

IN THE LOUPE

A MONTHLY NEWSLETTER

MARCH 2021



WOMEN OF MURIEL STEELE SOCIETY

UCSF Department
of Surgery

WHAT'S INSIDE

The establishment of a new Core, Viable Tissue Acquisition Lab (VITAL)

Acquisition of New daVinci robotic surgery simulator SimNow®

Updates on Undergraduate Medical Education, Muriel Steele Society and New Hires

Special recognition for our beloved faculty and their recent achievements

In the next few months, we look forward to hosting a series of Virtual Wellness Workshops, Coaching session on leadership, our annual mentorship grand rounds, as well as our MSS Journal Club and welcome for new residents in July!

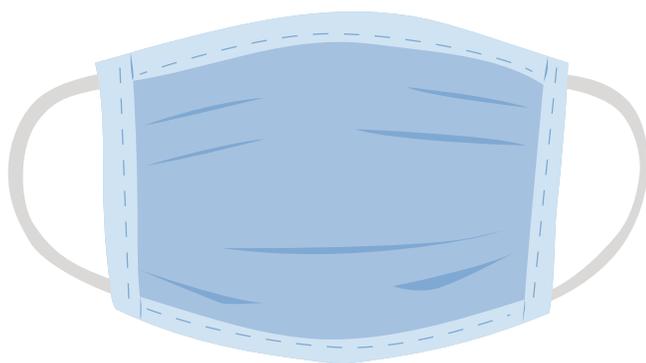
UPCOMING EVENTS

March 9, 2021 - Alleviating Pain in the Workplace

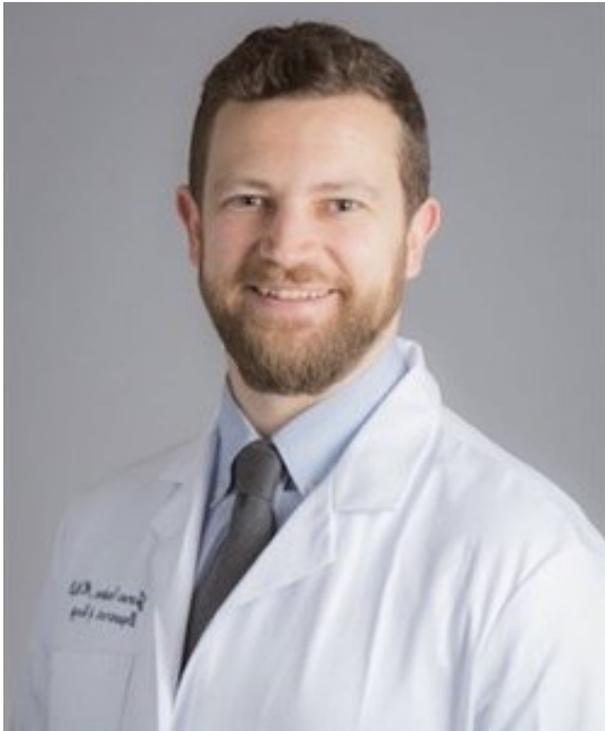
April 13, 2021 - Stress and Time Management

May 11, 2021 - Regeneration and Release Workshop (Active Session!)

For more information on MSS, please visit murielsteelesociety.ucsf.edu/



RESEARCH



We are very excited to announce the establishment of a new Core, Viable Tissue Acquisition Lab (**VITAL**), that connects the UCSF research community with deceased organ and tissue donors who wish to donate not only for transplantation but also for the advancement of research. These incredible gifts have been long under-utilized. Moreover, particularly with the emergence of new technologies such as single-cell multiomics, the availability of a large range of fresh and viable tissues is truly an invaluable resource to study human biology. The Core is designed to honor the explicit wish of donors and donor families to contribute meaningfully towards advancing the understanding of human health.

