

# UNC SURGERY



SUMMER 2019



# TABLE OF CONTENTS

MESSAGE FROM THE CHAIR Content	3
RESEARCH DAY Research	4
GRADUATION CELEBRATION Education	6
THE LIFE OF YUMAN FONG Spotlight	8
CAMP CELEBRATE Spotlight	9
INCOMING RESIDENTS & FELLOWS Education	10
HIGHLIGHTS & GRANTS News	12
NEW TEAM MEMBERS News	14
PUBLICATIONS Research	16
GRANT OPPORTUNITIES & RESOURCES Research	20
IN THE LOOP & SPECIAL VISITORS Education	22
GRAND ROUNDS, EVENTS & MEDIA Communications	24

## UNC DEPARTMENT OF SURGERY

### Chair

Melina Kibbe, MD

### Vice Chairs

David A. Gerber, MD  
Timothy M. Farrell, MD  
Jin Ra, MD  
Jen Jen Yeh, MD  
Hong Jin Kim, MD

*Clinical Affairs*  
*Education*  
*Quality and Safety*  
*Research*  
*Strategy & Outreach*

### Division Chiefs

David A. Gerber, MD  
David A. Gerber, MD  
John S. Ikonomidis, MD, PhD  
Jen Jen Yeh, MD (interim)  
Anthony G. Charles, MD, MPH  
Andrea Hayes-Jordan, MD  
Lynn A. Damitz, MD  
Hong Jin Kim, MD  
Mark Farber, MD

*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*

### Directors

Luigi Pascarella, MD  
David W. Ollila, MD

*Medical Student Clerkship*  
*Mentorship Program*

### Residency Program Directors

Benjamin E. Haithcock, MD  
Michael O. Meyers, MD  
Jeyhan S. Wood, MD

*Cardiothoracic Surgery*  
*General Surgery*  
*Plastic Surgery*

### Fellowship Program Directors

David A. Gerber, MD  
Timothy M. Farrell, MD

Felicia Williams, MD  
Jin Ra, MD  
David W. Ollila, MD  
Mark Farber, MD

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

### Associate Chair for Administration

Joellen Buckio, MHA

### Public Communications Specialists

Sheerah Coe

On the cover: Research Day faculty, residents and fellows.

Copyright © 2019 UNC Surgery. All Rights Reserved.



# MESSAGE FROM THE CHAIR

Please join me in extending a heartfelt welcome to our new trainees at UNC Surgery. This year our trainees herald from all over the United States and with international representation from Brazil and Ukraine. We were also fortunate to retain several of our own medical students during this last match. It is becoming apparent that we are growing in reputation, able to attract top talent to advance our [mission](#).

As we say hello to our new trainees, we also send the very best wishes to our graduates. Some of them have completed training and have already entered the world as a practicing surgeon. For the rest, the training journey is a bit longer. For all, we cherish their contributions and hope that they will continue to value their UNC education and carry a little bit of the Carolina blue wherever they go.

The Nathan A. Womack Surgical Society Research Day and Graduation Ceremony was held this year on June 7, and represented a culmination of our collective achievements. This [Research Day](#), our featured keynote speaker was [Dr. Yuman Fong](#), Chair of Surgery from the City of Hope captivated the residents and general public alike with his enthusiastic and highly informative presentation. We were also fortunate to have in attendance at the event some of our esteemed alumni and officers of the Womack Surgical Society, including Dr. Robert Mendes (elected as president), Dr. Noel McDevitt (elected as treasurer), Dr. Scott Hultman (elected as secretary), Dr. O.C. Mendes, Dr. Robert Croom, Dr. Osi Udekwa and Dr. Dale Oller. During the Womack meeting, Drs. Bailey Sanders and Meredith Kugar were nominated as senior and junior counselors, respectively, for the Society.

This year we hosted two noteworthy educational events that [Deb DaRosa, PhD](#), Professor Emerita of Surgery and Medical Education at the Northwestern University Feinberg School of Medicine, taught and facilitated with great enthusiasm. On July 12, we held our annual Resident as Teacher course and on July 13, we held a faculty retreat.

I am very pleased to welcome four new faculty members to the Department of Surgery. [Paula Strassle, PhD](#), Assistant Professor, is an epidemiologist who has joined the department to support the research mission. [Yemi Ogunleye, MD](#), Assistant Professor, has joined our Division of Plastic and Reconstructive Surgery will have a focus on microvascular surgery including gender affirmation, lymphedema, and reconstructive surgery

with an active interest in global surgery. [Philip Spanheimer, MD](#), Assistant Professor, has joined our Division of Surgical Oncology and will specialize clinically in providing breast surgery care, while at the same time investigating mechanisms underlying the genetic control of hormone resistant breast cancer in his research laboratory. [Ezequiel Parodi, MD](#), Associate Professor, has joined our Division of Vascular Surgery and will specialize in providing open and endovascular care to patients with vascular disease with an emphasis on complex aortic disease. We are delighted to have these excellent surgeons join our department.

Along those lines, we continue to promote and recognize faculty excellence. That said, I'm delighted to announce Andrea Hayes-Jordan, MD as our new Sanford Doxey, Jr. Distinguished Professor. Her Investiture Ceremony is scheduled to take place on Wednesday, September 25, 2019 at the Carolina Inn. Please join me in congratulating Dr. Hayes-Jordan in this significant achievement.

Additionally, on September 25, it will be my honor to give the annual State of the Department Address. This tradition is becoming increasingly important as a yearly benchmark and celebration of our collective success, a review that will help keep us on track toward our ultimate goal of becoming the nation's leading Department of Surgery.

In closing, we are excited to report that the second phase of the 4th floor renovation will be completed at the end of August! Shortly thereafter, work will begin on the third and final phase of the renovation that will result in a state-of-the art educational conference and meeting center that will serve as a one-stop hub for our entire department. Stay tuned for more updates.

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

76  
FACULTY



53  
RESEARCHERS



74  
STAFF



85  
TRAINEES



60  
APPs



\*86  
GRANT  
SUBMISSIONS



\*\$4,454,787  
TOTAL RESEARCH  
GRANT DOLLARS



\*\$1,285,772  
CLINICAL TRIAL  
DOLLARS



\*\$4,208,439  
FEDERAL  
GRANT DOLLARS



\*215  
PUBLICATIONS



\*Research + Publication data is for academic calendar year July 2018 - June 2019





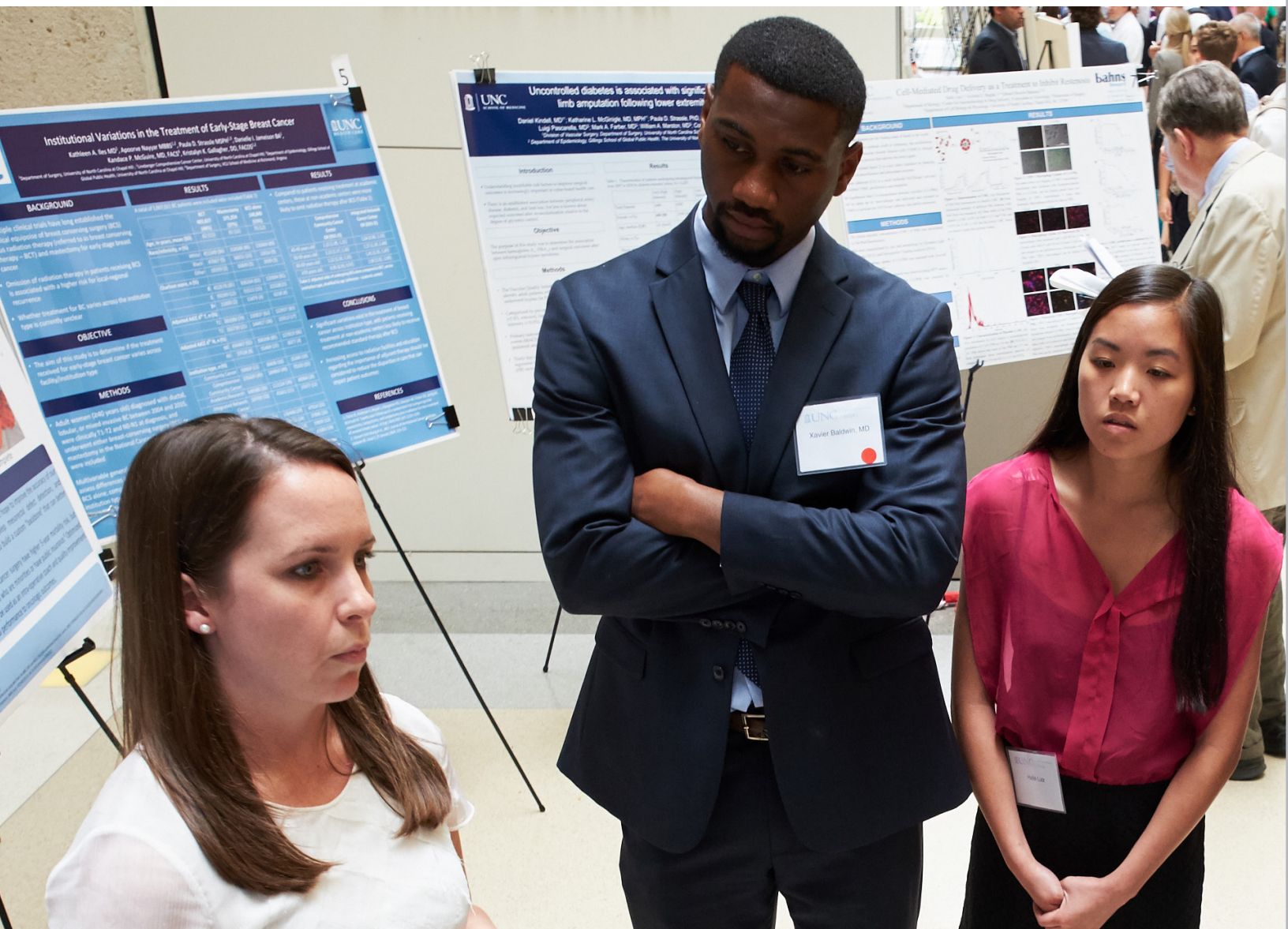
J Kim, MD, Chief of Surgical Oncology, judges poster presentations



Drs. Alexandra Mercel, Josh Herb, Stephanie Lumpkin, Ian Kratzke, Stephen Mahoney, Kathleen Marulanda, Emily Newton, Melina Kibbe, Yoman Fong, Mia Klein, Mary Kate Bryant, Laura Purcell & Malcolm Jefferson.



Andrea Hayes-Jordan, MD, & Resident at research day.



