME, Wullschlegler ME. An initiative to assess and improve the resources and patient care processes used among Chest Wall Injury Society collaborative centers study (CWIS-CC2). *J Trauma Acute Care Surg.* 2024 Apr 1;96(4):618-622. PMID: 37889926
- Eriksson EA, Wijffels MME, Kaye A, Forrester JD, Moutinho M, Majerick S, Bauman ZM, Janowak CF, Patel B, Wullschlegler M, Clevenger L, Van Lieshout EMM, Tung J, Woodfall M, Hill TR, White TW, Doben AR. Incidence of surgical rib fixation at chest wall injury society collaborative centers and a guide for expected number of cases (CWIS-CC1). *Eur J Trauma Emerg Surg.* 2024 Apr;50(2):417-423. PMID: 37624405
- Expert Panel on Pediatric Imaging; Bardo DME, Gill AE, Iyer RS, Chan SS, Cooper ML, Dasgupta RA, Guimaraes CV, Hammer MR, Krowchuk DP, Levin TL, Liang MG, Meyers ML, Samet JD, Sammer MBK, Schooler GR, Squires JH, Sura AS, Trout AT, Pruthi S. ACR Appropriateness Criteria® soft tissue vascular anomalies: Vascular malformations and infantile vascular tumors (non-CNS)-child. *J Am Coll Radiol.* 2024 Jun;21(6S):S310-S325. PMID: 38823953
- Faateh M, Kulshrestha K, Ahmed HF, Lehenbauer D, Carlisle MA, Gaies M, Morales DLS, Ashfaq A. The burden of stroke in neonates undergoing congenital heart surgery: A large multicenter analysis. *Ann Thorac Surg.* 2024 May 28;S0003-4975(24)00388-6. Online ahead of print. PMID: 38815846
- Fackche NT, Schmocker RK, Nudotor R, Kubi B, Cloyd JM, Grotz TE, Fournier KF, Dineen SP, Veerapong J, Baumgartner JM, Clarke CN, Patel SH, Wilson GC, Lambert LA, Pokrzywa C, Abbott DE, Lee B, Staley CA, Zaidi MY, Johnston FM, Greer JB. Preoperative CA 19-9 predicts disease progression in colorectal peritoneal metastases treated with cytoreductive surgery and hyperthermic intraperitoneal chemotherapy: An analysis from the US HIPEC Collaborative. *Ann Surg Oncol.* 2024 May;31(5):3314-3324. PMID: 38310181
- Fahnhorst SE, Brandewie K, Perry T, Opotowsky AR, Lubert AM, Lorts A, Morales DLS, Villa CR. Single center experience with durable continuous flow single ventricle assist device: A viable option in Fontan circulatory failure. *ASAIO J.* 2023 Oct 1;69(10):956-961. PMID: 37200481
- Fakunle DR, Ammann AM, Sisak S, Delman AM, Vaysburg DM, Lemon K, Silski L, Holm T, Shah SA, Quillin RC 3rd. Sex disparities in academic productivity and rank among abdominal transplant faculty in the United States. *Transplant Proc.* 2024 Jan-Feb;56(1):260-264. PMID: 38267336
- Flores-Hidalgo A, Phero J, Steward-Tharp S, Williamson M, Paquette D, Krishnan D, Padilla R. Immunophenotypic and gene expression analyses of the inflammatory micro-environment in high-grade oral epithelial dysplasia and oral lichen planus. *Head Neck Pathol.* 2024 Mar 8;18(1):17. PMID: 38456941
- Florissi I, Radomski SN, Shou B, Cloyd JM, Kim A, Grotz T, Fournier K, Baumgartner JM, Lambert L, Abbott DE, Schwartz P, Staley CA, Clarke C, Dineen S, Patel SH, Wilson GC, Raof M, Johnston FM, Greer JB. Weekend discharge is not associated with increased readmission after hyperthermic intraperitoneal chemotherapy. *J Surg Res.* 2024 Jan;293:403-412. PMID: 37806228
- Forde B, Lim FY, McKinney DN, Habli M, Markham KB, Hoffman M, Tabbah S, Oria M, Peiro JL. Association of amniotification volume at the time of surgery for twin-twin transfusion syndrome and latency to delivery. *Prenat Diagn.* 2023 Aug;43(9):1239-1246. PMID: 37553727
- Forde B, Martin S, Watanabe-Chailland M, Lim FY. Acute fetal metabolomic changes in twins undergoing fetoscopic surgery for twin-twin transfusion syndrome. *Twin Res Hum Genet.* 2024 Feb;27(1):56-63. PMID: 38515292
- Forde B, Oria M, Lampe K, Martin S, Peiro JL. Creation of a novel synthetic amniotic fluid for use in fetal therapy with in vitro testing on human amniotic membranes. *Am J Obstet Gynecol MFM.* 2023 Sep;5(9):101055. PMID: 37328032
- Forde B, Sepulveda Gonzalez G, Lim FY, Arroyo-Lemarrroy T, Nava Geurrero EN, Lizarraga-Cepeda E, Habli M, McKinney D, Hoffman M, Peiro JL. Should we stitch-close the fetoscopic percutaneous access? A case-series of laparotomy to trans-amniotic membrane suturing for intrauterine port placement in fetoscopic surgery for twins. *Fetal Diagn Ther.* 2024 Jun 18:1-6. Online ahead of print. PMID: 38889699
- Frasier LL, Cheney M, Burkhardt J, Alderman M, Nelson E, Proctor M, Brown D, Davis WT, Smith MP, Strilka R. Identifying and reducing insulin errors in the simulated military critical care air transport environment: A human factors approach. *Mil Med.* 2024 Jun 4:usae286. Online ahead of print. PMID: 38836595
- Gambardella I, Spadaccio C, Singh SSA, et al. Interpapillary muscle distance independently predicts recurrent mitral regurgitation. *J Cardiothorac Surg.* 2024 Mar 20;19(1):147. PMID: 38509555
- Garvey EM, Fuller M, Frischer J, et al; Pediatric Colorectal and Pelvic Learning Consortium (PCPLC). Multi-institutional review from the Pediatric Colorectal and Pelvic Learning Consortium of minor spinal cord dysraphism in the setting of anorectal malformations: Diagnosis, treatment, and outcomes. *J Pediatr Surg.* 2023 Aug;58(8):1582-1587. PMID: 37248140
- Gatts J, Chandra S, Krishnan D, Ricci K. Medical management of nonmalignant vascular tumors of the head and neck: Part 1. Oral Maxillofac Surg Clin North Am. 2024 Feb;36(1):103-113. PMID: 37875385 Review.

Resident Appreciation Week 2024 (with Bailey, the Therapy Dog, and Sundaes)



- Georgeades C, Collings AT, Farazi M, Bergner C, Fallat ME, Minneci PC, Speck KE, Van Arendonk KJ, Deans KJ, Falcone RA Jr, Foley DS, Fraser JD, Gadepalli SK, Keller MS, Kotagal M, Landman MP, Leys CM, Markel TA, Rubalcava NS, St Peter SD, Sato TT, Flynn-O'Brien KT; Midwest Pediatric Surgery Consortium (MWPSC). Relationship between the COVID-19 pandemic and structural inequalities within the pediatric trauma population. *Inj Epidemiol.* 2023 Nov 28;10(Suppl 1):62. PMID: 38017506
- Glaser K, [Schepers EJ](#), Zwolshen HM, Lake CM, Timchenko NA, Karns RA, Cairo S, Geller JI, Tiao GM, Bondoc AJ. EZH2 is a key component of hepatoblastoma tumor cell growth. *Pediatr Blood Cancer.* 2024 Feb;71(2):e30774. PMID: 37990130
- Glenn CJ, Greenberg JW, Hogue S, O'Donnell A, Lehenbauer DG, Moore RA, Morales DLS. Hand-constructed CorMatrix tubular valve used for tricuspid valve replacement in neonate with congenital tricuspid dysplasia: Five-year follow-up. *World J Pediatr Congenit Heart Surg.* 2023 Nov;14(6):758-760. PMID: 37710988
- Gonzalez GC, Berazaluce AMC, Jenkins TM, Hardie WD, Foster KE, Moore RA, Powell AW, Garcia VF, Brown RL. (F)utility of preoperative pulmonary function testing in pectus excavatum to assess severity. *Pediatr Surg Int.* 2024 Apr 8;40(1):102. PMID: 38589706
- Gow KW, Lautz TB, Malek MM, Cost NG, Newman EA, Dasgupta R, Christison-Lagay ER, Tiao GM, Davidoff AM; COG Surgery Discipline Committee. Children's Oncology Group's 2023 blueprint for research: Surgery. *Pediatr Blood Cancer.* 2024 Mar;71(3):e30766. PMID: 37950538
- Greenberg JW, Hogue S, Raees MA, Ahmed HF, Abplanalp WA, Guzman-Gomez A, Abdelhamed Z, [Thangappan K](#), Reagor JA, Rose JE, Collins M, Kasten JL, Goldstein SL, Zafar F, Morales DLS, Cooper DS. Exogenous nitric oxide delivery protects against cardiopulmonary bypass-associated acute kidney injury: Histologic and serologic evidence from an ovine model. *J Thorac Cardiovasc Surg.* 2023 Nov;166(5):e164-e173. PMID: 37164051
- Greenberg JW, Kantemneni EC, [Kulshrestha K](#), Clothier JS, Desai MV, Winlaw DS, Zafar F, Morales DLS. Later brain death declaration correlates to favorable donor characteristics but decreased heart acceptance. *Transplantation.* 2024 Mar 1;108(3):750-758. PMID: 38062571
- Greenberg JW, [Kulshrestha K](#), Guzman-Gomez A, Fields K, Lehenbauer DG, Winlaw DS, Perry T, Villa C, Lorts A, Zafar F, Morales DLS. Modifiable risk factor reduction for pediatric ventricular assist devices and the influence of persistent modifiable risk factors at transplant. *J Thorac Cardiovasc Surg.* 2024 May;167(5):1556-1563.e2. PMID: 37414356
- Greenberg JW, [Kulshrestha K](#), Ramineni A, Winlaw DS, Lehenbauer DG, Zafar F, Cooper DS, Morales DLS. Contemporary trends in cardiac surgical care for trisomy 13 and 18 patients admitted to hospitals in the United States. *J Pediatr.* 2024 May;268:113955. PMID: 38340889
- Guan T, Tatu R, Wima K, Oria M, Peiro JL, Lin CY, Rao MB. Profile of a multivariate observation under destructive sampling: A Monte Carlo approach to a case of spina bifida. *Bioengineering (Basel).* 2024 Mar 3;11(3):249. PMID: 38534523
- Gulati R, Fleifil Y, Jennings K, Bondoc A, Tiao G, Geller J, Timchenko L, Timchenko N. Inhibition of histone deacetylase activity increases cisplatin efficacy to eliminate metastatic cells in pediatric liver cancers. *Cancers (Basel).* 2024 Jun 22;16(13):2300. PMID: 39001363
- Gulati S, Hsu CY, Shah S, et al; COVID-19 and Cancer Consortium. Systemic anticancer therapy and thromboembolic outcomes in hospitalized patients with cancer and COVID-19. *JAMA Oncol.* 2023 Oct 1;9(10):1390-1400. PMID: 37589970
- Guzman-Gomez A, Ahmed HF, Dani A, Zafar F, Lehenbauer DG, Potter AS, Morales DLS, Ziady AG, Hayes D Jr. Center volume effect on acute cellular rejection and outcomes in pediatric lung transplant recipients. *J Heart Lung Transplant.* 2023 Aug;42(8):1030-1039. PMID: 37088340
- Guzman-Gomez A, Greenberg JW, Dani A, Villa C, Lorts A, Boucek K, Zafar F, Morales DLS. In the era of outpatient ventricular assist devices, is it time to reconsider the practice of bridging older children to transplant on outpatient inotropes? *J Thorac Cardiovasc Surg.* 2024 Jun;167(6):2206-2214. PMID: 37321290
- Hahn JM, Combs KA, Powell HM, Supp DM. A role for vitamin D and the vitamin D receptor in keloid disorder. *Wound Repair Regen.* 2023 Sep-Oct;31(5):563-575. PMID: 37458255 Review.
- Halaweish I, Srinivas S, [Farooqui Z](#), Sutthataran P, Campbell D, Frischer J, Wood RJ, Langer JC. Duhamel versus Swenson pull-through for total colonic aganglionosis: A multi-institutional study. *J Pediatr Surg.* 2024 Feb;59(2):216-219. PMID: 37973423
- Hall AD, Kumar JE, Mazur JP, Bondoc AJ, Giffin BF, Bryant WK. Dr. Allen Oldfather Whipple (1881-1963): Namesake of the pancreaticoduodenectomy. *J Med Biogr.* 2023 Nov 9;9677720231197430. Online ahead of print. PMID: 37941365
- Hanlon M, Gulati R, [Johnston M](#), Fleifil Y, Rivas M, Timchenko N. Genetic ablation of C/EBP α -p300 pathway blocks development of obese pregnancy associated liver disorders in offspring. *Cell Mol Gastroenterol Hepatol.* 2024;17(3):347-360. PMID: 37967813
- Hariri HM, Patel SH. Positive margin for low-grade appendiceal mucinous neoplasms (LAMN): To observe or to reoperate? *Ann Surg Oncol.* 2023 Nov;30(12):69
- [Hartman SJ](#), Weiss MA, Temple HM, Donnelly B, Pasula R, Poling HM, McNeal M, Mohanty SK, Tiao GM. Deletion of interferon lambda receptor elucidates susceptibility to the murine model of biliary atresia. *J Interferon Cytokine Res.* 2023 Sep;43(9):427-434. PMID: 37725010
- Hawkins AT, Davis BR, Bhamra AR, Fang SH, Dawes AJ, Feingold DL, Lightner AL, Paquette IM; Clinical Practice Guidelines Committee of the American Society of Colon and Rectal Surgeons. The American Society of Colon and Rectal Surgeons Clinical Practice Guidelines for the Management of Hemorrhoids. *Dis Colon Rectum.* 2024 May 1;67(5):614-623. PMID: 38294832
- Hefelfinger L, Doherty A, Wahab R, Rosen L, Shaughnessy EA, Lewis JD. Evaluation of the SmartClip™ nonradioactive seed, a novel wireless localization method for the breast: Initial clinical experience and surgical outcome. *Am Surg.* 2024 Apr;90(4):592-599. PMID: 37749932 Review.

