UNSURGERY

FALL 2020

Lynn A. Damitz, MD Elhel F. & James A. Valone. MD Distinguished Profess UNC Department of Surgery

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On the cover: Dr. Lynn Damitz. Photo by Brian Strickland. Copyright © 2020 UNC Surgery. All Rights Reserved.

Clinical Affairs Education Quality and Safety Research Strategy & Outreach

Abdominal Transplant Surgery NC Jaycee Burn Center Surgery Cardiothoracic Surgery Gastrointestinal Surgery General & Acute Care Surgery Pediatric Surgery Plastic & Reconstructive Surgery Surgical Oncology Vascular Surgery

Medical Student Clerkship Mentorship Program

Cardiothoracic Surger General Surgery Plastic Surgery Vascular Surgery

Abdominal Transplant Surgery Adv. Minimally Invasive and Bariatric Surgery Burn Surgery Critical Care Surgery Complex General Surgical Oncology Vascular Surgery

Dr. Raff performing ECMO on a COVID-19 patient.

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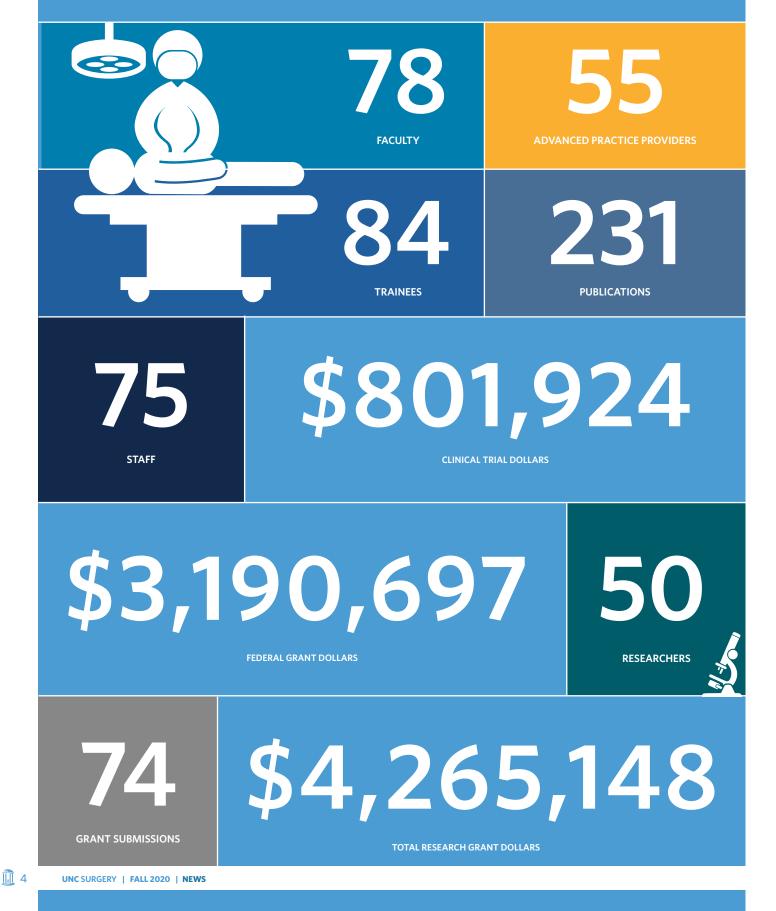
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DEPARTMENT OF SURGERY

by the numbers

*Research + Publication data from July 1, 2019 to June 30, 2020



MESSAGE FROM THE CHAIR

On October 7, 2020, I delivered our annual State of the Department Address. Even though I presented virtually, the impact of all that we have accomplished still resonates. I continue to feel humbled by the opportunity to work with such skilled professionals and so it gives me great joy to share with you some highlights of our past academic year achievements in research, education and clinical care.

The Department of Surgery received new research funding totaling \$6,279,939 in FY20. Currently, the department receives \$3.1 million in direct funding annually from federal research grants, and has a total annual research budget of \$4.3 million—a 7-fold increase over the past five years. Our clinical trial dollars also contributed just over \$800K to innovative patient care. Surgery faculty continue to increase the number of their grant submissions, activity that ultimately translates into increased awards. As a result, we have moved up in the Blue Ridge rankings for NIH funding to Departments of Surgery from #44 in 2018 to #32 in 2019. In addition, our faculty collectively contributed to universal medical knowledge by publishing over 230 articles in national and international journals. Perhaps the greatest encouragement to me is that every year more residents are inspired to pursue research fellowships. This year, residents Xavier Baldwin, Joshua Herb, Joseph Kearney, and Brittney Williams received national funding, and Ian Kratzke received an award for Excellence in Research from the American College of Surgeons. It is gratifying that we are training future surgeon-scientists to discover innovative treatments and cures for surgical disease to help patients worldwide.

Similarly, our educational endeavors have been focused and intentional. I am happy to report that in the past two years, we have more than doubled the number of medical students who apply to surgery residency programs, a trend we expect to continue. We proudly can attribute this impressive growth to our award-winning faculty and resident teachers. In addition to our departmental awards, Drs. Stephanie Downs-Canner, Jason Long, David Overby, and Luigi Pascarella all received institutional honors for exceptional teaching. Residents Stephanie Gray and Audrey Khoury received this year's Kaiser Permanente Excellence in Teaching award, and Hadley Wilson received the UNC Learning Environment award. Additionally, Surgery celebrates its fourth year as Best Application Phase Course for Hospital, Interventional and Surgical Care. Most notably this year we established the Erle E. Peacock, Jr., MD Fund for Excellence in Surgical Education & Career Development which was awarded to Ian Kratzke, MD. We are grateful to have this generous support from the Peacock family in honor of their father's legacy (see article on page 9).

Clinically, the Department of Surgery continues to do well despite the ongoing challenges of the pandemic. We are delivering substantially more clinical care compared to the same time period of the prior year. In FY20, Drs. Mahesh Sharma and Andrea Hayes-Jordan received the Triangle Business Journal's Health Care Hero Award, and Dr. Trista Reid received the UNC Carolina Care Multi-Level Rounding Award. Though these are just a few examples of recognition, all of our providers deserve the highest praise for their hard work and commitment to exceptional patient care. With all that we do in the clinics and operating rooms, it is important to take a moment to remember the good that comes from our acts of service, such as working with

burn-injured children at Camp Celebrate 2020 (see page 15) or implementing comprehensive and lifelong patient therapies, such as Ben Haithcock's training program for service dogs (see page 15). There is no doubt that we remain dedicated to improving the lives, health and wellbeing of the citizens of North Carolina.

Nationally, our faculty continue to have an impact with several rising to leadership positions in prominent surgical societies: Dr. Don Nakayama assumed the position as Treasurer and Dr. Anthony Charles assumed the position as Governor of the American College of Surgeons. Dr. Andrea Hayes-Jordan is the new President of the Society of Black Academic Surgeons. Dr. Bill Marston became President-Elect of the Southern Association for Vascular Surgery and Vice President of the American Venous Forum. Others gained significant board memberships: Dr. Chirag Desai to the National Liver Review Board and Dr. Andrea Hayes-Jordan to the National Cancer Advisory Board and American Pediatric Surgery Association Board. It was also a productive year for academic promotions: Drs. Kristalyn Gallagher, Jason Long and Jeyhan Wood promoted to associate professors, and Drs. Chirag Desai and Ben Haithcock to the rank of professor. Specifically, we recognize Dr. Lynn Damitz, professor and chief of the Division of Plastic and Reconstructive Surgery, who received the Ethel F. and James A. Valone Distinguished Professorship (see page 6). Though appointed during the last academic year, we kept waiting for the best time to host her investiture ceremony; the pandemic had other plans and so we now proudly celebrate her accomplishment with a featured article.

We are also delighted to welcome two new faculty members to our department: Dr. Jacob Wood, assistant professor of Vascular Surgery and Dr. Matthew Eckert, assistant professor for General and Acute Care Surgery. Dr. Wood has a particular interest in human anatomy and physiology and his publication credits include anatomical illustrations for three textbooks. Dr. Eckert joins us as former Trauma Medical Director and Chief of General Surgery Clinics at Madigan Army Medical Center. Eckert's inclusion as a faculty member is an important part of a new collaboration between the UNC Medical Center and the Womack Army Medical Center (see page 10) led by Dr. Daryhl Johnson.

Finally, and with great enthusiasm, I announce that our Surgery Education Center will be open in December (see page 12)! I am excited to see how this new space will enhance our research, education and clinical care activities throughout the years to come.

Sincerely,



Melina R. Kibbe, MD, FACS, FAHA

Colin G. Thomas Jr. Distinguished Professor and Chair Department of Surgery Professor, Department of Biomedical Engineering The University of North Carolina at Chapel Hill



Lynn Damitz, MD, Honored as the Ethel F. and James A. Valone, MD, Distinguished Professor of Plastic and Reconstructive Surgery

"Dedicated...skillful...compassionate... leader." These are the words repeatedly used to describe Dr. Lynn Damitz by her colleagues, mentors, and family members. While we had hoped to hold an investiture ceremony to remember Dr. and Mrs. Valone, recognize the accomplishments of Dr. Damitz, and endow her with the Ethel F. and James A. Valone, MD, Distinguished Professor of Plastic and Reconstructive Surgery, due to the COVID-19 pandemic we were not able to do so. Thus, we reached out to her family, friends, and colleagues to celebrate her accomplished career—which now includes this prestigious endowed professorship.

Distinguished professorships symbolize the value placed on the recipient's research and scholarship, teaching and service. The Valone professorship was established in 1994 by Ethel F. and James A. Valone, MD. Dr. Valone (1913-2012) was a New York state native who trained at the University of Buffalo and the University of Michigan. In 1951, while he had a general

surgery practice in Lexington, NC, he decided to pursue a residency in plastic surgery. At that time, there were almost no places to train as a plastic surgeon in the South, so he went to Washington University in St. Louis. After completing his plastic surgery training in 1953, Dr. Valone was the first plastic surgeon to open a practice in Raleigh. After an illustrious career, he retired in 1996. Ethel Fielder Valone (1922-2016) was born in Macon, GA and met her future husband at a military ball in Atlanta during World War II. Together, the Valones maintained many friendships in the UNC School of Medicine over the years. Mrs. Valone derived her greatest satisfaction from her family and by helping her husband, for decades, serve the needs of his many patients.

"I knew I wanted to be a physician since sixth grade." Dr. Damitz started out just wanting to do research for a cousin who had cystic fibrosis. That turned into a lifelong dream of helping others. Lynn's parents, Corinne and Joseph Damitz, confirm that this dream began at an early age, due in large part to her capacity for problem-solving, excellent listening skills, sense of responsibility, and generosity. They're justifiably proud, saying, "Lynn is a blessing to our family, the community, and inspiring to many."

Dr. Damitz obtained her Bachelor of Science degree from the University of Notre Dame, where she currently holds an adjunct faculty appointment in the Pre-Professional Studies Program and provides advisory support to the Hillebrand Center for Compassionate Care in Medicine. After graduating from college, she matriculated to Hahnemann University School of Medicine in Philadelphia to obtain her medical training. She then came to UNC and completed a general surgery followed by plastic surgery residency. Current faculty member Dr. Mark Koruda commented, "It has been an absolute joy to see her growth and maturation as a surgeon over all these years as a resident, fellow, junior faculty member and now Division Chief. She is a skilled

surgeon, compassionate caregiver, superb role model, and ever dedicated to the wellbeing of her division and our department. I can think of no other faculty member deserving of this professorship." Dr. Michel Zenn was a UNC Assistant Professor during Dr. Damitz' residency, and recalls "Lynn was one of my first residents as new faculty at UNC and it has been so amazing watching her develop in her career, not only as an accomplished academician but a national leader in plastic surgery. As a mentor, having one of your own succeed at this level is truly gratifying and Lynn is well deserving of the accolade."

