Dear Colleagues,

Spring is here (at least in San Diego) and with it a time of new growth. For us, the buds on the trees are our finishing fourth year medical students. We have seen them for the past four years as tiny buds waiting for the right time burst forth from the trunk (medical school) into their fields of choice where they will grow, blossom, and bear much fruit.

The first phase of that new growth occurs in March of every year with the culmination of the national residency match process, which places them into subspecialty training where they will become surgeons, pediatricians, psychiatrists, etc. These residents endure a hardened winter of applying to — and interviewing with — tens of programs, and do so with uncertainty as to whether the conditions will be right for their bud to flourish.

“Match Day,” as it is called, is a time of great excitement both for our students and their families, but also for the programs that they join. Indeed, it is one of my favorite days of the year, when the Department of Surgery is introduced to the next generation of surgeons, who bring fresh faces, experiences, ideas, and energy to our mission.

In this edition of our e-newsletter, we introduce you to our exceptional incoming crop of new residents. Surgery residencies are highly competitive and each of them has an extraordinary and diverse set of experiences and accomplishments that will certainly enrich our environment.

We also include in this edition a Q&A with a relatively new faculty recruit to our Department, Dr. Julie Le. Dr. Le is a board-certified surgeon specializing in the treatment of benign, high-risk and malignant breast pathologies. She performs image-guided lumpectomies, nipple and skin-sparing mastectomies, flat aesthetic closures and axillary surgery. Her goal is to provide patients with oncologically safe surgery with
optimal aesthetic and maximized functional outcomes. Raised in San Diego, Dr. Le has returned to her roots to care for the community she calls home.

We are also excited to inform the readership of new major research grant awards secured by faculty (Drs. Bouvet, Costantini, Liu, and White) that address a spectrum of challenging surgical conditions. Moving the fields of surgery forward for the betterment of today’s and tomorrow’s patients is a central mission of the Department of Surgery. Conducting research takes vision, specialized skill sets, perseverance and a talent for securing funding. It is a journey filled with many highs and lows and takes faculty who are not only dedicated, but who derive an inherent sense of value in the work that they do.

Congratulations and thank you to each of these individuals and to all in the Department who push forward in this domain.

As always, I thank you for your interest in the affairs of the Department and for your partnership.

Sincerely,

Bryan Clary, MD, MBA

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SUPPORT THE WORK OF UC SAN DIEGO'S DEPARTMENT OF SURGERY

With your help, the Department of Surgery at UC San Diego School of Medicine is changing lives. Financial support from our community is critical to providing leading-edge surgical care to thousands of people every year. Your partnership enables UC San Diego's Department of Surgery to continue to serve our region's patients with the most expert care available.

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FEATURE STORY

Drs. Gabriel Schnickel and Hannah Hollandsworth Win UC San Diego Physician- and House-Officer-of-the-Year

Gabriel Schnickel, MD, MPH, and Hannah Hollandsworth, MD, were respectively announced as the recipients of this year’s UC San Diego Medical Staff Physician-of-the-year and House Officer-of-the-year awards.

Dr. Schnickel from our Division of Transplant and Hepatobiliary Surgery and Dr. Hollandsworth from our general surgery residency represent the very best in professionalism, collegiality and clinical excellence and serve as role models for all of us. We could not be more proud of Drs. Schnickel and Hollandsworth and am very grateful for the many ways in which they have made our department and institution a better place. Please join us in congratulating these two exceptional colleagues and team members.

Q&A: JULIE LE, MD
Our March Q&A features Julie Le, MD, a board-certified surgeon who specializes in the treatment of benign, high-risk and malignant breast pathologies. Born and raised in the City Heights area of San Diego, Dr. Le felt a calling to treat and serve the San Diego community, where she performs image-guided lumpectomies, nipple and skin-sparing mastectomies, flat aesthetic closures and axillary surgery. Dr. Le has been involved in medical and scientific research for more than 10 years and has co-authored multiple peer-reviewed articles that have been published in journals, including Annals of Surgical Oncology, Journal of Safety Research, and others. She has a special research interest in axillary management and high-risk breast lesions.

She completed a fellowship in breast surgical oncology at UC Los Angeles and a surgical residency at Spectrum Health in Grand Rapids, Mich. Dr. Le earned her medical degree from Oakland University William Beaumont School of Medicine in Rochester, Mich. She is a member of American Society of Breast Surgeons, Society of Surgical Oncology, American College of Surgeons and American Medical Women's Association.