- Heidel JS, Dani A, Towe C, Schechter M, Zhang Y, Hossain MM, Zafar F, Morales DLS, Hayes D Jr. Body mass index percentage and survival in pediatric patients listed for lung transplantation: A modern-era multi-institutional analysis. *J Heart Lung Transplant.* 2023 Sep;42(9):1242-1250. PMID: 37088338
- Heidel JS, Miller J, Donovan E, Handa R, Van Haren R, Salfity H, Starnes SL. Routine chest radiography after thoracostomy tube removal and during postoperative follow-up is not necessary after lung resection. *J Thorac Cardiovasc Surg.* 2024 Feb;167(2):517-525.e2. PMID: 37236600
- Herron C, Morales D, Shahanavaz S. Transcatheter knocking of a stuck mechanical tricuspid valve. *Cardiol Young.* 2024 Apr 15:1-3. Online ahead of print. PMID: 38618881
- HIP Trial Investigators; Blakely ML, Krzyzaniak A, Dassinger MS, ... Dasgupta R, et al. Effect of early vs late inguinal hernia repair on serious adverse event rates in preterm infants: A randomized clinical trial. *JAMA.* 2024 Mar 26;331(12):1035-1044. PMID: 38530261
- Holderfield M, Lee BJ, Jiang J, ... Waters AM, et al. Concurrent inhibition of oncogenic and wild-type RAS-GTP for cancer therapy. *Nature.* 2024 May;629(8013):919-926. PMID: 38589574
- Holm TM. Returning to Miami: Vice or virtue? *Am J Surg.* 2023 Nov;226(5):603. PMID: 37652830
- Hong J, Triana RR, Ferdous Khan T, Tewari A, Yin B, Krishnan DG. Do patients with mental illness undergoing office-based sedation require an increased propofol dosage? *J Oral Maxillofac Surg.* 2024 Jul;82(7):748-755. PMID: 38643968
- Horisberger A, Griffith A, Keegan J, ... Woodle ES, et al. Blood immunophenotyping identifies distinct kidney histopathology and outcomes in patients with lupus nephritis. *bioRxiv [Preprint].* 2024 Mar 9:2024.01.14.575609. PMID: 38293222
- Horn CB, Kopchak MC, Pritts TA, Sams VG, Remick KN, Strilka RJ, Earnest RE. Quality of integration of Air Force trauma surgeons within the Center for Sustainment of Trauma and Readiness Skills, Cincinnati: A pilot study. *Mil Med.* 2023 Nov 23:usad441. Online ahead of print. PMID: 37997688
- Hsu B, Bondoc A, Cuenca AG, Hittle Gigli K, Laventhal N, Nakagawa T; Committee on Hospital Care; Section on Critical Care; Section on Surgery; Committee on Bioethics. Pediatric organ donation and transplantation: Across the care continuum. *Pediatrics.* 2023 Aug 1;152(2):e2023062923. PMID: 37483135
- Iantorno SE, Rollins MD, Austin K, Avansino JR, Badillo A, Calkins CM, Crady RC, Dickie BH, Durham MM, Frischer JS, Fuller MK, Grabowski JE, Ralls MW, Reeder RW, Rentea RM, Saadai P, Wood RJ, van Leeuwen KD, Short SS; Pediatric Colorectal and Pelvic Learning Consortium. Rectal prolapse following repair of anorectal malformation: Incidence, risk factors, and management. *J Pediatr Surg.* 2023 Aug;58(8):1588-1593. PMID: 37173214
- Iwai Y, Agala CB, Gerber DA. Integrating navigation-assisted ablation in the locoregional treatment of hepatocellular carcinoma. *JAMA Netw Open.* 2024 Feb 5;7(2):e240694. PMID: 38421644
- Iyyanar PPR, Qin C, Adhikari N, Liu H, Hu YC, Jiang R, Lan Y. Developmental origin of the mammalian premaxilla. *Dev Biol.* 2023 Nov;503:1-9. PMID: 37524195
- Jain SA. Preface. *Hand Clin.* 2023 Aug;39(3):xiii. PMID: 37453774
- Johnston ME 2nd, Farooqui ZA, Nagarajan R, Pressey JG, Turpin B, Dasgupta R. Fluorescent-guided surgery and the use of indocyanine green sentinel lymph node mapping in the pediatric and young adult oncology population. *Cancer.* 2023 Dec 15;129(24):3962-3970. PMID: 37740680
- Jurickova I, Dreskin BW, Angerman E, Bonkowski E, Tominaga K, Iwasawa K, Braun T, Takebe T, Helmrath MA, Haberman Y, Wells JM, Denson LA. Eicosatetraenoic acid regulates pro-fibrotic pathways in an induced pluripotent stem cell derived macrophage: human intestinal organoid model of Crohn's disease. *bioRxiv [Preprint].* 2024 Jan 30:2024.01.30.577959. PMID: 38352573
- Justiniano CF, Ozgur I, Liska D, Valente MA, Steele SR, Gorgun E. The role of advanced endoscopy in appendiceal polyp management and outcomes. *Surg Endosc.* 2024 Apr;38(4):2267-2272. PMID: 38438673
- Kao DD, Fuu-Kou Y, Wang CS, Lehenbauer D, Zak S, Benscoter D, Morales DL, de Alarcon A, Rutter MJ. Characteristics and outcomes of surgical treatment for bronchial anomalies. *Laryngoscope.* 2023 Dec;133(12):3334-3340. PMID: 37159210
- Karkhanis T, Byju AG, Morales DL, Zafar F, Haridas B. Composite biosynthetic graft for repair of long-segment tracheal stenosis: A pilot in vivo and in vitro feasibility study. *ASAIO J.* 2024 Jun 1;70(6):527-534. PMID: 38170278
- Kastenber ZJ, Baertschiger RM, Cuenca AG, Galvan NTN, Lemoine CP, Roach JP, Walther AE, Dunn SP, Goss JA, Healey PJ, Karpelowsky J, Kim ES, Langham MR, Meyers RL, Superina RA, Tiao GM, Weldon CB, Bondoc AJ, Riehle KJ, Vasudevan SA. Critical elements of pediatric liver cancer surgery. *Semin Pediatr Surg.* 2023 Oct;32(5):151340. PMID: 38008042
- Kastenber ZJ, Short SS, Riehle KJ, Utria A, Lautz TB, Ott KC, Murphy AJ, Mansfield S, Lal DR, Hallis B, Murphy JT, Roach JP, Polites SF, Beckhorn C, Tracy ET, Fialkowski EA, Seemann NM, Bütter AM, Rich BS, Glick RD, Bondoc AJ, Ofori-Atta BS, Presson AP, Chen SY, Zamora AK, Kim ES, Vasudevan S, Rinehardt HN, Malek MM, Lapidus-Krol E, Putra J, Superina RA, Langham MR, Meyers RL, Tiao G, Dasgupta R, Baertschiger R. Management of undifferentiated embryonal sarcoma of the liver: A Pediatric Surgical Oncology Research Collaborative study. *Pediatr Blood Cancer.* 2024 Jun;71(6):e30975. PMID: 38556718
- Kennedy U, Daugherty M, Frischer J, DeFoor W, Strine AC, Reddy PP, Sheldon C, Minevich E, VanderBrink BA. Reoperative anorectal procedures in patients with anorectal malformations: Is bladder function affected? *J Pediatr Surg.* 2023 Oct;58(10):1910-1915. PMID: 37217362
- Khan RS, Khoury PR, Zafar F, Morales DL, Chin C, Peng DM, Almond CS, Burstein DS, Odeniyi F, Wittekind SG. Functional status predicts pediatric heart transplant outcomes: A united network for organ sharing (UNOS) database study. *J Heart Lung Transplant.* 2023 Jul;42(7):964-973. PMID: 37029062

- Kharnaf M, Abplanalp WA, Young C, Sprague C, Rosenfeldt L, Smith R, Wang D, Palumbo JS, Morales DLS. Unmasking the impact of oxygenator induced hypocapnia on blood lactate in veno-arterial extracorporeal membrane oxygenation. *ASAIO J*. 2024 Mar 14. Online ahead of print. PMID: 38483814
- Kharnaf M, Zafar F, Hogue S, Rosenfeldt L, Cantrell RL, Sharma BK, Pearson A, Sprague C, Leino D, Abplanalp WA, Zelek WM, McCrae KR, Shim YJ, Morales D, Tweddell J, Qualls JE, Palumbo JS. Factor XII promotes the thromboinflammatory response in a rat model of venoarterial extracorporeal membrane oxygenation. *J Thorac Cardiovasc Surg*. Epub 2023 Sep 7. PMID: 37683721
- Khorki ME, Shi T, Cianciolo EE, Burg AR, Chukwuma PC, Picarsic JL, Morrice MK, Woodle ES, Maltzman JS, Ferguson A, Katz JD, Baker BM, Hildeman DA. Prior viral infection primes cross-reactive CD8+ T cells that respond to mouse heart allografts. *Front Immunol*. 2023 Dec 8;14:1287546. PMID: 38143762
- Kim ME, Baskar S, Janson CM, Chandler SF, Whitehill RD, Dionne A, Law MA, Domnina Y, Smith-Parrish MN, Bird GL, Banerjee M, Zhang W, Reichle G, Schumacher KR, Czosek RJ, Morales DLS, Alten JA. Epidemiology of postoperative junctional ectopic tachycardia in infants undergoing cardiac surgery. *Ann Thorac Surg*. 2024 Jun;117(6):1178-1185. PMID: 38484909
- Konstantinov IE, Cooper DKC, Adachi I, Bacha E, Bleiweis MS, Chinnock R, Cleveland D, Cowan PJ, Fynn-Thompson F, Morales DLS, Mohiuddin MM, Reichart B, Thornblatt M, Roy N, Turek JW, Urschel S, West L, Wolf E. Consensus statement on heart xenotransplantation in children: Toward clinical translation. *J Thorac Cardiovasc Surg*. 2023 Sep;166(3):960-967. PMID: 36184321
- Kotagal M, Falcone RA Jr, Daugherty M, Merkt B, Klein GL, McDonough S, Boyd SD, Geis GL, Kerrey BT. Making a move: Using simulation to identify latent safety threats before the care of injured patients in a new physical space. *J Trauma Acute Care Surg*. 2023 Sep 1;95(3):426-431. PMID: 36583615
- Krasaelap A, Duncan DR, Sabe RMM, Bhardwaj V, Lerner DG, Gold BD, Boesch RP, Faure C, von Allmen D, Williams D, Chiou E, DeBoer E, Hysinger E, Maybee J, Khlevner J, Larson K, Morris K, Jalali L, McSweeney M, Brigger MT, Greifer M, Rutter M, Williams N, Subramanian RK, Ryan MJ, Acra S, Pentiu S, Friedlander J, Sobol SE, Kaul A, Dorfman L, Darbari A, Prager JD, Rosen R, Cocjin JT, Mousa H. Pediatric aerodigestive medicine: Advancing collaborative care for children with oropharyngeal dysphagia. *J Pediatr Gastroenterol Nutr*. 2023 Oct 1;77(4):460-467. PMID: 37438891
- Krishnan DG. Blend, don't balance. *Oral Surg Oral Med Oral Pathol Oral Radiol*. 2023 Oct;136(4):395-396. PMID: 37573179
- Krishnan DG. Preserving legacies in the digital age. *J Oral Maxillofac Surg*. 2023 Dec;81(12):1451-1452. PMID: 38044009
- Krishnan DG, Schnitzer MA, Adlesic EC, Bui TG, Trowbridge TA, Schultz JD, Weber C, Harper JL. Proceedings of the Third American Association of Oral and Maxillofacial Surgeons Anesthesia Patient Safety Conference. *J Oral Maxillofac Surg*. 2023 Nov;81(11):1330-1335. PMID: 37640236
- Kulshrestha K, Greenberg JW, Guzman-Gomez AM, Kennedy JT 3rd, Hossain MM, Zhang Y, Zafar F, Morales DLS. Up to an hour of donor resuscitation does not affect pediatric heart transplantation survival. *Ann Thorac Surg*. 2024 Mar;117(3):611-618. PMID: 37271442
- Kulshrestha K, Greenberg JW, Kennedy JT 3rd, Hogue S, Winlaw DS, Ashfaq A, Zafar F, Morales DLS. The majority of pediatric Fontan patients have excellent post-transplant survival. *J Thorac Cardiovasc Surg*. 2024 Jun;167(6):2193-2203. PMID: 37774778
- Kulshrestha K, Greenberg JW, Kennedy JT 3rd, Hogue S, Zafar F, Lehenbauer D, Winlaw DS, Quintessenza JA, Morales DLS, Ashfaq A. National experience with pediatric surgical aortic valve repair: A Pediatric Health Information System analysis. *J Thorac Cardiovasc Surg*. 2024 Feb;167(2):422-430. PMID: 37385525
- Kulshrestha K, Morales DLS. It takes two: Outcomes of pediatric heart transplant candidates with renal dysfunction. *Ann Thorac Surg*. 2024 Jan;117(1):142-143. PMID: 36682605
- Kulshrestha K, Morales DLS. Good things come to those who wait: Single-institution post-heart transplant outcomes after ventricular assist device placement. *Ann Thorac Surg*. 2024 May;117(5):1043-1044. PMID: 37088406
- Kulshrestha K, Morales DLS. It's good to be young: Early survival data for COVID-19 lung transplant recipients. *Ann Thorac Surg*. 2023 Oct;116(4):828-829. PMID: 36252725
- Kulshrestha K, Morales DLS. Right ventricular dominance and Fontan failure: Where do we go from here and what is a success? *Ann Thorac Surg*. 2023 Sep;116(3):515-516. PMID: 36565736
- Kumar SS, Collings AT, Collins C, Colvin J, Sylla P, Slater BJ. Society of American Gastrointestinal and Endoscopic Surgeons guidelines development: Health equity update to standard operating procedure. *Surg Endosc*. 2024 May;38(5):2315-2319. PMID: 38575829
- Kwon EG, Kreiss J, Nicassio L, Austin K, Avansino JR, Badillo A, Calkins CM, Crady RC, Dickie B, Durham MM, Frischer J, Fuller MK, Speck KE, Reeder RW, Rentea R, Rollins MD, Saadai P, Wood RJ, van Leeuwen KD, Smith CA, Rice-Townsend SE. Variation in practice surrounding antegrade colonic enema channel placement. *J Pediatr Surg*. 2024 Apr 19. Online ahead of print. PMID: 38760309
- Labuz DF, Tobias J, Selesner L, Han X, Cunningham A, Marenco CW, Escobar MA Jr, Hazeltine MD, Cleary MA, Kotagal M, Falcone RA Jr, Vogel AM, MacArthur T, Klinkner DB, Shah A, Chernoguz A, Orioles A, Zagel A, Gosain A, Knaus M, Hamilton NA, Jafri MA. Impact of institutional prophylaxis guidelines on rates of pediatric venous thromboembolism following trauma: A multicenter study from the Pediatric Trauma Society Research Committee. *J Trauma Acute Care Surg*. 2023 Sep 1;95(3):341-346. PMID: 36872513
- Lan Y, Wu Z, Liu H, Jiang R. Lineage-specific requirements of Alx4 function in craniofacial and hair development. *Dev Dyn*. 2024 Mar 13. Online ahead of print. PMID: 38481039