Following her residency training in Chapel Hill, she completed additional advanced plastic surgery fellowships focused on breast and aesthetics, in both Charlotte, NC and Nashville, TN. While in Charlotte, she was mentored by Dr. William Mullis. He remembers Dr. Damitz as "...one of the best fellows that rotated on our program. She was smart, diligent, personable, and determined—all the qualities to make a leader. She has grown and matured in her position at UNC, contributed to our national society, and has become a respected, skillful and responsible academic plastic surgeon."

Dr. Damitz demonstrates a compassion for patients, a passion for teaching as well as being a highly skilled surgeon."

Another mentor, Dr. Jack Fisher, sent his congratulations: "Dr. Damitz demonstrates a compassion for patients, a passion for teaching as well as being a highly skilled surgeon. These qualities, among others, exemplify why she is so well deserving of this honor." She worked with Dr. Fisher when she completed her breast and aesthetic surgery fellowship with Nashville Plastic Surgery. There, she also learned from Dr. Patrick Maxwell, who observed, "During her plastic surgery training, Lynn demonstrated the



dedication, passion, and drive which, I knew, would lead to great accomplishments. Her subsequent work has had a major impact in our field, especially in area of breast cancer reconstruction and improving outcomes in women's health. I am personally proud to see her many accomplishments and congratulate her on this well-deserved honor."

Dr. Damitz joined UNC in 2000 as Assistant Professor in the Division of Plastic Surgery. In 2009 she was promoted to Associate Professor and in 2014 to Professor. She also served as Associate Chief (2005-2013) and Vice Chief of Marketing and Human Resources (2013-2014). In 2017, she was named Chief of the Division of Plastic and Reconstructive Surgery. UNC Department of Surgery Chair Emeritus Anthony Meyer has worked with Dr. Damitz these past two decades: "I have had the opportunity to work with her not only clinically, but in developing the aesthetic surgery program at UNC. She has wide-ranging clinical expertise, a commitment to her patients and division, and is highly regarded outside or our institution. I am very pleased that she is receiving the Valone Professorship."

"I do my work because I love it and want to do what's best for people. It's that simple." As a plastic surgeon, Dr. Damitz is actively involved in all facets of her field including various oncologic reconstructions from head to toe, hand and facial trauma reconstruction, treatment and reconstruction of wounds related to malignancies, as well as complex skin conditions. As Director of the UNC Aesthetic, Laser, and Burn Center (ALBC), Dr. Damitz has been instrumental in fostering the unique experience of stateof-the-art cosmetic surgery, reconstructive surgery, non-surgical rejuvenation, and laser treatment. She has received numerous awards over the years for her clinical work, such as American Registry Patient's Choice Award as one of NC's favorite physicians, Patient's Choice Most Compassionate Doctor Certificate of Appreciation, and Carolina Care Excellence, to name a few. It is obvious that the ongoing recognition for her service and the acknowledgement of her technical skills in such a complex subspecialty highlights her innovative and thoughtful approach for exceptional patient care.

"Ours is a nurturing, supportive environment

where our wonderful staff always goes the extra mile to support our patients and to help us." As Division Chief of Plastic and Reconstructive Surgery, Dr. Damitz has recruited some of the best plastic surgery faculty talent in the nation to UNC. Faculty members on her team shared their appreciation:



Yemi Ogunleye, Assist. Professor



"I have worked with

"Dr. Damitz is an excellent clinician and researcher, but also a dedicated leader. She goes above and beyond for her team and ensures that our interests, and those of our patients are protected. She is an involved leader who leads by example and creates opportunities for junior faculty."



Gene Deune, Professor

"Dr. Damitz has been an excellent leader for UNC Plastic Surgery. She is very thorough and attentive to details and values the opinions of others. She has the confidence and respect of her peers at UNC and the residents."



Nishant Bhatt Assist. Professor

"Lynn is a tireless and devoted surgeon who embodies the spirit of patient ownership and conscientiousness. While undertaking a daunting clinical practice, she has heralded our division through unprecedented circumstances during the pandemic. Today, with the slew of new faculty hires, our division is stronger than ever. And this occurred under Lynn's watch."

Dr. Damitz for several vears now and it is clear there is no one more committed to UNC and this division than her. She is very proud of the care we deliver and has worked hard to recruit well-rounded surgeons with varying specialties who are dedicated to the betterment of our division and our residency program. She is a great leader who truly cares about us professionally and personally."



"After having the pleasure of working with Dr. Damitz, it is no surprise that she would be honored this way. She always has the best in mind for all patients, the residents, and her staff. She leads by example, and in the time of COVID, she was first to volunteer for the ICU shifts caring for this patient population. Dr Damitz is a fantastic partner, and is always willing to help whether covering a case or lending an opinion on optimal care."

"I really enjoy seeing residents grow, evolve and mature, and bond into a relationship to last the rest of our careers." In addition to being an active member in the UNC Academy of Educators, Dr. Damitz is an engaged preceptor, educator, and mentor for residents and fellows. Over the past several years, Dr. Damitz oversaw the expansion of the plastic surgery residency program from a three-year independent program to a six-year integrated program. In recognition of her contributions to education, she has received several teaching awards from her division and our department as well as multiple Resident Educator of the Year Awards from the UNC School of Medicine.

"All of us feel like we're never afraid to ask someone for help or ask someone a question." Damitz's reputation is not limited to UNC. She frequently gives her time to our community through lectures on topics such as aesthetic procedures, bariatric support, and breast reconstruction. By participating in these events, she is raising community awareness, educating current and future patients, and strengthening the reputation of the UNC Health Care system in the area and throughout North Carolina. Regionally, Dr. Damitz serves as a Trustee on the Board of the Southeastern Society of Plastic and Reconstructive Surgeons. Nationally, she serves as Chair of State Affairs for the Legislative Advocacy Committee and the Vice Chair for the Membership Recruitment, Compliance and Development Committee for the American Society of Plastic Surgeons (ASPS). She is an active member of both the Patient Safety and Health Policy/ Delivery subcommittees for the past decade and outgoing Chair of the Women Plastic Surgeons Steering Committee, as well as a senior oral board examiner for the American Board of Plastic Surgery. She is also an Editorial Board Member for the ACS Case Reviews in Surgery. This year, she was appointed to the Board of Directors for the ACS National Accreditation Program for Breast Centers. Thus, it is clear that her service and contributions extend far outside of UNC to a level of national presence and engagement that we are very proud of.

"We love going places." Dr. Damitz is originally from New Jersey but enjoyed many areas of the country prior to settling down in North Carolina. She and her husband, James Curtis, travelled to Ireland to support her alma mater Notre Dame when they faced Navy. They honeymooned in Hawaii and visited Kenya. James writes "Those are the memories that last. As far as what she means to me, she is my world. I know that sounds cliche, but I don't know where I'd be if it weren't for her."

"As Chair of the Department of Surgery,

I can think of no one more deserving of this great honor than Dr. Lynn Damitz. It has been a great pleasure for me to work side-by-side with Dr. Damitz in building a nationally recognized Division of Plastic and Reconstructive Surgery. Her commitment to the patients, trainees, faculty and staff is heartfelt and sincere. The division has seen tremendous success under her leadership and I can't wait to see what is to come. Dr. Lynn Damitz, it is with great pleasure and honor that I now endow you as the Ethel F. and James A. Valone, MD, Distinguished Professor of Plastic and Reconstructive Surgery. I am confident that Dr. and Mrs. Valone would be extremely proud of you carrying on their great legacy." - Dr. Melina Kibbe, Chair, Department of Surgery.



PEACOCK FAMILY ENDOWMENTS

Dr. Erle E. Peacock, Jr. was a surgeon, lawyer, educator and lifelong learner whose legacy will live on for years to come, helping to educate surgeons and care for people.



Dr. Erle Peacock, Jr., with his wife Reverend Mary Peacock.

Foundation of a Division

The story of the Division of Plastic and Reconstructive Surgery at UNC starts with Dr. Erle Peacock, Jr., a native to Chapel Hill. Dr. Peacock was recruited to UNC Hospital by Dr. Nathan Womack, the first Chairman of the Department of Surgery at UNC. Dr. Peacock completed the two-year medical school curriculum at UNC and finished medical school at Harvard. After training in general surgery in New York City, Chapel Hill, and later in St. Louis with an emphasis on wound healing, Dr. Peacock returned to UNC and slowly developed the Division of Plastic Surgery.

From his previous experience with military service at Valley Forge General Hospital, Dr. Peacock developed innovative operative techniques in hand surgery, which he later applied to reconstructive surgery, and became the foundation of the Division's strengths in wound healing and hand surgery. Dr. Peacock recognized the need for an academic training program in the early days of the Division, and developed a laboratory concentrating on wound-healing research, which quickly became recognized nationally and internationally for its endeavors.

Dr. Peacock was with the UNC Department of Surgery from 1956 until 1969 when he accepted a position as Chairman of the Department of Surgery at the University of Arizona. He returned to Chapel Hill and UNC later in his life when he retired from Surgery to complete his law degree and worked with faculty and residents at UNC School of Medicine in a legal capacity.

Continuing a Legacy

The children of the late Erle E. Peacock,

Jr., MD, are working with Erin Kinney, Director of Development with the UNC Health Foundation, on a variety of projects to continue their father's legacy. They have provided funds for the Malawi Pediatric Initiative to support the improvement of pediatric care and reduction of childhood mortality rates at Kamuzu Central Hospital in Lilongwe, Malawi. They also contributed to the Malawi Surgical Initiative, a program that trains surgeons to provide much needed care to people in sub-Saharan Africa.

Within the UNC Department of Surgery the family has established a Distinguished Lectureship because they felt one of their father's biggest gifts was his influence as a teacher. The lectureship will allow for visiting surgeons to speak at the Department's Grand Round events and should hopefully go into effect next year when visiting professors will be welcomed back on campus safely.

Most recently they established an Erle E. Peacock, Jr., MD Scholar Award, a fund for surgical education and career development. The inaugural recipient of the award is Ian Kratzke, MD, a general surgery resident. Dr. Kratzke will use his award to complete a Master of Health Professions Education (MHPE) Program at the University of Illinois.



Left to right: Jim Peacock, Susan Peacock (UNC '80), Lisa Todd Peacock (UNC '81) and Gayle Peacock (UNC '83).

"I am deeply honored to have received the Erle E. Peacock, Jr., MD Scholar Award. Dr. Peacock's devotion to teaching represents a level of commitment to the field of surgery that I aspire to accomplish," says Dr. Kratzke. "The inauguration of this ongoing



award at UNC demonstrates the Department of Surgery's mission to foster not only excellent surgeons, but also surgical educators. This award will greatly assist in my efforts to pursue a Masters degree. It is my

Dr. Ian Kratzke M

hope that the experiences afforded to me by this award will help to guide other residents and faculty at UNC to follow their interests in surgical education and learn from Dr. Peacock. Thank you to the Peacock family for their generosity, kindness and incredible support."

Dr. Kratzke will complete this Master's degree during his two years of dedicated professional development time focusing on surgical education, resident well-being, surgical communication, and empathy. He ultimately plans to pursue a career as a trauma/critical care surgeon with an academic focus on surgical education.

"We wanted to do something to honor our dad's contribution to both patient care and his dreams for novel ideas for surgical education, which he never saw fulfilled," says Susan Peacock, daughter. "When we were thinking of a way to honor him, UNC was foremost in our mind because of the impact the leadership and program had on him throughout his life."

"When we decided to put his estate to work in a philanthropic way, it was almost automatic to look towards UNC Surgery as an outlet," explains James Peacock, MD, son and Professor of Surgery at the University of Rochester. "We feel like the success of UNC and particular the medical school and surgery department was something very near and dear to our dad. Of all the many things that he did, overall his biggest impact was his influence on people, most particularly students and fellows. He influenced and inspired them to be the best they can be. That is why we put our greatest emphasis on the education scholarship."

