

## 2021-23 Surgery Research Residents

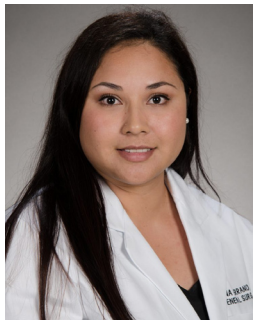
We are proud to present this year's new research residents. Research is a key component of the UW Department of Surgery's residency programs and these residents have each "paused" their clinical training in order to complete a two-year research fellowship. Our research residents, along with their clinical peers who work hard to find time to participate in numerous projects throughout their training, all play an integral role in fulfilling the Department's research mission.



### Kyle Bilodeau, MD

Dr. Bilodeau is a research fellow in the T32 Postdoctoral Research Fellowship in Trauma and Burns under the guidance of Dr. [Grant O'Keefe](#), Professor in the Division of Trauma, Burn, and Critical Care Surgery. Dr. Bilodeau is focused on clinical and translational research involving extracorporeal membrane oxygenation (ECMO). His interests include the

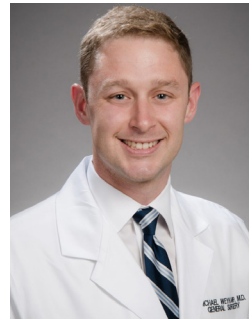
association between ECMO support type, complications, and mortality, as well as the effect of current circuit technologies on hemostasis, thrombosis, and inflammation. During his fellowship, Dr. Bilodeau will also complete a Master of Science in the UW School of Public Health and Health Services, with a concentration in Clinical and Translational Research. Following his residency, Dr. Bilodeau plans to pursue a fellowship in Cardiothoracic Surgery.



### Elina Serrano, MD, MPH

Dr. Serrano is a research fellow in the National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK) funded T32 fellowship in Gastrointestinal Surgical Outcomes Research at the Surgical Outcomes Research Center (SORCE) under the mentorship of Dr. [David Flum](#), Professor in the Division of General Surgery. She

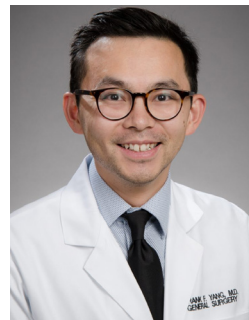
is studying the impact of language barriers on commonly reported surgical outcomes such as complication rates, readmission rates, and mortality, as well as on patient reported measures of health, satisfaction, and quality of life. Dr. Serrano hopes to accomplish this through an integration of qualitative and quantitative research. Her goal is to use research findings to inform interventions aimed at improving surgical care access and delivery for underserved communities. During her fellowship, Dr. Serrano will also complete a Master of Science in Health Services with a concentration on Clinical and Translational Research at the University of Washington. She ultimately plans to pursue a career in academic surgery with an emphasis on surgical disparities research.



### Mike Weycamp, MD

Dr. Weycamp is a research fellow in the T32 Postdoctoral Research Fellowship in Trauma and Burns under the guidance of Dr. [Grant O'Keefe](#), Professor in the Division of Trauma, Burn, and Critical Care Surgery. Dr. Weycamp is interested in translational research with a focus on pre-hospital trauma care, shock, and device development and is collaborating

with researchers at Madigan Army Medical Center including Chief of Surgery, Dr. Jason Bingham, to develop therapies to improve the care of combat casualties. Dr. Weycamp plans to pursue a fellowship in trauma and critical care.



### Frank Yang, MD

Dr. Yang is a research fellow in the National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK) funded T32 fellowship in Gastrointestinal Surgical Outcomes Research at the Surgical Outcomes Research Center (SORCE) under the guidance of Dr. [David Flum](#), Professor in the Division of General Surgery. Dr. Yang's research

interests include clinical outcomes, cost-effectiveness, and resource utilization in general and endocrine surgery. Dr. Yang will also be enrolled in the Master of Science program in Health Services with coursework in biostatistics, epidemiology, and other methodology in health services research. Following general surgery residency, Dr. Yang plans to pursue a fellowship in surgical oncology or endocrine surgery.