



UNC SURGERY NEWS

Fall 2017

The Newsletter of the Department of Surgery at the University of North Carolina At Chapel Hill

In This Issue

NEWS



UNC at the American College of Surgeons Clinical Congress (page 3)



Welcome Luncheon Photo Gallery (page 5)



Dr. Patti Presides Over 47th World Congress of Surgery (page 6)

HIGHLIGHTS



Anthony Charles selected as member of Order of Golden Fleece (page 11)

ALUMNI NEWS



Raeshell Sweeting (2015) named Hero of Medicine in Savoy Magazine (page 18)

NEW FACULTY



Alessandro Fichera, MD, FACS, FASCRS becomes Chief of GI Surgery (page 15)

REFLECTIONS



A Season of Transition by David Gerber, MD (page 19)

Also:

STAFF CONNECTION ... 17
COMING SOON 20
RESEARCH 21

As the new academic year is upon us, it was with great pleasure that I was able to present the State of the Department Address on September 6, 2017. This is a tradition that I hope to continue each year.

With respect to the education mission, our three residency and six non-primary degree granting residency or fellowship programs are doing well. Last year, the general surgery program received 1,209 applicants for six positions. The plastic surgery program received 240 applicants for two positions. The cardiothoracic program received 130 applicants for one position. All three programs matched highly talented and enthusiastic individuals who are eager to learn their craft. New this year, Drs. Patti, Crowner, and Schlottmann have assembled the new simulation curriculum for the general surgery program that is PGY-level specific. Lastly, the AHEC program for the medical students remains a strong collaborative effort between the Carolinas Medical Center, Mission Health System, WakeMed Hospital, and the New Hanover Regional Medical Center.

With respect to the research mission, grant submissions and grant awards have increased for the Department of Surgery. Our total research grant dollars as well as our federal research grant dollars more than doubled from 2016 to 2017. Dr. Cairns, Yeh, Bahnson and myself received new research awards from the National Institutes of Health (NIH), Department of Defense, various foundations, and intramural sources. In alignment with the research mission, the number of publications for the Department of Surgery increased 36% from 2016 to 2017, and the average number of publications per faculty member per year have similarly risen. We have 5 general surgery residents currently pursuing research experiences both at UNC and abroad, with several being supported by NIH training grants.

With respect to the clinical mission, the Department is doing well. Comparing FY17 to FY16, clinical cases were up 3.6% and wRVU productivity was up 9.4%. This activity translated to a profitable year that has allowed us to re-build some of the departmental reserves. With the recruit of new faculty and support of existing faculty, new clinical programs are already underway or are about to commence. This includes the islet cell transplantation program (Dr. Desai), a cardiac shock program (Dr. Tessmann), HIPEC (Dr. Maduekwe), the Carolina Nerve Center (Drs. Kalliainen and Damitz), the Hernia Center (Dr. Perez), and enhanced growth of the thoracic outlet syndrome program (Dr. Pascarella).

I am also excited to announce that Shannon Reavis has joined the Department of Surgery as the new Director of Development. Cecilia Riek has assumed the role as the Department of Surgery lead outreach officer. Michael Hewett and Henry Okoth have joined UNC as Quality and

Message from the Chair



Melina R. Kibbe, MD

Organizational Excellence Leaders and will be devoted to process improvement in the Department of Surgery.

Thus, as manifested through our commitment to the missions of the Department and the School of Medicine, it is clear that the state of the Department of Surgery is strong!



Melina R. Kibbe, MD
 Chair, Department of Surgery
 Zack D. Owens Distinguished Professor of Surgery

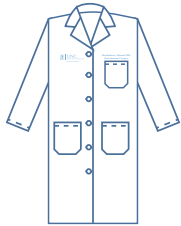
VISION

To be the nation’s leading public academic department of Surgery

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

With a commitment to the wellness and treatment of adults and children in North Carolina and areas surrounding, the Department’s dedicated team of support includes:



69 by Residency Faculty



49 Researchers

Residents

General Surgery.....	44
Plastic.....	12
Cardiothoracic.....	5
Oral/Max.....	1
Urology.....	3



54 Advanced Practice Providers



69 Staff Members

Fellows

Critical Care.....	2
MIS.....	1
Surgical Oncology.....	2
Transplant.....	1
Vascular.....	2

RESEARCH DEVELOPMENTS*



49 Grant Submissions



\$2,380,689 Research Grant Dollars



\$1,743,632 Federal Grant Dollars



\$301,259 Clinical Trial Dollars

**As of Jan-Jun 2017*

FEATURED NEWS

UNC at the American College of Surgeons Clinical Congress



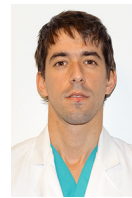
The UNC Department of Surgery was actively engaged in this year's American College of Surgeons (ACS) Clinical Congress, held during October 21-25, 2017 in San Diego. Several of our trainees presented their research in the Surgical Forum. Anthony Charles, MD, supervised the work of four presentations on various aspects of trauma care in sub-Saharan Africa that were delivered by Joanna Grudziak, MD, Jessica Eaton, and Meghan Prin, MD. Francisco Schlottmann, MD, presented research on surgery for benign esophageal disorders in the US performed under the supervision of Marco Patti, MD that was highlighted by the ACS Clinical Congress News. Apoorve Nayyar, MBBS presented work done with Kandace McGuire, MD on disparities in the utilization of sentinel lymph node dissection. Wesley Stepp, PhD, presented research on the molecular signature of immune dysfunction

in burn trauma performed under the supervision of Sam Jones, MD, Rob Maile, and Bruce Cairns, MD. Sara Scarlet, MD, was invited to present "Not just angst – the unexplored concept of moral distress among surgeons". Dr. Kibbe moderated an active panel session entitled, "Future Surgeon Scientists: How Do We Train Them?" Prior to the initiation of the Clinical Congress, Dr. Kibbe participated in the Association for Academic Surgery (AAS) Fall Courses and delivered a talk on how to fund basic science research and participated in a panel session on "Building a research career, this is my story." Mia Klein, MD, Stephanie Lumpkin, MD, and Apoorve Nayyar, MBBS also attended the AAS Fall Courses. Notably, one of our very own medical students, Mary Chen, received the Association for Women Surgeons (AWS) Patricia Numann Medical Student Award during the AWS banquet dinner, which was also attended by Michelle Brownstein, MD, and Meredith Duke, MD. Many other faculty attended the ACS Clinical Congress, served as moderators, discussants, and/or panel members. Overall, UNC was very well represented at the 2017 ACS Clinical Congress!

Surgery Residents and Fellows presented at the American College of Surgeon (ACS) Clinical Congress, October 22-26, 2017.



