With a rich history of pioneering advancements in surgery...

...dating back to founder Dr. Michael E. DeBakey, the Experimental Surgery Lab at BCM continues to provide state-of-the-art facilities and equipment for surgical research and education. We are training the next generation of surgeons and bringing ground-breaking discoveries to the forefront of patient care.

Our newly renovated space...

...features the latest telecommunications technologies allowing faculty and staff to observe operating room activity while in the conference room next door and record the activity for future use. Our staff is happy to accommodate weekend and after-hour seminars. Facility tours may be scheduled by calling 713.798.4577.

The lab is a vital resource...

...for training residents and fellows in the latest minimally invasive surgical techniques, continuing education for practicing surgeons, and providing core lab support for pre-clinical research. As an AAALAC-accredited facility, we ensure all procedures are in compliance with federal and institutional guidelines.

The Experimental Lab...

...has yielded life-saving medical devices including the artificial heart, ventricular assist devices, autologous blood salvage, and innovative surgical approaches such as stem cell and gene therapies. With this exceptional facility and experienced staff at your fingertips, imagine what your contribution to surgical innovation will be.

Dr. George Noon
Chief, Division of Transplant Surgery and Assist Devices

Deborah Taylor
Lab Manager, Experimental Surgery Lab

Research Services

Our research support services include dedicated surgical facilities, instrumentation, support equipment, trained surgical support staff and assistance with protocol development. The laboratories include two surgical rooms, one imaging room, and sterilization, storage and preparations areas.

Education Services

The experimental lab is a comprehensive resource for surgical learning with activities that support continuing medical education (CME) organizations and the biomedical industry.

The two operating rooms are configurable to handle up to 7 training stations. The lab includes four video stations for hands-on, basic and laparoscopic skills training, while the imaging room is equipped with a portable fluoroscopy unit.

For more information, contact
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