### Best Basic Science Poster Presentation

Mir Hasnain Ali, MD

*The Role of TLR4 in Early Inflammation due to Lung Transplant (LTX)*



### Best Medical Student Poster Presentation

Serena Lian, MS1

*Social Isolation as a Predictor of One-Year Outcomes in Elderly Hip Fracture Patients*



### Best Clinical Science Poster Presentation

Avital Yohann, MD

*Trends in Head Injury Associated Mortality in Sub-Saharan Africa: Moving Beyond Surgical Workforce*



## Nathan A. Womack Surgical Society Research Day

The Department of Surgery hosted its 4th Annual Nathan A. Womack Surgical Society Research Day on Friday, June 7, 2019. Over 70 faculty members, alumni, residents and medical students took part in the day. We received over 80 abstract submissions representing all disciplines and years from our department and across the entire School of Medicine. There were 54 poster presentations and eight oral presentations from across the nine divisions that showcased an array of clinical and basic science research.

The department welcomed Yuman Fong, MD, DSC (HON) Sangiacomo Chair in Surgical Oncology, Chair of the Department of Surgery at City of Hope Cancer Center as our Nathan A. Womack Distinguished Visiting Professor. To read more about Dr. Fong and his life [click here](#).

The day began with a resident career development session and lunch with Dr. Fong. He shared his advice and perspective with UNC Surgery residents touching on topics including how to choose your specialty and how to main a successful work/ life balance. "I tell residents to pick something you think you would enjoy doing the rest of your life. It's your life, it's not just a job." He also shared a quote by Leon Cooper, his college advisor and Noble Prize winner. "Focus on what is important. It takes just as much time to study something insignificant as something important."

After lunch, participants and judges viewed the poster presentations that were set up in the Main Street Lobby of the School of Dentistry. Oral presentations followed. Dr. Fong gave an enthusiastic and passionate Keynote Lecture entitled, "Technology Development in Surgery: From Robotic Surgery to Gene Surgery."

Dr. Fong discussed challenges facing surgeons and touched upon each point with humor and confidence. He spoke how advances in biology and medicine are moving at a very rapid pace and how surgical technology has become very complex thus creating tremendous scrutiny of surgeons professional practices and performance. He concluded his discussion with the realization that electronic communications have created the endless workday thus putting additional strain on the family unit which is already a very busy and fragile social unit.

"There is so much moving in medicine biology," explained Dr. Fong, "that if we learn about it and we engage in it, we are going to go along for the best ride ever. Surgical technology has gotten so good that we have the ability to do all kinds of stuff now better then we did before."

Before the Research Day came to a close, Dr. Kibbe presented Dr. Fong with gifts from the Department including his very own Old Well award and Dr. Yeh announced the winners of the presentations, which are featured on the previous page. For more pictures from the research day, check out the [UNC Department of Surgery Facebook page](#).

*Yuman Fong, MD, listens to Staci Aubry, MD, PGY 4 give her presentation as Xavier Baldwin, PGY 3, Halle Lutz, and Kevin Chen, MD PGY 2 look on.*





Jessica Edwards, NP, Drs. Melina Kibbe, Mark Farber, Michael Hall, wife Kait Hall, Jason Crowner, Luigi Pascarella, and Fernando Motta



Graduating General Surgery Residents Drs. Michael Williford, Rebecca Brown, Bailey Sanders, Chelsea Hutchinson, Joanna Grudziak & Thomas Scarritt



Drs. Jeyhan Wood, Paul Diegidio, and Mihaela Rapolti



George F. Sheldon, MD, FACS  
Surgical Research Award  
Mia Klein, MD



Herbert J. Proctor Award for  
Excellence in Surgical Research  
Joanna Grudziak, MD



Nathan A. Womack Scholar  
Award  
Michael Williford, MD



# Nathan A. Womack Surgical Society Graduation Celebration



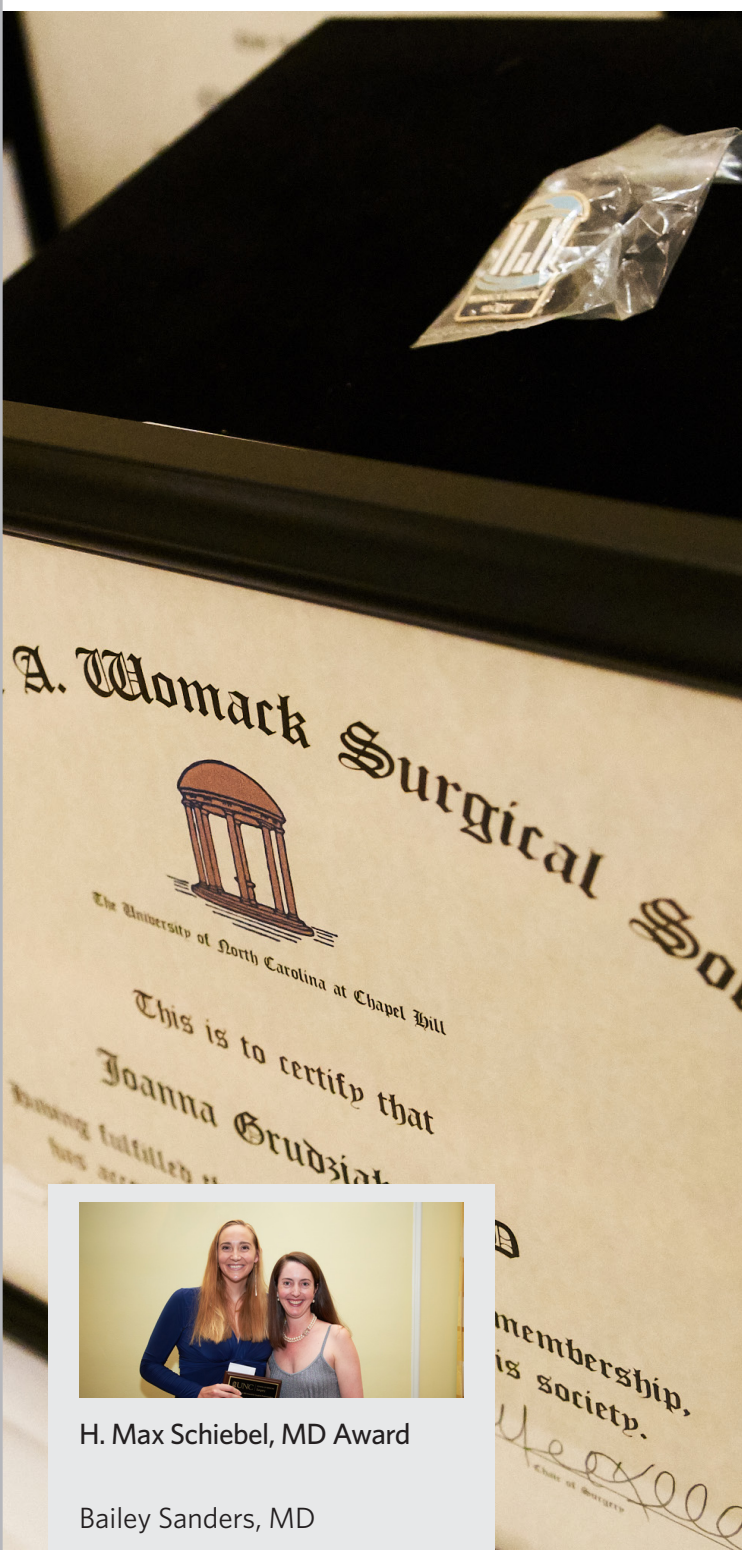
2019 Resident & Fellow Graduates & Faculty

Graduating Residents and Fellows, accompanied by their families, attended the Department of Surgeries Graduation Ceremony on June 7, 2019 at the Carolina Inn, Chapel Hill. This year's event included fellows from Critical Care, Advanced Minimally Invasive and Bariatric Surgery, Complex General Surgical Oncology, and Vascular Surgery as well as residents from General Surgery, and Plastic Surgery.

The event began with remarks from Dr. Kibbe and the presentation of four prestigious awards. Mia Klein, MD, won the George F. Sheldon, MD, FACS Surgical Research Award for her oral presentation given earlier in the afternoon at the Research Day event. Joanna Grudziak, MD, a graduating Chief Resident, won the Herbert J. Proctor Award for Excellence in Surgical Research. Bailey Sanders, MD, won the H. Max Schiebel, MD Award, given to a graduate who is considered technically the most proficient in skill with surgical procedures and Michael Williford, MD won the Nathan A. Womack Award, which is given to an outstanding graduating chief resident who showed excellence in teaching, investigation and patient care.

After the awards, residents, and fellows were called up for the traditional ceremony of "Pinning of the White Owl." This tradition harkens back to the era of Dr. Sheldon, who in 1990 as Chair of the Department, began the tradition of honoring graduating residents by pinning a white owl to their lapel. "The white owl tradition centered on having the strength of character to admit one's mistakes and the wisdom to learn from those mistakes," Christopher C. Baker, former Professor of Surgery, in his 1992 Whitehead Lecture.

The Department would like to congratulate all of the graduates. Your hard work and dedication have been inspiring to us all! We wish you all the best in the next phase of your journey. For more pictures check out the [UNC Department of Surgery Facebook page](#).



H. Max Schiebel, MD Award

Bailey Sanders, MD

Graduations Awards

# A Look into the Life of Yuman Fong, MD, DSC (HON)



**Yuman Fong, MD, DSC (HON)**

*Sangiaco Chair in Surgical Oncology, Chair of the Department of Surgery, City of Hope Cancer Center*

Stargazer, award winning sharpshooter, comic book creator, family man and surgeon-scientist; these are just a few ways to describe Yuman Fong, MD. Dr. Fong is a complex, passionate doctor, an internationally recognized scientist; a pioneer in both the operating room and in the laboratory. His career has focused on advancing medicine through modern technology - robotic surgery, as well as to what he refers to as gene surgery.

His illustrious career began with a BA in medieval literature from Brown University in 1981, and an MD from Cornell University Medical College in 1984. This was followed by surgical training at the New York Hospital/Cornell Medical Center, a research fellowship, and a surgical oncology fellowship at the Memorial Sloan-Kettering Cancer Center. For over twenty years, he was an attending surgeon at the Memorial Sloan-Kettering Cancer Center (MSKCC), where he held the Murray F. Brennan Chair in Surgery, and was a Professor of Surgery at Weill Cornell Medical College. In 2014 he relocated to Southern California, where he is a Professor and Chair of the Department of Surgery at the City of Hope Medical Center.

Dr. Fong is best known clinically for his extensive work in the field of liver and pancreatic surgery. His work helped establish resection of colorectal metastases as a safe, effective, and potentially curative option even at stage IV. He has assisted in the design and deployment of many novel surgical tools. His work in medical engineering has led to his election to the American Institute of

Medical and Biologic Engineering. Dr. Fong has also been active in biologic bench investigation. He was part of the group that discovered tumor necrosis factor and helped establish the field of innate immunity. His laboratory focus over the last 15 years has been in the field of gene therapy, designing and studying the use of genetically modified viruses for destroying cancerous cells. His group was the first to administer recombinant viruses into the human bloodstream as a cancer treatment. His leadership in this field on the national level has included serving as the Chair of the Recombinant DNA Advisory Committee (RAC) of the National Institutes of Health. He is currently Editor in Chief of Molecular Therapy Oncolytics (Cell Press).