For questions about philanthropy please contact Erin Kinney at (585) 622-7425.



UNC HEALTH, U.S. ARMY ESTABLISH TRAUMA TRAINING PARTNERSHIP

Collaboration will help military medical providers prepare to save lives

UNC Health announced in a special ceremony on Veterans Day a new partnership with the U.S. Army that will allow military medical personnel to receive trauma training at UNC Medical Center. The goal is to help military surgeons and other care providers better prepare to treat traumatic injuries, such as gunshot wounds, burns and more, and ultimately save lives.

UNC Medical Center and the UNC School of Medicine providers will train the U.S. Army's Forward Resuscitation Surgical Teams (FRSTs) and other medical personnel from U.S. Army Forces Command (FORSCOM) assigned to the 44th Medical Brigade, Fort Bragg, N.C. As a busy, nationally recognized Level I Trauma Center and Burn Center, UNC Medical Center will help military personnel learn from real-world experience, with trauma surgeons and other providers helping educate them on best practices, the importance of clear communications and fast decision making, and more. They will get experience in UNC Medical Center's emergency department, operating rooms and ICUs.

This novel military-civilian partnership will focus on training multidisciplinary medical personnel: physicians, nurses, emergency medical technicians and others. Military and civilian health providers will work together to enhance patient care through mutual training, sharing best practices and innovation between two renowned military and civilian healthcare entities.

"This type of life-saving preparation is critically important, and we are honored to help support the men and women of our military," said Dr. Wesley Burks, CEO of UNC Health. "As these providers move forward to conduct America's missions I am confident the training they will receive here at UNC Health and UNC School of Medicine will enable them to provide outstanding care to fellow soldiers. This designation reflects the dedication and talent of our physicians and our co-workers, and reinforces the important role we play in helping train our state's and nation's future providers."

The Army Medical Department (AMEDD) Medical Skills Sustainment Program (AMSSP) provides opportunities for Army medical personnel to work in busy Level 1 trauma centers alongside their civilian counterparts to care for patients who have suffered severe trauma or are critically ill.

"The military generally cares for a young healthy population, so we don't see a lot of trauma in our Army hospitals," said Maj. Gen. Telita Crosland, Deputy Surgeon General. "The opportunity to maintain a high degree of skills proficiency in trauma and critical care is essential."



Wesley Burks, MD, Dean UNC School of Medicine, Daryhl Johnson, medical director of the UNC Medical Center Trauma Program, and Telita Crosland, Deputy Surgeon General after signing ceremony on November 11, 2020 at UNC Medical Center in Chapel Hill.

Military-civilian partnerships are a critical part of ensuring the readiness of the nation's military medical force to save lives on the battlefield in times of war. The agreement between UNC Health and Army Medicine has the potential to impact far beyond improved battlefield trauma care. By working and training together there will be a sharing of expertise and experience that will improve trauma care for both military service members and civilians. It also provides the opportunity to strengthen and improve both health systems. The collaboration is a foundation of preparedness for response to national disasters and crises such as the ongoing COVID pandemic.

The first formal partnership for this program has begun with Dr. Matthew Eckert, Assistant Professor of Surgery and Lieutenant Colonel (P) US Army Medical Corps. Dr. Eckert has been provided a appointment within the Department acting as an embedded physician in the program, a first for the Army. Other trauma surgeons will also be training with UNC Surgery in a rotational capacity. The Department has also created a Critical Care fellowship spot dedicated to the Army training program. Currently the spot is filled by Ronald Hardin, MD, Colonel (P) US Army Medical Corps. There is a team of two medics, two nurses, and two OR techs doing rotation through UNC Medical Center before they deploy.

"I am one of the guinea pigs to get these programs started," said Dr. Eckert. The intent of beginning these programs was to find folks who have an academic surgical background, who can blend easily into a university setting, where all these programs are. UNC has welcomed me with open arms. That's the start of relationships that are key to getting the first few people in these military-civilian collaboration programs settled and working efficiently. Establishing these relationships allows us to then, in turn, provide meaningful educational experiences for people who rotate through after us."



Telita Crosland, Deputy Surgeon General and Dr. Booker T. King, Chief of the Division of Burn Surgery, retired Captain in the U.S. Army and former Trauma Medical Director and Co-Director of Critical Care Services at the Womack Army Medical Center.

Other Departments within UNC Medical Center that will be supporting the partnership and making room for rotating physicians include the Emergency Room, Neurosurgeons, Certified Registered Nurse Anesthetists, and Orthopedics. These physicians and Advanced Practice Providers will be rotating either before deployment or on their return.

Under the AMSSP, a portion of the FRST will work full-time at UNC Medical Center while others will rotate to the hospital on a periodic basis. In addition to their clinical duties, FRST personnel will participate in military training exercises and other unit-based training at Fort Bragg to maintain unit readiness as they prepare for deployment. Additionally, other Army medical personnel assigned to Womack Army Medical Center at Fort Bragg will rotate to UNC Medical Center for trauma sustainment training and provide surgical and other trauma care alongside their UNC counterparts while supporting training for other military and civilian healthcare providers.

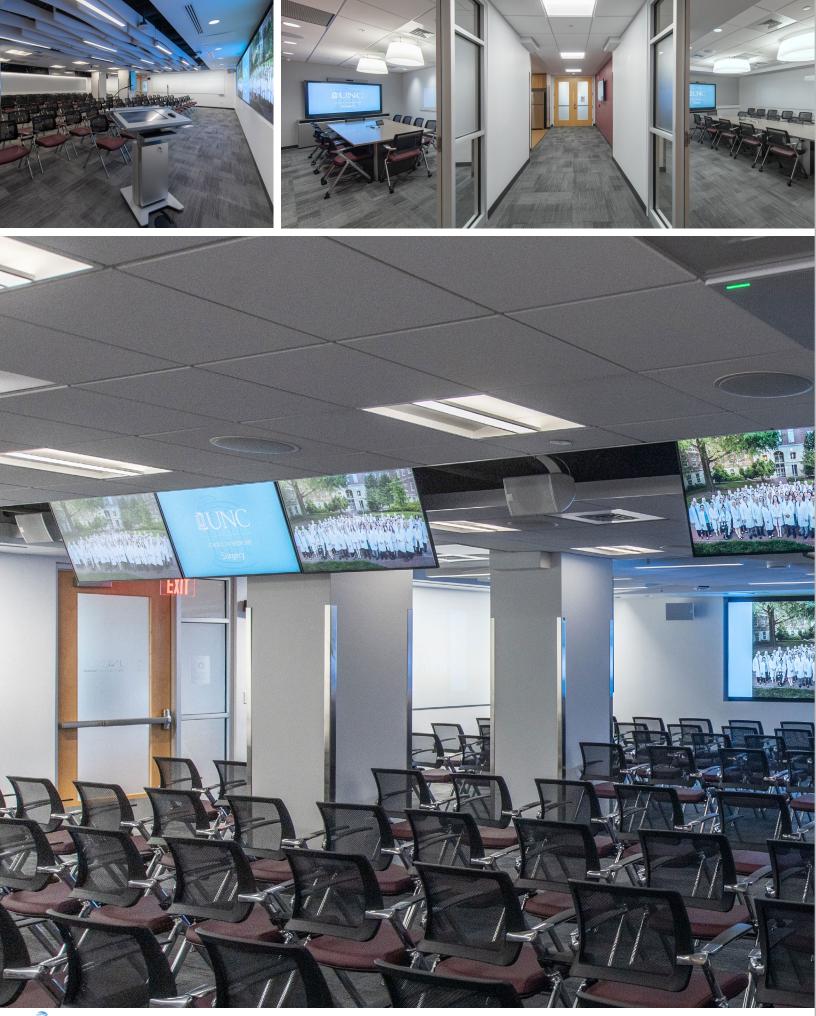


Command Major Sergeant Diamond Hough, Mr. Romicchio the Deputy G-3/5/7 for the US Army Medical Command , Daryhl Johnson, MD, medical director of the UNC Medical Center Trauma Program, Telita Crosland, Deputy Surgeon, Al Bonafacio, UNC Medical Center Trauma Program Manager during a tour of the Trauma unit on Veterans Day.

The partnership developed in large part due to the efforts of Dr. Daryhl Johnson, medical director of the UNC Medical Center Trauma Program. He will help lead the military-civilian partnership at UNC Health. Two years ago the trauma center at Fort Bragg was looking for support to help turn their trauma center into a level 3 unit. They called the UNC Surgery team and Dr. Johnson collaborated with them as a consultant. That opened the door to conversations that eventually led to the official current partnership.

This will be the seventh military-civilian training partnership established in the United States to date. "This is the most extensive training partnership the Army has established so far," explains Dr. Johnson. "What we are building here will not only be a model for the Army but for other branches of the military as well. With the help of Al Bonafacio, the Trauma Program Manager, we have established a great culture within our Trauma Program that works seamlessly with this training program we have established."

Eventually, there are plans to establish the UNC Trauma Military Education Immersion Center, or MEDIC, at UNC Medical Center. "We expect our partnership will be a model for similar initiatives across the country," Dr. Johnson said. "We are proud to provide a place to train our military medical providers, while learning from them, and helping build a solid future for our nation's military readiness."







UNC Surgery Education Center Innovative Space for Collaboration and Training

Opening December 2020

We are pleased to report the completion of a multi-year construction project that will move UNC Surgery to the forefront of surgical innovation and clinical care excellence. This Surgery Education Center includes state-of-the-art conference rooms, a large educational theater, a new lobby, and additional office and hoteling spaces. "Not only did we strive to create a feature-rich space with all the amenities of a great conference room, but we truly wanted to create an environment that focused on education," said Dr. Kibbe. "This project helps to advance our goal of enriching the overall academic environment and trainee experience."

Connecting our surgeons to their peers for collaboration was a priority, but we also wanted a way to incorporate live camera feeds, telemetry data, imaging, and seamless 2-way communication between the operating rooms and our Surgery Education Center. With the design and construction of UNC's new Surgical Tower slated to open in early 2024, we will have full AV connectivity with all the tower's operating rooms. This ability will create tremendous teaching opportunities for trainees, faculty, and community surgeons.

"We prioritized intuitive design so that our surgeons can easily engage with the interactive technology," said Christopher Ferrer, AV Engineer with the UNC School of Medicine. Technical features of the upgraded space include a dramatic 24' direct-view LED videowall, a custom-designed interactive intelligent lectern, a fullfeatured control room, an acoustic wave ceiling, glass whiteboards, digital signage and full AVoIP connectivity. AV over IP (AVoIP) is a newer technology that allows video presentations to easily be routed and shared to surrounding department conference spaces and offices over our enterprise data network.

"Partnering with the Department of Surgery in the design and construction of this exceptional academic learning environment was exciting for School of Medicine IT," said Uduak Ndoh, Associate Dean for IT and CIO. "My hope is that this space will provide our faculty and learners a unique and effective way to collaborate."

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UNC SURGERY ON INSTAGRAM

Instagram is a free photo and video sharing social media application. UNC Surgery started an Instagram account <u>@uncsurgery</u> on September 3rd. The account was created as the next step in our social media strategy to connect to more individuals including potential patients, residents, and potential residents and fellows.

The Department was inspired to start our account because of the amazing work of our residents. Our residency programs including General Surgery, Cardiothoracic Surgery, Plastic Surgery, and Vascular Surgery have been doing a fantastic job of posting great content about their faculty, residents and the amazing dedicated work they do every day in the operating room. Thank you to all the residents who have participated and shared content on the accounts. Cardiothoracic Surgery residency started their account <u>@unc_ct_surgery</u> in November of 2019. However, this past September is when they really started to ramp up their postings thanks to the effort of Catharine McDermott, PGY5 CT resident.

