Thank you for your interest in the Fourth Year Medical Student Elective Program. We welcome and encourage students who are interested in General Surgery and our residency program to spend four weeks in Asheville.

Please look over the course description and calendar for General Surgery on the inside pages. Due to limited space, MAHEC electives are only offered to students enrolled in accredited United States and Canadian medical schools.

Housing is available through MAHEC, contingent on availability, at a modest cost after confirmation of rotation. Once you’ve been approved for a rotation, it is encouraged that you apply early as space is limited. Students should apply by going to www.mahec.net.

Michael Schurr, MD
Program Director
General Surgery Residency Program
The Mountain Area Health Education Center added the General Surgery Residency Program in collaboration with Mission Hospital in July 2017. During the five-year residency, residents will complete a number of surgical rotations including wound, breast, burn, acute care surgery, pediatric surgery, trauma surgery, vascular surgery, endocrine surgery, minimally invasive surgery, oncology and colorectal surgery, and hepatobiliary and pancreas surgery.

A Quick Look at Numbers:
- Mission Hospital is licensed for 763 beds and 17 operating rooms
- A new critical care tower is under construction and slated to open fall 2019
- Mission Children’s Hospital includes 130 beds with 60 board certified pediatric subspecialists providing care in 23 different specialties
- ED has 100,000 patient visits per year, the trauma center admits 3,400 patients per year, and the helicopter transports more than 1,000 patients per year
- Faculty includes 10 critical care certified acute care surgeons, 11 subspecialty surgeons, 2 pediatric surgeons and 5 vascular surgeons
- At more than 35,000 surgical procedures each year, Mission Hospital is the busiest surgical hospital in the state of North Carolina

**Critical Care Surgery Rotation: #SURS 427**
The Critical Care Surgery Rotation is a four-week elective at Mission Hospital under the direction of the trauma service. The student will be primarily responsible for seeing critically ill patients in the Neurotrauma ICU. These patients include multiply injured trauma, neurology and neurosurgical patients. After daily team sign-out rounds, the student will work with team members assigned to the Critical Care Service. The student will function at a high level and will work daily with assigned patients. As new patients present, the student will assist in their evaluation, resuscitation, and ongoing management. Opportunity will exist for students to participate in bedside procedures such as central venous lines, tracheostomies, arterial lines, and PEG tube placement.

**Acute Care Surgery Acting Internship (AI) Rotation: #SURY 439**
The Acute Care Surgery Acting Internship Rotation is a four-week elective at Mission Hospital under the direction of the service. The student will be primarily responsible for seeing emergency general surgery patients. After daily team sign-out rounds the student will work with team members assigned to the Acute Care Surgery Service. The student will function at a high level and work daily with assigned patients. As new patients present, the student will assist in their evaluation, resuscitation, and operative management of Acute Care Surgery patients which may include both general surgery and trauma surgery patients. The student will participate in clinic to experience longitudinal follow up of emergency general surgery patients.
Goals and Objectives:

1. Utilize the skills of patient history and physical diagnosis to diagnose and manage acute surgical emergencies and trauma resuscitations from presentation in the ER through resuscitation and definitive surgical treatment
2. Gain proficiency in the basic procedures required for the management of the acutely ill or traumatized patient. Procedures include laceration repair, chest tube placement and other common ER procedures.
3. Develop communication skills for oral presentations to team members and consultants to provide comprehensive information transfer in a clear and succinct fashion
4. Integrate evidence-based medicine practices into the management of patients in the ER and ICU
5. Develop an awareness of the complex ethical issues involving the practice of trauma and emergency general surgery particularly in the care of the elderly

Learning Activities:

1. The student will be primarily responsible for seeing ED and ICU trauma and general surgical patients
2. The student will participate in clinic to experience longitudinal follow-up of trauma and emergency general surgery patients
3. The student will have extensive opportunity to participate in operations
4. The student will participate in daily teaching rounds, weekly morbidity and mortality reviews and monthly grand rounds
5. Each student will do a case presentation weekly during the rotation

Evaluation is Based on:

1. Direct observation of fund of knowledge and the ability to assimilate complex patient information into a differential diagnosis and treatment plan
2. Patient feedback
3. Quality of oral presentations
4. Case reviews, and
5. Review of EHR documentation

2019-20 4th Year General Surgery Rotation Schedule

<table>
<thead>
<tr>
<th>BLOCK</th>
<th>DATES</th>
</tr>
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<tbody>
<tr>
<td>Block 6</td>
<td>July 29 - August 23, 2019</td>
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<tr>
<td>Block 7</td>
<td>August 26 - September 20, 2019</td>
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<tr>
<td>Block 8</td>
<td>September 23 - October 18, 2019</td>
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<tr>
<td>Block 9</td>
<td>October 21 - November 15, 2019</td>
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<tr>
<td>Block 10</td>
<td>November 18 - December 13, 2019</td>
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Our rotations are only available to students who are planning to specialize in General Surgery and will be applying to our residency programs.

**Step 1: Apply for Elective using the Visiting Student Application System (VSAS)**

- Apply for elective using VSAS https://www.aamc.org/students/medstudents/vsas/
- The host institution for MAHEC is UNC Chapel Hill
- VSAS will open in January
- The elective rotation number for Acute Care Surgery Acting Internship (AI) Rotation is #SURY 439
- The elective rotation number for Critical Care Surgery is #SURS 427
- Complete application process as instructed and provide all required documents (Letter of Good Standing, Immunizations, CV, Transcript, Evaluation Form, Photo)
- The Visiting Student Coordinator with UNC Chapel Hill will confirm receipt of application
- Applications will be reviewed for consideration by program for acceptance (space is limited)
- Once you have completed and submitted all required documents and you have been approved and cleared, you will receive an acceptance email by Chapel Hill and MAHEC

**Step 2: Complete the Onboarding Process for MAHEC**

An affiliate agreement with your school is required before you can start your rotation.

60 days prior to the start of your rotation, submit the following:

- MAHEC Application, Confidentiality Statement, Background Check
- Letter of Good Standing from School to include verification of BBP and HIPAA training
- Current Flu Vaccination
- 9 Panel Drug Test to include: marijuana, cocaine, methamphetamines, benzodiazepines, PCP- phencyclidine, opiates, methadone, barbiturates, and propoxyphene
- Current PPD
- Current Certificate of Insurance (professional liability)
- School Student Evaluation Form
- Additional documents as required by Mission Hospital

Please note: Students will be required to complete a separate onboarding process with Mission Hospital. This onboarding process must be completed at least two (2) weeks prior to the start of your rotation.

For more information, please visit our website at: http://mahec.net/surgery
Questions should be directed to Lisa Keiber at lisa.keiber@mahec.net or 828-255-5856.