- Lang J, Soddemann M, Edwards MJ, Wilson GC, Lang KS, Gulbins E. Sphingosine prevents rhinoviral infections. *Int J Mol Sci.* 2024 Feb 20;25(5):2486. PMID: 38473734
- Langenfeld SJ, Davis BR, Vogel JD, Davids JS, Temple LKF, Cologne KG, Hendren S, Hunt S, Garcia Aguilar J, Feingold DL, Lightner AL, Paquette IM; Clinical Practice Guidelines Committee of the American Society of Colon and Rectal Surgeons. The American Society of Colon and Rectal Surgeons Clinical Practice Guidelines for the Management of Rectal Cancer 2023 Supplement. *Dis Colon Rectum.* 2024 Jan 1;67(1):18-31. PMID: 37647138
- Larsen CP, Vincenti F, D Kou T, Shadur CA, Bresnahan B, Jordan SC, Woodle ES, Goes N, Vella J, Wojciechowski D, Polinsky MS, Gomez-Caminero A. Long-term safety in Epstein-Barr virus-seropositive kidney-only transplant recipients treated with belatacept in clinical practice: Final study results from the ENLiST Registry. *Transplant Direct.* 2024 May 17;10(6):e1644. PMID: 38769981
- Lautz TB, Xue W, Luo LY, Fair D, Qumseya A, Gao Z, Dasgupta R, Rodeberg D, Venkatramani R. Management and outcomes of chest wall rhabdomyosarcoma: A report from the Children's Oncology Group Soft Tissue Sarcoma Committee. *Pediatr Blood Cancer.* 2023 Jul;70(7):e30357. PMID: 37070563
- Lavryk OA, Justiniano CF, Bandi B, Floruta C, Steele SR, Hull TL. Turnbull-Cutait pull-through procedure is an alternative to permanent ostomy in patients with complex pelvic fistulas. *Dis Colon Rectum.* 2023 Dec 1;66(12):1539-1546. PMID: 37379170
- Lawera NG, Madzia J, Casey LC, Guyton RL, Woodyard De Brito KC, Kinzer A, Ulma RM, Pan BS, Schwentker AR, Leto Barone AA. Keloid intralesional excision reduces recurrence: A meta-analytic study of the available literature on 608 keloids. *Plast Reconstr Surg Glob Open.* 2024 Mar 8;12(3):e5652. PMID: 38463702
- Lee S, Ren L, Paranjpe A, Zhou P, Potter A, Huppert SS, Shin S. Rbpj deletion in hepatic progenitor cells attenuates endothelial responses in a mouse model of cholestatic liver disease. *bioRxiv [Preprint].* 2024 Apr 16:2024.04.13.589277. PMID: 38659780
- Leib N, Cheney M, Burkhardt JN, Nelson E, Diffley S, Salvator A, Davis T, Robinson FE, Brown DJ, Frasier L, Sams V, Strilka RJ. Impact of rank, provider specialty, and unit sustainment training frequency on military critical care air transport team readiness. *Mil Med.* 2024 Apr 30:usae113. Online ahead of print. PMID: 38687580
- Lellouche F, Bouchard PA, Branson RD. Impact of SpO2 targets and pulse oximeter brand on oxygen flow requirements and oxygenation. *Respir Care.* 2023 Dec 12;69(1):110-3. Online ahead of print. PMID: 37748791
- Lellouche F, Branson R. U.S. Food and Drug Administration strategy to evaluate pulse oximeters: The same cause will produce the same effects. *Am J Respir Crit Care Med.* 2024 Jun 1;209(11):1301-1303. PMID: 38452248
- Leonard LD, de Araujo TB, Quinn C, Thomas MB, Beaty L, Mott NM, Colborn K, Heelan AA, Tevis SEA, Christian N, Arhndt G, Gleisner AL. De-implementation of axillary dissection in women undergoing mastectomy for breast cancer. *Ann Surg Oncol.* 2023 Sep;30(9):5692-5702. PMID: 37326811
- Leto Barone AA, Farley G, Vieira Alves VP, Bredemeier NO, Hogan E, Madzia J, Woodyard K, Schwentker AR, Fleck RJ. Characterization of auricular growth within the pediatric population using computed tomography scan measurements. *Plast Reconstr Surg Glob Open.* 2023 Aug 16;11(8):e5210. PMID: 37593699
- Lewis JD, Groszkiewicz A, Hefelfinger L, Doherty A, Foringer A, Shaughnessy E, Heelan A, Brown AL. Clinically significant bleeding complications of percutaneous breast biopsy: 10-year analysis and a proposed management algorithm. *Clin Imaging.* 2023 Dec;104:110017. PMID: 37979400
- Li J, Deng N, He WJA, Yang C, Liu P, Albuaïnain FA, Ring BJ, Miller AG, Rotta AT, Guglielmo RD, Milési C. The effects of flow settings during high-flow nasal cannula oxygen therapy for neonates and young children. *Eur Respir Rev.* 2024 Mar 27;33(171):230223. PMID: 38537946 Review.
- Li L, Wang J, Zhao G, Topaz S, Morales D, Yoganathan A, Ballard-Croft C, Zwischenberger JB, Wang D. Percutaneous cavopulmonary assist: From design to 96 hour survival in lethal cavopulmonary failure sheep. *ASAIO J.* 2023 Aug 1;69(8):802-808. PMID: 37084284
- Liette MD, Crisologo PA, Masadeh S, Yang SH, Bergmann CB, Caldwell CC, Henning JA. A prospective analysis of the SVS Wifl classification system to stratify immediate and 1-year patient outcomes. *J Foot Ankle Surg.* 2023 Jul-Aug;62(4):661-665. PMID: 36933979
- Lin JS, Jain SA. Challenges in nerve repair and reconstruction. *Hand Clin.* 2023 Aug;39(3):403-415. PMID: 37453767 Review.
- Long SA, Amparo AM, Goodhart G, Ahmad SA, Waters AM. Evaluation of KRAS inhibitor-directed therapies for pancreatic cancer treatment. *Front Oncol.* 2024 May 10;14:1402128. PMID: 38800401 Review.
- Long JJ, Motter JD, Jackson KR, ... Gerber DA, et al. Characterizing the risk of human leukocyte antigen-incompatible living donor kidney transplantation in older recipients. *Am J Transplant.* 2023 Dec;23(12):1980-1989. PMID: 37748554
- Loria A, Ammann AM, Olowokure OO, Paquette IM, Justiniano CF. Systematic review of neoadjuvant immunotherapy for mismatch repair deficient locally advanced colon cancer: An emerging strategy. *Dis Colon Rectum.* 2024 Jun 1;67(6):762-771. PMID: 38479009
- Loria A, Tejani MA, Temple LK, Justiniano CF, Melucci AD, Becerra AZ, Monson JRT, Aquina CT, Fleming FJ. Practice patterns for organ preservation in US patients with rectal cancer, 2006-2020. *JAMA Oncol.* 2024 Jan 1;10(1):79-86. PMID: 37943566
- Luckhurst CM, Wiberg HM, Brown RL, et al. Pediatric cervical spine injury following blunt trauma in children younger than 3 years: The PEDSPINE II study. *JAMA Surg.* 2023 Nov 1;158(11):1126-1132. PMID: 37703025

- MacArthur TA, Vogel AM, Glasgow AE, ... Falcone RA Jr, Polites SF. Crystalloid volume is associated with short-term morbidity in children with severe traumatic brain injury: An Eastern Association for the Surgery of Trauma multicenter trial post hoc analysis. *J Trauma Acute Care Surg.* 2023 Jul 1;95(1):78-86. PMID: 37072882
- Malik AT, Lin JS, Jain S, Awan H, Khan SN, Goyal KS. Interspecialty variation in perioperative health care resource usage for carpal tunnel release. *Hand (N Y).* 2024 Feb 29;15589447241233710. Online ahead of print. PMID: 38420784
- Mathur AK, Shah SA. Machine perfusion and liver transplant center behavior: Answers or more questions? *Am J Transplant.* 2024 May 9;S1600-6135(24)00295-8. Online ahead of print. PMID: 38729613
- Mehl SC, Vogel AM, Glasgow AE, ... Jenkins TM, Falcone RA Jr, Polites SF. Prevalence and outcomes of high versus low ratio plasma to red blood cell resuscitation in a multi-institutional cohort of severely injured children. *J Trauma Acute Care Surg.* 2024 Mar 18. Online ahead of print. PMID: 38497936
- Metts JL, Aye JM, Crane JN, ... Dasgupta R, et al. Roadmap for the next generation of Children's Oncology Group rhabdomyosarcoma trials. *Cancer.* 2024 Jun 28. Online ahead of print. PMID: 38941509
- Miao Y, Tan C, Pek NM, Yu Z, Iwasawa K, Kechelezz DO, Sundaram N, Pastrana-Gomez V, Kishimoto K, Yang MC, Jiang C, Tchieu J, Whitsett JA, McCracken KW, Rottier RJ, Kotton DN, Helmrath MA, Wells JM, Takebe T, Zorn AM, Chen YW, Guo M, Gu M. Deciphering endothelial and mesenchymal organ specification in vascularized lung and intestinal organoids. *bioRxiv [Preprint].* 2024 Feb 7:2024.02.06.577460. PMID: 38370768
- Minneci PC, Bergus KC, Lutz C, Aldrink J, Bence C, Breech L, Dillon PA, Downard C, Ehrlich PF, Fallat M, Fraser JD, Grabowski J, Helmrath M, Hertweck P, Hewitt G, Hirschl RB, Kabre R, Lal DR, Landman M, Leys C, Mak G, Markel T, Pressey J, Raiji M, Rymeski B, Saito J, Sato TT, St Peter SD, Cooper J, Deans K; Midwest Pediatric Surgery Consortium. Reducing unnecessary oophorectomies for benign ovarian neoplasms in pediatric patients. *JAMA.* 2023 Oct 3;330(13):1247-1254. PMID: 37787794
- Moon AM, Cook S, Swier RM, Sanoff HK, Kappelman MD, Wagner LI, Barritt AS 4th, Singal AG, Shah ND, Mauro DM, Yanagihara TK, Gerber DA, Fried MW, Brown C, Waheed M, Teal R, Evon DM. Patient-reported symptoms and interest in symptom monitoring in HCC treated with locoregional therapies: A qualitative study. *Hepatol Commun.* 2023 Nov 6;7(11):e0315. PMID: 37930127
- Moon AM, Kim HP, Singal AG, ... Gerber DA. Thermal ablation compared to stereotactic body radiation therapy for hepatocellular carcinoma: A multicenter retrospective comparative study. *Hepatol Commun.* 2023 Jun 14;7(7):e00184. PMID: 37314737
- Moore RA, [Kulshrestha K](#), Burke W, Wells DA, O'Donnell A, Szugye N, Lehenbauer DG, Morales DLS. Repair of truncus arteriosus and atrioventricular septal defect: A value of virtual reality. *J Thorac Cardiovasc Surg.* 2024 Feb;167(2):434-438. PMID: 37268102
- Moran-Lev H, Kocoshis SA, Oliveira SB, Helmrath M, Cole CR. Chronic mucosal inflammation in pediatric intestinal failure patients: A unique phenomenon. *J Pediatr Gastroenterol Nutr.* 2023 Aug 1;77(2):e29-e35. PMID: 37098159
- Mun H, Lee S, Choi S, Jeong JH, Ko S, Chun YL, Deaton B, Yeager CT, Boyette A, Palmera J, Newman L, Zhou P, Shin S, Kim DC, Sagum CA, Bedford MT, Kim YK, Kwon J, Jung J, Chang JH, Yoon JH. Targeting of CYP2E1 by miRNAs in alcohol-induced intestine injury. *Mol Cells.* 2024 Jul;47(7):100074. Epub 2024 Jun 18. PMID: 38901530
- Múnera JO, Kechele DO, Bouffi C, Qu N, Jing R, Maity P, Enriquez JR, Han L, Campbell I, Mahe MM, McCauley HA, Zhang X, Sundaram N, Hudson JR, Zarsozo-Lacoste A, Pradhan S, Tominaga K, Sanchez JG, Weiss AA, Chatuvedi P, Spence JR, Hachimi M, North T, Daley GQ, Mayhew CN, Hu YC, Takebe T, Helmrath MA, Wells JM. Development of functional resident macrophages in human pluripotent stem cell-derived colonic organoids and human fetal colon. *Cell Stem Cell.* 2023 Nov 2;30(11):1434-1451.e9. PMID: 37922878
- Naik-Mathuria B, Utria AF, Ehrlich PF, Aldrink JH, Murphy AJ, Lautz T, Dasgupta R, Short SS, Lovvorn HN 3rd, Kim ES, Newman E, Lal DR, Rich BS, Piché N, Kastenber ZJ, Malek MM, Glick RD, Petroze RT, Polites SF, Whitlock R, Alore E, Sutthartarn P, Chen SY, Wong-Michalak S, Romao RL, Al-Hadidi A, Rubalcava NS, Marquart JP, Gainer H, Johnson M, Boehmer C, Rinehardt H, Seemann NM, Davidson J, Polcz V, Lund SB, McKay KG, Correa H, Rothstein DH. Management and outcomes of Wilms tumor with suprarenal intravascular extension: A Pediatric Surgical Oncology Research Collaborative study. *Ann Surg.* 2024 Mar 1;279(3):528-535. PMID: 37264925
- Nappi F, Alzamil A, Avtaar Singh SS, Spadaccio C, Bonnet N. Current knowledge on the interaction of human cytomegalovirus infection, encoded miRNAs, and acute aortic syndrome. *Viruses.* 2023 Sep 29;15(10):2027. PMID: 37896804 Review.
- Nappi F, Gambardella I, Singh SSA, Salsano A, Santini F, Spadaccio C, Biancari F, Dominguez J, Fiore A. Survival following acute type A aortic dissection: A multicenter study. *J Thorac Dis.* 2023 Dec 30;15(12):6604-6622. PMID: 38249919
- Nappi F, Schoell T, Spadaccio C, Acar C, da Costa FDA. A literature review on the use of aortic allografts in modern cardiac surgery for the treatment of infective endocarditis: Is there clear evidence or is it merely a perception? *Life (Basel).* 2023 Sep 28;13(10):1980. PMID: 37895362 Review.
- Nayak K, Krishnan D. Things we lost in the fire: A conversation "A Tale of Two Extremities". *J Maxillofac Oral Surg.* 2023 Dec;22(4):747-748. PMID: 38105813
- Nenna A, Laudisio A, Taffon C, Fogolari M, Spadaccio C, Ferrisi C, Loreni F, Giacinto O, Mastroianni C, Barbato R, Rose D, Salsano A, Santini F, Angeletti S, Crescenzi A, Antonelli Incalzi R, Chello M, Lusini M. Intestinal microbiota and derived metabolites in myocardial fibrosis and postoperative atrial fibrillation. *Int J Mol Sci.* 2024 May 30;25(11):6037. PMID: 38892223