"Surgical research first and foremost is about the patient and clinical practice," says Dr. Fong. "It's about basic science and translation, not just molecular biology. It's also physiology, immunology, nutrition, engineering, and making discoveries. Every five years, I take the three areas I work in, technical surgery, gene therapy, and device development and I ask the question, what's the latest? And then I go there. That's because if you don't, inertia will keep you in the last century, in the last decade, in the last thing that was important."

While Dr. Fong is passionate about the work he does and the research that he hopes will change the face of medicine, he is adamant that it must be balanced by his role as a husband and father. Dr. Fong and his wife celebrated their 40th wedding anniversary this past year. As his kids were growing up, he combined time with his family and hobbies that they could enjoy together. One such hobby was their passion for sports.

Right before their teenage years, his three daughters expressed an interest in being athletes in the Olympics. In order to help coach his children, Dr. Fong delayed his own career advancement. He coached his children in multiple sports until they found one in which they could excel using their natural talents. In the end, Dr. Fong coached two of his children all

the way to the 2008 Olympics in Beijing where they competed as sharpshooters. "When people ask me what is the best accomplishment in my life, it's my marriage. But then it's being able to coach my kids in the Olympics."

Dr. Fong loves life and that passion and exuberance is showcased through his adventures from attending comic-con each year in full costume to taking swing dance lessons with his wife before heading out on a midnight flight to his next work conference. "Every two years my wife and I have a quest, a new hobby, or a new sport," says Dr. Fong. "For example, one year we were on the hunt for the best sunset in the world. We found it in Santorini, Greece. Now we're into sand boarding. We buy used snowboards and travel with them to interesting places on earth like the Gobi desert or outside of Dubai. We climb to the highest dunes and jump down."

His latest activity involves super heroes. Working with an artist, Dr. Fong wrote and sketched out a comic book entitled "Multimodality, Heroes Vs Neoplasam." The story is of a surgical oncologist, and her friends chemotherapy and radiation, as they face off in a fight against Cancer. The comic is currently self published but will be available at the 2020 comic con.





# CAMP CELEBRATE 2019

WANDS

WIZARDS

CHESS

MAGIC SHOW

CAMPFIRE

LIVE OWLS

GAMES

The traditional firetruck parade marked the beginning of Camp Celebrate, a weekend camp for children ages 7 - 15 who have survived burn injuries. In its 38th year, Camp Celebrate is the country's oldest camp for pediatric burn survivors. At the 2019 camp, kids spent a weekend filled with swimming, shooting BB guns, canoeing, crafts, and meeting other kids who share the experience of having been burned. They were supervised by over 80 volunteers that included firefighters, former campers, counselors-in-training, program staff and logistics assistants.

On Friday, May 18th, outside of the Triangle Town Mall in the late morning parents arrived with their children for check-in. The kids smiled and laughed running around meeting old friends from years past, getting their faces painted, eating snow cones provided by Kona Ice, and getting caricatures drawn. Firetrucks were lined up row after row ready to ferry kids to their final destination, a weekend adventure at YMCA Camp Kanata in Wake Forest.

Harry Potter, the 2019 Camp Celebrate theme, threaded throughout the weekend. Friday night began with a magic show after dinner followed by a trip to Ollivander's wand

shop and ending with a campfire with smores at the waterfront. Saturday was non-stop fun starting with early morning yoga, followed by fishing, climbing wall, archery, and games of quidditch. The day continued on with the annual regatta build, where campers, counselors and volunteers sorted into teams and worked together to create a boat made from cardboard and duck tape that would potentially lead them to victory. Their final evening ended with a Harry Potter Party filled with good music, lots of wand waving and of course wizard capes, all captured on film in the photobooth.

On Sunday, they held their closing ceremony and ended the experience with their families, watching a slideshow and eating a BBQ lunch fit for kings. They came, they saw and they conquered. Check out all the photos from camp on the [Department of Surgery Facebook album](#).

To make the camp a reality year after year, organizers rely on the support of individuals as well as businesses and civic organizations in the surrounding community. If you would like to give or volunteer, please contact Anita Fields, Program Manager for Aftercare Programs at [anita\\_fields@med.unc.edu](mailto:anita_fields@med.unc.edu).



# INCOMING RESIDENTS 2019-2020 ACADEMIC YEAR



Mir Ali, MD  
Zaporozhye State Medical University  
General Surgery Residency  
PGY1 Preliminary



Christina Kapsalis, MD  
University of Louisville  
Plastic & Reconstructive Surgery



Ukraine



Brazil



Fernando Motta, MD  
Universidade Estadual de  
Londrina (UEL) Faculdade de  
Medicina  
Vascular Surgery Residency



Hannah Trembath, MD  
University of Iowa  
General Surgery Residency



Taylor Carter, MD  
Univ. of Missouri-Kansas City  
General Surgery Residency



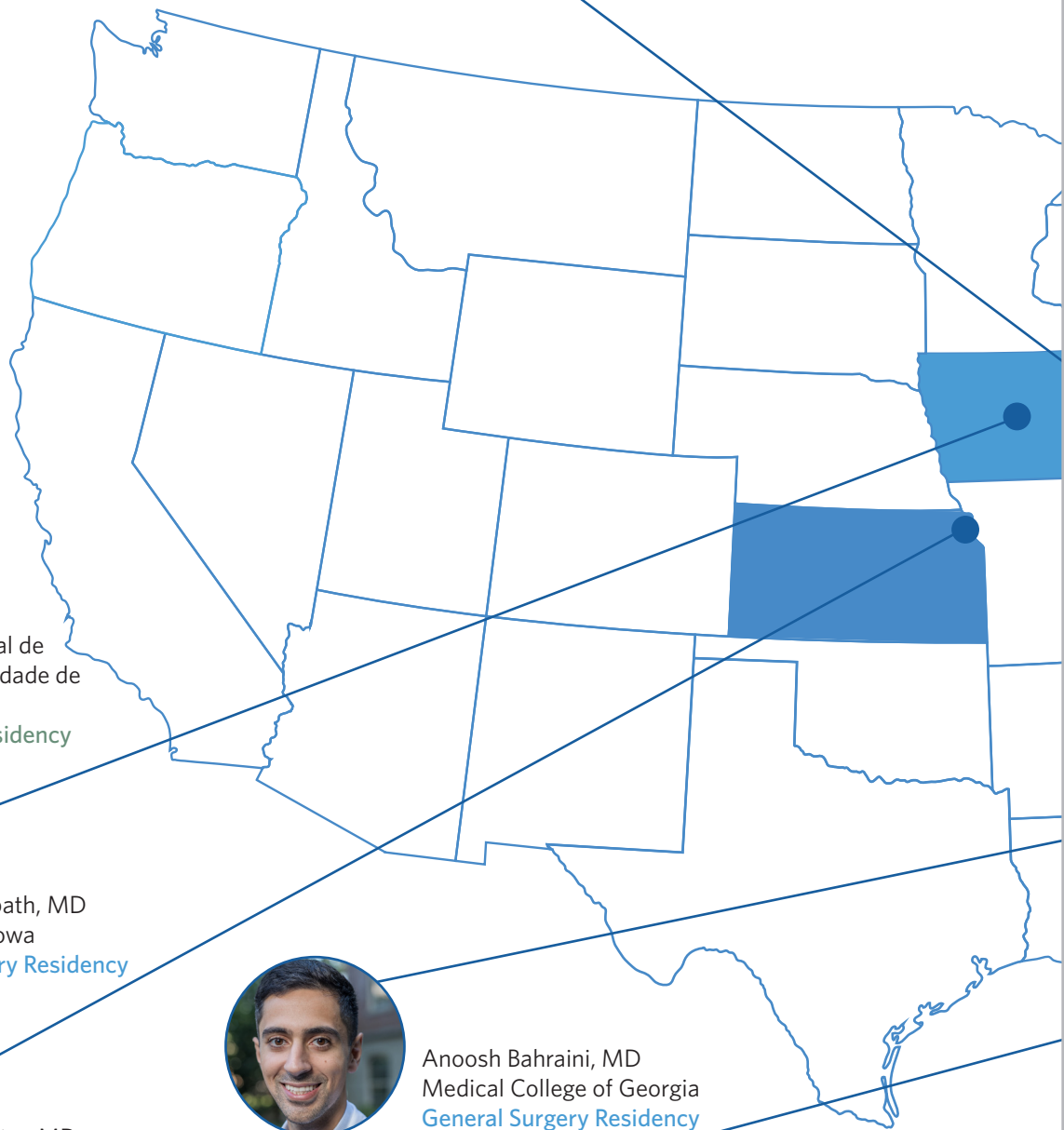
Anoosh Bahraini, MD  
Medical College of Georgia  
General Surgery Residency



Shabaaz Sandhu, MD  
University of South Florida  
Plastic & Reconstructive Surgery



Patrick Valente, MD  
Florida International University  
General Surgery Residency  
PGY1 Preliminary







Megan Lombardi, MD  
Geisinger Commonwealth  
School of Medicine  
General Surgery Residency



Bryan Harris, MD  
Lewis Katz SOM/Temple Univ.  
General Surgery Residency  
PGY1 Preliminary



Audrey Khoury, MD  
UNC Chapel Hill  
Cardiothoracic Residency



Barrett Honeycutt, MD  
UNC Chapel Hill  
General Surgery Residency  
PGY1 Preliminary



Ursula Adams, MD  
UNC Chapel Hill  
General Surgery Residency



Jingjing "Selena" An, MD  
Duke University  
General Surgery Residency



Colby Ruiz, MD  
UNC Chapel Hill  
Vascular Surgery Residency



Sarah Weiner, MD  
Univ. of South Carolina  
General Surgery Residency



Lawrence "Jack" Wood, MD  
Medical College of South Carolina  
General Surgery Residency  
PGY1 Preliminary



Jake Bowers, MD  
Medical College of South Carolina  
General Surgery Residency  
PGY1 Preliminary

## HIGHLIGHTS, HONORS FACULTY



**David Gerber, MD**

*Professor and Chief, Division of Abdominal Transplant, named the Chief of the Burn Surgery Division*



**Melina Kibbe, MD**

*Professor and Chair, Division of Vascular Surgery, receives the 2019 University of Chicago Distinguished Service Award. JAMA Surgery is recognized as the #1 surgery journal in the world, Dr. Kibbe is As Editor-in-Chief.*

**Katharine McGinagle, MD**

*Assist Professor of Surgery, Division of Vascular Surgery, was elected as the chair of the joint writing group between SVS and ERAS Society for Vascular ERA guidelines. She was also elected to the Board of Directors for the ERAS USA Society, the SVS Document Oversight Committee & the SVS Opioid Stewardship work group*



**Luigi Pascarella, MD**

*Associate Professor of Surgery, Division of Vascular Surgery, along with Drs. Barnhouse and Klipstein won The Whitehead Medical Society of the University of North Carolina School of Medicine award for Best Application Phase Course Award*