Joanna Grudziak, MD
Resident
"Pre-Existing Malnutrition Increases Operative Mortality in a Sub-Saharan Africa Burn Unit"



Francisco Schlottman, MD
Research Fellow
"Surgery for Benign Esophageal Disorders in the US: Risk Factors for Complications and Trends of Morbidity in the Last Decade"



Apoorve Nayyar, MBBS
Post-Doc Researcher
"Disparities in the Utilization of Sentinel Lymph Node Dissection (SLND) in Early-Stage Breast Cancer"



Wesley Stepp, PhD
Research Fellow
"Towards a Molecular Signature of Immune Dysfunction in Burn Trauma"



Sara Scarlet, MD
Resident
"Not Just 'Angst'—the Unexplored Concept of Moral Distress Among Surgeons"

ACS Photos 2017



Faculty members and residents enjoying dinner at the 2017 ACS Clinical Congress



Left to right: Melina Kibbe, MD (Chair), Barbara Lee Bass, MD (ACS President) and Patricia L. Turner, MD (Director of ACS Member Services)



Mary Shen (MS4) and Michelle Brownstein, MD



Francisco Schlottmann, MD, Daniela Molena, MD, and Marco Patti, MD



Apoorve Nayyar, MBBS
Disparities in the Utilization of Sentinel Lymph Node Dissection (SLND) in Early-Stage Breast Cancer



Wesly Stepp, PhD
"Towards a Molecular Signature of Immune Dysfunction in Burn Trauma"



Sara Scarlet, MD (right) and fellow panelists following the "Intimate Partner Violence Session"



Melina Kibbe, MD (Chair) speaking during the AAS "Fundamentals of Surgical Research" panel discussion

Department of Surgery Welcome Luncheon September 2017

DEPARTMENT NEWS



Dr. Marco Patti Presides Over 47th World Congress of Surgery as President of International Society of Surgery (ISS), Basel, Switzerland



Figure 1

The 47th World Congress of Surgery took place in Basel, Switzerland on August 12-17, 2017, under the auspices of the International Society of Surgery (ISS) (Figure 1). The ISS is the oldest surgical society in the world, and functions as an umbrella for international societies, which cover different areas of surgery, from endocrine to gastrointestinal, from breast to trauma and global surgery. Marco Patti, MD was President of the ISS and presided the Congress, which saw the participation of surgeons from 93 countries. In his presidential address entitled “Memories of the Future”, he reflected on his career, stressing patients care and mentoring as the most meaningful aspects of a career in academic surgery (Figure 2).



Figure 2

Melina Kibbe, MD, Bruce Cairns, MD, Anthony Charles MD and Francisco Schlottmann, MD also represented the Department of Surgery of University of North Carolina (Figure 3). Melina Kibbe, MD, organized in collaboration



Figure 3

with the World Journal of Surgery, a Career Advancement Course and a Writer’s Course to teach young surgeons the intricacies of a career in Academic Surgery and the fundamentals of scientific writing (Figure 5). As part of this course, Bruce Cairns, MD, discussed how to develop a successful network of collaborators (Figure 5). Francisco Schlottmann, MD, was a finalist for the Grassi Prize with a study on the influence of volume on the outcome of antireflux operations (Figure 6). He also presented research done in Malawi with Dr. Anthony Charles. During the meeting, Alessandro Fichera, MD, was appointed President Elect of the International Society of Digestive Surgery (Figure 7). Two members of the UNC GI division, Nicholas Shaheen, MD and Todd Baron, MD, were also invited speakers (Figure 5).



Figure 4



Figure 5



Figure 7



Figure 6

IN THE LOOP

Research

After assessing our utilization of biostatistics and database expertise, we have decided to shift biostatistics only requests to the NC TRaCS mechanism: <https://tracs.unc.edu/index.php/services/biostatistics>. If you are using a database, making a database or have questions as to whether you need a biostatistician, you should continue to contact Paula Strassle and Charley Gaber through the [online service request form](#) for assistance.




Jen Jen
 Jen Jen Yeh MD
 Vice Chair for Research

Mentoring

We have received the majority of the signed mentee and mentor contracts. Thank you! Now is the time to make use of a functional mentee-mentor relationship. Mentees, contact your mentor(s) if you have questions or ideas. Mentors, make sure your mentees are on the correct path for success this academic year. Have a cup of coffee together, check in with each other and enjoy the beauty of fall in North Carolina.



Thanks,

 David W. Ollila, MD
 Director of Mentorship Program

Simulation Center



A formal curriculum for simulation has been created, and is presently being implemented. For residents I, II and III, Dr. Crowner has a curriculum that is a mix of procedures (suturing, anastomoses, central lines, upper and lower endoscopy) and lectures. Dr. Patti and Dr. Schlottmann will take residents IV and

V through advanced laparoscopic procedures (Nissen fundoplication, Heller myotomy, Sleeve gastrectomy, Roux-en-Y gastric bypass) using a perfused porcine tissue block that mimics perfectly the same procedures performed in live animals.

During the first week of September, we had a DaVinci Unit in the Simulation Center and Drs. Calvo, Sadiq, Duke, Overby, and Long trained residents II-V and CT residents. We plan to repeat such training every four months, and we are presently negotiating with Intuitive to have a unit permanently in the Center to be used for training.



Marco G. Patti

*Marco Patti, MD
Director,
Simulation Center*

Education

David A. Rogers, MD, MHPE was our guest at Residents as Teacher conference on September 15, 2017. Over 50 trainees and faculty attended the event, during which Dr. Rogers spoke about “Providing Educational Feedback” and “Leading in Teams.” Afterward, we enjoyed a reception at the Weathervane Restaurant. Thanks to Melainie Bolick for coordinating the event.



The Educators Research Group continues to meet the third Friday of every month at noon. Everyone is welcome to this forum, which is intended to foster

collaboration between groups looking to study any aspect of surgical education.

We continue to work on wellness for all our trainees and to ensure the quality of the learning and work environment. Next March, the department will sponsor a “Mindful Self-Compassion” course taught by Karen Bluth, PhD from the Integrative Medicine program at UNC. More information is forthcoming



T. Farrell

*Timothy Farrell, MD
Vice Chair of Education*

Advanced Practice Providers

Increasing demands on the healthcare system have led to a growing need for health care providers. This is true throughout healthcare, yet nowhere is this more evident than in critical care. In an environment with increasingly complex critically ill patients coupled with rapidly evolving technology, safety and continuity of care become crucial to patient outcomes. Working alongside our physician colleagues, appropriately trained Advanced Practice Providers (APPs) bring a central stability to intensive care. These providers remain in their respective units supporting patients, their families and the nursing staff as a constant.

Several critical care areas at UNC such as Neurology and Neonatology have already embraced the concept of the critical care APP team. The Department of Surgery is now joining this effort to improve patient outcomes. A few years ago, the CVT ICU began to use APPs to assist Intensivists in managing highly complex patients with positive results noted jointly by patients and staff. As our critically ill patient population grows, we have continued to assess the need to grow the number of APPs. In light of the success of the CVT ICU APP/Intensivist model, we are now considering the needs of other ICUs utilized by our Department. The Burn Service has had a long-standing successful APP team covering the acute burn patient population. However, historically this group did not cover patients within

the BICU. On evaluation of the present model, we have found that the BICU would greatly benefit from the adoption of the APP/Intensivist model. We have addressed this need by creating a BICU program and have now hired four APPs to initiate this effort.

The use of APPs in the ICU environment has countless benefits. For areas that use this model, there is always an APP present in the unit. The APP is able to continually assess patients allowing for earlier problem detection and subsequent treatment. There is a consistency within the unit which leads to expertise in that environment. This expertise allows the APPs to help in the education of fellows and residents, nurses, and students. And most importantly, the APP becomes the face of the ICU. They are the ones that the patients and/or families begin to know and trust, the ones who are there to comfort, educate, to celebrate positive outcomes, and provide support when nothing more can be done. We celebrate the role of the APP in critical care as they provide a center point, a coordinator for each of our patients, and for this, we in the Department of Surgery are grateful.



*Daniel Hendrix, MSN, ACNP-BC
Advance Practice Provider Manager*

Residents

As the calendar turns toward December, the residents have started to settle into a routine. The interns seem more comfortable in their roles and are starting to become more confident as they continue to gain clinical knowledge. The second and third year residents are making strides in the operating room, while the upper level residents have all embraced the role of chief of their respective services. The interns have given very positive feedback about the Thursday morning skills sessions, especially the airway management, knot tying and introduction to the robot sessions. The senior residents have been busy in the Simulation Center,

and the robotic pig lab arranged by Dr. Patti got rave reviews. The PGY4 and PGY5 residents are also eagerly anticipating an Advanced Surgical Skills for Exposure in Trauma (ASSET) course scheduled for early November. Applicant interviews have started, and the residents always look forward to the dinners hosted at a resident's house the night before. Jared Gallaher hosted the first dinner on November 16th.