- Nussbaum DP, Martz CA, Waters AM, Barrera A, Liu A, Rutter JC, Cerda-Smith CG, Stewart AE, Wu C, Cakir M, Levandowski CB, Kantrowitz DE, McCall SJ, Pierobon M, Petricoin EF 3rd, Joshua Smith J, Reddy TE, Der CJ, Taatjes DJ, Wood KC. Mediator kinase inhibition impedes transcriptional plasticity and prevents resistance to ERK/MAPK-targeted therapy in KRAS-mutant cancers. *NPJ Precis Oncol.* 2024 May 31;8(1):124. PMID: 38822082
- Oberoi S, Crane JN, Haduong JH, Rudzinski ER, Wolden SL, Dasgupta R, Linardic CM, Weiss AR, Venkatramani R; the Children's Oncology Group Soft Tissue Sarcoma Committee. Children's Oncology Group's 2023 blueprint for research: Soft tissue sarcomas. *Pediatr Blood Cancer.* 2023 Sep;70 Suppl 6(Suppl 6):e30556. PMID: 37430436
- Ochoa TA, Rossi A, Woodle ES, Hildeman D, Allman D. The proteasome inhibitor bortezomib induces p53-dependent apoptosis in activated B cells. *J Immunol.* 2024 Jan 1;212(1):154-164. PMID: 37966267
- O'Connell AE, Raveenthiraraj S, Oliveira LFS, Adegboye C, Dasuri VS, Qi W, Khetani RS, Singh A, Sundaram N, Lin J, Nandivada P, Rincón-Cruz L, Goldsmith JD, Thiagarajah JR, Carlone DL, Turner JR, Agrawal PB, Helmrath M, Breault DT. WNT2B deficiency causes enhanced susceptibility to colitis due to increased inflammatory cytokine production. *Cell Mol Gastroenterol Hepatol.* 2024 Apr 30;18(2):101349. Online ahead of print. PMID: 38697357
- O'Connor MJ, Shezad M, Ahmed H, Amdani S, Auerbach SR, Bearl DW, Butto A, Byrnes JW, Conway J, Dykes JC, Glass L, Lantz J, Law S, Mongé MC, Morales DLS, Parent JJ, Peng DM, Ploutz MS, Puri K, Shugh S, Shwaish NS, VanderPluym CJ, Wilkens S, Wright L, Zinn MD, Lorts A. Expanding use of the HeartMate 3 ventricular assist device in pediatric and adult patients within the Advanced Cardiac Therapies Improving Outcomes Network (ACTION). *J Heart Lung Transplant.* 2023 Nov;42(11):1546-1556. PMID: 37419295
- Ogobuiro I, Baca Y, Ribeiro JR, Walker P, Wilson GC, Gulhati P, Marshall JL, Shroff RT, Spetzler D, Oberley MJ, Abbott DE, Kim HJ, Kooby DA, Maithel SK, Ahmad SA, Merchant NB, Xiu J, Hosein PJ, Datta J. Multiomic characterization reveals a distinct molecular landscape in young-onset pancreatic cancer. *JCO Precis Oncol.* 2023 Sep;7:e2300152. PMID: 37944072
- O'Neill AF, Meyers RL, Katzenstein HM, Geller JI, Tiao GM, López-Terrada D, Malogolowkin M; Liver Tumor Committee. Children's Oncology Group's 2023 blueprint for research: Liver tumors. *Pediatr Blood Cancer.* 2023 Sep;70 Suppl 6(Suppl 6):e30576. PMID: 37495540
- Ost DE, Feller-Kopman DJ, Gonzalez AV, Grosu HB, Herth F, Mazzone P, Park JES, Porcel JM, Shojaee S, Tsiligianni I, Vachani A, Bernstein J, Branson R, Flume PA, Akdis CA, Kolb M, Portela EB, Smyth A. Reporting standards for diagnostic testing: Guidance for authors from editors of respiratory, sleep, and critical care journals. *J Bronchology Interv Pulmonol.* 2023 Jul 1;30(3):207-222. PMID: 37070780
- Ozgun I, Justiniano CF, Valente MA, Holubar SD, Steele SR, Gorgun E. Are large ileocecal valve lesions amenable with advanced endoscopic management to avoid bowel resection? *Surg Endosc.* 2023 Jul;37(7):5320-5325. PMID: 36991268
- Panayotova GG, Lunsford KE, Quillin RC 3rd, Rana A, Agopian VG, Lee-Riddle GS, Markovic D, Paterno F, Griesemer AD, Amin A, Alonso D, Rocca JP, Borja-Cacho D, Hernandez-Alejandro R, Fung JJ, Pelletier SJ, Shah SA, Guarrera JV. Portable hypothermic oxygenated machine perfusion for organ preservation in liver transplantation: A randomized, open-label, clinical trial. *Hepatology.* 2024 May 1;79(5):1033-1047. PMID: 38090880
- Patel KF, Ni P, Surette KE, Rencken CA, Rodríguez-Mercedes SL, McGwin MB, Fabia R, Tully C, Warner P, Romanowski KS, Palmieri T, Stoddard FJ Jr, Schneider JC, Kazis LE, Ryan CM. Development of the Preschool Life Impact Burn Recovery Evaluation (PS-LIBRE1-5) Profile. *J Burn Care Res.* 2024 Jan 5;45(1):136-144. PMID: 37703100
- Patel SH, Wilson GC, Wu Y, Keitsch S, Wilker B, Mattarei A, Ahmad SA, Szabo I, Gulbins E. Sphingosine is involved in PAPTTP-induced death of pancreas cancer cells by interfering with mitochondrial functions. *J Mol Med (Berl).* 2024 Jul;102(7):947-959. PMID: 38780771
- Patel SV, Liberman SA, Burgess PL, Goldberg JE, Poylin VY, Messick CA, Davis BR, Feingold DL, Lightner AL, Paquette IM. The American Society of Colon and Rectal Surgeons clinical practice guidelines for the reduction of venous thromboembolic disease in colorectal surgery. *Dis Colon Rectum.* 2023 Sep 1;66(9):1162-1173. PMID: 37318130
- Peng DM, Davies RR, Simpson KE, Shugh SB, Morales DLS, Jacobs JP, Butto A, Joong A, Conway J, Schindler K, Griffiths ER, Koehl D, Cantor RS, Kirklin JK, Rossano JW, Adachi I; Pedimacs Investigators. Seventh annual Society of Thoracic Surgeons Pedimacs report. *Ann Thorac Surg.* 2024 Apr;117(4):690-703. PMID: 38123046
- Perry T, Greenberg JW, Cooper DS, Smith R, Benscoter AL, Koh W, Ryan TD, Lehenbauer DG, Brown TN, Zafar F, Thiagarajan RR, Sweberg TM, Morales DL. Balloon atrial septostomy versus left atrial cannulation for left heart decompression in children with dilated cardiomyopathy and myocarditis on extracorporeal membrane oxygenation: An ELSO registry analysis. *Perfusion.* 2023 Dec 5;2676591231220816. Online ahead of print. PMID: 38053305
- Peters AL, DePasquale EAK, Begum G, Roskin KM, Woodle ES, Hildeman DA. Defining the T cell transcriptional landscape in pediatric liver transplant rejection at single cell resolution. *bioRxiv [Preprint].* 2024 Feb 29:2024.02.26.582173. PMID: 38464256
- Petrossian G, Ortiz J, Ortiz AC, Addonizio K, Hsiao A, James R, Koizumi N, Patel S, Plews R. Increased CMV disease and "severe" BK viremia with belatacept vs. sirolimus three-drug maintenance immunosuppression. *Transpl Immunol.* 2023 Aug;79:101857. PMID: 37201797
- Pode-Shakked N, Slack M, Sundaram N, Schreiber R, McCracken KW, Dekel B, Helmrath M, Kopan R. RAAS-deficient organoids indicate delayed angiogenesis as a possible cause for autosomal recessive renal tubular dysgenesis. *Nat Commun.* 2023 Dec 9;14(1):8159. PMID: 38071212