The General Surgery residency program <u>@uncgensurgeryresidency</u> has Mary Kate Bryant, PGY4 resident, to thank for the wonderful stream of content being shared on their account. They started their account in July and already have close to 1000 followers.

The Plastic and Reconstructive Surgery Residency program <u>@uncplasticsurgery</u> Instagram account was created in May by Karishma Reddy, PGY 6 Plastics resident. She has been sharing impactful content ever since its inception.

The Vascular Surgery Residency program <u>@uncvascularsurgery</u> recently started their account in October. The account is managed by Colby Ruiz, PGY2 Vascular resident.

What makes these accounts so unique is that we get to learn more about our people, not just their skills and expertise but who they are on a personal level; their hobbies, fun facts, favorite foods and more. We've even gotten to see photos of recent weddings, births, adventures in the NC area. That is so very special to us and we appreciate everyone's efforts to showcase UNC Surgery and what we offer.



A SURGEON & HIS SERVICE DOG



In April of 2020 Dr. Benjamin Haithcock, Professor and Surgical Director for UNC Lung Transplant Program, took on a new responsibility. This one didn't involve the medical field but instead, he and his wife became service dog trainers, welcoming Sansa, a three-month-old black lab puppy, into their home.

The Haithcocks are not newbies when it comes to taking care of dogs, having

two greyhounds in their home already. However, this was the first time they decided to take on the challenge of housing and training a service guide dog.

"We wanted to do something to give back to the community and embrace our passion of four legged dogs," says Dr. Haithcock, which is why he and his wife contacted Guide Dog Foundation for the Blind and connected with Christina Musser, a Triangle Area Coordinator. "Those interested in being trainers fill out an online application," explains Christina. "The Foundation vets the applicants and then sends potential trainers to me."

From there she walks them through the process and does a home visit to help with puppy proofing. Once the animal is placed they do monthly training sessions to help the trainers best work with the dogs.

Now at 10 months old Sansa is a regular fixture at UNC Medical Center. She has her

yellow vest and accompanies Dr. Haithcock on rounds as well as sees patients in the clinic with him. "We've been all over the hospital and it's been good training for her to get used to other people, see things on the floor, medical equipment and stuff like that," says Dr. Haithcock. "I think it's been a pretty great experience for her."

"I do have to remind people not to touch the dog," explains Dr. Haithcock. "Sansa is a cool looking black lab and so friendly and wants to greet everyone but we are trying to train her to stay focused and on the job and not get distracted. What's been awesome is that the residents have gotten used to her and see her like just another intern."

Sansa is learning right along Dr. Haithcock on this journey. We wish them luck and ask that those that encounter Sansa in the hospital appreciate her cuteness but give her space to do her job.

CAMP CELEBRATE 2020

Camp Celebrate 2020 is usually a weekend camp for children ages 7 - 15 who have survived burn injuries. In its 39th year, Camp Celebrate is the country's oldest camp for pediatric burn survivors. This year, however, looked very different than in years past. Due to the COVID-19 pandemic organizers had to make some tough decisions about Camp to keep the tradition alive for its campers.

Unlike past years, Camp consisted of a one day event that included 45 campers, 12 counselors and 4 staff. Check-in happened at Camp Kanata in place of the usual, very large, firetruck parade. Parents drove their kids into camp under a huge American flag displayed by a couple of firetrucks and remained in the cars as Kanata staff performed screenings (questions and temps taken). Masks were worn by everyone throughout the day.

Activities included kayaking, canoeing, rock throwing, archery, lake time/swimming with a huge water slide and bouncy blob, climbing wall, putt-putt golf, etc. Organizers did have a performer (Flow Circus) come out to entertain the campers and teach them juggling tricks with flop balls, which every camper and counselor received. "For many of us, that was the first time being around that many people," explains Maria Albani, NC Jaycee Burn Center Aftercare Coordinator. "Thanks to Camp Kanata and their staff for providing a safe and fun space for Camp Celebrate 2020 Day Camp to happen! Personally, it was an incredible feeling to see so many folks enjoying themselves and being together. We were so thrilled to be able to provide this safe experience and opportunity to have the Camp Celebrate family reunited, even if it was for just one day."

For a better look at Camp Celebrate 2020 check out their <u>video</u>.



HIGHLIGHTS & HONORS FACULTY



Booker T. King, MD

Professor and Chief, Division of Burn Surgery, elected Vice Chair for Burn Surgery to the North Carolina Committee in Trauma (NC- COT)



Michael Meyers, MD

Professor, Division of Surgical Oncology, was elected to the American College of Surgeons Board of Governors as the Surgical Specialty Society Governor from the Southeastern Surgical Congress (SeSC)

GRANTS & AWARDS FACULTY & RESIDENTS

Trista Reid, MD

Assistant Professor, Division of General Surgery, won the FY20 Carolina Care Award



lan Kratzke, MD Resident, General Surgery PGY4, is the Inaugural Recipient of the Erle E. Peacock, Jr., MD Award





The Enhanced Recovery After Surgery (ERAS) program received recognition for institutional spread and sustainability as part of the UNC Medical Center Quality and Safety awards program. This program developed out of a desire from senior leadership to recognize quality improvement efforts across the Medical Center, including both inpatient and outpatient services.

"The ERAS team is so proud to have received the UNC Medical Center Quality and Safety Award for institutional spread and sustainability of our enhanced recovery program," says Dr. Katharine McGinigle, Surgical Director of the ERAS program. "In addition to the many pathways in the general surgery department, now all surgical departments are using ERAS. Now that ERAS concepts have spread throughout the institution, we will focus in on sustaining and improving the existing pathways. The ERAS team aims to help each of you elevate the quality care that you provide. Thank you for your support!"

Desai Included as Panelist on Global Summit of Indian Scientists and Academics

By Carleigh Gabryel, appeared in Vital Signs November 4, 2020



The Vaishwik Bharatiya Vaigyanik (VAIBHAV) Summit of international scientists of Indian origin was a nearly month-long initiative of the prime minister of India, and sought to create a broader ecosystem of knowledge and innovation in the country through global interactions. Chirag Desai, MD, Professor of Surgery, was invited to give an expert opinion and proposal for the development of Cell Transplant Programs.

The VAIBHAV Summit took place virtually Oct. 3-31st and included deliberations held under a structured framework of 80 subjects including health and medical sciences. The goal was to create a framework for systematic and objective driven collaboration between international academia with Indian roots and current Indian residents to pave the way for the country's advancement in academics and scientific research.

Chirag Desai, Surgical Director of UNC's Liver Transplant and Autologous Islet Cell Transplant Program, discussed the mechanism to lay the foundation for developing a cell isolation facility for a clinical program, how to help with standard operating procedure guideline development, establishing a clinical program, and also discussed the potential of research collaboration in the field.

NEW FACULTY



Jacob Wood, MD Assistant Professor Vascular Surgery

Dr. Wood received his Bachelor of Science degree from Weber State University summa cum laude in 2009. His medical degree was awarded from Boston University in

2013. He then completed his General Surgery residency at the University of Connecticut, followed by a Vascular Surgery fellowship at the Medical College of Wisconsin, which he completed in July 2020.

Dr. Wood joins our Department of Surgery as a vascular and endovascular surgeon in the Division of Vascular Surgery. Dr. Wood has a particular interest in human anatomy and physiology. As an undergraduate, he served as a Human Anatomy instructor and Laboratory Coordinator and received the Arnold Award in Human Anatomy. Art is part of his life, creating medical illustrations for book chapters and journal articles. His publication credits include medical illustrations for three textbooks. Read more about Dr. Wood in his interview.

Matthew Eckert, MD Assistant Professor General Surgery

Dr. Eckert received his BS and BA degrees from Saint Louis University in 2000 and a medical degree from Loyola University in 2004. He completed his general surgery

residency at Madigan Army Medical Center in 2010, followed by critical care and trauma/acute care surgery fellowships at Vanderbilt University in 2012. This year, he completed a Master of Health Professions Education (MHPE) program through the Uniformed Services University of Health Sciences.

Dr. Eckert joins our Department of Surgery in the Division of General and Acute Care. He was most recently the Trauma Medical Director and Chief of General Surgery Clinics at Madigan Army Medical Center, an active duty Lieutenant Colonel in the US Army and Assistant Professor of Surgery at the Uniformed Services University of the Health Sciences. Dr. Eckert served numerous combat deployments in Afghanistan, Iraq, and Africa with the United States Special Operations Command. Read more about Dr. Eckert in his <u>interview.</u>

NEW HEALTHCARE **STAFF**



Cameron Wilson Advanced Practice Provider Burn ICU Surgery

Cameron received his Bachelor of Science from Grand Valley State University and went on to get his Masters degree in Physician Assistant

Studies from Penn State Hershey College of Medicine. He has experience as a Wound Care Tech at Spectrum Regional Burn Center in Grand Rapids, MI, a Physician Assistant in the Burn ICU Leigh Valley Health Network in Allentown, PA and at Arkansas Children's Hospital in Little Rock, AR. A fun fact about Cameron is that he used to play in an 80's cover band. He enjoyes playing the drums, renovating houses, fantasy football and boating/water skiing.



Jessica Johnson Advanced Practice Provider Surgical Oncology

Jessica received her Bachelor of Science in Biology from the University of Florida in 2010 and went back to get her Bachelor of Science in Nursing in 2012.

She completed her Masters in Nursing in 2019 from UNC Chapel Hill. She has over seven years of bedside nursing, mostly in the ICU. She has worked in the Surgical ICU and Medicine progressive units at UF, and the PACU and MICU at UNC Medical Center in Chapel Hill. Ocala, FL will always be home, but she has her heels stuck in the NC tar. She enjoys walks in the woods with her two Australian Shepherds, cheering on the Florida Gators, and spending time with family.



Dates: August, September, October 2020 PUBLICATIONS | ABDOMINAL TRANSPLANT

Baquero A, Beyda DH, Fiatarone Singh M, Gilcrease G, Gutierrez JE, Lavee J, Matas D, Paul N, Richards B, Robertson MP, Rogers W, Scalettar R, Shapiro M, Sharif A, Toledo AH, Trey T. Comment on "Lung Transplantation for Elderly Patients With End-stage COVID-19 Pneumonia". Ann Surg. 2020 Oct 15. Epub ahead of print. PMID: 33065638.

Williams BM, Baldwin X, Vonderau JS, Hyslop WB, Desai CS. Portal flow dynamics after total pancreatectomy and autologous islet cell transplantation. Clin Transplant. 2020 Oct 14:e14112. Epub ahead of print. PMID: 33053235.

PUBLICATIONS | BURN

Huang N, Perez P, Kato T, Mikami Y, Okuda K, Gilmore RC, Domínguez Conde C, Gasmi B, Stein S, Beach M, Pelayo E, Maldonado J, LaFont B, Padilla R, Murrah V, **Maile R**, Lovell W, Wallet S, Bowman NM, Meinig SL, Wolfgang MC, Choudhury SN, Novotny M, Aevermann BD, Scheuermann R, Cannon G, Anderson C, Marchesan J, Bush M, Freire M, Kimple A, Herr DL, Rabin J, Grazioli A, French BN, Pranzatelli T, Chiorini JA, Kleiner DE, Pittaluga S, Hewitt S, Burbelo PD, Chertow D, Frank K, Lee J, Boucher RC, Teichmann SA, Warner BM, Byrd KM. Integrated Single-Cell Atlases Reveal an Oral SARS-CoV-2 Infection and Transmission Axis. medRxiv [Preprint]. 2020 Oct 7:2020.10.26.20219089. PMID: 33140061; PMCID: PMC7605572.