*Jonathan A. Black, MD
PGY5*

Medical Students

Medical student engagement has continued to improve in this academic year and with each successive block, the medical students have expressed that their educational expectations on the surgery clerkship has been met if not exceeded. One of the mechanisms we put in place for our medical students is a Hard Stop time of 6 pm as to mirror student hours with that of the residents. This means that students can leave all clinical duties at 6 pm if they are not on call, no questions asked. If a student chooses to stay behind because of an interesting case or they are crucial to the clinical activity, that is allowed. Please be cognizant of this, as we continue to improve our medical student clerkship experience.



*Anthony G. Charles MD, MPH
Director, Medical Student Clerkship*

Program Director's Corner

We congratulate our most recent graduate, **Kristen Sell-Dottin, MD** as she begins her career in cardiac surgery at the University of Louisville. **Timothy Brand, MD** is our newest Chief Resident and is well underway to setting a high standard for our residents. We have also welcomed our newest member to our residency team, **Aurlie Merlo, MD** from Case Western Reserve University as she begins her journey in our Integrated Cardiothoracic Surgery Residency Program. It remains a busy time for us as we are entering into interview season. We have received well over 100 applications for our 1 cherished spot in the integrated cardiothoracic program. We continue to embark on various modalities for training our residents, including the Aortic Root Boot Camp and Cardiothoracic Simulations.



*Benjamin Haithcock, MD
Thoracic Surgery Residency Program
Director*

Womack Society

The Annual Womack Surgical Society meeting was held on June 16, 2017, in conjunction with the Department of Surgery's Research Day. Among the many highlights was the announcement of our Womack Scholar, Kristen Sell-Dottin, MD. Established in honor of Dr. Nathan Womack, the Womack Scholarship Award is given to an outstanding individual demonstrating qualities epitomized by Dr. Womack, such as excellence in teaching, investigation, and patient care, while also contributing to the residency and the Department by exemplifying the personal attributes and professional commitment that reflect credit on Surgery and its residency programs.



*Bruce A. Cairns, MD
President of the Womack Society*

CHIEF RESIDENTS FELLOWSHIP MATCH

 <p>Jonathan Black, MD Univ of Alabama, Birmingham (UAB) for Trauma/Critical Care</p>	 <p>Jared Gallaher, MD Oregon Health Sciences Univ (OHSU) for Trauma/Critical Care</p>	 <p>Mansi Shah, MD Univ of Kentucky for CT Surgery</p>
 <p>Jackie Carr, MD Mount Sinai for Surgical Oncology</p>	 <p>Paul Kiminsky, MD Florida Hospital in Orlando for Colorectal Surgery</p>	 <p>Richard Thompson, MD Univ of North Carolina for Minimally Invasive Spine Surgery (MIS)</p>
 <p>Tyler Ellis, MD Univ of Massachusetts for Colorectal Surgery</p>	 <p>Teddy Puzio, MD Indiana Univ for Trauma/Critical Care</p>	

HIGHLIGHTS



Anthony Charles, MD (Trauma) was selected as a new member of the Order of the Golden Fleece, UNC's oldest and highest honorary society. Dr. Charles is also the recipient of the 2017 Best Application Phase Rotation Award.



Melina Kibbe, MD (Chair) was inducted into the National Academy of Medicine. Election to the Academy is considered one of the highest honors in the fields of health and medicine and recognizes individuals who have demonstrated outstanding professional achievement and commitment to service. **Dr. Kibbe, JAMA Surgery Editor-in-Chief**, also co-authored the JAMA Network editorial "Death by Gun Violence: A Public Health Crisis."



Scott Hultman, MD (Plastics) was named Vice President of Academic Affairs & Reconstructive Surgery for the American Society of Plastic Surgeons (ASPS). He has also been appointed to the Board of Directors for the Fresh Start Caring for Kids Foundation, an organization that transforms the lives of disadvantaged infants, children and teens with physical deformities through the gift of reconstructive surgery and related medical care. Dr. Hultman delivered the UNC Kenan-Flagler Business School's commencement address on October 29, 2017. He also traveled to Shanghai, China on November 3-5, 2017 as a visiting professor and keynote speaker for the Inaugural Congress of Asia-Pacific Scar Society where he delivered the presentation "Shine On: Laser Resurfacing and Remodeling of Hypertrophic Burn Scars."



Sean McLean, MD (Ped Surg) has been appointed as the Director of the UNC Intensive Integration Curriculum. Dr. McLean was also recognized for his clinical excellence and listed in Savoy Magazine as one of the “Nation’s Top African American Doctors.”

Additionally, he was honored by the Auxillary of the Durham Academy of Medicine in recognition of his service to humanity.



Jason Crowner, MD (Vascular), Rebecca Brown, MD (PGY4), and Joanna Grudziak MD, (PGY4) were

recognized by the interdisciplinary committee as CLABSI (Central Line-Associated Blood Stream Infection) Prevention Heroes for their leadership in the Central Line Insertion Course for interns.



Daryhl Johnson, MD (Trauma) was elected as the 2017-2018 Chair of the Faculty Athletic Committee. Dr. Johnson also spoke at the 13th Annual Southeastern Safety and Security Healthcare Council Conference in Myrtle Beach, SC held on August 27-30, 2017.

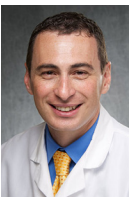


Jen Jen Yeh, MD (Surg Onc) was a guest speaker at the Gigi Shaw Arledge Conference on Pancreatic Disease at New York-Presbyterian/Columbia University. This conference is where top research scientists and doctors assemble to help the field advance

towards prevention and cure.



Lynn Damitz, MD (Plastics) has been named as a National Representative for the American Society of Plastic Surgeons (ASPS).



Luigi Pascarella, MD (Vascular) has been appointed as the Surgery MS4 Director. Dr. Pascarella will oversee the 4th year medical students who participate in surgery rotations as a part of the Individualization Phase of the Translational Education at Carolina (TEC)

Curriculum.



Anthony Meyer, MD (Trauma) was elected to serve as First Vice President of the Southern Surgical Association. Dr. Meyer will preside over the first scientific session and introduce the Southern Surgical Association President at the Presidential Address during the 129th Annual Meeting in December in Hot Springs, VA.



Stephanie Lumpkin, MD (PGY4) was elected to the Association for Academic Surgery’s (AAS) Clinical and Health Services Research Committee. The Committee

addresses issues related to developing the outcomes research components of the AAS including, but not limited to, the Association’s annual meeting, educational courses, and awards. Dr. Lumpkin is currently working on two years of mentored health services research with **Karyn Stitzenberg, MD (Surg Onc)**.



Anna Pavlov, MD (Plastics PGY3), Mihaela Rapolti, MD (Plastics PGY4), and Shuting Zhong, MD

(Plastics PGY2), presented research projects at the American Society of Plastic Surgeons meeting in Orlando, FL on October 6-10 2017.



An article by **Tomasz Kozlowski, MD (Transplant)** entitled “Liver Allograft Antibody-Mediated Rejection With Demonstration of Sinusoidal C4d Staining and Circulating Donor-Specific Antibodies” has been indexed by the Web of Science and was ranked in the top 1% (344 out of 52,101) among articles in the category Gastroenterology Hepatology.



Ernest Grant, PhD, RN, FAAN (Burn) assisted with the Advanced Burn Life Support training at Camp Lejeune for a contingent of marines deploying to Afghanistan.

UNC Kidney Transplant Program Facilitates Multiple Living Donor Transplants via National Exchange Program.