VITAL is UCSF IRB-approved as non-human subjects research with stipulations that all tissue provided

1. comes with no associated personal health information [clinical data is available and can be provided, but without identifying information];
2. is utilized for a specified and designated purpose as reviewed and approved by VITAL and the donor network, and is not bio-banked for future, nonspecific use;
3. and not used to generate immortalized cell lines

VITAL has already developed a rich network of collaborating investigators and has a vital (no pun intended!) role in efforts that require deep characterization of healthy organs and tissues. The first publication utilizing these invaluable resources – a description of novel aspects of human thymic epithelial biology authored by our resident, Jhoanne Bautista – is now in press (Bautista et al., Nature Communications, 2021). VITAL represents a strong statement about the Department’s commitment to actively contribute to the rich environment of human investigation and discovery central to the UCSF mission. The core was established by James Gardner, MD, Ph.D., and is administered by Kailys Freeman within the Division of Transplant Surgery. Any interested investigators should contact Dr.Gardner (james.gardner@ucsf.edu). Typically, new requests can be approved within a few weeks and tissue can be efficiently provided soon thereafter.

SURGICAL SKILLS CENTER

New daVinci robotic surgery simulator at UCSF – SimNow®!

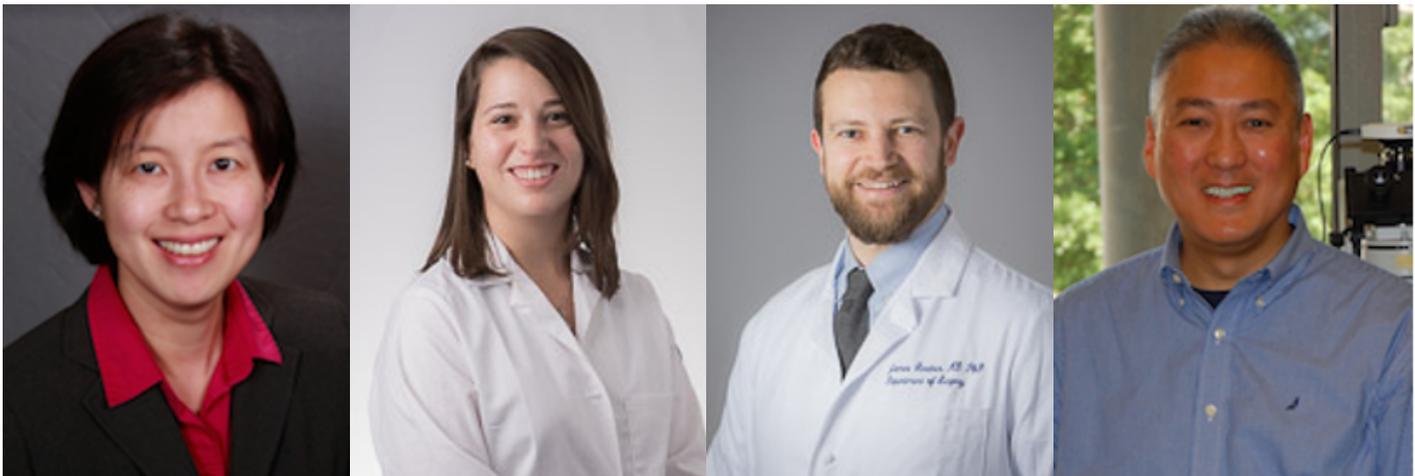
UCSF has just acquired the latest generation of daVinci robotic surgery simulators for robotic skills training, known as SimNow®. This new class of simulation device comes with significantly upgraded content, including basic skills exercises, advanced training modules, and actual procedures such as a robotic right colectomy. The SimNow® simulator units are located at both Parnassus (MIS Fellows' office, 5th floor, Room S-0550) and Mission Bay campuses (PCMB building, 3rd floor, L-3163). With these devices located outside of the operating rooms, accessibility to practice on a simulator is greatly improved.

In addition, SimNow® allows the individual learner to create their own unique user ID via the daVinci surgery community website and allows curricular exercises to be assigned remotely. Given that SimNow® is cloud-based, work performed on any SimNow® unit can be more easily tracked and reviewed to ensure skills training is standardized and optimized for our learners. Also, the SimNow® app can be downloaded onto your smartphone, allowing learners to track their scores and other performance data. The general surgery resident's robotics curriculum will be updated soon to reflect these newly acquired simulators and include required modules to complete before robotic operations. For any questions relating to SimNow® or any other robotic surgery-related questions, please feel free to contact: Lissette Chao, PA-C, MBA at lissette.chao@ucsf.edu and/or Dr. Hueylan Chern at Hueylan.chern@ucsf.edu.