## HONORS & AWARDS RESIDENTS AND RESEARCHERS

**Laura Purcell, MD**

*Postdoctoral Research Fellow, was offered a position in the 2019-2020 class of the UJMT Fogarty Global Health Fellowship Program based in Malawi.*



**Erica Peters, PhD**

*Postdoctoral Research Fellow, was selected to receive a Burroughs Welcome Fund 2019 Collaborative Research Travel Grant.*



**Mia Klein, MD**

*Postdoctoral Research Fellow, General Surgery Resident, Kibbe Lab, won first place for the NC chapter of the ACS as well as best trauma presentation overall*



**Brittany Williams, MD**

*Postdoctoral Research Fellow, General Surgery Resident, won the Kaiser Permanente Excellence in Teaching Award for Residents and Interns, as nominated by members of the UNC School of Medicine Class of 2020*





# GRANTS & AWARDS FACULTY

HONORS

**Bruce Cairns, MD**

*Professor of Surgery, Division of Burn Surgery, received an NIH T32 award from the National Institute of General Medical Sciences for the project entitled, "Trauma Research Fellowship", in the amount of \$925,399, with Dr. Charles. He was also Co-I with Dr. Maile on a Tier 2 Grant.*



**Anthony Charles, MD, MPH**

*Chief, Professor of Surgery, Division of General & Acute Care Surgery, received an NIH T32 award from the National Institute of General Medical Sciences for the project entitled, "Trauma Research Fellowship", in the amount of \$925,399, with Dr. Cairns*



**John Ikonmidis, MD, PhD**

*Chief, Professor of Surgery, Division of Cardiothoracic Surgery, received a NIH R21 award from the National Heart, Lung, and Blood Institute for the project entitled, "Exploration of key proteases and validation of biomarkers in genetically triggered thoracic aortic aneurysms" in the amount of \$233,250.*



**Melina Kibbe, MD**

*Professor and Chair, Division of Vascular Surgery, received a VA Merit Award for her project entitled, "Novel in situ custom biodegradable drug-eluting stents for endovascular surgery" in the amount of \$706,453 from 10/2/19 - 9/30/23.*



**Robert Maile, PhD**

*Associate Professor of Surgery, Division of Burn Surgery, received an Eshelman Institute for Innovation Discovery Tier 2 Grant as a Co-I with Dr. Cairns for their project entitled, "Nitric Oxide-releasing hyaluronic acid for wound healing stimulation" in the amount of \$200,000.*



**Sharon Shiro, PhD**

*Professor, Division of General & Acute Care Surgery, received a North Carolina Department of Health award for her project entitled, "NC Trauma Data Analyst" in the amount of, \$99,500 (7/1/2019-6/30/2020)*



UNC

SCHOOL OF MEDICINE  
Surgery





## NEW FACULTY



**Paula Strassle, PhD**  
*Assistant Professor*  
UNC Surgery  
Started 7/1/19

Paula Strassle, Ph.D. received a BS in Psychology from the University of Maryland, Baltimore County in May 2010 and later a MS in Public Health in Epidemiology from Emory University in May 2014. She recently earned her Ph.D. in Epidemiology from UNC in June 2019. Dr. Strassle has already been working closely with UNC Surgery through her work as an Epidemiologist and Data Manager, where she has collaborated with surgeons on dozens of research studies on topics including clinical epidemiology, patient outcomes, access to care, and trends in surgical practices. [Read more...](#)



**Adeyemi Ogunleye, MD**  
*Assistant Professor*  
Plastic & Reconstructive Surgery  
Started 8/1/19

Adeyemi Ogunleye, MD, received his medical degree at the University of Ibadan in Nigeria in 2006. In 2009, he completed his MS in Epidemiology from Harvard University. Thereafter, he completed his general surgery residency at Columbia University in 2015, a plastic surgery residency at MUSC in 2018, and most recently a fellowship in microvascular surgery and complex oncologic reconstruction at Standard. He will focus on microvascular surgery including gender affirmation, lymphedema and reconstructive surgery with an interest in global surgery. [Read more...](#)



**Phillip Spanheimer, MD**  
*Assistant Professor*  
Surgical Oncology  
Started 8/15/19

Phillip Spanheimer, MD, received a BS from Duke University in 2005 and completed his medical school training at the University of Iowa in 2009. He completed his General Surgery residency training and a Surgical Oncology Research Fellowship both from University of Iowa Hospitals and Clinics. Most recently he completed a Complex General Surgical Oncology Fellowship at Memorial Sloan-Kettering Cancer Center. He will specialize clinically in providing breast surgery care, while at the same time focusing hormone resistant breast cancer in his research. [Read more...](#)



**Federico Parodi, MD**  
*Associate Professor,*  
Vascular Surgery  
Started 8/19/19

Federico Parodi, MD, began his career with a medical degree from the University of Buenos Aires in 2003. This was followed by a Research Fellowship in the Department of Vascular Surgery at Washington University, General Surgery Internship at the University of Miami, a Vascular Surgery Residency at the University of South Florida and an Aortic Fellowship from the Cleveland Clinic Foundation. He will specialize in providing open and endovascular care to patients with vascular disease with an emphasis on complex aortic disease. [Read more...](#)

## NEW HEALTHCARE STAFF



**Katherine Hepper, NP**  
*Physicians Assistant*  
Surgical Oncology

Katie Hepper attended Ursuline College and completed her MSN Dec. 2018. Katie is an AANP board certified Adult - Geriatric Nurse Practitioner. She has been a Registered Nurse for many years with varied experience including, pediatric surgical trauma, labor and delivery, infectious diseases research, and most recently 7 + years in outpatient surgical oncology. She relocated to North Carolina from North East Ohio where she lived most of her life. She is married with two late teenage children. Free time is spent with family and traveling.



**Stephanie English, PA**  
*Physicians Assistant*  
General & Acute Care, Hillsborough

Stephanie graduated from Catawba College with a BA in 2003 and completed her MHS in Physician Assistant Studies from Duke University in 2015. Most recently she has been working as a Physician Assistant at Primary Care at Pomona where she has been providing comprehensive care to families. Before becoming a Physicians Assistant, Stephanie worked as a Mental Health Technician at Holly Hill Hospital. She also volunteers in her community with organizations such as Adopt-a-Family and Greensboro Urban Ministries.



## NEW HEALTHCARE STAFF - CONTINUED



**Nicholas Wiley, MHS**  
*Physicians Assistant*  
Burn Surgery

Nicholas graduated from George Washington University with a BS in 2015 and completed his MHS in Physician Assistant Studies at UNC in Chapel Hill in 2018. Before

completing his education, Nicholas served in the United States Navy from 2006 until 2015 when he was honorably discharged. While in the Navy, he served as an instructor for the special operations combat medic course and was a special operations independent duty corpsman. Nicholas was deployed twice during his active duty to the Mediterranean and to Afghanistan.



**Alyse Moses-Lebron, MHS**  
*Physicians Assistant*  
General and Acute Care

Alyse received her BS from Southern Illinois University in 2007 and her MHS from UNC in 2017. Prior to joining the General and Acute Care surgery team, she worked in

Interventional Radiology in Wilmington, NC specializing in ultrasound guided procedures, PICC line placements, and biopsies. In 2017 Alyse received numerous honors and awards including the UNC PA Program Making a Difference Award and UNC Hospitals Auxiliary Volunteer Association's Allied Health Fellowship. She was featured in UNC Health Care news when she volunteered with Louisiana flooding victims.

## NEW STAFF



**Anne Skilton, MSLS, CRA**  
*Research Coordinator*  
Surgery Administration

Anne, who goes by Annie, graduated from UNC at Wilmington with a MA in history in 2002 and continued on at UNC in Chapel Hill for her Master of Library Science in 2005. Before

joining UNC Surgery, Anne was a Senior Proposal Analyst for the RHO Federal Systems Division Inc. She has also served as an Assistant Director of the Office of Research Support at Duke University as well as the Contracts and Grants Specialist for the Office of Sponsored Research at UNC at Chapel Hill. Anne has worked within the UNC system in the Eshelman School of Pharmacy as well as the School of Nursing.



**Suzanne Record, MAT**  
*Human Resources Coordinator*  
Surgery Administration

Suzanne graduated from East Carolina University with a bachelor's degree in Business in 2004 and a master's degree in Teaching in 2007. Suzanne has been with UNC since

2013 and has served in a variety of roles in the Department of Pediatrics. As an Administrative Officer, Suzanne gained valuable knowledge about the UNC system and HR policies. Prior to joining UNC, Suzanne worked at the University of Kentucky in the Department of Cardiology and the Medical University of South Carolina in Anesthesiology and Pediatrics. She lives in Raleigh with her husband and two children.



**Heather Moffitt**  
*Administrative Specialist*  
Surgical Oncology

Heather will be sharing the workload for the Surgical Oncology division as both administrative support and backup OR scheduler. She has been with UNC Healthcare for 3 years with experience in Administration

and Financial Counseling. Heather resides in Chatham County with her husband, 3 kids and 2 Labradors. She is currently in the pursuit of her BA degree in English and Creative Writing and is enthusiastically anticipating graduation in March 2020. Currently she can be found revising her first novel and working on her second.

## HIGHLIGHT STAFF



**Daniel Blandon-Hendrix, NP**  
*APP Manager*  
UNC Surgery

Daniel recently completed a 3 month leadership certificate program through Cornell University - Leadership Essentials.

## PUBLICATIONS | ABDOMINAL TRANSPLANT

**Desai CS**, Vonderau JS, Ma X, Hanson M, Xu X, Khan A. The First Report of Total Pancreatectomy and Islet Cell Autotransplantation for Pancreatic Cystosis in Patient With Cystic Fibrosis. *Pancreas*. 2019 Jul;48(6):e54-e55. PubMed PMID: 31206471.

Lieber SR, Lee RA, Jiang Y, Reuter C, Watkins R, Szempruch K, **Gerber DA**, **Desai CS**, DeCherney GS, Barritt AS 4th. The

impact of post-transplant diabetes mellitus on liver transplant outcomes. *Clin Transplant*. 2019 Jun;33(6):e13554. Epub 2019 Apr 23. PubMed PMID: 30927288.

**Serrano Rodriguez P**, **Strassle PD**, Barritt AS 4th, Watkins R, **Gerber DA**, Hayashi PH, **Desai CS**. Marijuana Consumption in Liver Transplant Recipients. *Liver Transpl*. 2019 May;25(5):734-740. Epub 2019 Mar 28. PubMed PMID: 30693668.

## PUBLICATIONS | CARDIOTHORACIC

Kim-Campbell N, Gretchen C, Ritov VB, Kochanek PM, Balasubramani GK, Kenny E, **Sharma M**, Viegas M, Callaway C, Kagan VE, Bayir H. Bioactive Oxylipins in Infants and Children With Congenital Heart Disease Undergoing Pediatric Cardiopulmonary Bypass. *Pediatr Crit Care Med*. 2019 Jul 11. [Epub ahead of print] PubMed PMID: 31305328.

