

RESURG

Research Experience in Surgery

Visit Our Website:

<http://health.ucdavis.edu/surgery/resurg.html>

Social Media:

Instagram:

<http://www.instagram.com/ucdavisresurg/>

Facebook:

<http://www.facebook.com/ucdavisresurg/>

Email Us: hs-resurg@ucdavis.edu

MISSION STATEMENT

Our vision is to promote, develop, and train students to become competent research professionals, while mentoring them in their professional and educational goals.

HIGHLIGHTED CURRENT PROJECTS

Perioperative Outcomes in Colorectal Surgery

Research Classification: Retrospective

Other Investigators: Miquell Olivia Miller, MD, M.Sc,
Pallavi Vaidya, CRC

Principal Investigator: Ankit Sarin, MD, MHA

Research Assistants: Isha Suba

Study description: The purpose of this study evaluates trends in the perioperative outcomes of colorectal surgery patients at UC Davis from 2013 to 2023. Some of the variables we plan on studying are length of stay, complications, and 30-day postoperative status. The goal is to eventually create a comprehensive so we can identify areas of improvement. Potential benefits of this study include a more efficient surgical workflow and improved patient care. We also hope that analyzing these patterns will help future researchers answer questions related to colorectal surgery. Furthermore, the Colorectal Division at UC Davis is rapidly expanding. With an increase in surgeons and patients, this study will help identify areas of improvement and lead to a shorter length of stay and decreased perioperative complications.

PRS: UC Davis Medical Center Plastic Surgery Consult

Research Classification: Retrospective

Research Assistants: Veena Arunkumar, Nithya Ganti

Principal Investigator: Granger Wong, MD, DMD

Study description: This project is focused on determining how COVID-19 has impacted Plastic Surgery Consult notes. The predicted outcome of this study is that plastic surgery consultations decreased over the pandemic. By understanding if this outcome is true, we can utilize this finding to better understand causal factors. This study aims to understand how the pandemic affected the rate of plastic research consultations, and with this data we can further identify causal factors. By further understanding patient perspectives, plastic surgery consultations could be adapted to occur with shelter-in-place restrictions. If specific causal factors are identified, we can pinpoint methods to improve consultations.

HAVE A STUDY YOU NEED HELP WITH?

Request Assistance [HERE](#). To learn more about our program visit our website [HERE](#).

HOW IS RESURG CURRENTLY DOING?

Physicians RESURG is Currently Assisting: 27

RESURG RAs Assisting on Research Studies: 22

Research Studies RESURG is Assisting on: 43

Divisions RESURG Currently Supports: 7

WELCOME TO OUR NEW PROGRAM CO-DIRECTOR



"I am honored and excited to become the Co-Director of the RESURG Program. Dr. Humphries has done an amazing job building RESURG from the ground up. RESURG students have been bolstering the research endeavors of the department since 2019. In her tenure, the program has graduated 34 students who have become clinical research coordinators, medical students, and graduate students across the country. Having worked with 5 RESURG students who have helped me be productive and publish much of my research, I hope to continue her legacy and expand the program to more faculty research endeavors. Please feel free to reach out to me with any questions or inquiries for students.

- **Dr. Victoria Lyo, Program Co-Director**

WELCOME RESURG'S SUMMER 2024 CLASS

"I applied to RESURG because of the recent research projects I read about on their website. It made me realize my goals aligned with theirs -- finding ways to maximize patient care and comfort. Having lived in Syria, I have seen firsthand that patient care is not on any sort of list of priorities due to the broken Syrian healthcare system. Reading about the projects that examine new procedures that will maximize care, or examining when the best time is to perform a procedure etc. I am very excited to continue working towards bridging these problems and helping patients experience the best care possible. I am also excited to learn about different surgical cases, new procedures and receiving guidance from my experienced peers and supervisors."

- **Rand Kabbesh, Data Specialist**



"I applied to RESURG after reading a recent newsletter and seeing that some of the ongoing research projects were topics I was really interested in learning more about. One of my goals is to figure out what specialization within my major I want to focus on in upper division classes and beyond, which is something RESURG will be able to help me achieve through the variety of studies and projects I can contribute to. In addition, the opportunity to shadow surgeries will provide me with a glimpse into the healthcare field, allowing me to apply what I learn to real-life situations. I am excited to contribute to research, learn how patient care benefits from clinical studies, and interact with different professionals and peers from various fields."

- **Iris Huang, Data Specialist**

Q&A with New Supervising Officer: Julia Lee

How long have you been in RESURG and what are some highlights from your experience in the program?

- I started with RESURG in Fall 2022 and recently became the Supervising Officer. Within the program, I've been honored to present my research at the 2023 and 2024 UC Davis Undergraduate Research Scholarship and Creative Activities Conference. Additionally, I helped lead Fostering the Future this past summer as the Curriculum Coordinator, helping to host a record number of high school students from the greater Sacramento area and expose them to clinical research and the medical field. All in all, having the opportunity to collaborate with physicians and clinical research professionals helped me grow within the program and receive mentorship.

How does RESURG support the professional development of its members?

- RESURG equips motivated college students to explore the field of clinical research under the guidance of physicians and Clinical Research Coordinators. I believe the RESURG program provides students with the opportunity to work within in a supportive learning environment while having sufficient autonomy after learning about core regulatory and clinical research components. This philosophy is well-reflected in the first quarter training curriculum that all incoming RESURGs participate in. Furthermore, many of our students maintain meaningful connections with the faculty they connect with during their time as a RESURG member, allowing them to continue being mentored throughout their professional and educational journeys.

As the new SO, what innovative ideas do you plan to implement in the program to enhance the experience for its members?

- By overseeing the progress of RESURG as a whole, I aim to engage students in their research studies and to ensure they are able to meet their goals. I hope that students are inspired to continue on their research journeys in their future careers using the tools and resources we've trained them with. My goal is to promote a collaborative and nurturing program where students are encouraged to ask questions and develop their critical thinking skills within a variety of research studies.



What opportunities does the RESURG program offer for undergraduates to actively participate in medical research at UCDMC?

- The RESURG program offers three unique positions which all help to bolster the research work of faculty at UC Davis Health. Within the Department of Surgery, RESURGs can volunteer as a Research Assistant or Data Specialist, helping to support regulatory upkeep, data entry, and data analysis of various projects. Additionally, RESURG helps support the Department of Pediatrics through our Pediatric Research Assistants who specialize in pediatric clinical research studies. Students in the program also have the opportunity to engage with studies at different points within the research timeline: from engaging with the initial planning phase all the way through analyzing and presenting their findings in various formats.

What are you most looking forward to in your new position?

- As Supervising Officer, I am honored to continue the legacy of RESURG by supporting the work of our students and helping them achieve their full potentials. Many of our students develop their educational and professional goals while in the program, so I am excited to help them actualize their career objectives with the resources we have in RESURG.