

Surgery

News

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.



Catherine Beni, MD, PhD, 2019-2021

Dr. Beni is a research fellow in the NIH-funded **T32 Post-Doctoral Research Fellowship in Trauma and Burns** under the direction of Principal Investigator Dr. **Grant O'Keefe**, Professor in the Division of Trauma, Burn, and Critical Care Surgery. Dr. Beni's work is focused on translational research for precision trauma resuscitation. She is working with existing ICU patient data to better understand current resuscitation practices after trauma, with the goal of creating decision-making tools and feedback-control algorithms (utilizing mathematical modeling) for fluid resuscitation. She is also working on improving the evaluation of volume status in critically ill patients. She ultimately intends to pursue a fellowship in trauma and critical care.

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David Drouillard, MD, 2019-2021

Dr. Drouillard is a trainee in the NIDDK-funded **T32 fellowship in Gastrointestinal Surgical Outcomes Research** at the **Surgical Outcomes Research Center (SORCE)** under the direction of Dr. **David Flum**, Professor in the Division of General Surgery. He is interested in comparative effectiveness research and health systems and policy. His research will involve multiple areas of general surgery with a focus on the evidence-based management of diverticulitis. During his fellowship, Dr. Drouillard will also complete a Master of Science in Public Health at the University of Washington with a focus on Health Services. He plans to ultimately pursue a fellowship in colorectal surgery and a career as an academic surgeon.

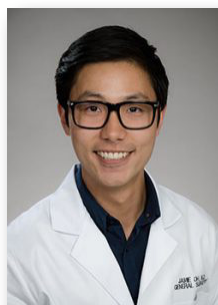
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Alex Lois, MD, 2019-2021

Dr. Lois is a trainee in the NIDDK-funded **T32 fellowship in Gastrointestinal Surgical Outcomes Research** at the **Surgical Outcomes Research Center (SORCE)** under the tutelage of Dr. **David Flum**, Professor in the Division of General Surgery. His research will span a variety of clinical areas including health systems and policy, surgical ethics, and examining patient

reported outcomes in general and foregut surgery. Additionally, Dr. Lois will be enrolled at the University of Washington, completing a Master of Science degree with a focus in Epidemiology. This advanced coursework in quantitative and qualitative research methodology and data analysis will facilitate his ongoing research at SORCE and help prepare him for a future career as a physician scientist. Following residency Dr. Lois plans to complete a fellowship in minimally invasive and foregut surgery with the goal of continuing a career in academic surgery.



Jamie Oh, MD, 2019-2021

Dr. Oh is a research fellow in the NIH-funded **T32 Post-Doctoral Research Fellowship in Trauma and Burns** under the direction of Principal Investigator Dr. **Grant O'Keefe**, Professor in the Division of Trauma, Burn, and Critical Care Surgery, and Dr. **Nicole Gibran**, Associate Dean for Research and Graduate Education for Harborview Medical

Center, David and Nancy Auth Endowed Chair for Restorative Burn Surgery, and Professor in the Division of Trauma, Burn & Critical Care Surgery. Dr. Oh will focus on translational research involving human models for wound healing. He will be analyzing RNA and DNA genome data to elucidate genetic influences on scarring and long term functional outcomes following burn injury. He will also work on clinical projects involving the burn registry, such as determining racial and socioeconomic determinants for outcomes after burn injury. During these two years, Dr. Oh will also be enrolled in the Masters of Science in Epidemiology program through the UW School of Public Health, focusing on clinical research methods. He plans to ultimately pursue a fellowship in trauma and critical care.