

RESURG

Research Experience in SURGery

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

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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.

Email Us:

hs-resurg@ucdavis.edu

Program Coordinator:

Laura B. Jones- lbjones@ucdavis.edu

RECENT PROJECTS

COVID 19 Mortality Among Obese and Morbidly Obese Patients

Research Classification: Retrospective **Principal Investigator:** Hazem Shamseddeen, MD

Research Assistants: Kevin Ly (Lead)

The aim of this study is to determine the effect body mass index (BMI) has on mortality and other critical-care outcomes in patients with COVID-19.

Analysis of Telemedicine Survey during COVID-19

Research Classification: Retrospective **Principal Investigator:** Misty Humphries, MD

Research Assistants: Matthew Kim (Lead), Avni Suri

The aim of this study is to determine the quality and completeness of telemedicine visits performed during COVID-19 from a surgeon AND patient perspective.

PROspective Observational Vascular Injury Trial (PROOVIT)

Research Classification: Retrospective **Principal Investigator:** Joseph Galante, MD

Research Assistants: Anya Guzman (Lead)

This study aims to capture key elements of vascular trauma presentation, diagnosis, management, and outcomes from leading trauma institutions in the US. The objective is to establish an aggregate database of information for vascular trauma outcomes by subcategorizing the data into anatomic patterns of vascular trauma.

Improving Abdominal Aortic Aneurysm Screening Rates in an Open Health Care System

Research Classification: Retrospective **Principal Investigator:** Matthew Mell, MD

Research Assistants: Angela Aguirre (Lead), Christina Brown, Ashley Truong

The aim of this study is increase the rate of abdominal aortic aneurysm (AAA) screening through electronic medical record (EMR) query as a quality improvement program for patients at UC Davis Medical Center, open medical system, in accordance with U.S. Preventive Services Task Force (USPSTF) and American Heart Association (AHA) guidelines and federal law (H.R. 827) Screen for Abdominal Aortic Aneurysms Very Effectively (SAAAVE) Act to decrease AAA-related mortality.

How does obesity affect outcomes after surgery and how are outcomes affected after bariatric surgery: A UC Davis experience

Research Classification: Retrospective **Principal Investigator:** Victoria Lyo, MD

Research Assistants: Alexis Chirco (Lead)

The aim of this study is to investigate the prevalence and clinical outcomes of intestinal disease in obese and non-obese populations, as well as analyze the relationship between bariatric surgery and specific diseases such as inflammatory bowel disease, Crohn's disease, and Small Intestinal Bacterial Overgrowth.

CONGRATULATIONS ANASTASIYA AND GABBY!



ANASTASIYA IVANKO

Anastasiya plans to continue her work in Pulmonary Medicine for the next 2/3 years, as she prepares to apply to a master's program and pursue medical school!

RESURG has allowed her to be involved in the direct connection between research, patients, investigators, and other professionals. She was able to partake in the start and progression of a project, as well as oversee other research being done in the department, which has led her to her current Jr. Specialist position in Pulmonary Medicine.

"I'm so thankful for all of the confidence and friendships I've gained through RESURG on my way to becoming a healthcare professional."



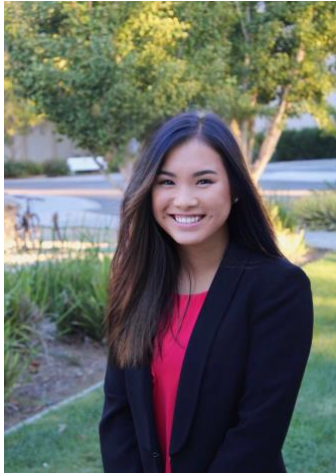
GABRIELLE ECHT

Gabby plans to take her experiences from this program as she moves onto the next chapter of my life as a Jr. Specialist in the division of Pulmonary and Critical Care at the UC Davis Medical Center for the next 2 years before medical school.

"During my year with RESURG, I was able to learn valuable skills from physicians, understand the importance of research in the medical field, practice my bedside manner and surround myself with the most wonderful group of dedicated researchers. As I continue my journey through medicine, I will always seek out opportunities to contribute to clinical research, especially during a time where new discoveries are critical for medical advances in any field!"

RESURG CONGRATULATES YOU ON YOUR ACCOMPLISHMENTS AND WISHES YOU WELL ON YOUR JOURNEYS AHEAD! THANK YOU FOR YOUR DEDICATION AND INVOLVEMENT IN OUR PROGRAM. WE WOULD NOT BE WHERE WE ARE TODAY WITHOUT YOU!

WELCOME **SUMMER** CLASS 2020



Ashley Truong
[Data Specialist]



Elias Jbeily
[Research Assistant]



Taylor Silva
[Research Assistant]

What have you learned and/or experienced in your first quarter with RESURG?

*“I’ve learned how important protecting patient privacy and safety is to everyone in the RESURG program.” – **Elias Jbeily***

*“The most valuable experience to me so far has been the amazing mentorship in this program. This group is extremely welcoming, and everyone is always willing to help.” – **Ashley Truong***

*“Becoming a Research Assistant in RESURG this past quarter has increased my exposure to the medical field inexplicably, from the chart engagement, the interaction with medical professionals, and the increased use of medical terminology, I have already gained memorable medical experiences through one short quarter with RESURG.” – **Taylor Silva***