Coyan GN, Zinn MD, West SC, **Sharma MS**. Heart Transplantation from Biventricular Support in Infant with Novel SMYD1 Mutation. *Pediatr Cardiol*. 2019 Jul 5. [Epub ahead of print] PubMed PMID: 31278431.

Palmer D, Aspenleiter M, da Silva J, Castro-Medina M, Morell V, **Sharma M**, Viegas M. A High-Fidelity Surgical Model and Perfusion Simulator Used to Demonstrate ECMO Cannulation, Initiation, and Stabilization. *J Extra Corpor Technol*. 2019 Jun;51(2):94-99. PubMed PMID: 31239583; PubMed Central PMCID: PMC6586262.

**Egan TM**, Requard JJ 3rd. Overcoming challenges of lung recovery from uDCDDs - Felicidades! *Am J Transplant*. 2019 Aug;19(8):2391-2392 Epub 2019 Jul 9. PubMed PMID: 31220408.

**Ikonomidis JS**, Menasche P, Kreisel D, Sellke FW, Woo YJ, Colson YL. Transatlantic Editorial: Attrition of the Cardiothoracic

Surgeon-Scientist: Definition of the Problem and Remedial Strategies. *Ann Thorac Surg*. 2019 Aug;108(2):315-318. Epub 2019 May 6. PubMed PMID: 31208650.

**Modry GN**. Commentary: Readmissions after complex general thoracic surgery: Can we catch them before they fall? *J Thorac Cardiovasc Surg*. 2019 May 16. pii: S0022-5223(19)31002-5. [Epub ahead of print] PubMed PMID: 31202445.

**Egan TM**, Requard JJ. Restructuring or replacing? The untold story of the 2018 OPTN contract renewal. *Am J Transplant*. 2019 May;19(5):1592. Epub 2019 Apr 3. PubMed PMID: 30859676.

Jackson GR, Brand T, Katz JN, **Ikonomidis JS**. Left ventricular assist device failure due to outflow graft compression by thrombofibrin exudate. *J Thorac Cardiovasc Surg*. 2019 May;157(5):e259-e261. Epub 2018 Oct 26. PubMed PMID: 30503742; PubMed Central PMCID: PMC6486468.

**Sharma MC**. Annexin A2 (ANX A2): An emerging biomarker and potential therapeutic target for aggressive cancers. *Int J Cancer*. 2019 May 1;144(9):2074-2081 Epub 2018 Oct 31. Review. PubMed PMID: 30125343.





## PUBLICATIONS | GASTROINTESTINAL

Ghaderi I, **Farrell TM**. Toward effective feedback: From concept to practice. *Surgery*. 2019 Jul 25. pii: S0039-6060(19)30360-5. [Epub ahead of print] PubMed PMID: 31353077.

Ferrari L, **Fichera A**. Lateral Lymph Nodes as the Achilles Heel of Low Rectal Cancer Surgery After Neoadjuvant Chemoradiation Therapy: Are We Close to Solving the Riddle? *JAMA Surg*. 2019 Jul 3:e192220. [Epub ahead of print] PubMed PMID: 31268516.

**Di Corpo M, Schlottmann F, Strassle PD**, Nurczyk K, **Patti MG**. Treatment Modalities for Esophageal Adenocarcinoma in the United States: Trends and Survival Outcomes. *J Laparoendosc Adv Surg Tech A*. 2019 Jun 26. [Epub ahead of print] PubMed PMID: 31246532.

**Schlottmann F, Patti MG**. Prevention of postoperative pulmonary complications after esophageal cancer surgery. *J Thorac Dis*. 2019 May;11(Suppl 9):S1143-S1144. PubMed PMID: 31245066; PubMed Central PMCID: PMC6560589.

**Mahoney ST, Strassle PD, Farrell TM**, Duke MC. Does Lower Level of Education and Health Literacy Affect Successful Outcomes in Bariatric Surgery? *J Laparoendosc Adv Surg Tech A*. 2019 May 20. [Epub ahead of print] PubMed PMID: 31107145.

Pizarro TT, Stappenbeck TS, Rieder F, Rosen MJ, Colombel JF, Donowitz M, Towne J, Mazmanian SK, Faith JJ, Hodin RA, Garrett WS, **Fichera A**, Poritz LS, Cortes CJ, Shtraizent N, Honig G, Snapper SB, Hurtado-Lorenzo A, Salzman NH, Chang EB. Challenges in IBD Research: Preclinical Human IBD Mechanisms. *Inflamm Bowel Dis*. 2019 May 16;25(Supplement\_2):S5-S12. PubMed PMID: 31095706.

**Schlottmann F**, Gaber C, **Strassle PD**, Herbella FAM, Molena D, **Patti MG**. Disparities in esophageal cancer: less treatment, less surgical resection, and poorer survival in disadvantaged patients. *Dis Esophagus*. 2019 May 10. pii: doz045. [Epub ahead of print] PubMed PMID: 31076759.

Westcott CJ, O'Connor S, Preiss JE, **Patti MG, Farrell TM**. Myotomy-First Approach to Epiphrenic Esophageal Diverticula. *J Laparoendosc Adv Surg Tech A*. 2019 Jun;29(6):726-729. Epub 2019 Apr 29. PubMed PMID: 31034339.

Chung AY, **Strassle PD, Schlottmann F, Patti MG**, Duke MC, **Farrell TM**. Trends in Utilization and Relative Complication Rates of Bariatric Procedures. *J Gastrointest Surg*. 2019 Jul;23(7):1362-1372. Epub 2019 Apr 22. PubMed PMID: 31012048.

**Di Corpo M, Farrell TM, Patti MG**. Laparoscopic Heller Myotomy: A Fundoplication Is Necessary to Control Gastroesophageal Reflux. *J Laparoendosc Adv Surg Tech A*. 2019 Jun;29(6):721-725. Epub 2019 Apr 19. PubMed PMID: 31009312.

Cairns AL, **Schlottmann F, Strassle PD, Di Corpo M, Patti MG**. Racial and Socioeconomic Disparities in the Surgical Management and Outcomes of Patients with Colorectal Carcinoma. *World J Surg*. 2019 May;43(5):1342-1350. PubMed PMID: 30610271.

## PUBLICATIONS | GENERAL & ACUTE CARE

**Gallaher J, Jefferson M**, Varela C, **Maine R, Cairns B, Charles A**. The Malawi trauma score: A model for predicting trauma-associated mortality in a resource-poor setting. *Injury*. 2019 Jul 9. pii: S0020-1383(19)30403-6. [Epub ahead of print] PubMed PMID: 31301812.

**Maine RG**, Kajombo C, **Purcell L, Gallaher JR, Reid TD, Charles AG**. Effect of in-hospital delays on surgical mortality for emergency general surgery conditions at a tertiary hospital in

Malawi. *BJS Open*. 2019 Mar 4;3(3):367-375. eCollection 2019 Jun. PubMed PMID: 31183453; PubMed Central PMCID: PMC6551403.

**Reid T, Grudziak J**, Rodriguez-Ormaza N, **Maine RG**, Msiska N, Quinsey C, **Charles A**. Complications and 3-month outcomes of children with hydrocephalus treated with ventriculoperitoneal shunts in Malawi. *J Neurosurg Pediatr*. 2019 May 10:1-8. [Epub ahead of print] PubMed PMID: 31075763.

## PUBLICATIONS | BURN

Kartchner LB, Gode CJ, Dunn JLM, Glenn LI, Duncan DN, Wolfgang MC, **Cairns BA, Maile R**. One-hit wonder: Late after burn injury, granulocytes can clear one bacterial infection but cannot control a subsequent infection. *Burns*. 2019 May;45(3):627-640. Epub 2019 Mar 2. PubMed PMID: 30833100; PubMed Central PMCID: PMC6482098.

## PUBLICATIONS | PEDIATRIC

Gaidry AD, Tremblay L, **Nakayama D**, Ignacio RC Jr. The History of Surgical Staplers: A Combination of Hungarian, Russian, and American Innovation. *Am Surg*. 2019 Jun 1;85(6):563-566. Review. PubMed PMID: 31267894.

Owusu-Agyemang P, Cata JP, Kapoor R, Van Meter A, Zavala AM, Williams UU, Tsai JY, Feng L, **Hayes-Jordan A**. A retrospective evaluation of the impact of patient ethnicity on the use of epidural analgesia or blood transfusions in children undergoing major oncologic surgery. *Perioper Med (Lond)*. 2019 Jun 20;8:6. eCollection 2019. PubMed PMID: 31249681; PubMed Central PMCID: PMC6585107.

Yohe ME, Heske CM, Stewart E, Adamson PC, Ahmed N, Antonescu CR, Chen E, Collins N, Ehrlich A, Galindo RL, Gryder BE, Hahn H, Hammond S, Hatley ME, Hawkins DS, Hayes MN, **Hayes-Jordan A**, Helman LJ, Hettmer S, Ignatius MS, Keller C, Khan J, Kirsch DG, Linardic CM, Lupo PJ, Rota R, Shern JF, Shipley J, Sindiri S, Tapscott SJ, Vakoc CR, Wexler LH, Langenau DM. Insights into pediatric rhabdomyosarcoma research: Challenges and goals. *Pediatr Blood Cancer*. 2019 Jun 21:e27869. [Epub ahead of print] Review. PubMed PMID: 31222885.

Warner S, **Nakayama D**. Two-Year-Old with Carotid Artery Dissection. *Am Surg*. 2019 May 1;85(5):e247-e248. PubMed PMID: 31126378.

**Nakayama DK**. The Welsh Clan That Transformed Orthopedic Surgery. *Am Surg*. 2019 May 1;85(5):441-448. PubMed PMID: 31126353.

Sandler G, Yokoi A, **Hayes-Jordan A**. An update in the management of pediatric sarcoma. *Curr Opin Pediatr*. 2019 Jun;31(3):368-377. PubMed PMID: 31090579.

Pariury H, Golden C, Huh WW, Cham E, Chung T, **Hayes-Jordan A**. Pediatric ovarian angiosarcoma treated with systemic chemotherapy and cytoreductive surgery with heated intraperitoneal chemotherapy: Case report and review of therapy. *Pediatr Blood Cancer*. 2019 Jul;66(7):e27753. Epub 2019 Apr 11. PubMed PMID: 30977252.

Spunt SL, Francotte N, De Salvo GL, Chi YY, Zanetti I, **Hayes-Jordan A**, Kao SC, Orbach D, Brennan B, Weiss AR, van Noesel MM, Million L, Alaggio R, Parham DM, Kelsey A, Randall RL, McCarville MB, Bisogno G, Hawkins DS, Ferrari A. Clinical features and outcomes of young patients with epithelioid sarcoma: an analysis from the Children's Oncology Group and the European paediatric soft tissue Sarcoma Study Group prospective clinical trials. *Eur J Cancer*. 2019 May;112:98-106. Epub 2019 Apr 5. PubMed PMID: 30954717.