Williams FN, Chrisco L, Strassle PD, Laughon SL, Sljivic S, Nurczyk K, Nizamani R, King BT, Charles A. Bias in alcohol and drug screening in adult burn patients. Int J Burns Trauma. 2020 Aug 15;10(4):146-155. PMID: 32934869; PMCID: PMC7486561.

Williams FN, Chrisco L, Nizamani R, King BT. COVID-19 related admissions to a regional burn center: The impact of shelterin-place mandate. Burns Open. 2020 Oct;4(4):158-159. Epub 2020 Jul 28. PMID: 32838100; PMCID: PMC7386475.

PUBLICATIONS | CARDIOTHORACIC

Ceppa DP, Ikonomidis JS, Timsina LR, Boden N, Kane LC, Donington JS. STS 2019 Workforce Report: Ad Hoc Analysis of Women in Cardiothoracic Surgery. Ann Thorac Surg. 2020 Oct 15:S0003-4975(20)31687-8. Epub ahead of print. PMID: 33069679.

Herb JN, Kindell DG, Strassle PD, Stitzenberg KB, Haithcock BE, Mody GN, Long JM. Trends and Outcomes in Minimally Invasive Surgery for Locally Advanced Non-Small-Cell Lung Cancer With N2 Disease. Semin Thorac Cardiovasc Surg. 2020 Sep 24:S1043-0679(20)30281-1. Epub ahead of print. PMID: 32979480.

Ikonomidis JS. Cardiothoracic Surgery: Reinventing the Wheel of Vascular Surgery Involvement: Reply. Ann Thorac Surg. 2020 Sep 19:S0003-4975(20)31509-5. Epub ahead of print. PMID: 32961137. Tian S, Nakamura J, Hiller S, Simington S, Holley DW, Mota R, Willis MS, Bultman SJ, Luft JC, DeSimone JM, Jia Z, Maeda N, Yi X. New insights into immunomodulation via overexpressing lipoic acid synthase as a therapeutic potential to reduce atherosclerosis. Vascul Pharmacol. 2020 Oct-Nov;133-134:106777. Epub 2020 Aug 1. PMID: 32750408.

Fesmire CC, Petrella RA, Fogle CA, Gerber DA, Xing L, Sano MB. Temperature Dependence of High Frequency Irreversible Electroporation Evaluated in a 3D Tumor Model. Ann Biomed Eng. 2020 Aug;48(8):2233-2246. Epub 2020 May 14. PMID: 32409902.

Purcell LN, Bartley C, Purcell ME, Cairns BA, King BT, Charles A. The effect of neighborhood Area Deprivation Index on residential burn injury severity. Burns. 2020 Aug 1:S0305-4179(20)30473-3. Epub ahead of print. PMID: 32830002.

Williams FN, Lee JO. Pediatric Burn Infection. Surg Infect (Larchmt). 2020 Aug 13. Epub ahead of print. PMID: 32790497.

Williams FN, Nizamani R, Chrisco L, King BT. Increased Burn Center Admissions During COVID-19 Pandemic. J Burn Care Res. 2020 Sep 23;41(5):1128. PMID: 32609342; PMCID: PMC7337748.

Nurczyk K, Chrisco LP, Di Corpo M, Nizamani R, Sljivic S, Calvert CT, Jones SW, Cairns BA, Williams FN. Work-Related Burn Injuries in a Tertiary Care Burn Center, 2013 to 2018. J Burn Care Res. 2020 Sep 23;41(5):1009-1014. PMID: 32598473.

Nizamani R, Heisler S, Chrisco L, Campbell H, Jones SW, Williams FN. Osteomyelitis Increases the Rate of Amputation in Patients With Type 2 Diabetes and Lower Extremity Burns. J Burn Care Res. 2020 Sep 23;41(5):981-985. PMID: 32597956.

Wilson HK, Haithcock BE, Caranasos TG. Novel Modification of HeartMate 3 Implantation. Ann Thorac Surg. 2020 Sep 16:S0003-4975(20)31489-2. Epub ahead of print. PMID: 32949610.

Bui J, Bennett WC, Long J, Strassle PD, Haithcock B. Recent Trends in Cardiothoracic Surgery Training: Data from the National Resident Matching Program. J Surg Educ. 2020 Sep 11:S1931-7204(20)30286-5. Epub ahead of print. PMID: 32928698.

Mohanty K, Karbalaeisadegh Y, Blackwell J, Ali M, Masuodi B, Egan T, Muller M. In Vivo Assessment of Pulmonary Fibrosis and Pulmonary Edema in Rodents Using Ultrasound Multiple Scattering. IEEE Trans Ultrason Ferroelectr Freq Control. 2020

PUBLICATIONS | CARDIOTHORACIC CONTINUED

Nov;67(11):2274-2280. Epub 2020 Oct 27. PMID: 32924940.

Ikonomidis JS. Underestimation of CT Surgery "Burnout". Ann Thorac Surg. 2020 Sep 2:S0003-4975(20)31440-5. Epub ahead of print. PMID: 32890489.

Maller VV, Cohen HL, Boston U, Sainathan S, Knott-Craig CJ. Virtual endoluminal aortic root views determined at coronary CT angiography – an important tool for improving anomalous coronary artery visualization and surgical planning. Pediatr Radiol. 2020 Sep 5. Epub ahead of print. PMID: 32889583.

Khoury AL, Kolarczyk LM, Strassle PD, Feltner C, Hance LM, Teeter EG, Haithcock BE, Long JM. Thoracic Enhanced Recovery After Surgery: Single Academic Center Observations After Implementation. Ann Thorac Surg. 2020 Aug 14:S0003-4975(20)31310-2. Epub ahead of print. PMID: 32805268.

Egan TM, Requard JJ 3rd. Afterlife for lungs: A way to

increase donor lungs for transplant. Am J Transplant. 2020 Oct;20(10):2954-2955. Epub 2020 Jun 24. PMID: 32579288. Basch E, Mody GN, Dueck AC. Electronic Patient-Reported Outcomes as Digital Therapeutics to Improve Cancer Outcomes. JCO Oncol Pract. 2020 Sep;16(9):541-542. Epub 2020 Jun 2. PMID: 32484724.

Ikonomidis JS, Boden N, Atluri P. The Society of Thoracic Surgeons Thoracic Surgery Practice and Access Task Force-2019 Workforce Report. Ann Thorac Surg. 2020 Sep;110(3):1082-1090. Epub 2020 May 14. PMID: 32418630; PMCID: PMC7483689.

Maul TM, Aspenleiter M, Palmer D, Sharma MS, Viegas ML, Wearden PD. Impact of Circuit Size on Coagulation and Hemolysis Complications in Pediatric Extracorporeal Membrane Oxygenation. ASAIO J. 2020 Sep/Oct;66(9):1048-1053. PMID: 31977350.

PUBLICATIONS | GASTROINTESTINAL

Jensen SM, Thompson RE, Machineni S, **Overby DW**, **Farrell TM**. Refractory Hypocalcemia Following Stomach Intestinal Pylorus-Sparing Bariatric Surgery and Thyroidectomy: Successful Management With Creation of a Proximal Roux-en-Y Gastric Bypass. Am Surg. 2020 Oct 30:3134820952427. Epub ahead of print. PMID: 33125276.

Kratzke IM, Kapadia MR. Surgical Coaching-It's All About the Relationship. JAMA Surg. 2020 Oct 14. Epub ahead of print. PMID: 33052385.

Zhou P, Goffredo P, Ginader T, Thompson D, Hrabe J, Gribovskaja-Rupp I, Kapadia M, Hassan I. Impact of KRAS status on tumor response and survival after neoadjuvant treatment of locally advanced rectal cancer. J Surg Oncol. 2020 Oct 6. Epub ahead of print. PMID: 33022750.

Kratzke IM, Campbell A, Yefimov MN, Mosaly PR, Adapa K, Meltzer-Brody S, Farrell TM, Mazur LM. Pilot Study Using Neurofeedback as a Tool to Reduce Surgical Resident Burnout. J Am Coll Surg. 2020 Sep 11:S1072-7515(20)32302-4. Epub ahead of print. PMID: 33022395.

Riedinger CJ, Zite NB, **Overby DW**, Robinson EF, Moulder JK. Optimizing contraceptive access for women undergoing bariatric surgery. Surg Obes Relat Dis. 2020 Aug 26:S1550-7289(20)30474-3. Epub ahead of print. PMID: 33004300.

Ghaderi I, Korovin L, Farrell TM. Preparation for Challenging Cases: What Differentiates Expert From Novice Surgeons? J Surg Educ. 2020 Sep 18:S1931-7204(20)30316-0. Epub ahead of print. PMID: 32958418.

Kapadia MR, Lee E, Healy H, Dort JM, Rosenbaum ME, Newcomb AB. Training Surgical Residents to Communicate with Their Patients: A Scoping Review of the Literature. J Surg Educ. 2020 Sep 11:S1931-7204(20)30315-9. Epub ahead of print. PMID: 32928697.

Richmond BK, Dean LS, **Farrell TM**. The Impact of the COVID-19 Pandemic on Surgical Practice in the Southeastern United States: Results of a Survey of the Membership of the Southeastern Surgical Congress. Am Surg. 2020 Aug;86(8):916-925. Epub 2020 Sep 14. PMID: 32926795.

Zhou P, Rosenbaum ME, **Kapadia MR**. Improving Postoperative Conversations With Families: What We Can Learn From Experience. J Surg Res. 2020 Aug 15;256:629-635. Epub ahead of print. PMID: 32810663.

Patti MG, Lobo E, Fisichella PM. Letter to the Editor: What It Means to Be an Academic Physician Today: Considerations at the End of the Tunnel. J Laparoendosc Adv Surg Tech A. 2020 Sep;30(9):939-940. Epub 2020 Jul 28. PMID: 32735502.

Cassão BD, Herbella FAM, Dos Santos MCE, Saad SS, Patti MG. University Hospital Financial Status Does Not Influence Subjective Perception of General Surgery Residents on Training Adequacy. World J Surg. 2020 Aug;44(8):2495-2500. PMID: 32246184.

Schlottmann F, Gaber C, Strassle PD, Charles AG, Patti MG. Health care disparities in colorectal and esophageal cancer. Am J Surg. 2020 Aug;220(2):415-420. Epub 2019 Dec 23. PMID: 31898942.

Schlottmann F, Herbella FAM, Patti MG. Per-oral endoscopic myotomy for achalasia: Lights and shadows. Cir Esp. 2020 Aug-Sep;98(7):371-372. English, Spanish. Epub 2019 Oct 31. PMID: 31677722.

Dates: August, September, October 2020 PUBLICATIONS | GENERAL & ACUTE CARE

Gallaher J, Purcell LN, Banda W, Reid T, Charles A. Reevaluation of the Effect of Age on In-hospital Burn Mortality in a Resource-Limited Setting. J Surg Res. 2020 Oct 8;258:265-271. Epub ahead of print. PMID: 33039634.

Westfall KM, **Purcell LN**, **Charles AG**. Computed Tomography for Acute Appendicitis Diagnosis and Confirmation in Men : Trends and Cost Implications. Am Surg. 2020 Sep 28:3134820951483. Epub ahead of print. PMID: 32988226.

Lammers DT, Marenco CW, Do WS, Conner JR, Horton JD, Martin MJ, Escobar MA, Bingham JR, Eckert MJ. Pediatric Adjusted Reverse Shock Index Multiplied by Glasgow Coma Scale as a Prospective Predictor for Mortality in Pediatric Trauma. J Trauma Acute Care Surg. 2020 Sep 23. Epub ahead of print. PMID: 32976326.

Bryant MK, Reynolds K, Brittain C, Patel Z, **Reid TDS**, Maine RG, **Udekwu P**. Does Level of Blood Alcohol Content Affect Clinical Outcomes After Trauma in Older Adult Patients? Am Surg. 2020 Sep;86(9):1106-1112. Epub 2020 Sep 23. PMID: 32967437.