In her spare time, Dr. Le enjoys baking goodies from the "British Bake Off" television show with her nieces and nephews. She loves listening to mystery podcasts and getting lost in fun, intriguing fiction and historical nonfiction novels.

Q: You have a special interest in the social impact of breast cancer treatment on young women including fertility, family planning and breast sexual health. What is something you wish more people knew about this area of specialty?

A: As more young women are diagnosed with breast cancer, I hope that cancer doctors (regardless of which aspect we treat) are or become comfortable with discussing how cancer treatment can alter the ability for future pregnancy and impact on sexual health including effects on partner intimacy (particularly the potential side effects of endocrine treatment). Areas that I think cancer doctors should address with our young patients include consideration of egg preservation prior to treatment, the balance of endocrine interruption for conception and cancer treatment (and what is deemed safe interruption) and how side effects of adjuvant therapy can cause dyspareunia or low libido. Many of the young patients are rightly focused on initiating cancer treatment as quickly as possible but it is also our job as cancer experts to address the other long-lasting effects that treatment may have on other aspects of their lives.

Q: You were born and raised in the City Heights area of San Diego and have returned to your hometown, where you serve your community. What does this familiarity lend to your practice, and how is it an asset?

A: I am incredibly fortunate that I have the unique experience of growing up with the very diverse and heterogeneous population that makes up San Diego. The biggest asset of being able to serve my community is building that connection with patients from all backgrounds who feel akin to a homegrown physician, exercising my limited but growing Spanish and Vietnamese tongue and proudly giving back to the community that has shaped me into the doctor that I am today.

Q: You have a special research interest in axillary management and high-risk breast lesions. What led you to pursue this field of study and what excites you about it going forward?

A: One of the things that excites me the most about breast cancer is the constant evolution in treatment particularly with safe de-escalation of care. My familial experience with lymphedema empowered me to have a particular interest in axillary management and it's exciting to see that we may safely omit lymph node surgery in certain low risk patients with no difference in survival and are reconsidering which high risk lesions truly need surgical removal. I am excited to see how axillary surgery will change for limited residual disease following neoadjuvant chemotherapy.
Q: What changes do you see coming in breast surgery over the next 10-20 years?
A: I think we are going to see a major decline in the need for axillary lymph node dissection as new information comes out about the efficacy of local control of axillary disease with radiation in setting of patients with positive lymph nodes following neoadjuvant chemotherapy and new agents that can more effectively treat locally advanced hormone positive breast cancer.

Q: What is something that keeps you motivated on tough days?
A: I am thankful that I have my sassy husband, clumsy but energetic puppy golden retriever and large loud family to keep me grounded on tough days.

OPINION

How to be a lifesaver by becoming an organ donor

The San Diego Union-Tribune recently featured three opinion pieces from the UC San Diego Health community on the value of organ donation, including one by Prof. of Surgery Gabriel T. Schnickel, MD, MPH.

Opinion: We all have the potential to save lives by being an organ donor. Here’s why you should.

Opinion: I know my dad would’ve wanted to be an organ donor. When he died, his story didn’t end.

Opinion: An organ donor saved my life when I was 26. Now I work to do the same for others.

RESEARCH NEWS

Dr. Rebekah White Receives R01 for Pancreatic Cancer Treatment

Surgical Oncologist Rebekah White, MD, has received an R01 grant for her work titled: Irreversible Electroporation (IRE) Combined with CD40 Agonism as In Situ Vaccine Therapy for Pancreatic Cancer.”

Irreversible electroporation (IRE) is a technique that is being used increasingly for ablation of persistent LAPC after systemic therapy. Dr. White’s group has demonstrated that IRE can function as an "in situ vaccine" by releasing tumor neoantigens in the setting of inflammation, allowing the body’s innate immune system to recognize the tumor.

CD40 is an immune receptor located on antigen-presenting cells that serves as a bridge between the innate immune system and the host’s specific response to neoantigens (the adaptive immune system). Using immunocompetent orthotopic mouse models of pancreatic cancer, Dr. White and colleagues have shown that the combination of IRE with local delivery of a CD40 agonistic antibody (CD40 Ab), can both improve the local effects of IRE and decrease metastatic disease in the liver.

ADC-1013 (mitazalimab) is a CD40 antibody that is currently being studied in clinical trials as a systemic therapy for metastatic pancreatic cancer. It has also been delivered by local (intratumoral) injection into a variety of superficial and deep tumors. Local (intratumoral) delivery is appealing in that it has potential to be more effective while decreasing systemic side effects. Intratumoral injection is also feasible at the time of IRE, which is generally performed via an open surgical approach.