McCarville MB, Kao SC, Dao TV, Gaffney C, Coffin CM, Parham DM, **Hayes-Jordan A**, Spunt SL. Magnetic resonance and computed tomography imaging features of epithelioid sarcoma in children and young adults with pathological and clinical correlation: a report from Children's Oncology Group study ARST0332. *Pediatr Radiol*. 2019 Jun;49(7):922-932. Epub 2019 Mar 30. PubMed PMID: 30929036; PubMed Central PMCID: PMC6576270.

Willauer AN, Liu Y, Pereira AAL, Lam M, Morris JS, Raghav KPS, Morris VK, Menter D, Broaddus R, Meric-Bernstam F, **Hayes-Jordan A**, Huh W, Overman MJ, Kopetz S, Loree JM. Clinical and molecular characterization of early-onset colorectal cancer. *Cancer*. 2019 Jun 15;125(12):2002-2010. Epub 2019 Mar 11. PubMed PMID: 30854646; PubMed Central PMCID: PMC6583775.

## PUBLICATIONS | SURGICAL ONCOLOGY

Wrobel JA, Xie L, Wang L, Liu C, Rashid N, **Gallagher KK**, Xiong Y, Konze KD, Jin J, Gatza ML, Chen X. Multi-omic Dissection of Oncogenically Active Epiroteomes Identifies Drivers of Proliferative and Invasive Breast Tumors. *iScience*. 2019 Jul 26;17:359-378. Epub 2019 Jul 4. PubMed PMID: 31336272.

**Gallagher KK**, **Ollila DW**. Indications for Neoadjuvant Systemic Therapy for Breast Cancer. *Adv Surg*. 2019 Sep;53:271-292. Epub 2019 Jun 6. Review. PubMed PMID: 31327452.

Dupont E, Tsangaris T, Garcia-Cantu C, Howard-McNatt M, Chiba A, Berger AC, Levine EA, Gass JS, **Gallagher K**, Lum SS, Martinez RD, Willis AI, Pandya SV, Brown EA, Fenton A, Mendiola A, Murray M, Solomon NL, Senthil M, **Ollila DW**, Edmonson D, Lazar M, Namm JP, Li F, Butler M, McGowan NE, Herrera ME, Avitan YP, Yoder B, Walters LL, McPartland T, Chagpar AB. Resection of Cavity Shave Margins in Stage 0-III Breast Cancer

Patients Undergoing Breast Conserving Surgery: A Prospective Multicenter Randomized Controlled Trial. *Ann Surg*. 2019 Jul 8. [Epub ahead of print] PubMed PMID: 31290763.

Macedo FI, Ryon E, Maithel SK, Lee RM, Kooby DA, Fields RC, Hawkins WG, Williams G, **Maduekwe U**, **Kim HJ**, Ahmad SA, Patel SH, Abbott DE, Schwartz P, Weber SM, Scoggins CR, Martin RCG, Dudeja V, Franceschi D, Livingstone AS, Merchant NB. Survival Outcomes Associated With Clinical and Pathological Response Following Neoadjuvant FOLFIRINOX or Gemcitabine/Nab-Paclitaxel Chemotherapy in Resected Pancreatic Cancer. *Ann Surg*. 2019 Jul 5. [Epub ahead of print] PubMed PMID: 31283563.

Ellis CT, Cole AL, Sanoff HK, Hinton S, Dusetzina SB, **Stitzenberg KB**. Evaluating Surveillance Patterns after Chemoradiation-Only Compared with Conventional Management for Older Patients



## PUBLICATIONS | SURGICAL ONCOLOGY

with Rectal Cancer. *J Am Coll Surg*. 2019 May;228(5):782-791.e2. doi: 10.1016/j.jamcollsurg.2019.01.010. Epub 2019 Jan 25. PubMed PMID: 30685478; PubMed Central PMCID: PMC6487226.

Miles JA, Orlow I, Kanetsky PA, Luo L, Cust AE, Armstrong BK, Krickler A, Anton-Culver H, Gruber SB, Gallagher RP, Zanetti R, Rosso S, Sacchetto L, Dwyer T, Gibbs DC, Busam KJ, Mavinkurve V, **Ollila DW**, Begg CB, Berwick M, Thomas NE; GEM Study Group. Relationship of Chromosome Arm 10q Variants to Occurrence of Multiple Primary Melanoma in the Population-Based Genes, Environment, and Melanoma (GEM) Study. *J Invest Dermatol*. 2019 Jun;139(6):1410-1412. Epub 2018 Dec 17. PubMed PMID: 30571972; PubMed Central PMCID: PMC6535117.

## PUBLICATIONS | VASCULAR

Freeman NLB, **McGinigle KL**, Leese PJ. Using Electronic Medical Records to Identify Enhanced Recovery After Surgery Cases. *EGEMS (Wash DC)*. 2019 Jul 26;7(1):34. PubMed PMID: 31380461; PubMed Central PMCID: PMC6662533.

Wren SM, Balch CM, Doherty GM, Finlayson SR, Kauffman GL, **Kibbe MR**, Haider AH, Minter RM, Mock C, Muguti GI, Numann PJ, Olutoye OO, Roy N, Weigel RJ. Academic Advancement in Global Surgery: Appointment, Promotion, and Tenure: Recommendations from the American Surgical Association Working Group on Global Surgery. *Ann Surg*. 2019 Jul 25. [Epub ahead of print] PubMed PMID: 31356270.

**Crowner JR, Marston W**. Percutaneous thrombectomy using a novel single-session device for acute ilio-caval deep vein thrombosis. *J Vasc Surg Cases Innov Tech*. 2019 Jun 29;5(3):302-304. eCollection 2019 Sep. PubMed PMID: 31334405; PubMed Central PMCID: PMC6614594.

Polonsky TS, Tian L, Zhang D, Bazzano LA, Criqui MH, Ferrucci L, Guralnik JM, **Kibbe MR**, Leeuwenburgh C, Sufit RL, McDermott MM. Associations of Weight Change With Changes in Calf Muscle Characteristics and Functional Decline in Peripheral Artery Disease. *J Am Heart Assoc*. 2019 Jul 2;8(13):e010890. Epub 2019 Jun 29. PubMed PMID: 31257970.

**Farber MA**, Oderich GS, Timaran C, Sanchez LA, Dawson Z; Zenith p-Branch Feasibility Study Investigators. Results from a prospective multicenter feasibility study of Zenith p-Branch stent graft. *J Vasc Surg*. 2019 Jun 26. pii: S0741-5214(19)30518-X. [Epub ahead of print] PubMed PMID: 31255472.

**Patti MG, Kibbe MR**. Surgery 2019: an existential crisis. *Updates Surg*. 2019 Jun;71(2):201-203. Epub 2019 Jun 21. PubMed PMID: 31228103.

Young JC, Paul NJ, Karatas TB, Kondrasov SA, **McGinigle KL**,

Conway K, Edmiston SN, Parker JS, Kuan PF, Tsai YH, Groben PA, Zedek DC, Scott GA, Parrish EA, Hao H, Pearlstein MV, Frank JS, Carson CC, Wilkerson MD, Zhao X, Slater NA, Moschos SJ, **Ollila DW**, Thomas NE. Identification of a Robust Methylation Classifier for Cutaneous Melanoma Diagnosis. *J Invest Dermatol*. 2019 Jun;139(6):1349-1361. Epub 2018 Dec 6. PubMed PMID: 30529013; PubMed Central PMCID: PMC6535139.

**Crowner JR, Pascarella L, Farber MA, Kibbe MR, Marston WA, Kalbaugh CA**. Cigarette smoking intensity informs outcomes after open revascularization for peripheral artery disease. *J Vasc Surg*. 2019 Jun 5. pii: S0741-5214(19)31033-X. [Epub ahead of print] PubMed PMID: 31176638.

Rosengart TK, Doherty G, Higgins R, **Kibbe MR**, Mosenthal AC. Transition Planning for the Senior Surgeon: Guidance and Recommendations From the Society of Surgical Chairs. *JAMA Surg*. 2019 May 15. [Epub ahead of print] PubMed PMID: 31090889.

Mansukhani NA, **Peters EB**, So MM, Albaghdadi MS, Wang Z, Karver MR, Clemons TD, Laux JP, **Tsihlis ND**, Stupp SI, **Kibbe MR**. Peptide Amphiphile Supramolecular Nanostructures as a Targeted Therapy for Atherosclerosis. *Macromol Biosci*. 2019 Jun;19(6):e1900066. Epub 2019 May 8. PubMed PMID: 31066494; PubMed Central PMCID: PMC6579116.

Henley MD, Arora H, **Farber MA, Caranasos TG**, Teeter EG, Kumar PA. Anesthetic Considerations for 3-Branch Endovascular Total Aortic Arch Aneurysm Repair. *J Cardiothorac Vasc Anesth*. 2019 Jun;33(6):1714-1721. Epub 2018 Nov 30. PubMed PMID: 30630657.

**Motta F, Crowner JR, Kalbaugh CA, Marston WA, Pascarella L, McGinigle KL, Kibbe MR, Farber MA**. Outcomes and complications after fenestrated-branched endovascular aortic repair. *J Vasc Surg*. 2019 Jul;70(1):15-22. Epub 2018 Dec 24. PubMed PMID: 30591293.

McDermott MM, Polonsky TS, Guralnik JM, Ferrucci L, Tian L, Zhao L, Stein J, Domanchuk K, Criqui MH, Taylor DA, Li L, **Kibbe MR**. Racial Differences in the Effect of Granulocyte Macrophage Colony-Stimulating Factor on Improved Walking Distance in Peripheral Artery Disease: The PROPEL Randomized Clinical Trial. *Am Heart Assoc*. 2019 Jan 22;8(2):e011001. PMID: 30661439

# RESEARCH

## RESEARCH RESOURCES

[Carolina Data Warehouse for Health](#) (CDW-H) is a central data repository containing clinical, research, and administrative data sourced from the UNC Health Care System. The CDW-H team hosts office hours twice per month (the first Wednesday and third Thursday). This is a chance for anyone with questions about datasets, i2b2, or additional CDW “stuff” to speak with an analyst; no appointment necessary.

Next Dates: September 4 and 19; October 3 and 17, November 6 and 21, December 4 and 19, 2019

Time: 1:00 PM - 5:00 PM

Location: Brinkhous-Bullitt Building, Room 218

[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](#).

## RESEARCH SUPPORT

### PROPOSAL DEVELOPMENT

Grace Chen, BA, our Research Administrator, and Annie Skilton, MSLS, CRA, our Research Program Coordinator, provide support for all areas of proposal development including clinical trials and will be your main contacts (see below for group assignments) for all things relating to pre-award research. They 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 or Annie 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!