The UNC Transplant Program joined the National Kidney Registry (NKR) in 2016, and participated in its first multi-center living donor kidney exchange in May of 2017. Since May, UNC has now facilitated living donor kidney transplants through NKR for four additional patients with incompatible donors. Before the advent of exchange programs, these patients spent years on hemodialysis as they waited for transplants from deceased donors. Two of the UNC donors are altruistic donors who initiated long chains of donor and recipient pairings, enabling multiple more kidney transplants to be performed nationally. The UNC Center for Transplant Care is the first kidney transplant center in the state of North Carolina to participate in this national paired kidney exchange program.

UNC Gastrointestinal Surgery Recognized as High-Performing in Latest US News & World Report Ratings

In the latest Best Hospital ratings, released August 8th by U.S. News & World Report, UNC Hospitals is ranked as the #3 overall hospital in North Carolina and nationally ranked or recognized as high performing (among the top 10 percent), with **GI Surgery** ranked #30.



TAVR team at work



From Left to Right: Matthew Cavender, MD; Cassie Ramm, MSN; John Vavalle, MD; Tabitha Linville, BSN; Thomas Caranasos, MD

TAVR Team Treats First Tricuspid Valve Using Transcatheter Therapy

The Transcatheter Aortic Valve Replacement (TAVR) team recently treated the first tricuspid valve using transcatheter therapy. This partnership includes **Thomas Caranasos, MD (CT)**, John Vavalle, MD, Matthew Cavender, MD, and Cassie Ramm, MSN. The team placed an Edwards SAPIEN Transcatheter Heart Valve made for the aortic valve, in the tricuspid valve position. The procedure was performed on a patient who received a heart transplant at UNC 10 years ago and a tricuspid valve surgery a few years following. After learning of the patient's need for a tricuspid valve replacement, the TAVR team put together a plan and successfully treated the tricuspid valve, which is a first at UNC. There is very little world-wide experience with this approach.

Endovascular Therapies Conference Dedicated to Dr. Blair Keagy



*Endovascular Therapies Conference Dedicated to Blair Keagy, MD
(Blair Keagy, MD and former fellows)*

The Endovascular Therapies Conference was held on Oct 27 - 29, 2017 at Carolina Hotel, in Pinehurst, NC. The conference provided an update on the most useful developments in endovascular therapies encountered by surgical specialist, radiologists, and other health care professionals who treat vascular disease. Guest speaker **Mark Farber, MD** began with a presentation in recognition of **Blair Keagy, MD** for his outstanding efforts to advance the field of vascular health, along with his leadership and commitment to physician education. Other presenters from UNC's Division of Vascular Surgery included **Luigi PASCARELLA, MD, Howard**

Kashefsky, MD, Corey Kalbaugh, PhD, Jennifer Belgum, NP, Katharine McGinagle, MD, Thomas Caranasos, MD, Ioana Antonescu, MD, William Marston, MD, Jason Crowner, MD and Melina Kibbe, MD. Guest speakers provided educational sessions that focused on the benefits and risks involved with the management and treatment of patients with arterial and venous disorders, the importance of advanced endovascular treatment and screening of patients with aortic aneurysms, dissections, and aorto-iliac occlusive disease. Many of Dr. Keagy's former fellows also attended the conference in his honor.

AWARDS



The Committee on Faculty Research and Scholarly Leaves and the Department of Surgery selected **Sean McLean, MD (Ped Surg)** as the recipient for the **Junior Faculty Development Award**.



Felicia Williams, MD (Burn) received the **Association of American Medical Colleges (AAMC) Minority Faculty Leadership Development Award** from the Office of Inclusive Excellence. She was also inducted as a Fellow in the American College of Surgeons.



Setting.

Jared Gallaher, MD (PGY7) presented at the American College of Surgeons (ACS) Joint Annual Meeting and won “Best Overall Paper for NC and SC” for his paper *The Malawi Trauma Score: A Model for Predicting Trauma-Associated Mortality in a Resource-Poor*



Cheysaliz Pérez and Emily Valentín (Bahnsen Lab) received a **full travel award** to present their research at the

Annual Biomedical Research Conference for Minority Students on November 1-4, 2017 in Phoenix, AZ. Cheysaliz and Emily are undergraduate students from the University of Puerto Rico who contributed greatly to the Bahnsen Lab during the summer by working on the synthesis of nanoparticles to deliver therapies for the vasculature under the mentorship of **Edward Bahnsen, PhD (Vascular)**.



Roberto Mota, MD (Bahnsen Lab) received a **full travel award** to present his research at the National Diversity in STEM Conference held October 19-21, 2017 in Salt Lake City, UT. This is the largest Diversity in STEM conference in the country with over 4,000 attendees, and it is organized by the Society for Advancement of Chicanos/Hispanic and Native Americans in Science (SACNAS).

NEW FACULTY



Alessandro Fichera, MD
Chief, Division of Gastrointestinal Surgery

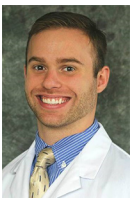
Alessandro Fichera, MD received his medical degree from Catholic University of Rome, Italy in 1989 as a *Magna cum Laude* graduate and completed his internship and residency in general surgery at the 2nd University of Rome and then again at the University of Chicago followed by fellowship training in colorectal surgery at Mt. Sinai in New York. He accepted an Assistant Professor position the University of Chicago in 2002 and became the Program Director for the Colon and Rectal Surgery Residency Training Program. In

2012, Dr. Fichera accepted a position as Professor at the University of Washington. In 2014, Dr. Fichera was named Section Chief of Gastrointestinal Surgery and in 2015 he became the Clinical Director for the Gastrointestinal Oncology Program for the Seattle Cancer Care Alliance and Associate Medical Director for Colorectal, Surgical Care and Outcomes Assessment Program as part of the Foundation for Health Care Quality. Dr. Fichera joined our Division of Gastrointestinal Surgery on November 1, 2017 as the Chief of the Division of GI Surgery.

NEW STAFF



Shannon Reavis, BA (Development) was hired as the Director of Development on October 9, 2017. Prior to joining our department, Shannon was the Director of Principal Gifts at Children's National Health System in Washington, DC where her partnership with major gifts officers, faculty, and hospital administration developed proposals resulting in \$58 million to support patient care initiatives and scientific research. Shannon's development experience also includes major and annual gifts, philanthropic communications, and stewardship, working for Wake Forest University School of Medicine, the National Academies, Catholic Charities-DC, and Georgetown University Medical School.



Eli Maxwell, MHS, PA-C (APP) joined the Burn ICU Service as an Advanced Practice Provider. He completed his Master in Health Science in Physician Assistant Studies from South College in Knoxville Tennessee.

Alexandra Miller, MPAP, PA (APP) was hired as an Advanced Practice Provider for the Burn ICU Service. She completed her Master of Health Science in Physician Assistant Practice at Campbell University.



Tashianna Stockton, MSPAP, PA (APP) joined the Burn ICU Service as an Advanced Practice Provider. She completed her Master of Science in Physician Assistant Practice at King's College in Wilkes-Barre, PA.

Kelly Codogan, NP (APP) has joined the division of Surgical Oncology as an Advanced Practice Provider in the clinical setting. She will be working in the Cancer hospital – Surgical Oncology clinics. She finished her NP program at UNC this year and holds a bachelors in nursing from Brigham Young University.

Kayla Tremblay, PA-C (APP) was recently hired to work with as part of the new team in the Burn ICU. She will join Eli, Tashianna and Alexandra in building a new program of Advanced Practice Provider led patient care team. Kayla is a graduate of the Duke PA school after doing her undergraduate work at Emmanuel College in Boston, MA.



Eric Butteris, MHS, PA-C (APP) was hired as an Advanced Practice Provider for the CT Surgery Service. Eric completed his Master of Health Science in Physician Assistant Studies at the Duke University in August of 2017.



Patience Graham, CMA (Plastics) was hired as a Certified Medical Assistant for the Division of Plastic Surgery on November 5, 2017. Prior to joining Surgery, Patience worked for Piedmont Health Services in Burlington, NC.