PUBLICATIONS | PEDIATRIC

Purcell LN, Marulanda K, Egberg M, Mangat S, McCauley C, Chaumont N, Sadiq TS, Lupa C, McNaull P, McLean SE, Hayes-Jordan A, Phillips MR. An enhanced recovery after surgery pathway in pediatric colorectal surgery improves patient outcomes. J Pediatr Surg. 2020 Oct 6:S0022-3468(20)30677-1. Epub ahead of print. PMID: 33131774.

Scott-Conner C, Nakayama DK. Calling All Surgeon-Writers. Am Surg. 2020 Sep;86(9):1056. PMID: 33049162.

Mangat S, Haithcock BE, Mclean SE. Omental Flap Provides Definitive Management for Pediatric Patient With Multiple Tracheoesophageal Fistula Recurrences. Am Surg. 2020 Aug 17:3134820933609. Epub ahead of print. PMID: 32804549.

Whitlock RS, Malik T, Smith V, Mahajan P, Hayes-Jordan A, Vasudevan SA. Sclerosing Encapsulating Peritonitis in a Pediatric Patient Treated With Cytoreductive Surgery and Hyperthermic Intraperitoneal Chemotherapy. J Pediatr Hematol Oncol. 2020 Aug 5. Epub ahead of print. PMID: 32769559.

Phillips MR, Schwartz SP, Smith MM, Leung D, McLean SE, Clement KC. Neonatal ECMO for Cardiopulmonary Failure Due to Carbamoyl Phosphate Synthetase I Deficiency. Am Surg. 2020 Aug 5:3134820940630. Epub ahead of print. PMID: 32755389.

Portelli Tremont JN, Orleans B, Strassle PD, Dreesen

EB, Brownstein MR. Hypertension in the Young Adult Trauma Population: Rethinking the Traditional "Incidentaloma". J Surg Res. 2020 Aug 12;256:439-448. Epub ahead of print. PMID: 32798991.

Jones IF, Lammers DT, Conner JR, Holtestaul TA, leronimakis N, Caretti D, McClellan JM, Eckert MJ, Bingham JR. Quality Assurance During a Global Pandemic: An Evaluation of Improvised Filter Materials for Healthcare Workers. J Occup Environ Med. 2020 Oct;62(10):781-782. PMID: 32769798.

Raff LA, Schinnerer EA, Maine RG, Jansen J, Noorbakhsh MR, Spigel Z, Campion E, Coleman J, Saquib S, Carroll JT, Jacobson LE, Williams J, Young AJ, Pascual J, Burruss S, Gordon D, Robinson BRH, Nahmias J, Kutcher ME, Bugaev N, Jeyamurugan K, Bosarge P. Contemporary management of traumatic cervical and thoracic esophageal perforation: The results of an Eastern Association for the Surgery of Trauma multi-institutional study. J Trauma Acute Care Surg. 2020 Oct;89(4):691-697. PMID: 32590561.

Weiss AR, Chen YL, Scharschmidt TJ, Chi YY, Tian J, Black JO, Davis JL, Fanburg-Smith JC, Zambrano E, Anderson J, Arens R, Binitie O, Choy E, Davis JW, **Hayes-Jordan A**, Kao SC, Kayton ML, Kessel S, Lim R, Meyer WH, Million L, Okuno SH, Ostrenga A, Parisi MT, Pryma DA, Randall RL, Rosen MA, Schlapkohl M, Shulkin BL, Smith EA, Sorger JI, Terezakis S, Hawkins DS, Spunt SL, Wang D. Pathological response in children and adults with large unresected intermediate-grade or high-grade soft tissue sarcoma receiving preoperative chemoradiotherapy with or without pazopanib (ARST1321): a multicentre, randomised, open-label, phase 2 trial. Lancet Oncol. 2020 Aug;21(8):1110-1122. Epub 2020 Jul 20. PMID: 32702309.

Mangat S, Hance L, Ricketts KJ, Phillips MR, Mclean SE. The impact of an enhanced recovery perioperative pathway for pediatric pectus deformity repair. Pediatr Surg Int. 2020 Sep;36(9):1035-1045. Epub 2020 Jul 21. PMID: 32696123. Phillips MR. The Electronic Health Record Will Be What We Make It. Ann Surg. 2020 Aug;272(2):229-230. PMID: 32675487.

Phillips MR, English SL, Reichard K, Vinocur C, Berman L. The safety and efficacy of using negative pressure incisional wound VACs in pediatric and neonatal patients. J Pediatr Surg. 2020 Aug;55(8):1470-1474. Epub 2019 Dec 2. PMID: 31839369.

PUBLICATIONS | PLASTICS

Ogunleye AA, Deptula PL, Inchauste SM, Zelones JT, Walters S, Gifford K, LeCastillo C, Napel S, Fleischmann D, Nguyen DH. The utility of three-dimensional models in complex microsurgical reconstruction. Arch Plast Surg. 2020 Sep;47(5):428-434. Epub 2020 Sep 15. PMID: 32971594; PMCID: PMC7520243.

Lopez M, Roberson ML, **Strassle PD**, **Ogunleye A**. Epidemiology of Lymphedema-related admissions in the United States: 2012-2017. Surg Oncol. 2020 Sep 9;35:249-253. Epub ahead of print. PMID: 32932222.

Le E, Shrader P, Bosworth H, Hurst J, Goldstein B, Drake A, Wood J, David LR, Runyan CM, Vissoci JRN, Harker M, Allori AC. Provision and Utilization of Team- and Community-Based Operative Care for Patients With Cleft Lip/Palate in North Carolina. Cleft Palate Craniofac J. 2020 Nov;57(11):1298-1307. Epub 2020 Aug 26. PMID: 32844676.

PUBLICATIONS | SURGICAL ONCOLOGY

Wo JY, Anker CJ, Ashman JB, Bhadkamkar NA, Bradfield L, Chang DT, Dorth J, Garcia-Aguilar J, Goff D, Jacqmin D, Kelly P, Newman NB, Olsen J, Raldow AC, Ruiz-Garcia E, **Stitzenberg KB**, Thomas CR Jr, Wu QJ, Das P. Radiation Therapy for Rectal Cancer: Executive Summary of an ASTRO Clinical Practice Guideline. Pract Radiat Oncol. 2020 Oct 21:S1879-8500(20)30207-1. Epub ahead of print. PMID: 33097436.

Myers SP, **Downs-Canner SM**, Rosengart MR. Training in Surgery-Reply. JAMA Surg. 2020 Oct 21. Epub ahead of print. PMID:33084887.

Nakhlis F, Baker GM, Pilewskie M, Gelman R, Calvillo KZ, Ludwig K, McAuliffe PF, Willey S, Rosenberger LH, Parker C, Gallagher K, Jacobs L, Feldman S, Lange P, DeSantis SD, Schnitt SJ, King TA. The Incidence of Adjacent Synchronous Invasive Carcinoma and/ or Ductal Carcinoma In Situ in Patients with Intraductal Papilloma without Atypia on Core Biopsy: Results from a Prospective Multi-Institutional Registry (TBCRC 034). Ann Surg Oncol. 2020 Oct 12. Epub ahead of print. PMID: 33047246.

Rashid NU, Li Q, **Yeh JJ**, Ibrahim JG. Modeling Between-Study Heterogeneity for Improved Replicability in Gene Signature Selection and Clinical Prediction. J Am Stat Assoc. 2020;115(531):1125-1138. Epub 2019 Oct 29. PMID: 33012902; PMCID: PMC7528965.

Grova MM, Strassle PD, Navajas EE, Gallagher KK, Ollila DW, Downs-Canner SM, Spanheimer PM. The Prognostic Value of Axillary Staging Following Neoadjuvant Chemotherapy in Inflammatory Breast Cancer. Ann Surg Oncol. 2020 Sep 24. Epub ahead of print. PMID: 32974693.

Emerson MA, Golightly YM, Aiello AE, Reeder-Hayes KE, Tan X, Maduekwe U, Johnson-Thompson M, Olshan AF, Troester MA. Breast cancer treatment delays by socioeconomic and health care access latent classes in Black and White women. Cancer. 2020 Nov 15;126(22):4957-4966. Epub 2020 Sep 21. PMID: 32954493.

Meyers MO. Reply to B.P.L. Wijnhoven et al and F. Nuytens et al. J Clin Oncol. 2020 Sep 18:JCO2002390. Epub ahead of print. PMID: 32946358.

Kahkoska AR, Betancourt RL, Kim LT. A Rare Case of Metastatic

Adenocarcinoma Involving a Parathyroid Adenoma. Am Surg. 2020 Sep 15:3134820951460. Epub ahead of print. PMID: 32931303.

Nayyar A, Strassle PD, Iles K, Jameison D, Jadi J, McGuire KP, Gallagher KK. Survival Outcomes of Early-Stage Hormone Receptor-Positive Breast Cancer in Elderly Women. Ann Surg Oncol. 2020 Nov;27(12):4853-4860. Epub 2020 Sep 11. PMID: 32918178.

Herb JN, Wolff RT, McDaniel PM, Holmes GM, Royce TJ, Stitzenberg KB. Travel Time to Radiation Oncology Facilities in the United States and the Influence of Certificate of Need Policies. Int J Radiat Oncol Biol Phys. 2020 Sep 4:S0360-3016(20)34218-8. Epub ahead of print. PMID: 32891795.

Jiang H, Torphy RJ, Steiger K, Hongo H, Ritchie AJ, Kriegsmann M, Horst D, Umetsu SE, Joseph NM, McGregor K, Pishvaian MJ, Blais EM, Lu B, Li M, Hollingsworth M, Stashko C, Volmar K, Yeh JJ, Weaver VM, Wang ZJ, Tempero MA, Weichert W, Collisson EA. Pancreatic ductal adenocarcinoma progression is restrained by stromal matrix. J Clin Invest. 2020 Sep 1;130(9):4704-4709. PMID: 32749238; PMCID: PMC7456216.

Lilly AJ, Johnson M, Kuzmiak CM, Ollila DW, O'Connor SM, Hertel JD, Calhoun BC. MRI-guided core needle biopsy of the breast: Radiology-pathology correlation and impact on clinical management. Ann Diagn Pathol. 2020 Oct;48:151563. Epub 2020 Jul 3. PMID: 32738557.

Krell RW, **Spanheimer PM**. Primary Site Surgery and Survival Impact in Metastatic HER2-Amplified Breast Cancer: Responsible use of Cohort Data. Ann Surg Oncol. 2020 Oct;27(10):3570-3572. Epub 2020 Jul 22. PMID: 32699931.

N'Guessan KF, Davis HW, Chu Z, Vallabhapurapu SD, Lewis CS, Franco RS, Olowokure O, Ahmad SA, Yeh JJ, Bogdanov VY, Qi X. Enhanced Efficacy of Combination of Gemcitabine and Phosphatidylserine-Targeted Nanovesicles against Pancreatic Cancer. Mol Ther. 2020 Aug 5;28(8):1876-1886. Epub 2020 Jun 8. PMID: 32516572; PMCID: PMC7403342.

Portelli Tremont JN, Downs-Canner S, Maduekwe U. Delving deeper into disparity: The impact of health literacy on the surgical care of breast cancer patients. Am J Surg. 2020

Dates: August, September, October 2020 PUBLICATIONS | SURGICAL ONCOLOGY continued

Oct;220(4):806-810. Epub 2020 May 12. PMID: 32444064; PMCID: PMC7541468.

Louie RJ, Wang K, Royce TJ, Beaty BT, Esther RJ, Tepper JE, Kim HJ. Does Timing Matter? Surgical Outcomes in High-Grade Sarcomas after Neoadjuvant Radiation Therapy. J Surg Res. 2020 Oct;254:118-124. Epub 2020 May 16. PMID: 32428729.