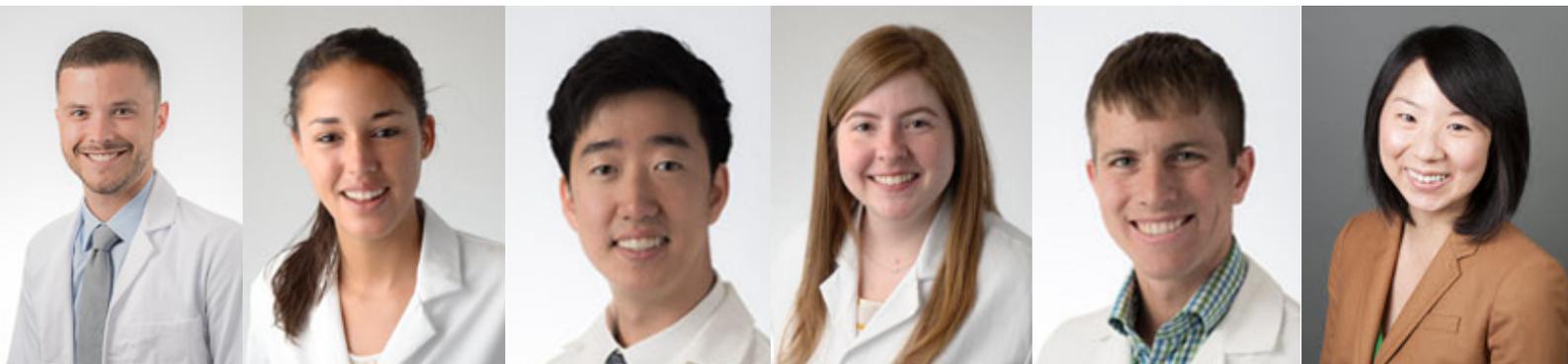
UNDERGRADUATE MEDICAL EDUCATION

1st and 2nd Year Students

We now have faculty and residents teaching formal courses in the F1 (1st and 2nd-Year medical school) curricula. The first group is Drs. Tammy Chang, Patricia Conroy, James Gardner, and James Koh. Interested faculty should contact Matthew Lin, Surgery Clerkship Director, for more information.



Surgery Interest Group is now back in full swing led by Drs. Mark Barry, Caitlin Collins, Yvonne Kelly, Alex Kim, Zach Matthay, and Keon Park. They are organizing labs, noon-time conferences, and mentoring opportunities.



3rd Year Students

The new academic year began for 3rd-Year medical students in January 2021. Students are now back for the full 8-week clerkship, and we have incorporated virtual suturing skills lab as part of the curriculum. Special thanks to the 30 faculty, fellow, residents, and staff who came together to deliver the week-long orientation to the incoming 52 students on block 1!

We want to take this time to recognize all the faculty lecturers for block 1.

Their efforts allowed all 27 of our students to pass their NBME Surgery Final Assessment on their first try! Furthermore, the mean score increased from previous years from 64 to 73!

- Adnan Alseidi
- James Iannuzzi
- Ryan Macht
- Garrett Roll
- Shareef Syed
- Marissa Boeck
- Ed Kim
- Zachary Matthay
- Ankit Sarin
- Laurence Yee
- Andre Campbell
- Johannes Kratz
- Kian Mostafavi
- Wen Shen
- Jessica Gosnell
- Sandhya Kumar
- Rita Mukhtar
- Naveen Swami

4th Year Students

8 students have completed their interviews (match day on 3/9/21). New Sub-Is start in April 2021.