Bryan Lunsford, RN (Plastics-ALBC) joined the Division of Plastic Surgery as a Registered Nurse in August 2017.



Megan McAlister, MSN, ACNP-C (APP) was hired as an Advanced Practice Provider for the Trauma Service.



Maddie Bevitt (Human Resources) was hired as the new Human Resources Consultant. She graduated from Illinois State University with a Bachelors degree in Human Resources Management, and has seven years of HR experience in the healthcare industry, in both non profit and for profit organizations.

STAFF CONNECTION

ANNOUNCEMENTS



Joellen Buckio (Staff-Administration) was selected by the vote of her peers to present her poster, “Establishing and Maintaining an Exceptional Faculty Development Program during the Association of Academic Surgical Administrators annual meeting in San Diego.

Her presentation described the transition of the Department of Surgery’s faculty development program, explaining the process, impact and goals of a great faculty program. **David Ollila (Surgical Oncology)** and **Jana Ross (Admin-HR)** were co-authors.



Debbie Alberti (Staff-Vascular) will retire from the UNC Medical Center on December 1, 2017. Please join us in honoring Debbie for 38 years of service and the many contributions she has made to the Department of Surgery. We wish her a wonderful retirement.



Shree Parker (Staff-Administration) completed the Hiring for Excellence (HFE) training on August 10, 2017. This Interviewer Training requires completion of 2 Learning Made Simple (LMS) modules and 1 online Skills Lab to take the course for certification.



Meghan Kraft, MBA (Staff-Finance) completed the Lean Six Sigma Yellow-Belt training on November 1, 2017. Lean Six Sigma is a methodology to improve how we lead, teach and care for patients at UNC.



Orna Manison, BBM (Staff-Administration) and **Jesse Clement (Staff-Trauma)** coordinated the Qgenda and WebExchange Online Directory training for the Administrative

Staff. Jesse led the staff in a training session on October 25, 2017 where she provided information on the scheduling software’s various features along with a step-by-step demo.



Sherito Smith, BHA (Staff-Plastics) will graduate from the Emerging Leader Academy Program on December 12, 2017. The intensive certification program introduces emerging leaders to essential management skills, and provides mentoring and exposure to executives through role shadowing. Sherito also completed the Dealing with Differences training in September. She is a new member on the UNC Health Care Diversity Training Team and will co-facilitate the Dealing with Differences Workshop.

PROFESSIONAL DEVELOPMENT RESOURCES

Tuition Waiver Program

- UNC-Chapel Hill employees are eligible to receive a tuition waiver for three courses per academic year. See the [Tuition Waiver Program site for information](#)

Lean Six Sigma Training

- Lean Six Sigma Training is provided by the UNC Medical Center’s Department of Operational Efficiency.

Yellow Belt Training Calendar
Frequency: 1-2 times a month
Duration: 1 day
DATES

- TUE 12/19/17
- MON 01/08/18
- WED 01/10/18

Skillsoft e-Learning Library

- Skillsoft e-Learning Library is available for UNC Health Care employees through Learning Made Simple (LMS) Skillsoft is a continuing development resource that includes more than 7,000 online courses, 65,000 videos and 46,000 books on various business and IT topics

ConnectCarolina Training

- ConnectCarolina training sessions on the financial systems used at UNC-Chapel Hill, including FRS, PR-Assist, Check Requests, and Travel is available to staff. To view the training schedule and register for a class visit [HERE](#).

ALUMNI NEWS



Gilbert Upchurch, Jr, MD (1991) was recently named Chair for the Department of Surgery at the University of Florida, College of Medicine. Prior to joining the University of Florida, Dr. Upchurch served as the chief of vascular and endovascular surgery in the department of surgery and as the medical director of the Heart and Vascular Center at the University of Virginia Medical Center in Charlottesville, VA. He was also the William H. Muller Jr. professor of surgery, as well as a professor in the department of molecular physiology and biological physics.



Raeshell Sweeting, MD (2015) was named a Hero of Medicine in Savoy Magazine's July edition which honored the nation's Top Influential African-American Doctors in 2017. She is an Assistant Professor of Surgery at Vanderbilt University Medical Center, where she focuses on breast cancer care as the Associate Program Director of the Breast Surgical Oncology Fellowship and also serves as a core faculty member on the Surgical Education committee in Nashville, TN.



Sumeet Teotia, MD (2005) is the Director of Breast Reconstruction at the University of Texas Southwestern Medical Center, and **Stephanie Teotia, MD (2012)** is a Plastic and Reconstructive Surgeon in private practice at Baylor University. The Teotias are proud to announce the arrival of their son, Aiden Nicholas Teotia, born on August 13, 2017 in Dallas, TX.

Have alumni news to share for the quarterly newsletter? Contact neka_alston@med.unc.edu



Durham Bulls Game August 2017

REFLECTIONS

A Season of Transition



By David Gerber, MD
Vice Chair of Clinical Affairs,
Department of Surgery

To begin this episode of reflective commentary, I would be remiss if I didn't acknowledge the tragic events that have occurred over the last several months. Whether it be the incomprehensible events in Las Vegas, the insensitive hateful expressions of prejudice demonstrated in Charlottesville, the environmental catastrophes of Hurricanes Harvey, Irma and Maria, or the massive earthquake in Mexico. This has been an intense period of time that has impacted all of us. Yet even in these moments of strife where many of us are left with more questions than answers, I would like to pivot to other activities associated with this time of year and our Department of Surgery.

When you live and work in a dynamic academic environment like UNC, the Fall season is a recurring time of transition with its main undergraduate campus located adjacent to a diverse Health Affairs campus and its numerous graduate schools in medicine, public health, pharmacy, nursing and social work. Located in a classic college town environment, UNC remains a living entity even throughout the summer months when the student body presence on the main campus dwindles. During this period of time between the Spring and Fall Semesters we see an uptick in energy from the numerous students who are working or volunteering throughout the Department of Surgery and the School of Medicine. Their ambitions take them to new experiences in basic and clinical research and other patient related-activities. Finally, as the summer period comes to an end, these students return to their regular activities and our medical students, residents and faculty prepare for their own new experiences and responsibilities.

Within the Department of Surgery our faculty, staff and residents mark this transitional time with the arrival of the most recent group of medical school graduates. These professionals are transitioning to life as a physician/intern and our current residents are progressing into new roles with more responsibility; leaving positions which they mastered throughout the prior year. Now three months into their transition, the interns are starting to become

more comfortable with the key steps of patient assessment and diagnosis along with understanding how to engage the various resources throughout the healthcare system, while also identifying the food areas that are open late at night (e.g. Starbucks). Between managing patients on the hospital wards, the operating room and clinics, they are starting to develop foundations which will help them throughout their medical careers. Simultaneously our junior and senior residents are progressing as teachers for the interns and the groups of medical students who are rotating on our panoply of clinical services. A separate cohort of residents have just entered their non-clinical research years and this is balanced by those residents who are returning to their clinical rotations after a couple of years pursuing various research endeavors. Needless to say, we are witnessing a tremendous movement of individuals with the associated unknowns and angst that come with these career changes.

Along with this active transition among the residents, our faculty (some new to UNC and others who have been here for a number of years) are re-energized from their summer holidays and beginning to engage in the upcoming year's academic activities. This involves our active roles in numerous regional and national societies/organizations and their respective annual meetings. October heralds the color changes in our natural environment and the annual meeting of the American College of Surgeons with many faculty members busy mentoring students and residents with presentations, manuscript submissions and the pursuit of research endeavors that complement our clinical work.

In conclusion, while Fall is a season of transition in academics, it is also an opportune time to look back on the past year. Of significance during the past academic year we welcomed our new Chair, Dr. Kibbe, in addition to many faculty members at various ranks whom represent a breadth of clinical disciplines. This collective of our faculty, new and established, is helping to define today's UNC Department of Surgery. Along with the integration of the new faculty, departmental traditions have been rekindled or updated as we respectfully reflect on the accomplishments and history within the Department and its many decades of existence.