Nayyar A, Strassle PD, Schlottmann F, Jadi J, Moses CG, Black JA, Gallagher KK, McGuire KP. Disparities in the Use of Sentinel Lymph Node Dissection for Early Stage Breast Cancer. J Surg Res. 2020 Oct;254:31-40. Epub 2020 May 11. PMID: 32408028.

Herb JN, Dunham LN, Mody G, Long JM, Stitzenberg KB. Lung Cancer Surgical Regionalization Disproportionately Worsens Travel Distance for Rural Patients. J Rural Health. 2020 Sep;36(4):496-505. Epub 2020 May 1. PMID: 32356939.

Alzumaili B, Xu B, **Spanheimer PM**, Tuttle RM, Sherman E, Katabi N, Dogan S, Ganly I, Untch BR, Ghossein RA. Grading of medullary thyroid carcinoma on the basis of tumor necrosis and

PUBLICATIONS | VASCULAR

Saini SK, Li L, Peek CB, Kosmac K, Polonsky TS, Tian L, Criqui MH, Ferrucci L, Guralnik JM, **Kibbe M**, Sufit RL, Leeuwenburgh C, McDermott MM. Associations of Poly (ADP-Ribose) Polymerase1 abundance in calf skeletal muscle with walking performance in peripheral artery disease. Exp Gerontol. 2020 Oct 15;140:111048. Epub 2020 Aug 2. PMID: 32755612.

Marulanda K, Tsihlis ND, McLean SE, Kibbe MR. Emerging antenatal therapies for congenital diaphragmatic hernia-induced pulmonary hypertension in preclinical models. Pediatr Res. 2020 Oct 10. Epub ahead of print. PMID: 33038872.

Kibbe MR, Kapadia MR. Underrepresentation of Women at Academic Medical Conferences-"Manels" Must Stop. JAMA Netw Open. 2020 Sep 1;3(9):e2018676. PMID: 32986104.

Marston WA. Importance of Early Saphenous Ablation to Maximize Ulcer-Free Days for Patients With Venous Ulcers. JAMA Surg. 2020 Sep 23. Epub ahead of print. PMID: 32965481.

Kibbe MR. Surgery and COVID-19. JAMA. 2020 Sep 22;324(12):1151-1152. PMID: 32960251.

Oderich GS, Farber MA, Schneider D, Makaroun M, Sanchez LA, Schanzer A, Beck AW, Starnes BW, Fillinger M, Tenorio ER, Chen M, Zhou Q; Zenith Fenestrated Study Investigators. Final 5-year results of the United States Zenith Fenestrated prospective multicenter study for juxtarenal abdominal aortic aneurysms. J Vasc Surg. 2020 Sep 3:S0741-5214(20)32014-0. Epub ahead of print. PMID: 32891806.

Aucoin VJ, Eagleton MJ, Farber MA, Oderich GS, Schanzer A, Timaran CH, Schneider DB, Sweet MP, Beck AW. Spinal Cord

high mitotic rate is an independent predictor of poor outcome. Mod Pathol. 2020 Sep;33(9):1690-1701. Epub 2020 Apr 20. PMID: 32313184; PMCID: PMC7483270.

Louie RJ, Ollila DW. ASO Author Reflections: More Isn't Always Best-Shaping the Dialogue to Decrease Overtreatment of the Axilla in the Elderly. Ann Surg Oncol. 2020 Sep;27(9):3434-3435. Epub 2020 Apr 8. PMID: 32270419.

Louie RJ, Gaber CE, Strassle PD, Gallagher KK, Downs-Canner SM, Ollila DW. Trends in Surgical Axillary Management in Early Stage Breast Cancer in Elderly Women: Continued Over-Treatment. Ann Surg Oncol. 2020 Sep;27(9):3426-3433. Epub 2020 Mar 25. PMID: 32215758; PMCID: PMC7415703.

PelvEx Collaborative (Stitzenberg KB). The impact of the COVID-19 pandemic on the Management of Locally Advanced Primary/Recurrent Rectal Cancer. Br J Surg. 2020 Aug 10:10.1002/bjs.11893. Epub ahead of print. PMID: 32779191; PMCID: PMC7436568.

Protection Practices Utilized During Endovascular Repair of Complex Aortic Aneurysms Among the United States Aortic Research Consortium. J Vasc Surg. 2020 Aug 31:S0741-5214(20)31909-1. Epub ahead of print. PMID: 32882346.

Pascarella L. USLME Step 1 Scoring System Change to Pass/ Fail-Perspective of a Clerkship Director. JAMA Surg. 2020 Sep 2. Epub ahead of print. PMID: 32876687.

Kibbe MR, Freischlag J. Call to Action to All Surgery Journal Editors form Diversity in the Editorial and Peer Review Process. JAMA Surg. 2020 Aug 31. Epub ahead of print. PMID: 32865554.

Torres G, Czernuszewicz TJ, Homeister JW, Farber MA, Caughey MC, Gallippi CM. Carotid Plaque Fibrous Cap Thickness Measurement by ARFI Variance of Acceleration: In Vivo Human Results. IEEE Trans Med Imaging. 2020 Aug 24;PP. Epub ahead of print. PMID: 32833633.

Hall MR, Kalbaugh CA, Tsujimoto THM, McGinigle KL. Regional Anaesthesia Alone is Reasonable for Major Lower Extremity Amputation in High Risk Patients and May Initiate a More Efficacious Enhanced Recovery Programme. Eur J Vasc Endovasc Surg. 2020 Aug 3:S1078-5884(20)30576-1. Epub ahead of print. PMID: 32763119.

Kibbe MR. Consequences of the COVID-19 Pandemic on Manuscript Submissions by Women. JAMA Surg. 2020 Sep 1;155(9):803-804. PMID: 32749449.

Mercel AI, Gillis DC, Sun K, Dandurand BR, Weiss JM, Tsihlis ND, Maile R, Kibbe MR. A comparative study of a preclinical survival model of smoke inhalation injury in mice and rats. Am

PUBLICATIONS | VASCULAR continued

J Physiol Lung Cell Mol Physiol. 2020 Sep 1;319(3):L471-L480. Epub 2020 Jul 22. PMID: 32697601; PMCID: PMC7518053.

Derickson M, McClellan JM, Mansukhani NA, **Kibbe MR**, Martin MJ. Variations in Courtesy Authorship Perceptions and Practices Among Modern Surgical Journals: The Generation Gap. J Surg Res. 2020 Oct;254:242-246. Epub 2020 May 29. PMID: 32480067.

Nayak P, Guralnik JM, Polonsky TS, **Kibbe MR**, Tian L, Zhao L, Criqui MH, Ferrucci L, Li L, Zhang D, McDermott MM. Association of six-minute walk distance with subsequent lower extremity events in peripheral artery disease. Vasc Med. 2020 Aug;25(4):319-327. Epub 2020 Apr 27. PMID: 32338582.

Zhang J, Brier C, **Parodi FE**, Kuramochi Y, Lyden SP, Eagleton MJ. Incidence and management of iliac artery aneurysms associated with endovascular treatment of juxtarenal and thoracoabdominal aortic aneurysms. J Vasc Surg. 2020 Oct;72(4):1360-1366. Epub 2020 Mar 12. PMID: 32173192.

Schanzer A, Beck AW, Eagleton M, Farber MA, Oderich G, Schneider D, Sweet MP, Crawford A, Timaran C; U.S. Multicenter Fenestrated/Branched Aortic Research Consortium. Results of fenestrated and branched endovascular aortic aneurysm repair after failed infrarenal endovascular aortic aneurysm repair. J Vasc Surg. 2020 Sep;72(3):849-858. Epub 2020 Mar 3. PMID: 32144014.

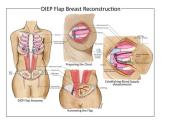
McGinigle KL, Kindell DG, Strassle PD, Crowner JR, Pascarella L, Farber MA, Marston WA, Arya S, Kalbaugh CA. Poor glycemic control is associated with significant increase in major limb amputation and adverse events in the 30-day postoperative period after infrainguinal bypass. J Vasc Surg. 2020 Sep;72(3):987-994. Epub 2020 Mar 2. PMID: 32139308.

Merlo A, Farber M, Ohana E, Pascarella L, Crowner J, Long J. Aberrant Right Subclavian Artery to Esophageal Fistula: A Rare Case and Its Management. Ann Thorac Surg. 2020 Aug;110(2):e85-e86. Epub 2020 Feb 5. PMID: 32035051.

Tenorio ER, Oderich GS, Farber MA, Schneider DB, Timaran CH, Schanzer A, Beck AW, Motta F, Sweet MP; U.S. Fenestrated and Branched Aortic Research Consortium Investigators. Outcomes of endovascular repair of chronic postdissection compared with degenerative thoracoabdominal aortic aneurysms using fenestrated-branched stent grafts. J Vasc Surg. 2020 Sep;72(3):822-836.e9. Epub 2019 Dec 25. PMID: 31882309.

PUBLICATIONS | MEDICAL ILLUSTRATIONS

Natalia Smith, Registered Nurse in the Plastic and Reconstructive Surgery Division worked on illustrations with faculty to be published in upcoming journals.



DIEP flap — Natalia worked on the illustration with Dr. Nishant Bhatt. It is used in clinic every week and it's been helpful for patients and families as well as residents.



Perineal reconstruction — Natalia and Dr. Adeyemi Ogunleye worked on the illustration together for an article to be published in the Journal Obstetrical and Gynecological Survey

NEW CLINICAL TRIALS

NCT04066699

Intraoperative, EMB-Guided, Percutaneous Localization of Peripheral Pulmonary Nodules: a Prospective, Open-Label, Multi-Center Registry Study of Thoracic Surgery Outcomes (PLOTS trial).

The objective is measure successful identification of tumor margins and localization-related safety events, measure localization time, characterize nodule characteristics, report type of resections, and characterize demographic data on subjects undergoing early stage lung cancer screening and resection.

Principal Investigator: Jason Long

RESEARCH

RESEARCH SUPPORT

PROPOSAL DEVELOPMENT

Grace Chen, BA, our Research Administrator provides support for all areas of proposal development including clinical trials and will be your main contact. She will help you with developing your budget, compiling the appropriate documentation for your proposal, routing your grant for submission and coordinating with the Office of Clinical Trials, the sponsor, and administration. Please notify Grace as early as possible, but at least 6 weeks before the due date, as external grants must be routed and submitted to the university 7-days before the due date!

To request grant submission assistance or clinical trial contract submission, please complete the <u>online service request form</u> found under *Research* on the UNC Surgery website. To request clinical trial contract submission, please complete the <u>online</u> <u>service request form</u>.

BIOSTATISTICS

The Department of Surgery is collaborating with the North Carolina Translational and Clinical Sciences Institute (NC TraCS) to provide biostatisticial consultations and support to our faculty members and residents. Biostatistics support can be requested through the NC TRaCS website. If you are using a database, creating a database or have questions as to whether you need a biostatistician, please continue to contact Charley Gaber through the <u>online service</u> request form found under *Research* on the UNC Surgery website.

DATABASE MANAGEMENT

We are sad to report that Dr. Paula Strassle's last day with us was on November 30, 2020. We are recruiting for her position, although we know her shoes will be hard to fill. Please check out the links below for additional information. This information can also be found on the Department of Surgery Research Resources webpage.

Creation of a consult request form <u>https://www.med.unc.edu/</u> <u>surgery/research/resident-research/available-databases/consult-</u> <u>request-form/</u>. This online request form will take the place of directly emailing anyone in the database manager group and will be for: feedback about project ideas, answer database questions, comment on article methods, etc.