MURIEL STEELE SOCIETY

Over the past six months, the Muriel Steele Society has certainly kept busy. In October 2020, we hosted a conversation about women in academic surgery with Dr. Melina Kibbe as part of our UCSF Department of Surgery Annual Resident Research Symposium. In December 2020, Drs. Wen Shen, Marissa Boeck, Michael Zobel, and Sarah Mohamedaly led our first HeForShe Event, where we explored ideas on how to promote gender equality in our workspace further. In early February 2021, we celebrated National Women Physicians Day, National Black Women Physicians Day, and Women in Science Day by donning our UCSF Surgery and MSS scrub caps. Recently, Caroline Melhado organized and led our annual MSS Research Symposium featuring Drs. Julie Ann Sosa, Sharmila Dissanaik, and Mara Antonoff for a seminar on "Using Social Media for Dissemination and Promotion."

MEDIA PRESENTATION



Tom C. Nguyen, MD, FACS, FACC, who recently joined the Department of Surgery as our new Chief of the Division of Adult Cardiothoracic Surgery from UT-Houston gave a presentation at the Society of Thoracic Surgery annual meeting where he spoke about the falling cardiac surgery volumes due to the COVID-19 pandemic. In this study, Dr. Nguyen pointed out the 53% drop in cardiac surgery cases due to the cancellation of elective procedures and the fear of COVID-19 exposure. This presentation and study were picked up by several major news publications, including The Washington Post, US News, and The Cardiovascular Research Foundation. The Cardiovascular Research Foundation publication quoted Dr. Nguyen as saying, “Somewhere out there in the United States, there are people who probably should have been operated on, and they never were.”

RESIDENT WELLNESS ACTIVITIES

We were proud to hold the first meeting of the newly formed Resident Professional Development and Wellness Committee (PDC) last month! We had an excellent discussion with residents and faculty regarding ongoing efforts to improve mentorship, wellness, and morale in our Residency Program and Department.

To celebrate and kick off March Wellness Wednesdays, we held a virtual Resident Wellness event on Tuesday, March 2. This event was complemented by gift bags from the Bi-Rite Market for a shared food and drink experience (Thanks Rachelle, Winnie, and other Residency Office team members for helping with organization and distribution!). We had a wonderful conversation regarding ways to stay healthy during residency, especially given recent challenges, and made plans for future events, both virtual and in-person.

DIVISION OF PLASTIC AND RECONSTRUCTIVE SURGERY



The Division of Plastic and Reconstructive Surgery is pleased to announce that John Rose, MD will be joining UCSF this fall. He has done significant health services research and will work in concert with the Philip R. Lee Institute for Health Policy Studies as well as the UCSF Center for Global Surgery and Health Equity. Dr. Rose attended Brigham Young University undergraduate, followed by UC Irvine Medical School. He obtained an MPH from Harvard during a year out of medical school. Dr. Rose trained in General Surgery at UCSD and Brigham, and Women's in Boston did plastic surgery residency at Johns Hopkins, and is currently a microsurgical fellow at Memorial Sloane Kettering. He will be joining our breast plastics team, focusing on breast and other cancer reconstruction and lymphedema. We look forward to his contributions in both the clinical and research arenas and welcoming him to the Bay Area later this year.

APPs – NEW HIRES

Parnassus Campus:

- 4 NP candidates identified so far (out of seven to be filled) at Parnassus
- All four APP/ APP candidates are new NP grads, and we have asked that the posting for the last APP positions be for more experienced NP2 or PA.
- APP training will consist of a 3-week 1-on-1 training for in-patient work and intro to all four of Gen Surg service lines. The new APPs will have an NP backup as a resource for the first few months and will be required to attend APP cohort sessions to learn about UCSF and the APP role. New candidates will also have an additional 3-week 1-on-1 training for out-patient clinic work.
- Work hour violations for Parnassus-based general surgery residents:
December- none; January- none; February- none so far

Mission Bay Campus:

- 2 APPs have been hired at Mission Bay
- One position remains open.

NEW ARRIVALS AND APPOINTMENTS



Ajay Maker, MD, FACS, was named the Chief of the new Division of Surgical Oncology in the Department of Surgery at the University of California, San Francisco last fall and started on March 1st, 2021.



Joseph Cuschieri, MD, FACS, was appointed the next Trauma Medical Director at Zuckerberg San Francisco General Hospital and Trauma Center (ZSFG) last fall and started on March 1st, 2021.