- Poling HM, Singh A, Krutko M, Reza AA, Srivastava K, Wells JM, Helmrath MA, Esfandiari L. Promoting human intestinal organoid formation and stimulation using piezoelectric nanofiber matrices. *bioRxiv [Preprint]*. 2024 Jun 14:2024.06.12.598673. PMID: 38915647
- Polites SF, Rhee DS, Routh JC, Lautz TB, Rodeberg DA, Dasgupta R. Critical elements of pediatric rhabdomyosarcoma surgery. *Semin Pediatr Surg*. 2023 Oct;32(5):151341. PMID: 38042091
- Poylin VY, Shaffer VO, Felder SI, Goldstein LE, Goldberg JE, Kalady MF, Lightner AL, Feingold DL, Paquette IM; Clinical Practice Guidelines Committee of the American Society of Colon and Rectal Surgeons. The American Society of Colon and Rectal Surgeons Clinical Practice Guidelines for the Management of Inherited Adenomatous Polyposis Syndromes. *Dis Colon Rectum*. 2024 Feb 1;67(2):213-227. PMID: 37682806
- Pratt CG, Van Haren RM. Three tenets of surgeon quality: Medically fit patient, surgically resectable tumor, and oncologic benefit from resection. *Ann Surg Oncol*. 2024 Feb;31(2):691-693. PMID: 37952019
- Pratt CG, Whitrock JN, Shah SA, Fong ZV. How to determine unresectability in hilar cholangiocarcinoma. *Surg Clin North Am*. 2024 Feb;104(1):197-214. PMID: 37953036 Review.
- Price AD, Baucom MR, Becker ER, Archdeacon CM, Smith MP, Caskey C, Schuster R, Blakeman TC, Strilka RJ, Pritts TA, Goodman MD. Hypobaric during aeromedical evacuation and systemic inflammation after porcine traumatic brain injury. *J Am Coll Surg*. 2024 May 21. Online ahead of print. PMID: 38770953
- Price AD, Baucom MR, Blakeman TC, Smith M, Gomaa D, Caskey C, Pritts T, Strilka R, Branson RD, Goodman MD. Just say NO: Inhaled nitric oxide effect on respiratory parameters following traumatic brain injury in humans and a porcine model. *J Surg Res*. 2024 Apr;296:497-506. PMID: 38325012
- Price AD, Chae RC, Wallen TE, Becker ER, Baucom MR, Schuster RM, England L, Pritts TA, Goodman MD. Direct red blood cell effect on thrombosis is dependent on the interaction of tissue factor and calcium with membrane phosphatidylserine. *J Trauma Acute Care Surg*. 2024 Jul 1;97(1):57-64. PMID: 38605437
- Price AD, Foote DC, Woeste MR, Winer LK, Montgomery KB, Al Yafi M, Nahmias JT, Postlewait LM, Sutton JM, Quillin RC; US ROPE Consortium; Cortez AR. Defining the disparity: A multi-institutional analysis of factors associated with decreased resident operative experience. *J Surg Res*. 2024 Jan;293:647-655. PMID: 37837821
- Pritts TA. Long-term impact of trauma in twins. *JAMA Surg*. 2023 Jul 1;158(7):746. PMID: 37195710
- Rabinowitz Y, Williams S, Triana RR, Khan MTF, Hooker KJ, Dubey A, Tewari A, Holmes E, Phero JA. Assessing the efficacy of buffered versus nonbuffered lidocaine in dental extractions: A double-blinded randomized controlled trial. *J Oral Maxillofac Surg*. 2024 Jun;82(6):684-691. PMID: 38554734
- Ravi P, Burch MB, Giannopoulos AA, Liu I, Kondor S, Chepelev LL, Danesi TH, Rybicki FJ, Panza A. Desktop 3D printed anatomic models for minimally invasive direct coronary artery bypass. *3D Print Med*. 2024 Jun 12;10(1):19. PMID: 38864937
- Reiter AJ, Huang L, Craig BT, ... Dasgupta R, Lautz TB; Pediatric Surgical Oncology Research Collaborative. Survival outcomes in pediatric patients with metastatic Ewing sarcoma who achieve a rapid complete response of pulmonary metastases. *Pediatr Blood Cancer*. 2024 Jul;71(7):e31026. Epub 2024 Apr 28. PMID: 38679864
- Ring BJ. A tangled web of association: The infamous Table 2. *Respir Care*. 2024 Jan 24;69(2):263-267. PMID: 38267227
- Roach DJ, Szugye NA, Moore RA, Hossain MM, Morales DLS, Hayes D Jr, Towe CT, Zafar F, Woods JC. Improved donor lung size matching by estimation of lung volumes based on chest X-ray measurements. *Pediatr Transplant*. 2023 Dec;27(8):e14594. PMID: 37655840
- Roberts B, Cooke-Barber J, Ingram MC, Danko M, Trudeau M, Glick RD, Short SS, Robertson DJ, Raval MV, Dasgupta R, Rich BS; American Academy of Pediatrics Section on Surgery Delivery of Surgical Care Committee. Disparities in care of pediatric, adolescent, and young adult patients with solid tumors: A systematic review. *Pediatr Blood Cancer*. 2023 Jul;70(7):e30355. PMID: 37066595 Review.
- Rust AR, Jain SA. The relationship between the wrist flexion creases and the volar radiocarpal joint: A cadaveric study. *Hand (N Y)*. 2023 Dec 24:15589447231217760. Online ahead of print. PMID: 38142433
- Rust A, Samade R, Campbell AB, McManus T, Jain SA. Time to surgery and outcomes following open reduction and internal fixation of both-bone forearm fractures. *Eur J Orthop Surg Traumatol*. 2024 Jan;34(1):135-142. PMID: 37368153
- Safaya A, Yang S, Giglia JS, Moura Leite JO. Ipsilateral dual cannulation is associated with wound complications following veno-arterial ECMO decannulation. *J Cardiovasc Surg (Torino)*. 2024 Jun;65(3):296-301. PMID: 39007557
- Sargent B, Varela K, Eggett D, McKenna E, Bates C, Brown R, Garcia V, Howell L. Modeling of the chest wall response to prolonged bracing in pectus carinatum. *PLoS One*. 2023 Aug 14;18(8):e0288941. PMID: 37578962
- Schaaf L, Ley S, Riegler A, Poetker A, Xanthakos S, Sizemore J, Crimmins N, Helmrath M, Tracy R, Arce-Clachar AC, Crail J, Morwessel N, Frenck K, Tariq F, Shah AS. Development and implementation of a multidisciplinary clinic focused on the care of adolescents with youth-onset type 2 diabetes. *J Multidiscip Healthc*. 2023 Sep 20;16:2799-2807. PMID: 37750161
- Schneider K, de Loizaga S, Beck AF, Morales DLS, Seo J, Divanovic A. Socioeconomic influences on outcomes following congenital heart disease surgery. *Pediatr Cardiol*. 2024 Jun;45(5):1072-1078. PMID: 38472658
- Senthilkumar G, Kothari AN, Maduekwe UN, Fournier K, Abbott DE, Wilson GC, Patel SH, Greer J, Johnston F, Dineen SP, Powers BD, Baumgartner J, Veerapong J, Leiting J, Grotz TE, Maithel SK, Staley C, Raoof M, Lambert L, Lee A, Kim A, Cloyd JM, Mogal H. Validation of the AJCC 8th Edition staging system for disseminated appendiceal cancer patients treated with cytoreductive surgery and hyperthermic intraperitoneal chemotherapy: A multi-institutional analysis. *Ann Surg Oncol*. 2023 Sep;30(9):5743-5753. PMID: 37294386

- SenthilKumar G, Merrill J, Maduekwe UN, Cloyd JM, Fournier K, Abbott DE, Zafar N, Patel S, Johnston F, Dineen S, Baumgartner J, Grotz TE, Maithel SK, Raoof M, Lambert L, Hendrix R, Kothari AN. Prediction of early recurrence following CRS/HIPEC in patients with disseminated appendiceal cancer. *J Surg Res.* 2023 Dec; 292:275-288. PMID: 37666090
- Shah SA. Changing paradigm of liver transplantation and transplant oncology. *Surg Clin North Am.* 2024 Feb;104(1):xvii. PMID: 37953045
- Shi T, Burg AR, Caldwell JT, Roskin KM, Castro-Rojas CM, Chukwuma PC, Gray GI, Foote SG, Alonso JA, Cuda CM, Allman DA, Rush JS, Regnier CH, Wieczorek G, Alloway RR, Shields AR, Baker BM, Woodle ES, Hildeman DA. Single-cell transcriptomic analysis of renal allograft rejection reveals insights into intragraft TCR clonality. *J Clin Invest.* 2023 Jul 17;133(14):e170191. PMID: 37227784
- Sili U, Tekin A, Bilgin H, Khan SA, Domecq JP, Vadgaonkar G, Segu SS, Rijhwani P, Raju U, Surapaneni KM, Zabolotskikh I, Gomaa D, Goodspeed VM, Ay P; Society of Critical Care Medicine Discovery Viral Infection and Respiratory Illness Universal Study (VIRUS): COVID-19 Registry Investigator Group. Early empiric antibiotic use in COVID-19 patients: Results from the international VIRUS registry. *Int J Infect Dis.* 2024 Mar;140:39-48. PMID: 38128643
- Sisak S, Chae RC, Nelson KE, Schuster RM, Perez EC, England LG, Caldwell CC, Lentsch AB, Goodman MD, Pritts TA. Microvesicles from stored red blood cells induce P-selectin and von Willebrand factor release from endothelial cells via a protein kinase C-dependent mechanism. *Transfus Apher Sci.* 2024 Apr;63(2): 103890. PMID: 38355315
- Sisak S, Price AD, Foote DC, ... Holm TM. A multi-institutional study from the US ROPE consortium examining factors associated with endocrine surgery exposure for general surgery residents. *Surgery.* 2024 Jan;175(1):107-113. PMID: 37953151
- Sohal DPS, Boutin RD, Lenchik L, Kim J, Beg MS, Wang-Gillam A, Wade JL 3rd, Guthrie KA, Chiorean EG, Ahmad SA, Lowy AM, Philip PA, Chang VT. Body composition measurements and clinical outcomes in patients with resectable pancreatic adenocarcinoma - analysis from SWOG S1505. *J Gastrointest Surg.* 2024 Mar;28(3): 232-235. PMID: 38445914
- Somers KM, Tabbouche RB, Bondoc A, Towbin AJ, Ranganathan S, Tiao G, Geller JI. Retreatment with cisplatin may provide a survival advantage for children with relapsed/refractory hepatoblastoma: An institutional experience. *Cancers (Basel).* 2023 Aug 1;15(15):3921. PMID: 37568737
- Sood EM, Bomfim F, Delmonte A, DeSantis K, James R, Koizumi N, Plews R, Ortiz J. Elevated liver enzymes at the time of deceased donor organ donation do not affect recipient or pancreas allograft survival following pancreas transplantation. *HPB (Oxford).* 2024 Apr 24:S1365-182X(24)01278-4. Online ahead of print. PMID: 38763805
- Spadaccio C, Nenna A, Henkens A, et al. Predictors of long-term stenosis in bicuspid aortic valve repair. *J Thorac Cardiovasc Surg.* 2024 Feb;167(2):611-621.e6. PMID: 35659121
- Spadaccio C, Rose D, Candura D, Lopez Marco A, Cerillo A, Stefano P, Nasso G, Ramoni E, Fattouch K, Minacapelli A, Oo AY, Speciale G, Shelton K, Berra L, Bose A, Moscarelli M. Effect of hospital-associated SARS-CoV-2 infections in cardiac surgery: A multicenter study. *Ann Thorac Surg.* 2024 Jan;117(1):213-219. PMID: 35690139
- Spadaccio C, Salsano A, Pisani A, Nenna A, Nappi F, Osho A, D'Alessandro D, Sundt TM, Crestanello J, Engelman D, Rose D. Enhanced recovery protocols after surgery: A systematic review and meta-analysis of randomized trials in cardiac surgery. *World J Surg.* 2024 Apr;48(4):779-790. PMID: 38423955
- Starr BW, Chung KC. Internal Brace for intercarpal ligament reconstruction. *Hand Clin.* 2023 Aug;39(3):379-388. Review. PMID: 37453765
- Swertfeger D, Kim A, Sexmith H, Moreno-Fernandez ME, Davidson WS, Helmrath M, Jenkins T, Okura T, Geh E, Xanthakos SA, Szabo S, Nakamura T, Divanovic S, Shah AS. Presurgery health influences outcomes following vertical sleeve gastrectomy in adolescents. *Obesity (Silver Spring).* 2024 Jun;32(6):1187-1197. PMID: 38664233
- Szogye NA, Mahalingam N, Somasundaram E, Villa C, Segala J, Segala M, Zafar F, Morales DLS, Moore RA. Deep learning for automated measurement of total cardiac volume for heart transplantation size matching. *Pediatr Cardiol.* 2024 Apr 3. Online ahead of print. PMID: 38570368
- Talbot LJ, Lautz TB, Aldrink JH, Ehrlich PF, Dasgupta R, Mattei P, Tracy ET, Glick RD, Grant CM, Brown EG, Christison-Lagay ER, Rodeberg DA. Implications of immunotherapy for pediatric malignancies: A summary from the APSA Cancer Committee. *J Pediatr Surg.* 2023 Nov;58(11):2119-2127. PMID: 37550134 Review.
- Tasian GE, Dickinson K, Park G, Marchesani N, Mittal A, Cheng N, Ching CB, Chu DI, Walton R, Yonekawa K, Gluck C, Muneeruddin S, Kan KM, DeFoor W, Rove K, Forrest CB. Distinguishing characteristics of pediatric patients with primary hyperoxaluria type 1 in PEDSnet. *J Pediatr Urol.* 2024 Feb;20(1):88.e1-88.e9. PMID: 37848358
- Temple H, Donnelly B, Mohanty SK, Mowery S, Poling HM, Pasula R, Hartman S, Singh A, Mourya R, Bondoc A, Meller J, Jegga AG, Oyama K, McNeal M, Spearman P, Tiao G. Specific binding sites on Rhesus rotavirus capsid protein dictates the method of endocytosis inducing the murine model of biliary atresia. *Am J Physiol Gastrointest Liver Physiol.* 2024 Jun 11. Online ahead of print. PMID: 38860860
- Thangappan K, Zafar F, Ahmed HF, Greenberg JW, Ashfaq A, Hirsch R, Chin C, Lehenbauer D, O'Donnell A, Morales DLS. Is the practice of using oversized organs for recipients with elevated pulmonary vascular resistance justified? *J Thorac Cardiovasc Surg.* 2023 Dec;166(6):1766-1779. PMID: 36163295
- Trinidad S, Garrison A, Encisco EM, Canteria R, VanderBrink B, Strine A, Reddy P, Kotagal M, Rosen N, Rymeski B, Frischer JS. Long-term male sexual function and fecal incontinence outcomes for adult patients with Hirschsprung disease or anorectal malformation. *J Pediatr Surg.* 2023 Aug;58(8): 1573-1577. PMID: 37221125