Email correspondence will occur through the Database Manager

email and portal (<u>surgerydataman@med.unc.edu</u>; <u>https://www.med.unc.edu/surgery/research/resident-research/available-databases/database-manager-request-form/</u>. Proposal requests (including spin off/secondary projects) sent via email to an analyst will not be accepted.

All requests must be submitted at least 4-6 weeks before any deadlines. Projects which utilize administrative claims data (MarketScan, Medicare) will require substantially more notice, as they are much more labor intensive. For projects which require chart review or data abstraction from EMR, the data must be complete and ready for analysis at least 4 weeks before the deadline. If you have questions about how long your project may take, please submit a consult request.

The Database Manager team will provide assistance for data collection, database set-up, and chart reviews. They will help you organize and think about your data so that you will be able to analyze it when you are ready. Still have questions? Check out the FAQs. They are in charge of the NIS, NSQIP, and SEER databases and can also point you to other databases that may be of assistance. Please contact them BEFORE you start any project involving data. To request their assistance, please complete the online service request form found under *Research* on the UNC Surgery website.

EVIDENCE BASED PRACTICE AND RESEARCH

A clinical librarian and liaison from the Health Sciences Library provides support for evidence-based practice and research, including:

- Focused or comprehensive literature searching
- Critically appraising evidence
- Collaborating on systematic reviews
- Advice on presenting/publishing results
- Education on research tools and resources, including searching PubMed and other literature databases, SPIN for finding funding sources, Covidence for systematic reviews, and citation management software.

To request systematic review assistance, please complete the <u>online request form</u>. For any other requests, contact Rebecca at <u>rcarlson@unc.edu</u>.



ABSTRACT DEADLINES

2021 Trauma, Critical Care, & Acute Care Surgery Meeting Date: April 11-14, 2021 | Location: Las Vegas, NV Abstract Deadline: None More information <u>available here</u>

2021 Vascular Annual Meeting Meeting Date: June 2-5, 2021 | Location: San Diego, CA Abstract Deadline: January 13, 2021 More information <u>available here</u>

2021 American Society of Clinical Oncology (ASCO) Meeting Date: June 4-8, 2021 | Location: Pending Abstract Deadline: February 17, 2021 More information<u>available here</u>

2021 Academy Health's Annual Research Meeting (ARM) Meeting Date: June 12-15, 2021 | Location: TBD Abstract Deadline: pending announcement More information <u>available here</u>

2021 International Society for Burn Injuries Meeting Date: June 14-17, 2021 | Location: Birmingham, UK Abstract Deadline: Open in November More information <u>available here</u>

GRANT OPPORTUNITIES

FACULTY

NC TraCS Pilot Awards for Translational Research Application Deadline: September 22, 2020 and March 2021 the next deadlines for three NC TraCS Pilot award programs:

- <u>\$5-50K Translational Research Matched Pilot Grants</u>
 <u>FastTraCS Funding: Special emphasis on drugs, devices</u>
- and diagnostics development
 Translational Science Methods and Process Awards (TSMPA)

For more information about these pilot grant mechanisms please contact Paul Kerr or nctracs@unc.edu.

RESEARCH RESOURCES

<u>Carolina Data Warehouse for Health (CDW-H)</u> is a central data repository containing clinical, research, and administrative data sourced from the UNC Health Care System.

In response to the COVID-19 situation, they will be following the university's lead and adjusting their event scheduling as needed. They have suspended all on-site office hours until further notice. CDW staff are still available to answer research questions: just <u>request a consult</u> and they will be in touch. Please visit UNC-Chapel Hill's dedicated <u>coronavirus updates webpage</u> for Carolina's most recent announcements regarding COVID-19.

SPIN Plus is a comprehensive funding opportunities database that gives UNC researchers access to over 40,000 funding opportunities from more than 10,000 federal and non-federal sponsors. Additional information about SPIN is available here: https://research.unc.edu/research-development/finding-funding/ spin-plus-funding-database/ 2021 Americas HPB Association Annual Meeting Meeting Date: August 2- 5, 2021 | Location: Miami Beach, FL Abstract Deadline: Open in December More information <u>available here</u>

2021 Southeastern Surgical Congress (SESC) Meeting Date: August 21-24, 2021 | Location: Atlanta, GA Abstract Deadline: February 19, 2021 More information <u>available here</u>

2021 American Association for the Surgery of Trauma Annual Meeting Meeting Date: Sept 29 - Oct. 2, 2021 | Location: Atlanta, GA Abstract Deadline: pending announcement More information <u>available here</u>

2021 Annual Meeting of the American Pancreatic Association (APA) Meeting Date: November 3-6, 2021 | Location: Miami Beach, FL Abstract Deadline: Open in early spring 2021 More information <u>available here</u>

FACULTY & RESIDENTS

NC TraCS \$2K Grant Awards Application Deadlines: Pending 2021 Award Amount: \$2,000 More information available <u>here.</u>

RESEARCH TRAININGS AND EVENTS

Research Electronic Data Capture (REDCap) Training REDCap is a secure web application that can be used to build and manage case report forms, surveys and other data capture mechanisms for clinical research. NC TraCS offers training classes to assist researchers in getting started with building REDCap data collection forms for their research projects. For more information about REDCap or to sign-up for future trainings, please visit the https://tracs.unc.edu/index.php/services/biomedicalinformatics/redcap.

Introduction to EMERSE

EMERSE (Electronic Medical Record Search Engine) allows users to search free text (unstructured) clinical notes from the electronic health record. This training will cover what EMERSE is, how it works, and how to use it appropriately. For more information about EMERSE or to sign-up for future trainings, please visit the <u>https://tracs.unc.edu/index.php/services/</u> biomedical-informatics/emerse.

GRAND ROUNDS

Wednesdays 7:15 am - 8:15 am at the 4th floor Clinic Auditorium

12/9/2020

Faculty Meeting with Wesley Burks, Dean UNC School of Medicine and Cristy Page, MD, MPH Executive Dean, UNC School of Medicine; William B. Aycock Distinguished Professor of Family Medicine

12/16/2020

George F. Sheldon Distinguished Visiting Professor Jayme E. Locke, MD, MPH, FACS, FAST, Associate Professor of Surgery, Chief, Division of Transplantation, Mark H. Deierhoi, MD Endowed Professor, University of Alabama at Birmingham

12/23/2020

NO GRAND ROUNDS Winter Break

12/30/2020 NO GRAND ROUNDS Winter Break

1/6/2021

Career Corner Presentation: Writing a Manuscript **Melina Kibbe**, **MD**, *Colin G*. *Thomas Jr. Distinguished Professor and Chair Department of Surgery and Professor, Department of Biomedical Engineering*

1/13/2021

Chief Resident Presentations: Manuel Sanchez, UNC General Surgery, and Karishma Reddy, UNC Plastic Surgery

1/20/2021

Oliver R. Rowe Distinguished Visiting Professor Brian S. Zuckerbraun, MD, FACS, Chief, Division of General Surgery Professor of Surgery, University of Pittsburgh, PA

1/27/2021 Quality Quarterly Tom Ivester, Professor, Maternal-Fetal Medicine 2/3/2021

Professional Speaker

Jeff Polish, Producer and Host of the Monti and consultant and professional speaker on the topic of storytelling

2/10/2021

Academic Surgical Congress Research Presentations - Speakers TBA

2/17/2021

Ethel F. and James A. Valone Distinguished Visiting Professor Paul S. Cederna, MD, Chief, Section of Plastic Surgery, Professor, Department of Biomedical Engineering, Robert Oneal Collegiate Professor of Plastic Surgery, Department of Surgery, University of Michigan, Ann Arbor, Michigan

2/24/2021 Faculty Meeting (6:30-8:15am)

IN THE LOOP

EDUCATION

The PGY 4 and PGY 5 General Surgery residents had their first virtual Mock Orals on September 13, 2020. Thanks to all the faculty, examinees, and administrative staff (Crystal Boney and Melainie Bolick) who helped ensure a successful event. In addition, on October 16, 2020 the PGY 5 General Surgery residents participated in the Statewide Mock Orals hosted by Duke University. Our next UNC Mock Orals event is scheduled for March 16, 2021 at 5-6:30PM. Please plan to participate.

Dr. Roy Phitayakorn from Harvard was our virtual professor

for the annual Resident as Teacher workshop on 9/29/2020. His topic "Feedback on Feedback: How to Give Constructive Feedback" was well appreciated by learners across the department. In addition, he also gave a fascinating virtual Grand Rounds on "Emotional Intelligence and Teamwork in Surgery" on 9/30/20.



Roy Phitayakorn, MD

Other Career Development and Educational Grand Rounds this quarter included Dr. Jonathan Oberlander, who spoke on "Impact of the Elections on the ACA" on 9/9/20, and Dr. Annamarie Connolly who



Dr. Jonathan Oberlander

tackled "We Can Agree: Nobody Starts the Day Wanting to Do a Bad Job: Getting to Our Best Days Through Critical Thinking, Effective Feedback and Innovation" on 11/4/20.



- Annamarie Connolly, MD

Upcoming Career Corner speakers include Dr. Melina Kibbe ("Writing a Manuscript" -1/6/21) and Dr. John Ikonomidis ("Time Management" - 4/14/21).

Thank you for your dedication to the teaching mission at UNC.

Fault

Timothy Farrell, MD Vice Chair of Education



Kapadia, MD, MME Associate Vice Chair of Education

Muneera

COMMUNICATIONS



SOCIAL



Impressions

FACEBOOK

YOUTUBE

Engagements Service Medal by the Secretary of Defense

TOP 6 FACULTY PROFILE VIDEOS (August - October 2020)



Randal Zhou, MD (Treating Patients Like Family) Views: 227 Avg view duration: :30

DUNC Surgery HONG JIN "HJ" KIM, MD TED B. SEAGROVES, JR. DISTINGUISHED PROFESSOR OF SURGERY CHIEF, DIVISION OF SURGICAL ONCOLOGY AND ENDOCRINE SURGERY

Hong Jin "HJ" Kim, MD (We Take Very Good Care of Cancer Patients) Views: 115 Avg view duration: 2:23



Adeyemi Ogunleye, MD (No Higher Calling Than Treating Sick Patients) Views: 128 Avg view duration: 2:03



MUNC

OOL OF MEDICINE

Surgery

FELICIA N. WILLIAMS, MD ASSOCIATE CHIEF ASSISTANT PROFESSOR DIVISION OF BURN SURGERY



Chirag Desai, MD (Most Rewarding Part of What He Does) Views: 113 Avg view duration: 1:55



Hayes-Jordan featured in Chapel Hill Magazine



253 Watch Time .6k Day of Surgery Pediatric Video



UNC Surgery Department Video



Followers



Andrea Hayes-Jordan, MD (Saving Generations of Children) Views: 108 Avg view duration: 1:50



Hayes-Jordan featured in Chapel Hill Magazine



Felicia Williams, MD (Wants to Make People Feel Better) Views: 106 Avg view duration: 1:02



Published patient story, Cynthia Stingone



Department of Surgery Burnett-Womack Bldg CB7050 Chapel Hill, NC 27599

MAKE A GIFT

Philanthropy inspires innovation and paves the way for healthier futures for our patients. Gifts to the Department of Surgery advance surgical care in the operating room and the clinic, enable us to pursue bold ideas in the research arena, and provide a rigorous training experience for tomorrow's surgical leaders. For information about ways to support the UNC Department of Surgery or to make a gift, please contact Erin Kinney, Director of Development with the UNC Health Foundation, at (585) 622-7425, erin_kinney@med.unc.edu, or visit go.unc.edu/uncsurgery.

MISSION

The Department of Surgery's mission is to provide the highest quality patient care to all people through innovation, world-class research, and training the next generation of surgical health care professionals and scientists.

VISION

To be the nation's leading public academic Department of Surgery.











