

Short-Term Research Experiences Advancing Medical Students (STREAMS) 2022 Summer Research Opportunities for UAB Students

The following Department of Surgery faculty have expressed interest in mentoring medical students. Listed below are potential research projects and topics. Note that this list is not comprehensive and that students are welcome to contact faculty who are not on the list below to inquire about potential options as well.

Interested students should send their résumé to potential mentors of interest via email to express interest and request a brief meeting to discuss. If you need assistance to identify a mentor, please contact Dr. Jill Richter, jillianrichter@uabmc.edu or Dr. Bob Hollis rhollis@uabmc.edu.

Once a mentor has been confirmed, email David Kloda, dkloda@uabmc.edu with your name, mentors name and project title.

Eight- or ten-week experiences are available. **Students desiring stipend support must apply via the [UAB SOM MSSRP Common Application](#).**

If you have questions about the program or application process, please contact David Kloda, dkloda@uabmc.edu.

Potential Dept. of Surgery Mentor	Division	Potential Project/Topic
<u>Rondi Gelbard, MD</u> rgelbard@uabmc.edu	Acute Care Surgery	<ul style="list-style-type: none"> Trauma outcomes
<u>Zain Hashmi, MD</u> mhashmi@uabmc.edu	Acute Care Surgery	<ul style="list-style-type: none"> Disparities in trauma care Pre-hospital trauma care
<u>James K Wright, MD</u> jameskwright@uabmc.edu	Acute Care Surgery	<ul style="list-style-type: none"> Trauma outcomes
<u>Panayotis Vardas, MD</u> pvardas@uabmc.edu	Cardiothoracic Surgery	<ul style="list-style-type: none"> Coronary artery bypass surgery minimally invasive valve surgery mitral valve reconstructive surgery
<u>Dan Chu, MD</u> dchu@uabmc.edu	Gastrointestinal Surgery	<ul style="list-style-type: none"> Health literacy Patient engagement technology Surgical disparities
<u>Brenessa Lindeman, MD</u> blindeman@uabmc.edu	Breast and Endocrine Surgery	<ul style="list-style-type: none"> Surgical education research Endocrine outcomes
<u>Lily Gutnik, MD</u> lgutnik@uabmc.edu	Breast and Endocrine Surgery	<ul style="list-style-type: none"> Breast cancer disparities and global health
<u>Robert H. Hollis, MD</u> rhollis@uabmc.edu	Gastrointestinal Surgery	<ul style="list-style-type: none"> Evaluating rural disparities in colonoscopy screening for patients at high risk for colorectal cancer

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<u>Gregory Kennedy, MD, PhD</u> gkennedy@uabmc.edu	Gastrointestinal Surgery	<ul style="list-style-type: none"> • Determination of the cause of mortality of elderly patients in the first year after colon cancer surgery • Impact of intraoperative goal directed resuscitation on postoperative outcomes • A novel method to find intraluminal tumors at the time of operation
<u>Melanie S Morris, MD</u> msmorris@uabmc.edu	Gastrointestinal Surgery	<ul style="list-style-type: none"> • Tentative*-Quality improvement or OR efficiency
<u>Abhishek Parmar, MD</u> aparmar@uabmc.edu	Gastrointestinal Surgery	<ul style="list-style-type: none"> • GI surgery outcomes
<u>Elizabeth A Beierle, MD</u> Elizabeth.Beierle@childrensal.org	Pediatric Surgery	<ul style="list-style-type: none"> • Pediatric basic science cancer research
<u>Sherry Collawn, MD, Ph.D.</u> scollawn@uabmc.edu	Plastic Surgery	<ul style="list-style-type: none"> • Molecular Markers and Exosomes in Squamous Cell Carcinoma • Comparative Retrospective Study of Upper Blepharoplasty • Contouring of the Face, Neck, and Body Using Autologous Fat Transfer • Retrospective Review of Breast Reductions • Retrospective Review of Panniculectomy
<u>Rene Myers, MD</u> rmyers@uabmc.edu	Plastic Surgery	<ul style="list-style-type: none"> • Pediatric plastic surgery outcomes • Craniofacial surgery outcomes • Microvascular reconstruction
<u>Prasanth Patcha, MD</u> ppatcha@uabmc.edu	Plastic Surgery	<ul style="list-style-type: none"> • Plastic and reconstructive surgery outcomes
<u>de la Torre, Jorge, M.D., MSHA</u> jdelatorre@uabmc.edu	Plastic Surgery	<ul style="list-style-type: none"> • Plastic and reconstructive surgery outcomes
<u>Kristy Broman, MD, MPH</u> kristybroman@uabmc.edu	Surgical Oncology	<ul style="list-style-type: none"> • Cancer care delivery
<u>Herbert Chen, MD</u> hchen@uabmc.edu	Surgical Oncology	<ul style="list-style-type: none"> • Endocrine cancer outcomes • Neuroendocrine cancer basic science

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<u>Vikas Dudeja, MD</u> vdudeja@uabmc.edu	Surgical Oncology	<ul style="list-style-type: none"> • Pancreatic cancer – basic science research
<u>Jessica Fazendin, MD</u> jmfazendin@uabmmcd.edu	Surgical Oncology	<ul style="list-style-type: none"> • Patient perspective and access to endocrine surgery at a quaternary referral center
<u>Salila S Hashmi, MD</u> shashmi@uabmc.edu	Surgical Oncology	<ul style="list-style-type: none"> • Surgical oncology outcomes
<u>Ashley M. Holder, MD</u> ashleyholder@uabmc.edu	Surgical Oncology	<ul style="list-style-type: none"> • Tentative*-Eliminating the exit strategy for macrophages in cutaneous melanoma
<u>Bart Rose, MD, MAS</u> jbrose@uabmc.edu	Surgical Oncology	<ul style="list-style-type: none"> • Novel therapeutic approaches in pancreatic neuroendocrine tumors
<u>Robert Cannon, MD</u> rmcannon@uabmc.edu	Transplantation	<ul style="list-style-type: none"> • Outcomes research in transplantation • Geographic disparities in transplantation • Spatial epidemiology in transplantation
<u>Paul A. MacLennan, PhD</u> pmaclennan@uabmc.edu	Transplantation	<ul style="list-style-type: none"> • Transplant Organ acceptance/utilization
<u>Adam Beck, MD</u> awbeck@uabmc.edu	Vascular Surgery and Endovascular Therapy	<ul style="list-style-type: none"> • Vascular procedural outcomes research, especially treatment of complex aortic diseases such as aortic dissection and thoracoabdominal aneurysm.
<u>Haverstock, Brent, DPM</u> bhaverstock@uabmc.edu	Vascular Surgery and Endovascular Therapy	<ul style="list-style-type: none"> • Demographic Distribution of Diabetes Related Lower Limb Amputations in the Birmingham Area
<u>Bin Ren, MD, PhD</u> bren@uabmc.edu	Vascular Surgery and Endovascular Therapy	<ul style="list-style-type: none"> • Vascular niches in breast cancer progression • Drug resistance in pancreatic neuroendocrine tumors
<u>Emily Spangler, MD</u> espangler@uabmc.edu	Vascular Surgery and Endovascular Therapy	<ul style="list-style-type: none"> • Vascular surgery outcomes

*Check back for additional potential projects.