

## Short-Term Research Experiences Advancing Medical Students (STREAMS) 2025 Summer Research Opportunities for UAB Students

The following Department of Surgery faculty have expressed interest in mentoring medical students. Note that this list is not comprehensive. 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](mailto:jillianrichter@uabmc.edu) or Dr. Bob Hollis [rhollis@uabmc.edu](mailto:rhollis@uabmc.edu).

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 Molly Lerew via email at [mmoran@uabmc.edu](mailto:mmoran@uabmc.edu).

Potential Dept. of Surgery Mentor	Division	Potential Project/Topic
<b>Andrea Gillis, MD, MSPH</b> <a href="mailto:agillis@uabmc.edu">agillis@uabmc.edu</a>	Breast and Endocrine Surgery	<ul style="list-style-type: none"> <li>• Health literacy and thyroid pathology report</li> <li>• Body Image and Graves' Disease</li> <li>• Mental health and pancreas</li> </ul>
<b>Brenessa Lindeman, MD, MEHP</b> <a href="mailto:blindeman@uabmc.edu">blindeman@uabmc.edu</a>	Breast and Endocrine Surgery	<ul style="list-style-type: none"> <li>• TBD</li> </ul>
<b>Hampton Gray, MD</b> <a href="mailto:whgray@uabmc.edu">whgray@uabmc.edu</a>	Cardiothoracic Surgery	<ul style="list-style-type: none"> <li>• Coarctation repair, cerebral perfusion strategies and single ventricle outcomes</li> </ul>
<b>Panayotis Vardas, MD</b> <a href="mailto:pvardas@uabmc.edu">pvardas@uabmc.edu</a>	Cardiothoracic Surgery	<ul style="list-style-type: none"> <li>• Heart valve disease</li> </ul>
<b>Bhuwan Giri, MBBS</b> <a href="mailto:bgiri@uabmc.edu">bgiri@uabmc.edu</a>	Gastrointestinal Surgery	<ul style="list-style-type: none"> <li>• Primer to bench side and translational research</li> </ul>

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<b>Robert Hollis, MD, MSPH</b> <a href="mailto:rhollis@uabmc.edu">rhollis@uabmc.edu</a>	Gastrointestinal Surgery	<ul style="list-style-type: none"> <li>• Barriers and facilitators to point-of-care genetic testing</li> <li>• Improving perioperative ostomy care and education</li> </ul>
<b>Greg Kennedy, MD, PhD</b> <a href="mailto:gkennedy@uabmc.edu">gkennedy@uabmc.edu</a>	Gastrointestinal Surgery	<ul style="list-style-type: none"> <li>• The surgical approach to appendicitis: Are we making the problem too complicated</li> <li>• Has robotics increased minimally invasive surgery?</li> </ul>
<b>Margaux Mustian, MD, MSPH</b> <a href="mailto:mmustian@uabmc.edu">mmustian@uabmc.edu</a>	Gastrointestinal Surgery	<ul style="list-style-type: none"> <li>• Understanding the Socioecological Factors that Impact Access and Quality of Bariatric Surgery in the Rural Deep South</li> <li>• Exploring the Intersection between Health Literacy and Patient Activation Measures on Bariatric Surgery Access and Postoperative Weight Loss Trajectories</li> </ul>
<b>Laura Stafman, MD, PhD</b> <a href="mailto:lstafman@uabmc.edu">lstafman@uabmc.edu</a>	Pediatric Surgery	<ul style="list-style-type: none"> <li>• Metabolism in neuroblastoma</li> <li>• Sialylation in neuroblastoma</li> </ul>
<b>Sherry Collawn, MD, PhD</b> <a href="mailto:Scollawn@uabmc.edu">Scollawn@uabmc.edu</a>	Plastic Surgery	<ul style="list-style-type: none"> <li>• Breast Reduction nipple projection outcome studies.</li> <li>• ICG imaging in cutaneous non-melanoma skin cancers.</li> <li>• Multi-modality treatments of keloids and scars.</li> <li>• Eyelid ptosis outcomes.</li> </ul>
<b>Angela Carter, PhD</b> <a href="mailto:angelamcarter@uabmc.edu">angelamcarter@uabmc.edu</a>	Surgical Oncology	<ul style="list-style-type: none"> <li>• The Role of Amphetamine in Microbiome Alterations in Promote Cancer</li> </ul>

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<b>Bart Rose, MD, MAS</b> <a href="mailto:jbrose@uabmc.edu">jbrose@uabmc.edu</a>	Surgical Oncology	<ul style="list-style-type: none"> <li>• Basic science project in pancreatic cancer.</li> </ul>
<b>Samantha Baker, MD, MSHPEd</b> <a href="mailto:sjbaker@uabmc.edu">sjbaker@uabmc.edu</a>	Trauma & Acute Care Surgery	<ul style="list-style-type: none"> <li>• VTE rates with ASA and/or statins</li> <li>• Health literacy level of ACS, Trauma pts</li> </ul>
<b>Jillian Richter, PhD</b> <a href="mailto:jillianrichter@uabmc.edu">jillianrichter@uabmc.edu</a>	Trauma & Acute Care Surgery	<ul style="list-style-type: none"> <li>• Emergency Care Surgery</li> </ul>
<b>Kyle Mauk, DPM, FACFAS, ABPM</b> <a href="mailto:kylemauk@uabmc.edu">kylemauk@uabmc.edu</a>	Vascular Surgery & Endovascular Therapy	<ul style="list-style-type: none"> <li>• DM foot ulcers, amputation rates, time to OR DM foot infections</li> </ul>
<b>Bin Ren, MD, PhD, FAHA</b> <a href="mailto:bren@uabmc.edu">bren@uabmc.edu</a>	Vascular Surgery & Endovascular Therapy	<ul style="list-style-type: none"> <li>• Vascular endothelial cell immunology and angiogenesis in cancer and Alzheimer's disease</li> </ul>