- Trinidad S, Jensen A, Holder M, Elsner A, Rosen N, Garrison A, Rymeski B, Frischer JS. Sacral nerve stimulation in children with medically refractory fecal incontinence or severe constipation. *J Pediatr Surg.* 2023 Aug;58(8):1594-1599. PMID: 37221127
- Trinidad S, McKenna E, Jenkins T, Bates C, Garcia VF, Brown RL. Outcomes from a nurse practitioner led dynamic compression system bracing program for pectus carinatum. *J Pediatr Surg.* 2024 May;59(5):950-955. PMID: 37973419
- Turner KM, Delman AM, Griffith A, Wima K, Patel SH, Wilson GC, Shah SA, Van Haren RM. Feeding jejunostomy tube in patients undergoing esophagectomy: Utilization and outcomes in a nationwide cohort. *World J Surg.* 2023 Nov;47(11):2800-2808. PMID: 37704891
- Turner KM, Delman AM, Lim [Long] SA, Marasligiller S, Ammann AM, Vaysburg DM, Wallen TE, Ahmad SA, Wilson GC, Patel SH. Contemporary outcomes of grade-C postoperative pancreatic fistula in a nationwide database. *J Surg Res.* 2024 Apr;296: 302-309. PMID: 38306935
- Turner KM, Wilson GC. Improving long-term care of patients with chronic pancreatitis: In reply to Bardenhagen and Izbicki. *J Am Coll Surg.* 2024 Jun 1;238(6):1167-1168. PMID: 38251729
- Turner KM, Wilson GC, Patel SH, Ahmad SA. ASO Practice Guidelines Series: Management of resectable, borderline resectable, and locally advanced pancreas cancer. *Ann Surg Oncol.* 2024 Mar;31(3):1884-1897. PMID: 37980709 Review.
- Ullrich S, Austin K, Avansino JR, Badillo A, Calkins CM, Crady RC, Durham MM, Fuller MK, Rana A, Reeder RW, Rentea RM, Rollins MD, Saadai P, Speck KE, Wood RJ, van Leeuwen K, Frischer JS; Pediatric Colorectal and Pelvic Learning Consortium. Does delayed diagnosis of Hirschsprung disease impact post-operative and functional outcomes? A multi-center review from the Pediatric Colorectal and Pelvic Learning Consortium. *J Pediatr Surg.* Epub 2024 Mar 18. PMID: 38677965
- Ullrich S, Denning NL, Holder M, Wittenberg R, Krebs K, Schwan A, Verderber A, Garrison AP, Rymeski B, Rosen N, Frischer JS. Does length of extended resection beyond transition zone change clinical outcome for Hirschsprung pull-through? *J Pediatr Surg.* 2024 Jan;59(1):86-90. PMID: 37865574
- Ullrich SJ, Frischer JS. Surgical management of complicated Crohn's disease. *Semin Pediatr Surg.* 2024 Apr;33(2):151399. PMID: 38642531 Review.
- Unsinger J, Osborne D, Walton AH, Han E, Sheets L, Mazer MB, Remy KE, Griffith TS, Rao M, Badovinac VP, Brackenridge SC, Turnbull I, Efron PA, Moldawer LL, Caldwell CC, Hotchkiss RS. Temporal changes in innate and adaptive immunity during sepsis as determined by ELISpot. *Shock.* 2024 May 3. Online ahead of print. PMID: 38754032
- Van Haren RM, Kovacic MB, Delman AM, Pratt CG, Griffith A, Arbili L, Harvey K, Kohli E, Pai A, Topalian A, Rai SN, Shah SA, Kues J. Disparities associated with decision to undergo oncologic surgery: A prospective mixed-methods analysis. *Ann Surg Oncol.* 2024 Jun 13. Online ahead of print. PMID: 38869765
- Vinnakota M, Bellur K, Starnes SL, Schulz MJ. Scaling a hydraulic motor for minimally invasive medical devices. *Micromachines (Basel).* 2024 Jan 12;15(1):131. PMID: 38258250
- Wainstein MD, Talbot BA, Lang J, Nkansah-Amankra K, Cuffy M, Ekwenna O. A quality analysis of donor nephrectomy-related information on YouTube: Education or misinformation? *Transplant Proc.* 2023 Nov;55(9):2041-2045. PMID: 37783592
- Wakefield CJ, Baucom M, Sisak S, Seder CW, Janowak CF. Pectoralis muscle index as predictor of outcomes in patients with severe blunt chest wall injury. *J Surg Res.* Epub 2024 Jun 1. PMID: 38824855
- Walcutt JE, Kline-Fath BM, Zhang B, Lim FY, Habli MA, Divanovic AA, Nagaraj UD. Fetal magnetic resonance imaging, ultrasound, and echocardiography findings in twin reversed arterial perfusion sequence. *Pediatr Radiol.* 2024 May;54(5):702-714. PMID: 38488924
- Wallen TE, Morris M, Ammann A, Baucom MR, Price A, Schuster R, Makley AT, Goodman MD. Platelet function is independent of sphingolipid manipulation. *J Surg Res.* 2024 May 24;300:25-32. Online ahead of print. PMID: 38795670
- Wannes Daou A, Wallace C, Barker M, Ambrosino T, Towe C, Morales DLS, Wikenheiser-Brokamp KA, Hayes D Jr, Burg G. Flexible bronchoscopy in pediatric lung transplantation. *Pediatr Transplant.* 2024 Jun;28(4):e14757. PMID: 38695266 Review.
- Wattenberg MM, Colby S, Garrido-Laguna I, ... Ahmad SA, et al. Intratumoral cell neighborhoods coordinate outcomes in pancreatic ductal adenocarcinoma. *Gastroenterology.* 2024 Jun;166(6):1114-1129. PMID: 38244727
- Whitham T, Wima K, Harnett B, Kues JR, Eckman MH, Starnes SL, Schmidt KA, Kapur S, Salfity H, Van Haren RM. Lung cancer screening utilization rate varies based on patient, provider, and hospital factors. *J Thorac Cardiovasc Surg.* 2023 Nov;166(5):1331-1339. PMID: 36934071
- Whitrock JN, Carter MM, Leonard LD, Lewis JD, Shaughnessy EA, Heelan AA. Axillary management in breast cancer after neoadjuvant chemotherapy in the modern era: A national cancer database analysis. *Surgery.* 2024 Mar;175(3):687-694. PMID: 37880050
- Whitrock JN, Chae RC, Kinzer AB, Delman AM, Price AD, Sisak S, Carter MM, Cuffy MC, Lemon KH, Chang AL, Silski LS, Quillin RC 3rd, Shah SA. Long-term follow-up of temporary abdominal closure in complex abdomens during liver transplant. *Surgery.* 2023 Oct;174(4):996-1000. PMID: 37582668
- Whitrock JN, Justiniano CF. Management of colorectal cancer with synchronous liver metastases. *Dis Colon Rectum.* 2024 Jan 1;67(1):13-16. PMID: 37878464
- Whitrock JN, Pratt CG, Shah SA. Expanding MELD exceptions for colorectal liver metastasis: Data and policy. *Curr Opin Organ Transplant.* 2024 Jun 1;29(3):195-199. PMID: 38483122 Review.
- Whitrock JN, Price AD, Delman AM, Pratt CG, Silski LS, Lemon KH, Chang AL, Cuffy MC, Quillin RC, Shah SA. Safety and use of late-turndown liver allografts to increase rate of transplantation. *HPB (Oxford).* 2024 Jun 22. Online ahead of print. PMID: 38960764

Whitrock JN, Price AD, Shah SA. Through thick and thin: Risk of venous thromboembolism vs bleeding after abdominal transplant. *Surg Open Sci. eCollection* 2023 Aug. PMID: 37409073

Wiemer SJ, Mediratta JK, Triana RR, ... Krishnan DG. What is the incidence of anesthesia-related adverse events in oral and maxillofacial surgery offices? A review of 61,237 sedation cases from a large private practice consortium. *J Oral Maxillofac Surg.* 2024 Apr 25. Online ahead of print. PMID: 38750658

Wilson GC, Keitsch S, Soddemann M, Wilker B, Edwards MJ, Gulbins E. Role of tyrosine nitrosylation in stress-induced major depressive disorder: Mechanisms and implications. *Int J Mol Sci.* 2023 Sep 27;24(19):14626. PMID: 37834072

Winicki NM, Radomski SN, Florissi IS, ... Patel SH, Wilson GC, et al. Neighborhood-level socioeconomic disadvantage predicts outcomes in cytoreductive surgery and hyperthermic intraperitoneal chemotherapy for peritoneal malignancy. *Ann Surg Oncol.* 2023 Nov;30(12):7840-7847. PMID: 37620532

Woodyard KC, Hogan E, Dembinski DR, Madzia J, Guyton L, Janowak CF, Pan BS, Gobble RM. A review of meta-analyses in plastic surgery: Need for adequate assessment of publication bias. *J Surg Res.* 2024 Apr;296:781-789. PMID: 37543495 Review.

Woodyard KC, Lee E, Ferguson R, Dembinski D, Effendi M, Janowak CF, Gobble RM. Surgical fellowships demonstrate variable improvement in gender representation despite greater female enrollment in general surgery residencies. *J Surg Educ.* 2023 Aug;80:1104-1112. PMID: 37336666

Woodyard De Brito KC, Phelan KJ, Seitz, AP, Nathwani JN, Janowak CF. Hierarchical clustering for the identification of distinct rib fracture patterns. *Current Challenges in Thoracic Surgery* 2024; 6:5.

Xu J, Iyyanar PPR, Lan Y, Jiang R. Sonic hedgehog signaling in craniofacial development. *Review. Differentiation.* 2023 Sep-Oct;133:60-76. PMID: 37481904

Xue M, Dong L, Zhang H, ... Timchenko N, et al. METTL16 promotes liver cancer stem cell self-renewal via controlling ribosome biogenesis and mRNA translation. *J Hematol Oncol.* 2024 Feb 1;17:7. PMID: 38302992

Yamani AS, Morris MC, Schragger JJ, Athota KP, Sams VG. A case of acute colonic pseudo-obstruction, sigmoid volvulus, and massive pneumoperitoneum in a young female patient. *Int J Surg Case Rep.* 2024 Apr;117:109558. PMID: 38518469

Yi X, Xie Y, Gerber DA. Pancreas patch grafting to treat type 1 diabetes. *Biochem Biophys Res Comm.* 2023 Dec 17;686:149200. PMID: 37926045

Zeineddin S, Aldrink JH, Bering J, ... Dasgupta R, et al. Multi-institutional assessment of the prevalence of neuroendocrine tumors in children undergoing laparoscopic appendectomy for acute appendicitis in the United States. *Pediatr Blood Cancer.* 2023 Nov;70(11):e30620. PMID: 37555297

Zingg SW, Elterman J, Proctor M, Salvator A, Cheney M, Hare J, Davis WT, Rosenberry N, Brown DJ, Earnest R, Robinson FE, Pritts TA, Strilka R. Descriptive analysis of intratheater critical care air transport team patient movements during troop drawdown: Afghanistan (2017-2019). *Mil Med.* 2023 Aug 29;188(9-10):3086-3094. PMID: 35446424 Review.

Zingg SW, Lemon K. Donor viral hepatitis and liver transplantation. *Surg Clin North Am.* 2024 Feb;104(1):67-77. PMID: 37953041 Review.

Selected Chapters:

Ahmad SA, Wilson GC, Patel SH. Pancreaticoduodenectomy and total pancreatectomy for cancer. In: *Fischer's Mastery of Surgery, 8th Edition* (Ellison EC, Upchurch GR Jr., eds.). Philadelphia: Wolters Kluwer, 2023.

Ammann AM, Paquette IM. Surgical management options in severe *C. difficile* colitis. In: *Difficult Decisions in Colorectal Surgery* (Umanskiy K, Hyman N, eds.). Springer, 2024.

Cannella R, Vernuccio F, Wilson GC. Role of texture analysis in the clinical management of focal liver lesions. In: *Handbook of Texture Analysis* (El-Baz A, Ghazal M, Suri JS, eds.). Boca Raton: CRC Press, 2024.

Chang AL, Shah SA. Management of portal hypertension. In: *Shackelford's Surgery of the Alimentary Tract, 8th Edition* (Yeo CJ, ed.). Philadelphia: Elsevier, 2024.

Doyle J, Shaughnessy E. Letters of reference. In: *Navigating Your Surgical Career: The AWS Guide to Success, 2nd Edition* (Pories S, et al, eds.). Lexington, KY: Association of Women Surgeons, 2023, pp. 156-168.

Folwell JS, Britton GW, Sams VG. Support of the burn patient. In: *Acute Care Surgery and Trauma: Evidence Based Practice, 3rd Edition* (Cohn SM, ed.). Boca Raton: CRC Press, 2023.

Goodman MD, Pritts TA. Management of hepatobiliary trauma. In: *Shackelford's Surgery of the Alimentary Tract, 8th Edition* (Yeo CJ, ed.). Philadelphia: Elsevier, 2024.

Lemon KH, Shah SA. Management of hilar cholangiocarcinoma. In: *Fischer's Mastery of Surgery, 8th Edition* (Ellison EC, Upchurch GR Jr., eds.). Philadelphia: Wolters Kluwer, 2023.

Mills D, Shaughnessy E. Re-entry. In: *Navigating Your Surgical Career: The AWS Guide to Success, 2nd Edition* (Pories S, et al, eds.). Lexington, KY: Association of Women Surgeons, 2023, pp. 315-324.

Paquette IM. History of clinical practice guidelines and future directions. In: *The Legacy Continues: A History of the American Society of Colon and Rectal Surgeons and Affiliated Organizations 2000-2024* (Beck DE, Littlejohn CE, Orangio GR, eds.). Springer, 2024.

Paquette IM, Bordeianou L. Full-thickness rectal prolapse. In: *Walters and Karram Urogynecology and Reconstructive Pelvic Surgery, 5th Edition* (Barber MD, Bradley C, Karram MM, Walters MD, eds.). Philadelphia: Elsevier, 2024.

Pritts TA. Surgical bleeding: Bleeding disorders, hypercoagulable states, replacement therapy. In: *Essentials of General Surgery and Surgical Specialties, 7th Edition* (Lawrence PF, Smeds M, O'Connell JB, eds.). Philadelphia: Wolters Kluwer, in press, 2024.

Sams V, Tai N, Cubano M. Commentary for Chapter 16: A time for re-assessment. In: Edward D. Churchill's Surgeon to Soldiers: Diary and Records of the Surgical Consultant, Allied Force Headquarters, World War II – 2024 Edition with Modern Commentary (Cannon JW, Elster EA, eds.). Philadelphia: Wolters Kluwer, 2024.

Shah SA, Patel SH. Liver transplantation for unresectable colorectal liver metastasis. Up to Date 2024. Published online: <https://www.uptodate.com>.

