STANFORD DEPARTMENT OF SURGERY PROFESSIONAL DEVELOPMENT RESIDENTS AND FELLOWS

General Surgery

Wilson Alobuia, MD; General Surgery

In addition to pursuing a Master's degree in Health Policy, Wilson will be working in the Endocrine Oncology lab where his research will focus on investigating novel targets and therapies for various endocrine tumors as well as analyzing the utility and efficacy of genetic data in advancing diagnosis, treatment and precision in endocrine surgery.

Mentor: Electron Kebebew, MD

Auriel August, MD; General Surgery

Auriel August, MD will be spending her professional development time as a part of the Stanford Biodesign Innovation Fellowship using her background in engineering and training as a surgeon to bridge gaps in healthcare delivery using technology. She will also be conducting research investigating outcomes associated with new medical devices.

Mentors: James Wall, MD; Brendan Visser, MD

Carlos Ivan Ayala, MD; General Surgery

Carlos is interested in understanding how malignancies of the hepatobilary system develop. During his professional years, he will study the molecular and cellular pathways that become disrupted during the development of cholangiocarcinoma or cancer of the biliary system. The goal of our research is to develop pharmacologic treatments targeting these disrupted pathways.

Mentor: George Poultsides, MD; Hanlee P. Ji, MD

Jeff Choi, MD; General Surgery

Jeff Choi graduated with a degree in Policy Analysis and Management from Cornell University, and MD from Stanford University. His interests are in trauma and critical care. During professional development time, he will be pursuing a Master's in Epidemiology and Clinical Research, and studies to advance care for trauma patients.

Mentor: David Spain, MD

Sue Fu, MD; General Surgery

Sue Fu obtained her MD from Case Western. She is currently a Professional Development resident in the general surgery department at Stanford. Her research interests include cost disparities and access inequalities within healthcare, especially surgical care. During her research time, she will also work towards a Masters of Health Policy from Stanford.

Mentor: Lisa Knowlton, MD

Amy Li, MD; General Surgery

Amy hails from Michigan, where she attended University of Michigan, followed by Wayne State University School of Medicine. She has completed three years of general surgery residency at Henry Ford Health System and will spend two years under the mentorship of Dr Visser focusing on clinical research in hepatobiliary and pancreatic disease.

Mentor: Brendan Visser

Charlotte Rajasingh, MD; General Surgery

Charlotte Rajasingh is a General Surgery resident and has an interest in surgical health services research to improve outcomes in surgery and reduce disparities in access to surgical and post-operative care. As part of her surgical training program, she will start two years of devoted professional development time beginning in July 2020 and will join Dr. Sherry Wren investigating outcomes following ambulatory surgical procedures.
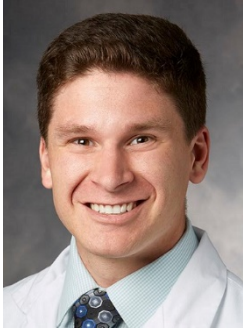
Mentor: Sherry Wren, MD

Alfred Seunghoon Song, MD; General Surgery

Alfred Song is a resident in the Stanford University General Surgery program. Prior to becoming a physician, he earned his doctorate in Biomedical Engineering in the field of Transport Phenomenon. His research interest focuses on enabling technologies for surgical therapy with the goal of developing new operative treatments.

Mentor: BioDesign

Daniel Joseph Stoltz, MD; General Surgery

Daniel Joseph is originally from Wisconsin and attended medical school at Stanford. For his professional development time, he will be participating in the Chan Zuckerberg Biohub Physician-Scientist Fellowship Program.

Mentor: Amy Gallo, MD

Kathryn Taylor, MD; General Surgery

Kathryn is a fellow in the National Clinicians Scholars Program at the University of Michigan, where she is also pursuing a Masters in Health and Health Care Research. Her research will focus on studying the influence of policy on disparities in access to surgical care and outcomes for underserved populations. She is ultimately interested in applying principles in Health Services Research and Policy to capacity-building within the field of Global Surgery.