SURGERY GRAND ROUNDS

Wednesdays 7:15-8:15 AM at the 4th Floor Clinic Auditorium

11/29/17

Visiting Professor

William Schecter, MD

John Stackhouse Lectureship

Professor, General Surgery

University of California, San Francisco

12/6/17

No Grand Rounds

12/13/17

Visiting Professor

David Geller, MD

Peter Starek Lectureship

Professor, General Surgery

University of Pittsburgh School of
Medicine

Director, UPMC Liver Cancer Center

12/20/17

Faculty Presentation

Samuel Jones, MD

Director, NC Jaycee Burn Center

Associate Professor, UNC Burn

Surgery

12/27/17

Winter Holiday

1/3/18

Faculty Presentation

Timothy Farrell, MD

Vice Chair for Education, UNC

Department of Surgery

AnnaMarie Connolly, MD

Vice Chair for Education & Director,

UNC Department of Obstetrics &
Gynecology

1/10/18

Faculty Presentation

John Ikonomidis, MD

Chief, UNC Cardiothoracic Surgery

1/17/18

Faculty Meeting

Melina Kibbe, MD

Chair, UNC Department of Surgery

1/24/18

Visiting Professor

Monica Morrow, MD

James F. Newsome, M.D.

Lectureship

Chief, Breast Surgical Service

Memorial Sloan Kettering Cancer
Center



SAVE THE DATE
Department of Surgery Holiday Brunch
Saturday, December 9, 2017
9:00 AM – 11:00 AM
at the Carolina Club



COMING SOON

RESEARCH

Abstract Deadlines

2018 Digestive Disease Week (DDW)

June 2-5, 2018 (Walter E. Washington Convention Center, Washington, DC)

Abstract Deadline: December 1, 2017

More information available [here](#).

2018 Annual Meeting of American Association for the Surgery of Trauma and Clinical Congress of Acute Care Surgery

September 26-29, 2018 (Manchester Grand Hyatt, San Diego, CA)

Abstract Deadline: Opens January 1, 2018

More information available [here](#).

2018 Academy Health's Annual Research Meeting (ARM)

June 24-26, 2018 (Seattle, WA)

Abstract Deadline: Mid-January 2018

More information available [here](#).

2018 American Society of Clinical Oncology (ASCO)

June 1-5, 2018 (McCormick Place, Chicago, IL)

Abstract Deadline: February 13, 2018

More information available [here](#).

2018 Congress of the International Society for Burns Injuries

November 30-December 4, 2018 (The Leela Ambience Convention Hotel, New Delhi, India)

Abstract Deadline: March 31, 2018

More information available [here](#).

Grant Opportunities

Plastic Surgery Foundation -National Endowment for Plastic Surgery Grant

Application Deadline: December 1, 2017

Anticipated Award Start Date: July 1, 2018

Award Amount: Up to \$50,000 for projects up to 2 years

More information available [here](#).

Plastic Surgery Foundation - PSF Translational Research Grant

Application Deadline: December 1, 2017

Anticipated Award Start Date: July 1, 2018

Award Amount: Up to \$50,000 for up to 12 months

More information available [here](#).

American Heart Association Career Development Award

Application Deadline: December 4, 2017

Award Amount: Up to \$77,000 per year for 3 years

Anticipated Award Start Date: July 1, 2018

More information available [here](#).

UNC Center for Faculty Excellence - Research Communication Grants

Application Deadline: December 11, 2017

Award Amount: For publication grants – up to \$5,000, for presentation grants – up to \$2,500

More information available [here](#).

Caregivers at Carolina

Application Deadline: December 14, 2017

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

More information, please contact [Erica Nouri](#).

NC TRaCS Pilot Awards for Translational Research

Application Deadline: February 2018 is the next deadline for three NC TraCS Pilot award programs:

- **[\\$5-50K Translational Research Matched Pilot Grants](#)**
- **[Drugs, Devices and Diagnostics Development \(4D\) Pilot Grants](#)**
- **[Translational Science Methods and Process Awards \(TSMPA\)](#)**

For more information about these pilot grant mechanisms, please contact [Paul Kerr](#) or [Mary Beth Cassely](#).

NC TraCS \$2K Grant Awards

Application Deadline (s): December 19, 2017 and January 16, 2018.

Award Amount: \$2,000

More information available [here](#).

Research Resources

CDW-H Office Hours

The Carolina Data Warehouse for Health (CDW-H) team hosts office hours twice per month (the first Wednesday and third Thursday). No appointment necessary.

Next Dates: December 6 and 21, 1:00 PM - 5:00 PM, Brinkhous-Bullitt 218

Research Support

Grant Services

Michelle Collins, MPA, our Research Administrator, provides support for all areas of proposal development and will be your main contact for all things relating to pre-award research. Please contact Michelle as soon as you think about applying for a grant. She will help you with developing your budget, compiling the appropriate documentation for your proposal, and routing your grant for submission. Please remember external grants must be routed and submitted to the university 7-days before the due date! Request Michelle's assistance using the **online service request form**.

Database Management

Paula Strassle, MSPH and **Charley Gaber, MPH** are our Database Managers. They provide assistance for data collection and 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. They are also in charge of the NIS, NSQUIP, and SEER **databases**. They can also point you to other databases that may be of assistance. Please contact them BEFORE you start any project involving data. Request their assistance using the **online service request form**.

Industry Sponsored Clinical Trials

Debbie Sanabria, BBA, is the Pre-Award Manager for the Department's industry sponsored clinical trials. Please contact Debbie as soon as you think about applying for clinical trial support. She will help you with budget development, compiling the appropriate documentation for your trial, and determining the next steps for coordination with the Office of Clinical Trials, the sponsor, and administration. Please remember clinical trials must be routed and submitted to the university 7-days before the due date! Request Debbie's assistance using the **online 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 and residents. Biostatistics support can be requested through the NC TRaCS **online mechanism**. If you are using a database, making 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**.

NEW PUBLICATIONS

Publications from PubMed from July - September 2017

BURN

Knowlin L (Burn-Fellow), Reid T (Trauma), Williams FN (Burn), Cairns BA (Burn), Charles AG (Trauma). Burn mortality in patients with preexisting cardiovascular disease. *Burns*. 2017 Aug;43(5):949-955.

Lachiewicz AM, **Williams FN (Burn)**, Carson SS, Trexler JM, **Nielsen CA (Burn)**, van Duin D, Weber DJ, Williams SD, **Jones SW (Burn), Cairns BA (Burn)**. Improving Research Enrollment of Severe Burn Patients. *J Burn Care Res*. 2017 Sep/Oct;38(5):e807-e813.

Eitas TK, **Stepp W (Burn-Fellow)**, Sjeklocha L, Long C, Riley C, Callahan J, Sanchez Y, Gough P, **Knowlin L (Burn-Fellow)**, van Duin D, **Ortiz-Pujols S (Burn-Alumni), Jones S (Burn), Maile R (Burn)**, Hong Z, Berger S, **Cairns BA (Burn)**. Differential regulation of innate immune cytokine production through pharmacological activation of Nuclear Factor-Erythroid-2-Related Factor 2 (NRF2) in burn patient immune cells and monocytes. *PLoS One*. 2017 Sep 8;12(9):e0184164.

Mauck MC, Smith J, Shupp JW, Weaver MA, Liu A, Bortsov AV, Lateef B, **Jones SW (Burn), Williams F (Burn)**, Hwang J, Karlnoski R, Smith DJ, **Cairns BA (Burn)**, McLean SA. Pain and itch outcome trajectories differ among European American and African American survivors of major thermal burn injury. *Pain*. 2017 Aug 8.