Shaughnessy B, Sanfey H. Finding help when you need it. In: Navigating Your Surgical Career: The AWS Guide to Success, 2nd Edition (Pories S, et al, eds.). Lexington, KY: Association of Women Surgeons, 2023, pp. 295-304.

Tiao GM. Biliary atresia and choledochal cysts-obstructive jaundice in the pediatric population. In: Fischer's Mastery of Surgery, 8th Edition (Ellison EC, Upchurch GR Jr., eds.). Philadelphia: Wolters Kluwer, 2023.

Selected National Presentations:

Anandalwar SP, O'Meara L, Vesselinov R, ... Sams V, et al. "Warfarin, not direct oral anticoagulants or antiplatelet therapy, increases bleeding risk in EGS patients: Implications in this new era of novel anticoagulants; an EAST multicenter study." Quick Shot presentation, Eastern Association for the Surgery of Trauma (EAST), Orlando, FL, January 2024.

Archdeacon CM, Price AD, Becker ER, Baucom MR, Schuster RM, England L, Goodman MD. "Multi-modal VTE prophylaxis aids in risk reduction following splenectomy in female and male mice." Oral presentation, Academic Surgical Congress, Washington, DC, February 2024.

Baucom MR, Price AD, Wallen TE, Caskey C, Schuster RM, Smith MP, Blakeman TC, Strilka R, Goodman MD. "Validation of preload assessment technologies at altitude in a porcine model of hemorrhage." Scientific exhibit, Military Health Services Research Symposium, Orlando, FL, August 2023.

Baucom MR, Price A, Whitrock J, Hanseman D, Pritts TA, Goodman M. "Need for higher blood transfusion volume is associated with increased mortality in severe TBI." Oral presentation, Academic Surgical Congress, Washington, DC, February 2024.

Becker E, Price A, Chae R, Caskey C, Schuster R, England L, Pritts T, Goodman M. "Vagal nerve stimulation ameliorates coagulation parameters in a porcine model." Poster presentation, Shock Society, Palm Beach Gardens, FL, June 2024.

Becker E, Price A, England L, Schuster R, Goodman M. "Effects of traumatic brain injury and hypobaric oxygen on transgenic murine model expressing glycoprotein A." Poster presentation, Shock Society, Palm Beach Gardens, FL, June 2024.

Blakeman TC. "Oxygen conservation in resource constrained environments." AFRL Biotech Days, Dayton, OH, February 2024.

Blakeman TC. "Evaluation of a rebreathing system for use with portable ventilators." Chest Conference, Honolulu, HI, November 2023.

Branson RD. "Ventilatory support in the brain injured patient." American Association for Respiratory Care, Nashville TN, November 2023.

Branson RD. "Patient ventilator asynchrony: Defining the problem advances in home oxygen therapy." American Thoracic Society, San Diego, CA, May 2024.

Branson RD. "Maximizing oxygen efficacy in the ambulatory setting." American College of Chest Physicians, Oahu, HI, October 2023.

Chae RC, Nguyen C, Archdeacon C, Sisak S, Price AD, Perez E, Schuster RH, Lentsch AB, Caldwell CC, Goodman MD, Pritts TA. "Whole blood storage duration alters fibrinogen levels and clot formation." Oral presentation, Eastern Association for the Surgery of Trauma (EAST), Orlando, FL, January 2024.

Chae R, Price A, Baucom MR, Nguyen C, Schuster R, Lentsch AB, Caldwell CC, Goodman M, Pritts TA. "Porcine packed red blood cells demonstrate a distinct storage lesion." Oral Presentation, Academic Surgical Congress, Washington, DC, February 2024.

Chae R*, Sisak S, Nguyen C, Wattlely L, Joseph B, England L, Schuster R, Caldwell C, Lentsch A, Goodman M, Pritts T. "Age above all: The impact of storage duration in mice resuscitated with whole blood or packed red blood cells and plasma in a hemorrhagic shock model." Oral presentation, Central Surgical Association, Louisville, KY, June 2024. [*2024 Carol EH Scott-Connor Award for the Best Resident Presentation]

Cheon S, Whitrock JN, Sisak S, Pratt CG, Chae RC, Price AD, McGough D, Justiniano CF, Van Haren RM, Quillin RC, Shah SA. "Perceptions of the white coat: Generational, regional, and gender differences among surgeons." Academic Surgical Congress, Washington, DC, February 2024.

Elterman D, Murphy M, Krlin R, Levine R, Yaklic J, Michaels, J, Bleier J, Paquette I, Farmer R, Xavier K, Papi B, Gillespie E, Siproudhis L. "Interstim Micro improves symptoms of fecal incontinence at 3-month follow up in a global, prospective post-market study." International Continence Society, Toronto, Canada, September 2023.

Fox JP, Curiel KS, Markov N, Sams VG, Earnest RE, Ashbridge T. "Blending civilian partnerships into military treatment facility-assigned surgeons' practices for the sustainment of expeditionary medical skills." Podium presentation, American College of Surgeons Clinical Congress, Boston, MA, October 2023.

Gebhardt S, [Woodyard KC](#), [Meunier S](#), [Dembinski DR](#), Gobble RM. "Neuropsychiatric diagnoses in the context of patients with hidradenitis suppurativa." Plastic Surgery the Meeting, Austin, TX, October 2023.

Gebhardt S, [Woodyard De Brito MPH](#), [Meunier MD](#), [Huson MD](#), Gobble MD. "Trends in plastic surgery utilization by hidradenitis suppurativa patients with neuropsychiatric diagnoses." Oral presentation, Ohio Valley Society of Plastic Surgeons, Pittsburgh, PA, May 2024.

Gore S, Mendy A, Griffith A, Pinney S, Butsch Kovacic M, Kues J, Ruterbusch J, Schwartz A, Van Haren RM. "Association between patient-physician relationship and overall survival among African Americans with lung cancer: The Detroit Research on Cancer Survivors Study." American Association of Thoracic Surgeons: International Thoracic Surgical Oncology Summit, New York, NY, September 2023.

Greenwood JD, Egner SA, Ledford B, Steinel G, Yu L, Karver MR, Pritts TA, Palmer LC, Tsihlis N, Stupp SI, Kibbe MR. "Injectable tissue factor-targeted peptide amphiphile nanofibers for non-compressible torso hemorrhage." Oral Presentation, Academic Surgical Congress, Washington, DC, February 2024.

Gurland B, et al [Paquette IM]. "Consensus-derived statements on pelvic floor physical therapy for treatment of obstructed defecation syndrome from the ASCRS Pelvic Floor Disorders Consortium." American Society of Colon and Rectal Surgeons, Baltimore, MD, June 2024.

Hariri H, Wahab S, Patel S, Ahmad S, Wilson G. "CT texture analysis predicts treatment response in pancreatic ductal adenocarcinoma: a pilot study." Americas Hepato-Pancreato-Biliary Association (AHPBA), Miami Beach, FL, April 2024.

Hashmi ZG, Jensen HK, Sams V, Guzman-Curtis R, Keating J, De Moya M, Gates J; TRAC investigators. "Digital point-of-care data collection and analytics for trauma resuscitation: A study of North American trauma centers." Podium presentation, American College of Surgeons Clinical Congress, Boston, MA, October 2023.

Horn C, Sams V, Strilka R, Earnest R. "Quality of integration of Air Force trauma surgeons within the Center for Sustainment of Trauma and Readiness Skills, Cincinnati: A pilot study." Podium presentation, American College of Surgeons Clinical Congress, Boston, MA, October 2023.

Justiniano CF. "Management of acute colitis – ischemic colitis: When is surgery needed?" Panel speaker, American College of Surgeons Clinical Congress, Boston, MA, October 2023.

Justiniano CF. "A pain in the butt: Practical tips for hemorrhoids and fissures." Tri-State Women in GI Conference: Fostering Relationships, Networking, and Collaborations, Cincinnati, OH, October 2023.

Kitzmiller WJ. "Facial burn scar management." North American Burn Society Annual Meeting, Olympic Valley, CA, March 2024.

Komarek TA, July LN, Schauer SG, Burnett GM, VanFosson CA, Rizzo JA, Sams VG. "Effectiveness of mobile applications for trauma care of combat casualties throughout the continuum." Podium presentation, Military Health System Research Symposium, Kissimmee, FL, August 2023.

Lai LL, Widmar M, Monson J, et al. [Paquette IM]. "Rectal cancer watch and wait strategy: The US Rectal Cancer Research Group experience with 545 patients." American Society of Colon and Rectal Surgeons, Baltimore, MD, June 2024.

[Lim \[Long\] SA](#), [Whitrock J](#), [Pratt C](#), [Delman A](#), [Turner K](#), Ahmad S, Shah S, Patel S, Quillin R, Wilson G. "Defining the operative time threshold in patients undergoing minimally invasive right hepatectomy." Americas Hepato-Pancreato-Biliary Association (AHPBA), Miami Beach, FL, April 2024.

Nguyen CQ, [Chae R](#), Archdeacon C, [Price A](#), Perez E, Schuster R, Lentsch A, Caldwell CC, Goodman MD, Pritts TA. "Amitriptyline attenuates the red blood cell storage lesion in whole blood." Oral presentation, Academic Surgical Congress, Washington, DC, February 2024.

[Pratt CG*](#), [Whitrock J](#), [Carter M](#), Safdar K, Lemon K, Luckett K, Schoech M, Bari K, Quillin III RC, Shah S. "Follow-up and safety of use of hepatitis C virus discordant liver transplants." Americas Hepato-Pancreato-Biliary Association (AHPBA), Miami, FL, April 2024. [*Winner of Steve Sotsky Award for outstanding work in the field of hepato-pancreato-biliary surgical research by a trainee.]

[Pratt CG*](#), [Whitrock J](#), [Long SA](#), [Carter MM](#), Lewis JD, Heelan AA. "Implementation of choosing wisely recommendations for lymph node surgery in male breast cancer." Poster presentation, American Society of Breast Surgeons, Orlando, FL, April 2024. [*Top Ten Poster award]

[Pratt CG](#), [Whitrock JN](#), Cheon S, Van Haren RM, Heelan AA. "Quality improvement methodology can expand smoking cessation education in ambulatory surgery clinics." Quick Shot presentation, Academic Surgical Congress, Washington, DC, February 2024.

[Price AD](#), [Baucom MR](#), [Becker ER](#), Archdeacon CM, Caskey C, Schuster RM, Blakeman TC, Strilka R, Pritts TA, Goodman MD. "Hypobaric during aeromedical evacuation increases systemic inflammation following porcine TBI." Oral presentation, American College of Surgeons Committee on Trauma Ohio Resident Paper Competition [*First place, basic science*], virtual presentation, September 2023.

[Price AD](#), [Baucom MR](#), [Becker ER](#), Archdeacon CM, Caskey C, Schuster RM, Blakeman TC, Strilka R, Pritts TA, Goodman MD. "Hypobaric during aeromedical evacuation increases systemic inflammation following porcine TBI." Oral presentation, American College of Surgeons Committee on Trauma Region V Resident Paper Competition [*First place, basic science*], Detroit, MI, November 2023.

Price AD*, Baucom MR, Becker ER, Archdeacon CM, Caskey C, Schuster RM, Blakeman TC, Strilka R, Pritts TA, Goodman MD. "Hypobaric during aeromedical evacuation increases systemic inflammation following porcine TBI." Oral presentation, Academic Surgical Congress, Washington, DC, February 2024. [*Finalist for AAS Outstanding Resident Award*]

Price AD, Baucom MR, Becker ER, Schuster RM, England L, Pritts TA, Goodman MD. "Oxygenation extremes induce inflammatory changes." Oral presentation, Academic Surgical Congress, Washington, DC, February 2024.

Price AD, Becker ER, Baucom MD, Schuster RM, England L, Pritts TA, Goodman MD. "Multi-modal VTE prophylaxis aids in risk reduction following splenectomy in female and male mice." Oral presentation, Academic Surgical Congress, Washington, DC, February 2024.

Price AD, Chae RC, Archdeacon CM, Fox JP, Goodman MD, Frasier LL, Sams VG, Strilka R, Earnest R. "A residency-based analysis of the knowledge, skills, and ability clinical readiness scoring: A pilot study of KSA specificity." Oral presentation, American College of Surgeons Clinical Congress, Boston, MA, October 2023.

Price AD, Fox JP, Earnest RE, Strilka RJ, Sams VG, Chae RC. "A residency-based analysis of the knowledge, skills, and ability clinical readiness scoring: A pilot study of KSA construct validity." Podium presentation, American College of Surgeons Clinical Congress, Boston, MA, October 2023.

Price AD, Makley AT, Goodman MD. "Emergent and massive transfusion tracking in a Level I trauma OR." Poster presentation, ACS Trauma Quality Improvement Program Annual Conference, Louisville, KY, December 2023.

Price AD, Wallen T, Baucom MR, Chae RC, Schuster RH, England L, Pritts TA, Goodman MD. "The direct RBC effect on thrombosis is affected by tissue factor and phosphatidylserine." Oral presentation, Eastern Association for the Surgery of Trauma (EAST), Orlando, FL, January 2024.

Pritts TA. "Sports induced cardiac arrest." World Trauma Symposium of the National Association of Emergency Medical Technicians, New Orleans, LA, September 2023.

Pritts TA. "Emerging as a leader from conflict." Eastern Association for the Surgery of Trauma (EAST) Leadership Development Workshop, Orlando, Florida, January 2024.

Sams V, Bourne M, Wilbers M, Meinking S, Bennett S. "Blood culture stewardship in critical care: Identifying secondary blood stream infections." Best Practices Poster, Trauma Center Association of America (TCAA) Annual Meeting, Nashville, TN, May 2024.

Sams V, Richardson Q, Meinking S, Bennett S, Brodsky J, Clark K, Makley A. "Preventing pressure injuries in trauma patients in spinal precautions." Best Practices Poster, Trauma Center Association of America (TCAA) Annual Meeting, Nashville, TN, May 2024.