Groups assigned to Grace	
Burn	Vascular
Pediatric Surgery	Plastics and Reconstructive
Gastrointestinal Surgery	Chair

Groups assigned to Annie	
Abdominal Transplant	Cardiothoracic
General and Acute Care	Surgical Oncology
Resident   Trainees	

To request grant submission assistance, please complete the [online service request form](#).

To request clinical trial contract submission, please complete the [online service request form](#).

### BIostatISTICS

The Department of Surgery is collaborating with the North Carolina Translational and Clinical Sciences Institute (NC TraCS) to provide biostatistical consultations and support to our faculty members

## 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 [website](#).

### 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 [website](#).

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 Paula Strassle and Charley Gaber through the [online service request form](#).

### DATABASE MANAGEMENT

Paula Strassle, PhD, MSPH, Assistant Professor is our Database Manager. Her 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](#).

### EVIDENCE BASED PRACTICE AND RESEARCH

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 [online request form](#). For any other requests, contact Rebecca at [mccall@unc.edu](mailto:mccall@unc.edu).





## ABSTRACT DEADLINES

### 15th Annual Academic Surgical Congress

Meeting Date: February 4-6, 2020

Location: Orlando, FL

Abstract Deadline: August 26, 2019

More information available [here](#).

### Society of Surgical Oncology 2020 Advanced Cancer Therapies

Meeting Date: February 15-17, 2020

Location: Orlando, Florida

Abstract Deadline: October 16, 2019

More information available [here](#).

### Society of Surgical Oncology 2020 Annual Cancer Symposium

Meeting Date: March 25-28, 2020

Location: Boston, MA

Abstract Deadline: October 5, 2019

More information available [here](#).

### The American Surgical Association (ASA) 140th Annual Meeting 2020

Meeting Date: April 16-18, 2020

Location: Washington, D.C.

Abstract Deadline: TBD

More information available [here](#).

### American Society of Breast Surgeons (ASBS) 21st Annual Meeting

Meeting Date: April 29 - May 3, 2020

Location: Las Vegas, Nevada

Abstract Deadline: TBD

More information available [here](#).

### 2020 Digestive Disease Week (DDW) Event

Meeting Date: May 2-5, 2020

Location: Chicago, IL

Abstract Deadline: TBD

More information available [here](#).

### American Society of Colon & Rectal Surgeons (ASCRS) 2020 Annual Scientific Meeting

Meeting Date: June 6-10, 2020

Location: Boston, MA

Abstract Deadline: TBD

More information available [here](#).

### 2020 Academy Health's Annual Research Meeting (ARM)

Meeting Date: June 13-16, 2020

Location: Boston, MA

Abstract Deadline: Mid-January 2020 - pending announcement

More information available [here](#).

### 2020 American Society of Clinical Oncology (ASCO)

Meeting Date: May 29-June 2, 2020

Location: Pending

Abstract Deadline: February 2020 - pending announcement

More information available [here](#).

## GRANT OPPORTUNITIES

### FACULTY

#### American College of Surgeons (ACS) - Faculty Research Fellowships

Application Deadline: November 15, 2019

Award Amount: Up to \$40,000 for up to 2 years

More information available [here](#).

#### NC TraCS Pilot Awards for Translational Research

Application Deadline: November 15, 2019 is the next deadline for three NC TraCS Pilot award programs:

- [\\$5-50K Translational Research Matched Pilot Grants](#)
- [FastTraCS Funding: Special emphasis on drugs, devices and diagnostics development](#)
- [Translational Science Methods and Process Awards \(TSMAPA\)](#)

For more information about these pilot grant mechanisms please contact [Paul Kerr](#) or [nctracs@unc.edu](mailto:nctracs@unc.edu).

### RESIDENT + TRAINEES

#### American College of Surgeons (ACS) - Resident Research Scholarships

Application Deadline: September 16, 2019

Anticipated Award Start Date: July 2020

Award Amount: Up to \$30,000 for up to 2 years

More information available [here](#).

### BOTH

#### NC TraCS \$2K Grant Awards

Application Deadline(s): November 19, 2019 & December 17, 2019

Award Amount: \$2,000

More information available [here](#).



## IN THE LOOP - EDUCATION

### ERAS

Enhanced Recovery After Surgery (ERAS) began at UNC 5 years ago as an IHI seed grant focusing on pancreatic surgery. Over the years, the program has expanded to sixteen pathways at the Medical Center. Ten of these pathways are in the Department of Surgery, including divisions traditionally included in ERAS (i.e. colorectal, surg onc) as well as novel ERAS pathways, such as cardiac and vascular surgery. UNC is also a national leader in the development of pediatric ERAS and we are proud to announce the launch of three new pathways in the Children's Hospital over the last year.

All providers caring for a patient having surgery are involved in ERAS. This means that clinic nursing, PAT staff, PCS, intraop, PACU, and floor staff are involved, along with PT, nutrition, alcohol/smoking cessation, and more. Each ERAS pathway is supported by a team composed of a surgeon, anesthesiologist, nurse anesthetist, and nurse. The overall program is supported by an organizational leadership team which meets monthly. This team has worked to standardize the key elements of the pathways across all divisions and departments to facilitate understanding and improve compliance.

The UNC Enhanced Recovery Program has also garnered support from the healthcare system over the last year. With this support, Patient Safety and Performance Improvement (PIPS) has created a metrics dashboard that focuses on the universal elements inherent

to all ERAS pathways. The data dashboard is designed to obtain process and outcomes measures to help correlate adherence to the pathway with outcome goals and to identify areas in need of improvement. PIPS has also provided quality analysts and coaching for each pathway, and are available to meet with the ERAS team leads and/or service leaders based on your needs.

Finally, the colorectal division has led the way in a UNC Healthcare system initiative to expand the pathways across the affiliate hospitals. Working closely with the colorectal surgeons at Rex, Drs. Chaumont and Sadiq aligned clinical pathways and adopted a new EPIC Clinical Pathway program to track their patients across the peri-operative encounters. Although still in the pilot phase, there has been initial success with this collaboration and we plan to include other specialties and other hospitals over the coming year.

More information can be found on the [ERAS website](#).

Thanks for your continued involvement and support,



**Kate McGinley, MD**

*Surgical Director, Enhanced Recovery Program*

### EDUCATION

We were lucky to have visiting professor Deb DaRosa, PhD with us July 12-14, 2019 for two of our department's prominent educational conferences. The Resident as Teacher course occurred July 12 and focused on the topic of "Teaching and Learning in the OR." This included interactive lectures and a hands-on teaching exercise in the Sim Center. Thanks to the many medical students who volunteered to serve as learners for our teaching residents. On July 13, the faculty was treated to a two-hour retreat at the Friday Center focused on "How to Coach Learners to Learn." We are beginning plans for the next Resident as Teacher speaker, Dr. Roy Phitayakorn, on September 29, 2020.

Annual teaching awards were bestowed in June. Congratulations to Outstanding Medical Student Teacher awardees, and our Outstanding Resident Teacher awardees. To see a full list of the award winners [click here](#). Thank you for all you do for the educational mission.

Our bootcamp for MS-4 students March 18-22, 2019 was a great success. Under Dr. Pascarella's leadership, 26 participants received instruction relevant to their transition to internship. Thank you to all who participated.

The mindfulness course for interns occurred across four Tuesdays in April. We are appreciative to instructors Karen Bluth, PhD and Laura Prochnow-Phillips for working to develop a more surgeon-

focused curriculum this year.

Mock orals occurred April 29, 2019 for our PGY 4 and PGY 5 residents. Our next UNC Mock Orals will occur September 9, 2019 5:00-6:30 PM. Please mark your calendars. Faculty are requested to serve as examiners.

Our first ethics M&M on April 17, 2019 was well received. Drs. Liz Dreesen, Sara Scarlet and Arlene Davis are planning the next conference in the Fall. Our educational Grand Rounds series continues. Dr. Greg Dale is scheduled for January 15, 2020 ("Achieving Excellence in Performance"). In addition, Dr. Jason Crowner is putting together a series of "Career Corner" sessions that will be 30-minute micro-sessions presented quarterly. These will focus on faculty and resident development topics.

Sincerely,



**Timothy Farrell, MD**

*Vice Chair of Education*







**James F. Newsome, MD**  
Distinguished Visiting Professor  
**Keith Lillemoe, MD**  
*W. Gerald Austen Professor of Surgery  
Harvard Medical School, Surgeon-in-Chief  
Chief, Department of Surgery  
Massachusetts General Hospital*

**Surgical Decision Making: Getting  
Some Right and Some Wrong**

## Facts about Leadership:

"The key to being a good leader is keeping people who hate you away from those who are still undecided." - (Casey Stengel)

- It's not for everyone
- There is no formula or direct path to a leadership position
- There is a significant different between wanting to BE and really wanting to DO
- Having a business degree does not guarantee a leadership position
- No great jobs if you have an overwhelming desire to be loved
- Must be prepared to put your own interests secondary to the interests of the rest of the entity
- Are you willing to step out of your comfort zone?

## Know and Show Yourself - Enough

You must be sufficiently self-aware and also be prepared to self-declare. Effective leaders know enough and show enough to maximize their leadership impact. Effective leaders also have a sense of what works for them with others, primarily a matter of self-awareness.

## Why lead?

There are special rewards for authentic leaders. The pleasure of leading a group to achieve a worthy goal, ie, creating a financially and academically successful department where each individual can achieve to their full potential.



**Gordon Lee, MD**  
**Ethel F. and James A. Valone**  
Distinguished Visiting Professor  
*Professor of Surgery, Division of Plastic  
and Reconstructive Surgery at Stanford  
University Medical Center*

**From Reconstruction to Revelation**

## What revelations from your career can you share with our faculty and residents?

**Revelation 1: Mentorship is key.** The relationship with faculty was very important to me. I don't think I'd be where I am today without it.

**Revelation # 2: Life-Long Learning.** Don't be afraid to try something new while still following the principals of surgery.