Tyson AF, **Gallaher JR (PGY5)**, Mjuweni S, **Cairns BA (Burn), Charles AG (Trauma)**. The effect of seasonality on burn incidence, severity and outcome in Central Malawi. *Burns*. 2017 Aug;43(5):1078-1082.

Cancio LC, Barillo DJ, Kearns RD, Holmes JH 4th, Conlon KM, Matherly AF, **Cairns BA (Burn)**, Hickerson WL, Palmieri T. Guidelines for Burn Care Under Austere Conditions: Surgical and Nonsurgical Wound Management. *J Burn Care Res*. 2017 Jul/Aug;38(4):203-214.

Williams FN (Burn), Herndon DN. Metabolic and Endocrine Considerations After Burn Injury. *Clin Plast Surg*. 2017 Jul;44(3):541-553.

Jones SW (Burn), Williams FN (Burn), Cairns BA (Burn), Cartotto R. Inhalation Injury: Pathophysiology, Diagnosis, and Treatment. *Clin Plast Surg*. 2017 Jul;44(3):505-511.

Mauck MC, Smith J, Liu AY, **Jones SW (Burn)**, Shupp JW, Villard MA, **Williams FN (Burn)**, Hwang J, Karlnoski R, Smith DJ, **Cairns BA (Burn)**, Kessler RC, McLean SA. Chronic Pain and Itch are Common, Morbid Sequelae Among Individuals Who Receive Tissue Autograft After Major Thermal Burn Injury. *Clin J Pain*. 2017 Jul;33(7):627-634.

CARDIOTHORACIC (CT)

Tang J, Cui X, **Caranasos TG (CT)**, Hensley MT, Vandergriff AC, Hartanto Y, Shen D, Zhang H, Zhang J, Cheng K. Heart Repair Using Nanogel-Encapsulated Human Cardiac Stem Cells in Mice and Pigs with Myocardial Infarction. *ACS Nano*. 2017 Sep 20.

Egan TM (CT), Blackwell J, Birchard K, **Haithcock B (CT), Long J (CT)**, Gazda S, Casey N, Thys C. Assessment of Lungs for Transplant Recovered from Uncontrolled Donation after Circulatory Determination of Death Donors. *Ann Am Thorac Soc*. 2017 Sep;14(Supplement_3):S251.

Egan TM (CT). Cardiac Risk Score - Halfway there. *Transplantation*. 2017 Sep 6.

Hasan A, Kolahdouz EM, Enquobahrie A, **Caranasos TG (CT)**, Vavalle JP, Griffith BE. Image-based immersed boundary model of the aortic root. *Med Eng Phys*. 2017 Sep;47:72-84.

Egan TM (CT). Imitation is the Sincerest Form of Flattery. *Dtsch Arztebl Int*. 2017 Aug 7;114(31-32):543.

Arora S, **Strassle PD (Database)**, Ramm CJ, Rhodes JA, Vaidya SR, **Caranasos TG (CT)**, Vavalle JP. Transcatheter Versus Surgical Aortic Valve Replacement in Patients With Lower Surgical Risk Scores: A Systematic Review and Meta-Analysis of Early Outcomes. *Heart Lung Circ*. 2017 Aug;26(8):840-845.

Smeltz AM, **Caranasos TG (CT)**, Teeter EG. BioGlue-Associated Loss of Aortic Valve Leaflet Motility Sonographically Masked by Both Newly Replaced Mechanical Aortic and Mitral Valves. *Semin Cardiothorac Vasc Anesth*. 2017 Aug 1:1089253217725889.

GASTROINTESTINAL (GI)

Schlottmann F (GI-Fellow), Strassle PD (Database), Patti MG (GI). Transhiatal vs. Transthoracic Esophagectomy: A NSQIP Analysis of Postoperative Outcomes and Risk Factors for Morbidity. *J Gastrointest Surg.* 2017 Sep 12.

Ghaderi I, Fu M, Schwarz E, **Farrell TM (GI)**, Paige J; SAGES Continuing Education Committee. SAGES framework for Continuing Professional Development (CPD) courses for practicing surgeons: the new SAGES course endorsement system. *Surg Endosc.* 2017 Sep 22.

Schlottmann F (GI-Fellow), Patti MG (GI). Novel simulator for robotic surgery. *J Robot Surg.* 2017 Aug 31.

Schlottmann F (GI-Fellow), Patti MG (GI). Evaluation of Gastric Conduit Perfusion During Esophagectomy with Indocyanine Green Fluorescence Imaging. *J Laparoendosc Adv Surg Tech A.* 2017 Aug 17.

Schlottmann F (GI-Fellow), Patti MG (GI). Current Concepts in Treatment of Barrett's Esophagus With and Without Dysplasia. *J Gastrointest Surg.* 2017 Aug;21(8):1354-1360.

Ghaderi I, Harris I, Park YS, Ott M, Juul D, **Farrell TM (GI).** Response to "An Addition to the Technical Skills Assessment Toolbox". *Ann Surg.* 2017 Aug;266(2):e37.

Schlottmann F (GI-Fellow), Patti MG (GI), Shaheen NJ. Endoscopic Treatment of High-Grade Dysplasia and Early Esophageal Cancer. *World J Surg.* 2017 Jul;41(7):1705-1711.

Patti MG (GI), Shaheen NJ. ISS Symposium From Heartburn to Barrett's Esophagus, and Beyond. *World J Surg.* 2017 Jul;41(7):1665.

Allaix ME, Rebecchi F, Morino M, **Schlottmann F (GI-Fellow), Patti MG (GI).** Gastroesophageal Reflux and Idiopathic Pulmonary Fibrosis. *World J Surg.* 2017 Jul;41(7):1691-1697.

Schlottmann F (GI-Fellow), Patti MG (GI), Shaheen NJ. From Heartburn to Barrett's Esophagus, and Beyond. *World J Surg.* 2017 Jul;41(7):1698-1704.

Schlottmann F (GI-Fellow), Herbella FA, Allaix ME, Rebecchi F, Patti MG (GI). Surgical Treatment of Gastroesophageal Reflux Disease. *World J Surg.* 2017 Jul;41(7):1685-1690.

PEDIATRIC SURGERY

Shah M (PGY7), Gallaher J (PGY7), Msiska N, McLean SE (Ped Surg), Charles AG (Trauma). Colostomy as a Bridge to Definitive Pediatric Surgical Care: A Sub-Saharan African Experience. *Am Surg.* 2017 Sep 1;83(9):367-369.

Brown RF (PGY6), Erickson KM (Ped Surg). Large Gap Congenital Pyloric Atresia with Meconium Peritonitis: When Gastrojejunostomy Is the Best Option. *Am Surg.* 2017 Sep 1;83(9):362-363.

PLASTICS

Hultman CS (Plastics), Neumeister MW, co-editors. *Burn Care, Part 1: Rescue, Resuscitation, Resurfacing, Clinics in Plastic Surgery.* Amsterdam: Elsevier Saunders; 26 chapters, 253 pages, July 2017.

Hultman CS (Plastics), Neumeister MW. Volume 1: *Rescue, Resuscitation, and Resurfacing.* *Clin Plast Surg.* 2017 Jul;44(3):xv.

Collier ZJ, **Roughton MC (Plastics), Gottlieb LJ.** Negligent and Inflicted Burns in Children. *Clin Plast Surg.* 2017 Jul;44(3):467-477.

Hermiz SJ, **Kalliainen LK (Plastics).** Evidence-Based Medicine: Current Evidence in the Diagnosis and Management of Carpal Tunnel Syndrome. *Plast Reconstr Surg.* 2017 Jul;140(1):120e-129e.

Kearns RD, Marcozzi DE, Barry N, Rubinson L, **Hultman CS (Plastics), Rich PB.** Disaster Preparedness and Response for the Burn Mass Casualty Incident in the Twenty-first Century. *Clin Plast Surg.* 2017 Jul;44(3):441-449.