Dr. White hypothesizes that local delivery of a CD40 agonist at the time of IRE in patients with LAPC will
augment the systemic immune effects of IRE, enhance local disease control, and ultimately decrease distant recurrence. They will conduct a phase I study of intratumoral mitazalimab injection at the time of surgical IRE to determine a recommended Phase 2 dose and establish preliminary efficacy for future studies. In parallel, they will perform correlative studies to determine if this combination can generate immune responses to neoantigens identified using an unbiased bioinformatic analysis pipeline of tumor biopsies.

The multi-disciplinary team is uniquely qualified to conduct the proposed studies. Dr. White is a surgical oncologist at UC San Diego with clinical expertise in IRE and whose laboratory generated the preliminary data. Dr. Wainberg is a medical oncologist at UCLA with expertise in immuno-oncology clinical trials and specifically CD40 agonists. Subjects will be recruited from all five of the UC Pancreatic Cancer Consortium centers. Dr. Schoenberger, at the La Jolla Institute for Immunology, will assist with neoantigen identification from human tumor samples and measurement of immune responses in post-treatment blood samples.

The researchers hypothesize that this novel approach to the treatment of LAPC will prove to be safe, and result in progression-free survival superior to that of patients previously treated with IRE alone. With these data in hand, Drs. White and Wainberg will be well-positioned to design a larger multicenter efficacy study for this large subgroup of understudied pancreatic cancer patients.

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**Dr. Todd Costantini Receives NIH R35**

Congratulations to Todd Costantini, MD, FACS, and his team for a very successful NIH R35 grant application entitled, “Mechanism of action of uniquely human genes in the injury response” which after peer review has been recommended for funding. The R35 grant mechanism (Maximizing Investigators’ Research Award-MIRA) is intended to provide greater flexibility and stability to “highly talented and promising” new and established funding. Dr. Costantini’s success in the application reflects exceptional productivity and follow-through by he and his team on his R-01 grant which is nearing completion and to the incredibly rich environment in his division, the Department, and the UC San Diego ecosphere. This success rests on perseverance borne out of a recognition of a need and obligation to make tomorrow better for the injured patient.

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**UC San Diego Surgery Ranks in Top 25 Nationwide for NIH Funding**

According to the Blue Ridge Institute for Medical Research, the UC San Diego Department of Surgery ranks within the top 25 departments of surgery in the nation for National Institutes for Health research funding, with more than $8.1 million funded in the 21-22 fiscal year. For more information, visit the [Blue Ridge website](#).
UC San Diego Helps EMC Stay Afloat

UC San Diego Health will soon take over day-to-day operations for Imperial County’s largest hospital.

El Centro Regional Medical Center has suffered a string of financial setbacks and staffing problems in recent years. Without UCSD Health’s intervention, the Medical Center’s financial reserves would likely be exhausted later this year according to hospital administrators.

Under the proposed plan, UCSD Health will assume full leadership of the hospital. It's one of two medical centers in the county that is home to 179,000 residents according to census data.

Read more about UCSD and EMC at KPBS

Facial Nerve Surgeons Give Firefighter His Smile Back

Steve Chafe, a firefighter for more than 25 years, is not taking anything in life, including a smile, for granted. An MRI identified Chafe had a transient ischemic attack. It also found something unexpected: a large tumor the size of a golf ball. In this video, Chade discusses his multidisciplinary care experience and UC San Diego Surgery's Quyen Nguyen MD PhD talks about her drive to get her patient "back to where he was."

View Steve Chafe story

Life-Saving Trip Results in Multi-Organ Transplantation for Father

Khristiane “Frances” Reyes credits a 2013 trip to the Philippines for saving his life. After dealing with symptoms like severe shortness of breath and exhaustion for quite some time, it wasn’t until he landed in Manila to visit family that he realized something was truly wrong.

“My goal was to see my aging grandfather one last time, but when we landed in Manila, I wasn’t sure if I’d be able to leave the airport bathroom,” said Reyes. “My whole body was shaking. I felt terrible, and I couldn't catch my breath.”

Read more about Multi-Organ Transplantation

TRAINING NEWS

Match Day 2023 Results
The National Resident Matching Program has announced the results of the 2023 Main Residency Match. The Department of Surgery is thrilled to welcome our 2023 class of interns—in General Surgery, Plastic Surgery, Vascular Surgery and Otolaryngology/Head & Neck Surgery — and to begin another year educating the best and brightest in academic surgery. Congratulations on and all for your hard work, and we look forward to welcoming you soon!