Melissa Coleman, MD, has been appointed as Assistant Professor in CT surgery for the Department of Surgery. In addition, Dr. Coleman is also the recipient of the 2019 UCSF Health Exceptional Physician Award.



Guilin Qiao, PhD, will be joining UCSF's Department of Surgery as Associate Adjunct Professor in Dr. Maker's Lab in the Section of Surgical Oncology in the Department of Surgery at UCSF from the University of Illinois at Chicago.



Rashad Benton received his Master's Degree in Strategic Communications from Columbia University and has joined USCF Department of Surgery as the new communications specialist developing and managing the Department's internal and external communications.

EXPANSION OF DEPARTMENT OF SURGERY SPACE



The Department of Surgery is expanding across the third floor of the Medical Sciences Building. Currently, the department occupies all of the yellow rooms you see pictured above. The new space, which is all of the pink rooms, will allow UCSF Surgery to expand its teaching and research impact. We expect the new space to be fully occupied by early 2022.

RECOGNITION

Julie Ann Sosa, MD, MA,
FACS, MAMSE, FSSO



The American College of Surgeons (ACS) has announced that Julie Ann Sosa and Linda M. Reilly are inducted into the prestigious Academy of Master Surgeon Educators. Dr. Sosa is Chair of the Department of Surgery at UCSF and Leon Goldman, MD Distinguished Professor of Surgery. Dr. Reilly is Professor of Surgery in the Division of Vascular & Endovascular Surgery and Director of the UCSF General Surgery Residency Program.

Linda M. Reilly, M.D



The Academy of Master Surgeon Educators is a landmark program of the American College of Surgeons Division of Education created to recognize the highest levels of achievements in the field of surgical education and to create a vibrant community that will take the field to unprecedented heights. Drs. Sosa and Reilly follow in the footsteps of two other Department of Surgery faculty members, Drs. Andre Campbell and Mary McGrath who were inducted in 2019.



Robert Raffai, PhD

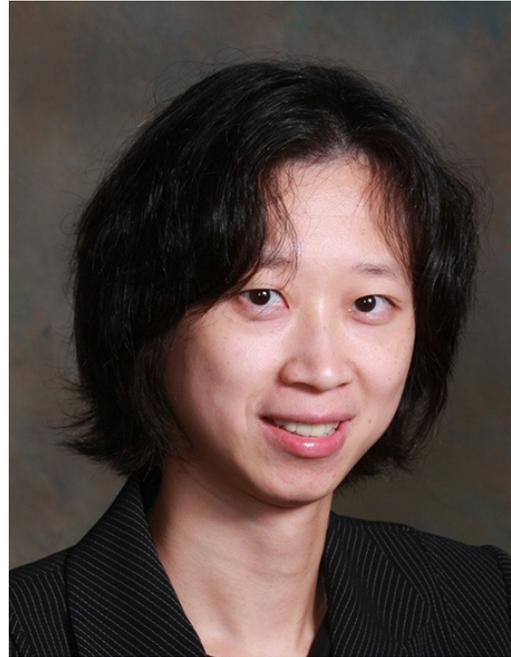
Dr. Robert L. Raffai, has just been awarded a Research Career Scientist (RCS) award presented by the VA's Office of Research & Development, which recognizes, helps, and provides non-clinician scientists who have demonstrated extraordinary contributions to VA research with 5-years of salary support beyond their own funded studies and program.

Tippi Mackenzie, MD

Dr. Tippi MacKenzie, has just been elected to The American Society For Clinical Investigation (ASCI). The ASCI will officially induct Dr. Tippi and the council's new members into the Society on April 8, 2021, as part of the 2021 AAP/ASCI/APSA Joint Meeting, held virtually April 8-10.



RECOGNITION



Dr. Piper and Dr. Chern's grant proposal, "Surgical Skills Coaches: A Sustainable Program to Prepare Medical Students as Peer Coaches for Surgical Skills," has been approved for funding. Both UCSF's Academy of Medical Educators Innovations Funding Program and the Endowed Chair in Surgical Education, held by Patricia O'Sullivan, EdD, have approved this funding that will last until 6/30/22. Congratulations on your achievement Dr. Piper and Dr. Chern!