Obeid S, Fanning A, **Hultman CS (Plastics).** Diversity and inclusion in plastic surgery education: the ACAPS national survey of knowledge, attitudes, and behaviors in program directors and program coordinators. *Plast Reconstr Surg Global Open* 2017;5:e1469.

Hultman CS (Plastics). Business Principles for Plastic Surgeons. In *Plastic Surgery, 4th Edition, Volume 1: Principles.* Editors: Neligan P and Gurtner G. Elsevier 2017: 42-64.

Diegidio P (Plastics-PGY5), Hultman CS (Plastics). Clinical Scar Research: Quantitative and Qualitative Assessment of Hypertrophic Burn Scars. In *The Scar Book: Formation, Mitigation, Rehabilitation, and Prevention*. Editors: Krakowski AC, Shumaker, PR. Wolters Kluwer Health 2017: 369-381.

Shunsuke Y (Alumni), Hultman CS (Plastics). Laser therapy for hypertrophic scars and keloids. In *UpToDate*. Wolters Kluwer Health 2017.

SURGICAL ONCOLOGY

Giuliano AE, Ballman KV, McCall L, Beitsch PD, Brennan MB, Kelemen PR, **Ollila DW (Surg Onc)**, Hansen NM, Whitworth PW, Blumencranz PW, Leitch AM, Saha S, Hunt KK, Morrow M. Effect of Axillary Dissection vs No Axillary Dissection on 10-Year Overall Survival Among Women With Invasive Breast Cancer and Sentinel Node Metastasis: The ACOSOG Z0011 (Alliance) Randomized Clinical Trial. *JAMA*. 2017 Sep 12;318(10):918-926.

Laks S (Alumni), Meyers MO (Surg Onc), Deal AM, Frank JS, **Stitzenberg KB (Surg Onc), Yeh JJ (Surg Onc)**, Thomas NE, **Ollila DW (Surg Onc)**. Tumor Mitotic Rate and Association with Recurrence in Sentinel Lymph Node Negative Stage II Melanoma Patients. *Am Surg*. 2017 Sep 1;83(9):972-978.

Anderson M, Marayati R, Moffitt R, **Yeh JJ (Surg Onc)**. Hexokinase 2 promotes tumor growth and metastasis by regulating lactate production in pancreatic cancer. *Oncotarget*. eCollection 2017 Aug 22.

Mancino AT, **Kim L (Surg Onc)**. **Management of Differentiated Thyroid Cancer. Springer International Publishing. 2017.**

Thomas NE, Edmiston SN, Kanetsky PA, Busam KJ, Krickler A, Armstrong BK, Cust AE, Anton-Culver H, Gruber SB, Luo L, Orlow I, Reiner AS, Gallagher RP, Zanetti R, Rosso S, Sacchetto L, Dwyer T, Parrish EA, Hao H, Gibbs DC, Frank JS, **Ollila DW (Surg Onc)**, Begg CB, Berwick M, Conway K; GEM Study Group. Associations of MC1R genotype and patient phenotypes with BRAF and NRAS mutations in melanoma. *J Invest Dermatol*. 2017 Aug 22. pii: S0022-202X(17)32791-4.

Vernali S, Waxweiler WT, Dillon PM, Kanetsky PA, Orlow I, Luo L, Busam KJ, Krickler A, Armstrong BK, Anton-Culver H, Gruber SB, Gallagher RP, Zanetti R, Rosso S, Sacchetto L, Dwyer T, Cust AE, **Ollila DW (Surg Onc)**, Begg CB, Berwick M, Thomas NE; GEM Study Group. Association of Incident Amelanotic Melanoma With Phenotypic Characteristics, MC1R Status, and Prior Amelanotic Melanoma. *JAMA Dermatol*. 2017 Jul 26.

Meyers MO (Surg Onc), Sarosi GA Jr, Brasel KJ. Perspective of Residency Program Directors on Accreditation Council for Graduate Medical Education Changes in Resident Work Environment and Duty Hours. *JAMA Surg*. 2017 Jul 5.

Black J (PGY5), Cotton T (Alumni), Yeh JJ (Surg Onc). Outpatient Total Thyroidectomy Is Safe for Moderate-Volume Surgeons. *Am Surg*. 2017 Jul 1;83(7):750-754.

Gibbs DC, Ward SV, Orlow I, Cadby G, Kanetsky PA, Luo L, Busam KJ, Krickler A, Armstrong BK, Cust AE, Anton-Culver H, Gallagher RP, Zanetti R, Rosso S, Sacchetto L, **Ollila DW (Surg Onc)**, Begg CB, Berwick M, Thomas NE; GEM Study Group. Functional melanoma-risk variant IRF4 rs12203592 associated with Breslow thickness: a pooled international study of primary melanomas. *Br J Dermatol*. 2017 Jul 1.

TRANSPLANT

Gougeon F, Mikhailov AV, Gibson K, **Kozlowski T (Transplant)**, Singh HK, Nিকেleit V. C4d-expressing glomerulopathy and proteinuria post transplantation of a too-big-for-size mismatched kidney allograft: An unusual case with good outcome. *Clin Nephrol*. 2017 Sep 21.

Desai CS (Transplant), Khan KM, Ma X, Li H, Wang J, Fan L, Chen G, Smith JP, Cui W. Effect of liver histopathology on islet cell engraftment in the model mimicking autologous islet cell transplantation. *Islets*. 2017 Sep 13:e1356558.

Kozlowski T (Transplant), Weimer ET, **Andreoni K (Alumni)**, Schmitz J. C1q Test for Identification of Sensitized Liver Recipients at Risk of Early Acute Antibody-Mediated Rejection. *Ann Transplant*. 2017 Aug 25;22:518-523.

Orandi BJ, Luo X, King EA, Garonzik-Wang JM, Bae S, Montgomery RA, Stegall MD, Jordan SC, Oberholzer J, Dunn TB, Ratner LE, Kapur S, Pelletier RP, Roberts JP, Melcher ML, Singh P, Sudan DL, Posner MP, El-Amm JM, Shapiro R, Cooper M, Lipkowitz GS, Rees MA, Marsh CL, Sankari BR, **Gerber DA (Transplant)**, Nelson PW, Wellen J, Bozorgzadeh A, Osama Gaber A, Segev DL. Hospital readmissions following HLA-incompatible live donor kidney transplantation: A multi-center study. *Am J Transplant*. 2017 Aug 21.

TRAUMA

Haac BE, **Gallaher JR (PGY7)**, Mabedi C, Geyer AJ, **Charles AG (Trauma)**. Task Shifting: The Use of Laypersons for Acquisition of Vital Signs Data for Clinical Decision Making in the Emergency Room Following Traumatic Injury. *World J Surg*. 2017 Jul 18.

Reiter A, Williams K, Li S, **Brownstein MR (Trauma)**. Training and networking opportunities for medical students at the ACS Clinical Congress. *Bull Am Coll Surg*. 2017 Jul;102(7):64-7.

Phillips MR, **Klein M (PGY4)**, **Shah M (PGY7)**, **Charles AG (Trauma)**. Veno-venous extracorporeal membrane oxygenation in pregnancy: does foetal viability matter? *Anaesth Intensive Care*. 2017 Jul;45(4):524-525.

Nayyar A (Post-Doc), **Charles AG (Trauma)**, **Hultman CS (Plastics)**. Management of Pulmonary Failure after Burn Injury: From VDR to ECMO. *Clin Plast Surg*. 2017 Jul;44(3):513-520.

Charles AG (Trauma), **Gallaher J (PGY5)**, **Cairns BA (Burn)**. Burn Care in Low- and Middle-Income Countries. *Clin Plast Surg*. 2017 Jul;44(3):479-483.

VASCULAR

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