Sami Abujbarah  
Mayo Clinic Alix School of Medicine  
General Surgery Categorical Resident

John Deng  
University of California Los Angeles School of Medicine  
General Surgery Categorical Resident

Blackberrie Eddins  
Northwestern University  
General Surgery Categorical Resident

Thomas Handley  
Imperial College School of Medicine  
General Surgery Categorical Resident

Ruth Laverde  
University of California, San Francisco, School of Medicine  
General Surgery Categorical Resident

Gabrielle Rajulu  
University of Texas School of Medicine San Antonio  
General Surgery Categorical Resident

Nikita Thareja  
University of California San Diego

Archana Podury, MD  
Harvard

Clara Draf, MD  
Technical University Dresden
Vascular Surgery Interest Group (VSIG) Surgery Workshop

The Vascular Surgery Interest Group (VSIG) held a suture workshop for first and second year medical students sponsored by LeMaitre and Ethicon. There were over 60 RSVPs! We set up 15 stations for the students using PTFE, carotid models, AAA models and LeMaitre RestoreFlow. The goal of VSIG is to increase awareness of vascular surgery for both medical students and general surgery residents. Our next event will be in May and we are excited for another great turnout.
Dr. Michael Bouvet Receives VA Merit Award

This major grant award was for Dr. Bouvet's proposal entitled “Development of Near Infrared Fluorescence-Guided Surgical Navigation and Tumor Specific Photoimmunotherapy for Improved Outcomes for GI Cancers.”

Congratulations to Dr. Liu for his SSAT Career Development Award

Dr. Shanglei Liu was recently selected to be the recipient of this year’s SSAT (Society for Surgery of the Alimentary Tract) Career Development Award for his proposal, “Detection of Colonic Sessile Serrated Adenomas Using Antibody Coupled Fluorophores to Improve Colon Cancer Prevention.” The research award is $50,000 per year for two years, for a total of $100,000. With the selection, Dr. Liu will also gain membership to the SSAT.

DAISY Awards

Congratulations to our nurses who were selected for the Winter 2023 DAISY Award. It's a national honor for nurses who demonstrate excellence through exceptional clinical care, kindness and compassion. (top row) Amanda Mumaugh, Carly Kruedelbach, (bottom row) Maura Caffrey and Theresa Golbeck. Read more about the DAISY Awards
2023 PanCAN Purple Stride for Pancreatic Cancer on April 29, 2023

Purple Stride returns this April 29th! The Pancreatic Cancer Action Network (PanCAN) is bringing together all the affiliates again with a NATIONWIDE 5K on Saturday April 29, 2023 at De Anza Cove on Mission Bay. UC San Diego Health is joining 60 other groups across the country to do our best to bring an end to pancreatic cancer. This means more awareness and more funds to keep PanCAN’s programs running so patients and families don’t have to navigate pancreatic cancer alone. Your support is vital to help PanCAN
provide patient services, research programs, and continued advocacy centered on pancreatic cancer. UC San Diego Health scientists and patients are direct beneficiaries of research grants and clinical trials.

UC San Diego Health Cancer Services is once again the PREMIER SPONSOR here in San Diego. Please consider joining our team and/or making a donation today.

Registration is free and fundraising $50 gets you this year’s shirt shown above. That’s asking for $10 from 5 friends. Easy! But don’t stop there. Let’s turn the country purple as we raise funds and awareness for the world’s toughest cancer.

Visit the UCSD Team Fundraising page and read more about the event

SAVE THE DATE: 11th Annual Department of Surgery Research Symposium

This important event highlights the exciting research and practice changing discoveries that are being made by trainees and faculty in our Department.

**Tuesday, May 2, 2023 between 5:00 – 8:00 pm**  
UC San Diego Faculty Club

**Wednesday, May 3, 2023 between 7:00 – 8:00 am**  
Department Grand Rounds  
Moores Cancer Center - Goldberg Auditorium

We are very pleased to host our invited speaker, Dr. Christine Lau

Christine L. Lau, MD, MBA is the Robert W. Buxton Professor and Chair of the Department of Surgery at the University of Maryland School of Medicine and the Surgeon-in-Chief at the University of Maryland Medical Center. She manages a Department of over one hundred multispecialty surgeons.