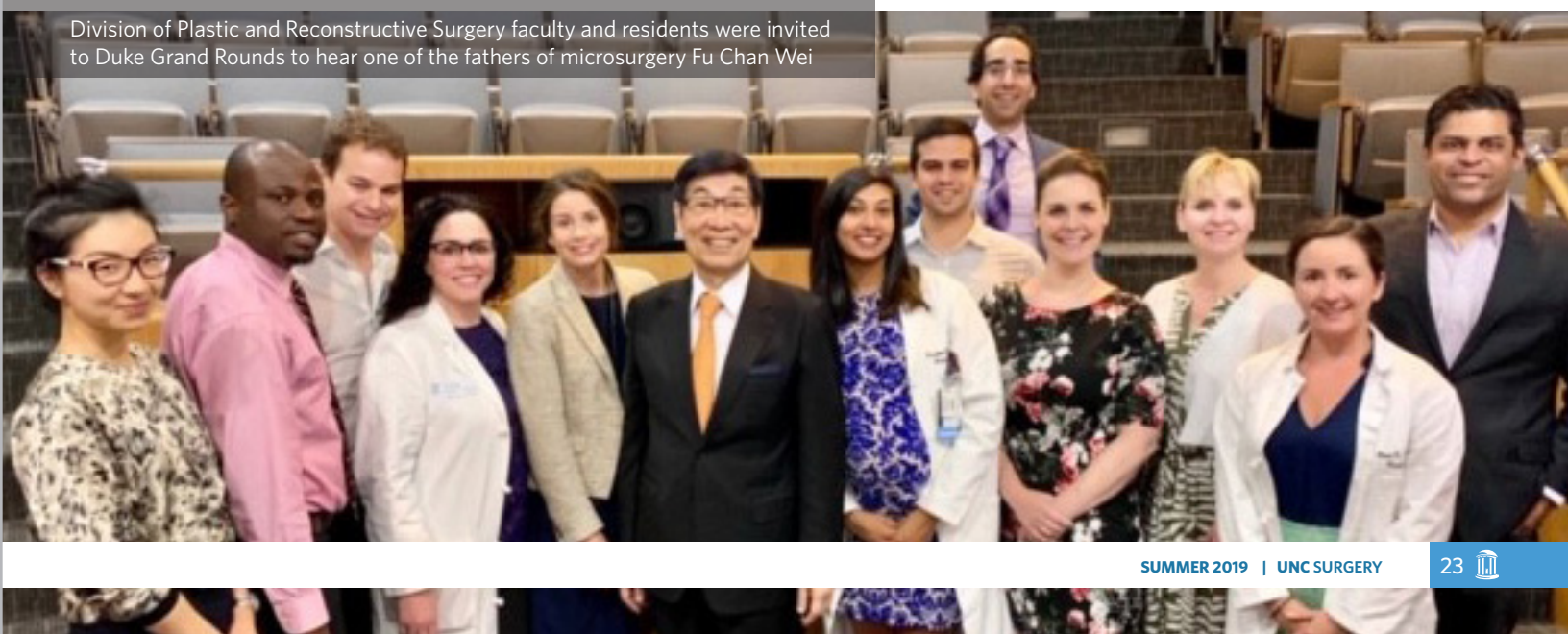
**Revelation #3: Perseverance = Grit.** It's times when you are so tired and exhausted and ask should we give up having that determination and have a reality check — understanding the idea of never giving up and knowing when to give up.

**Revelation: #4: Academics and Scholarship.** Throughout your career, you are following the scientific method of asking a good question, designing a good study, collecting and analyzing the data of that study and coming up with your conclusions. Become an expert in something.

**Revelation: #5: Principles of Reconstructive Surgery.** Try to follow those principals. Sir Harold Gillies, "Replace like with like."

**Revelation: #6" Developing expertise.** Take a lot of photos, pre, intra and post-op. Review your photos critically and think "how could I have done it better?"

Division of Plastic and Reconstructive Surgery faculty and residents were invited to Duke Grand Rounds to hear one of the fathers of microsurgery Fu Chan Wei



# GRAND ROUNDS & EVENTS

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

9/4/2019

Quality Quarterly / Career Corner  
**Jin Ra, MD**, Vice Chair of Quality, Associate Professor, Division of General & Acute Care and **Thomas Caranasos, MD**, Assistant Professor, Division of Cardiothoracic Surgery

9/11/2019

UNC Visiting Speaker  
**Wendell Yarbrough, MMHC, FACS**, Chair, and **Thomas J. Dark Distinguished Professor of Otolaryngology/Head and Neck Surgery**

9/18/2019



George F. Sheldon Visiting Professor **Fabrizio Michelassi, MD**, Professor and Chair of Surgery, Weill Cornell Medical College

9/25/2019

STATE OF THE DEPARTMENT ADDRESS

10/2/2019

Chief Resident

10/9/2019

Faculty Meeting  
Guest **Wesley Burks, MD**, Dean, UNC School of Medicine

10/16/2019



Visiting Speaker  
**Ross Ungerleider MD, MBA**, Congenital Cardiothoracic Surgeon

10/23/2019

Diversity & Inclusion Speaker  
**James Barron, MA**, Director, HCS Office of Diversity, Equity and Inclusion

10/30/2019

No Grand Rounds - American College of Surgeons Conference

11/6/2019

American College of Surgeons Presentations

11/13/2019



Visiting Speaker  
**Alik Farber, MD**, Chief of Vascular and Endovascular Surgery Boston University School of Medicine, Boston MA

## Welcome Luncheon

Faculty, Residents, Fellows & their Families  
are Invited to a Welcome Luncheon

Please join Drs. Melina Kibbe & Marco Patti at  
their home for a celebration to usher in the new  
academic year.

Saturday, September 14, 2019

11:30 am - 1:30 pm

Kindly RSVP:

elizabeth\_gorsuch@med.unc.edu  
by September 5, 2019



SCHOOL OF MEDICINE  
Surgery

## Institute for Healthcare Quality Improvement

Drs. Stephanie Lumpkin and Nicole Chaumont worked on reducing gastrointestinal surgery readmissions through a one-year grant, the Clinical Scholars Program through UNC Institute of Healthcare Quality Improvement. Through this physician-led, multiprofessional project, they standardized discharge paperwork, identified key patient education gaps at discharge, improved patient satisfaction, and streamlined provider and nurse communications. They will be presenting their results at the UNC Institute for Healthcare Quality Improvement's annual symposium on Thu, Sep 19 at 2pm.

## Improvement Scholars Symposium

Celebrating the hard work and success of IHQI's 2018 - 2019 projects

2:00 - 4:00 Presentations

4:00 - 4:30 Poster Reception

September 19, 2019

Cancer Hospital, Conf. Room 1

2:10

Addressing Food Insecurity in  
Hospitalized Patients  
**Amir Barzin, DO, MS**  
**Jennifer Willis, RD, LDN**

2:23

Early Sepsis Recognition and  
Intervention in Critical Care  
Transport  
**Dameion Rutherford, RN,**  
**CFRN, NREMT-P**  
**Francis Castiller, MD**

2:36

Gastrointestinal Surgery  
Readmission Reduction  
**Stephanie Lumpkin, MD**  
**Nicole Chaumont, MD**

2:49

Geriatric Bone Health  
**Meredith Gilliam, MD, MPH**

3:02

Opioid Stewardship in Obstetrics  
**Christine McKenzie, MD**  
**Lacey Straube, MD**

3:15

Reach Out and Read™ in UNC's  
Newborn Critical Care Center  
**Erin Orth, MD**

3:28

Preventing Nephrotoxic Kidney  
Injury in Hospitalized Children  
**Will Stoudemire, MD**

3:41

Antibiotic Time-Outs  
**Zach Willis, MD, MPH**

Register: <https://tinyurl.com/ihqi2019>



UNC  
INSTITUTE FOR HEALTHCARE  
QUALITY IMPROVEMENT



24

UNC SURGERY | SUMMER 2019



## PATIENT STORIES



**Robert Martin**  
*Pain in the Foot*

Three years ago, Robert Martin was on the brink of losing his physically demanding job due to excruciating foot pain. The pain became so debilitating that Robert started to find it difficult to get out of bed in the morning, let alone walk and stand at his job all day. Read about how Dr. Howard Kashefsky, DPM,

at the UNC Podiatry Center was able to help Robert become 100% pain-free and get back to his job and his outdoor hobbies. [Read his story](#)

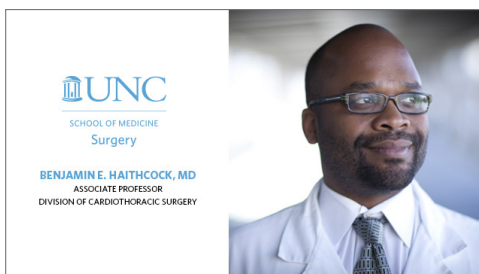


**Doug Neumann**  
*Living Kidney Donor*

After seeing a Facebook post about a friend in need of a kidney, Doug Neumann, filled out the paperwork to see if he could be a match and ultimately a living kidney donor. Doug hit challenges during the testing process but was able to connect with Amy Woodard, the Kidney Transplant Coordinator at

UNC, who cleared the way in making the kidney donation a reality, forever impacting the lives of two families. [Read his story](#).

## FACULTY VIDEOS



### [Watch all videos](#)

Corey Kalbaugh, PhD  
Alessandro Fichera, MD  
Stephanie Downs-Canner, MD  
Chirag Desai, MD  
Jeyhan Wood, MD  
Luigi Pascarella, MD  
Katharine McGinagle, MD  
Timothy Sadiq, MD  
Marco Patti, MD  
Jason Long, MD  
John Ikonomidis, MD, PhD  
Trista Reid, MD

Bruce Cairns, MD  
Don Nakayama, MD  
Mahesh Sharma, MD  
Melina Kibbe, MD  
David Overby, MD  
Timothy Farrell, MD  
Andrea Hayes-Jordan, MD  
Gita Mody, MD, MPH  
Benjamin Haithcock, MD  
Michael Phillips, MD  
David Gerber, MD  
Thomas Caranasos, MD

Shannelle Campbell, MD  
Kristalyn Gallagher, DO  
Anthony Charles, MD, MPH  
Paul Tessman, MD  
Jin Ra, MD  
Stephen Heisler, DPM  
Rabia Nizamani, MD  
Jason Crouner, MD  
Karyn Stitzenberg, MD  
Howard Kashefsky, MD  
Felicia Williams, MD  
Pablo Serrano, MD

## COMMENTS

“I was fortunate enough to work with Karyn Stitzenberg for several years. She is one of the best surgeons I have ever worked with. She is also a great friend.” – Carol Arbushitis Deans (Facebook)

“Dr. Desai is a wonderful doctor but more than that a wonderful human being who really goes above and beyond helping his patients. I have no doubt that after having the islet cell transplant performed by him I was in the best hands, thank you doctor for all you do and did for me.” – Roberto Toyos (YouTube)

“Dr. Jehan Wood and the Cleft Team have been phenomenal with our son Eli. He has been seeing them since we adopted him from China at one year old. He’s now 10 and he feels confident in the work they do! We are beyond lucky to have our son see this team!” – Kelly Parker Brinkman (Facebook)

“(Dr. Gerber) On behalf of the Sheldon daughters, I thank you for modeling Dad’s passions for learning & teaching to help those who are suffering. – Anne Anderson (Facebook)



SCHOOL OF MEDICINE  
Surgery

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 Mary Margaret Carroll, Senior Executive Director of Development at the Medical Foundation of NC, at [mary\\_carroll@med.unc.edu](mailto:mary_carroll@med.unc.edu). (919) 843-8443 or visit [go.unc.edu/uncsurgery](http://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.



[MED.UNC.EDU/SURGERY](http://MED.UNC.EDU/SURGERY)



[@UNCSURGERY](https://www.facebook.com/UNCSURGERY)



[@UNCSURGERY](https://twitter.com/UNCSURGERY)



(919) 966-4320