Shah SA. "Transplant for Bismuth IV hilar cholangiocarcinoma." Invited Faculty, International Society of Liver Surgery 5th International Congress of Advanced HPB Surgery, Zurich, Switzerland, October 2023.

Shah SA. "Recommendations for the approach to liver transplant patients with colorectal metastases in North America: Are we ready to apply for MELD exceptions for mCRC?" Invited Faculty, Americas Hepato-Pancreato-Biliary Association /American Society of Transplant Surgeons, Boston, MA, October 2023.

Shah SA. "Expanding/building your program." Invited Faculty, American Society of Transplant Surgeons Winter Symposium, Miami, FL, January 2024.

Shah SA. "Transplant for colorectal metastases." Invited Faculty, Americas Hepato-Pancreato-Biliary Association, Miami, FL, April 2024.

Starnes SL. "Surgical resection in patients with stage IV thymic epithelial tumor." Discussant, American Association for Thoracic surgery 2024 Annual Meeting, Toronto, Ontario, Canada, May 2024.

Supp DM, Hahn JM, Combs KA, Phillips CM, Powell HM. "CYP24A1 is overexpressed in keloid keratinocytes and its inhibition reduces profibrotic gene expression." Oral presentation, American Burn Association, Chicago, IL, April 2024.

Supp DM, Hahn JM, Combs KA, Powell HM. "Inhibition of CYP24A1, an enzyme involved in vitamin D production in skin, alters profibrotic gene expression in keloid-derived keratinocytes." Oral presentation, Wound Healing Society, Orlando, FL, May 2024.

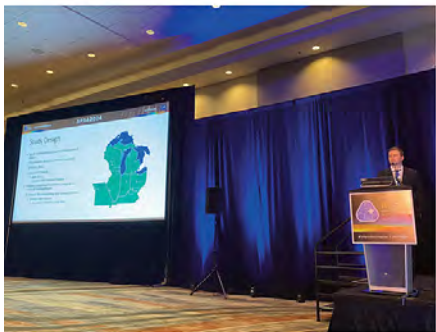
Turner K, Lim [Long] SA, Delman A, Smith M, Sohal D, Olowokure O, Choe K, Kharofa J, Ahmad S, Wilson G, Patel S. "National assessment of margin positive pancreatectomy in pancreatic adenocarcinoma." AHPBA, Miami Beach, FL, April 2024.

Van Haren RM, Butsch Kovacic M, Pratt C, Delman A, Arbili L, Griffith A, Harvey K, Shah SA, Pai A, Kues J. "Racial disparities associated with decision to undergo oncologic surgery: A prospective mixed-methods analysis." American College of Surgeons Clinical Congress, Boston, MA, October 2023.

Van Haren RM. "STS: Your career journey partner." Invited speaker, Society of Thoracic Surgeons Early Career Journey Roundtable, San Antonio, TX, January 2024.

Van Haren RM. "Lung resection: Lobectomy for lung cancer." Invited speaker, Thoracic Surgery Medical Student Association Bread and Butter Case Series, Zoom meeting, April 2024.

Van Haren RM. "STS involvement as early career surgeon." Invited Speaker, Society of Thoracic Surgeons Early Career Journey Webinar, June 2024.



Waters AM. "Determining mechanisms of resistance to direct KRAS inhibition in pancreatic cancer." FASEB: Regulation and Function of Small GTPases Conference, Southbridge, MA, June 2024.

Waters AM. "Determining mechanisms of resistance to direct KRAS inhibition in pancreatic cancer." RASfarians MD Anderson RAS Working Group, Virtual meeting, May 2024.

Waters AM. "Determining mechanisms of resistance to direct KRAS inhibition in pancreatic cancer." PancMidwest Pancreatic Cancer Symposium, Chicago, IL, May 2024.

Wattley LJ, Chae R, Nguyen C, Perez E, Schuster R, Lentsch AB, Caldwell CC, Goodman MD, Pritts TA. "Amitriptyline decreased mouse lung endothelium inflammatory response to RBC derived microparticles." Oral presentation, Academic Surgical Congress, Washington, DC, February 2024.

Wattley LJ, Price AD, Joos E, Makley AT, Pritts TA, Goodman MD. "Registrar utilization variability based on trauma center-level specific factors." Oral presentation, Academic Surgical Congress, Washington, DC, February 2024.

Whitrock JN, Cheon S, Sisak S, Pratt CG, Chae RC, Quillin III RC, Justiniano CF, Shah SA. "Perceptions of the white coat: Understanding generational and gender differences among surgeons." Quick Shot presentation, Academic Surgical Congress, Washington DC, February 2024. [Manuscript published in Surgery.]

Wilson GC. "Successfully establishing an academic HPB practice." Invited speaker, Society of Surgical Oncology, Atlanta, GA, March 2024.

Wilson GC. "How it started vs. how it's going: Evolution of an early career HPB surgeon." International Hepato-Pancreato-Biliary Association (IHPBA) Early Career Group Workshop, 2024.

Xu CT, Pratt CG, Becker ER, Whitrock JN, Frasier LL, Van Haren RM, Quillin RC. "Virtual interviewing and changes in applicant competitiveness and program interviewing effort." Academic Surgical Congress, Washington, DC, February 2024.



Clinical Trials

Frasier L (Investigator): Survey of United States attending surgeons on audio video recording practices.

Gobble R (Investigator): Resensation: Restoring sensation with breast reconstruction after mastectomy.

Heelan A (Investigator): Post-mastectomy recovery: A randomized clinical trial comparing preoperative Pecs-II blocks with intraoperative pectoral blocks.

Holm T (Investigator): Clinical outcomes in endocrine disease.

Holm T (Investigator): Clinical outcomes in indeterminate thyroid nodules.

Holm T (Investigator): Clinical outcomes of thyroid cancer patients.

Krishnan D (Investigator): 3D planning and printing for personalized maxillofacial surgery.

Moura Leite J (Investigator): Risk factors for wound complications after veno-arterial extracorporeal membrane oxygenation decannulation.

Paquette I (Investigator): Utilization of adjuvant chemotherapy in patients with pathologic complete response in rectal cancer.

Ring B (Investigator): Clinician knowledge, attitudes, practices (Kap) concerning closed-loop control of mechanical ventilation.

Shah S (Investigator): Molecular assessment and profiling of liver transplant recipients: The Maple study.

Shah S (Investigator): Optimal timing of direct acting antivirals in hepatitis C-associated hepatocellular carcinoma.

Shaughnessy EA (Investigator): Implantable marker devices in breast surgery, to localize a lesion that cannot be felt.

Shaughnessy EA (Investigator): Alliance A221702 - A prospective trial to study rates of lymphedema and regional recurrence after sentinel lymph node biopsy and sentinel lymph node biopsy followed by axillary lymph node dissection with and without axillary reverse mapping.

Shaughnessy EA (Investigator): A randomized phase III trial evaluating the role of axillary lymph node dissection in breast cancer patients (Ct1-3 N1) who have positive sentinel lymph nodes.

Shaughnessy EA (Investigator): A randomized phase III trial of adjuvant therapy comparing chemotherapy alone (six cycles of docetaxel plus cyclophosphamide or four cycles of doxorubicin).

Shaughnessy EA (Investigator): A011401- Randomized phase III trial evaluating the role of weight loss in adjuvant treatment of overweight and obese women with early breast cancer.

Spadaccio C (Investigator): Cardiothoracic surgery outcomes.

Van Haren R (Investigator): Predictors of chronic pain and new persistent opioid use after lung resection.

Externally Funded Grants:

Ahmad SA (Principal Investigator): SWOG Network Group Operations Center of the NCTN. National Cancer Institute.

Blakeman TC (Principal Investigator): Closed loop control with fluid and PEEP: Novel decision support fluid resuscitation strategies for treating acute lung injury with PEEP optimization. Air Force Research Laboratory.

Blakeman TC (Co-Investigator): Whole blood salvage and ratios. Air Force Research Laboratory.

Blakeman TC (Co-Investigator): Airway heat and humidification: Impact on body temperature and airway function in hypothermia. Air Force Research Laboratory.

Blakeman TC (Co-Investigator): Pharmacostability of medication exposed to cold environments. Air Force Research Laboratory.

Blakeman TC (Co-Investigator): Advancing mechanical ventilation through simulation Phase II. Air Force Research Laboratory.

Blakeman TC (Co-Investigator): Detecting asynchrony and risk of aspiration (DARS) Phase II. Air Force Research Laboratory.

Branson RD (Principal Investigator): Advancing mechanical ventilation through simulation Phase II. Air Force Research Laboratory.

Branson RD (Principal Investigator): Airway heat & humidification: Impact on body temperature and airway function in hypothermia. Air Force Research Laboratory.

Branson RD (Co-Investigator): Closed loop control with fluid and PEEP: Novel decision support fluid resuscitation strategies for treating acute lung injury with PEEP optimization. Air Force Research Laboratory.

Branson RD (Principal Investigator): Detecting asynchrony and risk of aspiration (DARS) Phase II. Air Force Research Laboratory.

Caldwell CC. (Principal Investigator): Stratifying Patient Immune Endotypes in Sepsis (SPIES Study). National Institute of General Medical Sciences.

Caldwell CC. (Co-Investigator): Role of acid sphingomyelinase in the modulation of coagulation after traumatic brain injury. National Institute of General Medical Sciences.

Frasier LL (Principal Investigator): Analysis of drug administration errors during high-fidelity simulation versus actual missions: quantifying the potential benefit of electronic medication alerts in en route critical care. Air Force Research Laboratory.

Frasier LL (Principal Investigator): Scalable solutions for aeromedical evacuations. Air Force Research Laboratory.

Gomaa, Dina (Co-Investigator): Prehospital Analgesia Intervention trail (PAIN). Department of the Army Medical Research.

Goodman MD (Co-Investigator): Whole blood salvage & ratios. Air Force Research Laboratory.

Goodman MD (Co-Investigator): Airway heat & humidification: Impact on body temperature and airway function in hypothermia. Air Force Research Laboratory.

Goodman MD (Co-Investigator): Prehospital Analgesia Intervention trail (PAIN). Department of the Army Medical Research Acquisition Activity.

Goodman MD (Co-Investigator): Detecting asynchrony and risk of aspiration (DARS) Phase II. Air Force Research Laboratory.

Goodman MD (Co-Investigator): Trauma resuscitation with Group O whole blood vs. products (TROOP). National Heart, Lung and Blood Institute.

Goodman MD (Principal Investigator): Multicenter implementation trial of targeted normoxia strategy to define oxygen requirements for combat casualty care. Department of the Army Medical Research Acquisition Activity.

Goodman MD (Principal Investigator): Role of acid sphingomyelinase in the modulation of coagulation after traumatic brain injury. National Institute of General Medical Sciences.

Gulbins E (Co-Investigator): Role of acid sphingomyelinase in the modulation of coagulation after traumatic brain injury. National Institute of General Medical Sciences.

Holm TM (Principal Investigator): Targeting autophagy in the pathogenesis of anaplastic thyroid cancer. American Association of Endocrine Surgeons Foundation.

Lentsch AB (Principal Investigator): Host Response to Trauma Research Training Program. National Institute of General Medical Sciences.

Pritts TA (Principal Investigator): Evaluation of a novel filter strategy to reduce donated whole blood antibody titers. Air Force Research Laboratory.

Pritts TA (Principal Investigator): Whole blood salvage & ratios. Air Force Research Laboratory.

Pritts TA (Principal Investigator): Evaluation of Imlifidase to reduce donated whole blood antibody titers. Air Force Research Laboratory.

Shah S (Co-Investigator): A prospective multi-center continued access protocol for the use of the LifePort Liver Transporter (LLT) system. Organ Recovery Systems, Inc.

Silski Sage L (Principal Investigator): Over- or underutilization of simultaneous liver-kidney transplantation? Use of renal scintigraphy to measure native kidney recovery. Ohio Solid Organ Transplantation Consortium.

Supp DM (Principal Investigator): In situ skin regeneration for full thickness burn injuries. Shriners Hospital for Children - International Headquarters.

Supp DM (Co-Investigator): Genetic and physiological comparison of native human sensory neurons and induced pluripotent stem cells differentiated to sensory neurons. National Institute of Neurological Disorders and Stroke.

Supp DM (Co-Investigator): Multiscale modeling of an inductive hair follicle microenvironment in engineered skin substitute. National Institute of Arthritis, Musculoskeletal and Skin Disease.

Supp DM (Principal Investigator): The role of vitamin D and the vitamin D receptor in fibrotic wound healing. Shriners Hospital for Children - International Headquarters

Waters AM (Principal Investigator): Identification of resistance mechanisms to direct KRAS inhibition in pancreatic cancer. National Cancer Institute.

Woodle ES (Principal Investigator): Plasma cell depletion and co-stimulation blockade to treat antibody-mediated rejection. National Institute of Allergy and Infectious Diseases

Woodle ES (Principal Investigator): Proteasome targeting for alloreactive plasma cells. National Institute of Allergy and Infectious Diseases.

Woodle ES (Principal Investigator): Decoding human T-cell allospecificity. National Institute of Allergy and Infectious Diseases.







Instagram - [instagram.com/cincysurgery/](https://www.instagram.com/cincysurgery/)



Surgery Department - x.com/UCincySurg



Surgery Residents - x.com/CincySurgery



Our education values are to:

Attract and train the medical students and residents with the greatest potential for success as surgeons and leaders.

Celebrate our individual strengths and diversity, and support each other as we overcome our hurdles to success, all while sharing common goals of clinical excellence, scientific discovery and professional growth.

Promote and support our residents to go on to the most highly competitive fellowships and academic positions, and to become successful leaders advancing surgical excellence.