AS SEEN ON TWITTER
Proud to share our latest study, which shows #AcousticNeuroma patients who receive care at high-volume hospitals experience improved outcomes, including reduced hospital stays and 30-day readmissions.

@JAMAStudy: bit.ly/32wFgCM
Commentary: bit.ly/41TvCJw

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Charlson-Deyo Comorbidity Index

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The statistical software R v4.0.5 was used to conduct all analysis. Performance threshold curves and AUC curves with 95% confidence interval (CI) calculated using 1000 bootstrapped replicates were generated using modified code from Singh et al — their code is available publicly at https://github.com/ml4lhs/edi_validation [15].

One of my postop patients drew a picture of me. I asked her why is my head so big? She said “Because you are a surgeon!”

I absolutely love being a ped surgeon. It is too much fun and never gets boring.

@RomeoIgnacio18 @UCSDsurgery @radychildrens
This is so great! Equipping world class surgical residents with lean and process improvement skills. You all will be able to address both patient and system issues! Congrats! @nhgoldhaber @UCSDSurgeryRes @UCSDHealth

Fantastic presentation by @jaydoucet on Direct to OR resuscitation and how it expands the area over which patients can reach definitive care alive, @UCSDTrauma @WesternTrauma #WTA2023

Nicole H. Goldhaber @nhgoldhaber · Apr 20
@UCSDSurgeryRes get their Lean Healthcare Yellow Belts and #LeadingTheWay in Quality Improvement! @UCSDHealth
THIS MONTH'S PUBLICATIONS


See full list of publications

IN THE NEWS

“UCSD Health surgery brings in couple from Costa Rica as fundraising efforts continue,” Fox 5 San Diego, features UC San Diego Health

“Local Leaders Announce Plan to Strengthen Health Services in Imperial County,” UC San Diego Health, features Patty Maysent

JOB LISTINGS

Assistant, Associate or Full Professor (HS Clinical, Clinical X, Adjunct, In-Residence) - Cardiovascular and Thoracic Surgery
Assistant, Associate or Full Professor (HS Clinical, Clinical X, Adjunct) - Transplant Surgery
Assistant, Associate or Full Professor (HS Clinical, Clin X, In Residence, Adjunct) - Plastic Surgery
Assistant, Associate or Full Professor (HS Clinical, Clin X, Adj, In-Residence) - Pediatric Cardiothoracic Surgery
Assistant, Associate or Full Professor (HS Clinical, Clin X, Adjunct, In-Residence) Vascular and Endovascular Surgery
Assistant, Associate of Full Professor (HS Clinical, Clin X, In Residence, Adjunct) - Pediatric Surgery
Assistant, Associate or Full Professor (HS Clinical, Clin X, In-Res, Adj) - Surgery Biostatistician
Assistant, Associate or Full Professor (HS Clinical, Clin X, In-Res, Adj) Otolaryngology - Head and Neck Surgical Oncology
Assistant, Associate of Full Professor (HS Clinical, Clin X, In Res, Adjunct) Trauma & Burn Surgeons
Assistant, Associate of Full Professor (HS Clinical, Clin X, In Residence, Adjunct) - Pediatric Otolaryngologist
ALUMNI SPOTLIGHT: DR. JULIA GRABOWSKI, MD

"I feel so fortunate to have trained at UCSD with some of the most amazing mentors and friends. The 7 years I spent as a resident were challenging, exhausting, rewarding, and unbelievably fun. As a resident, I was given the autonomy to make independent decisions and the support I needed to ask for help. The variety in the services and the hospitals gave me the opportunity to determine exactly what I wanted to do with my life. And the training I got at UCSD and Rady prepared me for a wonderful fellowship and a career I love. I am forever grateful."

Dr. Julia Grabowski is an Associate Professor at Northwestern University and the Director of Pediatric Colorectal Surgery at Lurie Children's Hospital of Chicago. She completed her Surgery Residency at UC San Diego in 2010 while also being a postdoctoral fellow.

ABOUT THE DEPARTMENT

The Department of Surgery at UC San Diego prides itself on maintaining a thriving clinical enterprise in 13 surgical divisions and providing exceptional care to patients; while educating future generations of surgeons and conducting ground-breaking research. Since 1968, our team of internationally recognized surgeons have performed cutting edge surgeries, which today include including awake brain surgery; heart-lung transplants; scarless appendectomies; and incisionless weight-loss surgery. We’re proud of the research breakthroughs we make in surgical medicine and the quality rankings we achieve year after year. surgery.ucsd.edu