Mentors: Thomas Weiser, MD; Rodney Hayward, MD at UM NCSP

Kirbi Yelorda, MD; General Surgery

Under the mentorship of Dr. Arden Morris, Kirbi's research will focus on health disparities and diversity in the physician workforce. Additionally, I am pursuing Master's degree in Health Research and Policy at Stanford University.

Mentor: Arden Morris, MD

Goodman Surgical Education Center

LaDonna Kearse, MD; Goodman Surgical Education Center

Dr. Kearse joins us from Washington, D.C., where she received her BA in Biological Sciences: Neurobiology & Physiology at the University of Maryland-College Park and her medical degree from Howard University College of Medicine. She has completed two years of General Surgery residency training at Howard University Hospital. Her current interests include the integration of technology and simulation to enhance surgical training, develop individualized learning pathways, and improve patient outcomes.

Mentor: James Lau, MD

Ingrid Schmiederer, MD; Goodman Surgical Education Center

Dr. Schmiederer comes from the suburbs of Philadelphia, PA, where she graduated from Drexel University College of Medicine, after completing a BA in History from Johns Hopkins University. She has completed 3 years of General Surgery Residency at New York-Presbyterian Queens Hospital, where she developed interest in researching resident evaluation, surgical skills assessment and professional development.

Mentor: James Lau, MD

Plastics and Reconstructive Surgery

Arhana Chattopadhyay, MD; Plastics and Reconstructive Surgery

Arhana Chattopadhyay completed her undergraduate studies at Harvard, medical school at Stanford, and is now a plastic surgery resident at Stanford. She will be the Stanford Advanced Wound Care Center fellow with Dr. Gurtner

Mentor: Geoffrey Gurtner, MD

Ruth Tevlin, MD; Plastics and Reconstructive Surgery

Dr Tevlin, a Plastic and Reconstructive Surgery Resident, hails from Dublin, Ireland. Dr. Tevlin commenced her surgical training with the Royal College of Surgeons in Ireland after graduating summa cum laude from University College Dublin School of Medicine. She then came to Stanford to undertake a two-year post-doctoral research fellowship in the laboratory of Dr. Michael Longaker. Eight years after graduating medical school, Dr Tevlin elected to recommence her Plastic Surgery training in the USA and was delighted to match here on the Farm.

Mentor: Michael Longaker, MD

Stanford-Surgery Policy Improvement Research & Education Center (S-SPIRE) & Veterans Health Administration (VA)

Laura A. Graham, PhD; S-SPIRE & VA

Laura is a health services researcher with a wide variety of experience in data management and analysis, including large multi-center health services and outcomes research studies, provider survey studies, and laboratory-oriented research. Her research interests center around decision support tools for processes of surgical care. The bulk of her research experience is in the Veterans Health Administration.

Mentor: Todd Wagner, MD

Vascular Surgery

Vivian Ho, MD; Vascular Surgery

Vivian Ho majored in Biology at Stanford and completed medical school at Columbia. She is pursuing a Masters degree in Bioinformatics and serving as a Stanford Intermountain Fellow in Population Health, Delivery Science, and Primary Care. She is interested in applying machine learning techniques to electronic medical records to improve surgical outcomes, and will be working with leadership from Stanford Health Care and Intermountain Healthcare in Utah to implement best practices and quality improvement projects in the Department of Surgery.

Mentor: Elsie Ross, MD

Kenneth Tran, MD; Vascular Surgery

Kenneth Tran is an integrated vascular surgery resident at Stanford University. Dr. Tran will be working with Dr. Jason Lee (Vascular Surgery) and Dr. Alison Marsden (Bioengineering) on developing quantitative methods for assessing the performance of endovascular stent grafts in complex endovascular aneurysm repair using computational flow modelling (SimVascular)

Mentor: Jason Lee, MD

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