

<b>FOURTH YEAR ELECTIVE TITLE</b> <b>Basic Elective in Emergency Medicine</b>		<b>COURSE NUMBER</b> <b>EMED 9012</b>	<b>LOCATION</b> Robert Wood Johnson University Hospital Department of Emergency Medicine MEB 388 New Brunswick, NJ
<b>ELECTIVE DIRECTOR</b> Meigra Chin, MD	<b>ELECTIVE FACULTY</b> Faculty, Department of Emergency Medicine MEB 388 New Brunswick, NJ	<b>ELECTIVE CONTACT</b> Michelle Bardsley Or Meigra Chin, MD	<b>CONTACT INFO</b> PH. 732-235-8783 OR 8717 FAX 732-235-7379 EMAIL: <a href="mailto:chinmm@rwjms.rutgers.edu">chinmm@rwjms.rutgers.edu</a> <a href="mailto:holswomi@rwjms.rutgers.edu">holswomi@rwjms.rutgers.edu</a>
<b>BLOCKS AVAILABLE</b> 1-5;9-10	<b>DURATION/WEEKS</b> MIN: 3 MAX: 4	<b>HOURS PER WEEK</b> 40	<b>STUDENTS</b> MAX: 2 BLOCKS 1-5 1 BLOCKS 9 & 10
<b>LECTURES/SEMINARS</b> YES	<b>OUTPATIENT</b> YES	<b>INPATIENT</b> YES	<b>HOUSESTAFF</b> YES
<b>NIGHT CALL</b> YES	<b>WEEKENDS</b> YES	<b>LAB</b> NO	<b>EXAM REQUIRED</b> NO

**OVERALL EDUCATIONAL GOAL OF ELECTIVE**

Emergency Medicine experience for Visiting Students.

**OBJECTIVES**

- I. Patient care
- II. Medical knowledge
- III. Practice-based learning and improvement
- IV. Interpersonal and communication skills
- V. Professionalism
- VI. Systems-based Practice

1. Demonstrate the ability to obtain an appropriately tailored history and physical exam in the emergent setting. (I, II, IV, V)
2. Demonstrate the ability to synthesize an appropriate differential diagnosis for some of the most common emergency medicine complaints. (I, II, VI)
3. Integrate basic medical knowledge into the ability to care for and make medical decisions in the acutely ill undifferentiated patient (I, II, IV, VI).
4. Demonstrate an intermediate understanding of and ability to perform emergency ultrasonography in patient care. (I, II, VI)
5. Use EM patient care experiences along with appropriate educational resources to improve their understanding of emergency medicine. (III)

### **BRIEF DESCRIPTION OF ACTIVITIES**

1. Students will attend a mandatory EM orientation session.
2. Students will work variety of shifts in emergency department (day, evening, overnight, weekends). The student will pair up with an attending physician for the shift and see patients encompassing the full spectrum of adult emergency department patients. The student will perform an appropriately tailored history and physical exam on patients, discuss the patient with the attending physician and determine a differential diagnosis and appropriate management plan. The student will perform indicated procedures under the supervision of EM attendings and will gather and interpret laboratory and diagnostic results. The students will discuss appropriate disposition of the patient with the EM attending and then institute those disposition plans (complete discharge instructions, communicate with patient's physician, admitting teams, etc).
3. Students will log patient encounters, including at least one critically ill resuscitations (e.g. acute MI, cardiac arrest/life threatening arrhythmia, acute CVA, sepsis, respiratory distress, critically ill GI bleed or surgical pathology), as well as the basics of emergency medicine (chest pain, abdominal pain, altered mental status, dyspnea, blunt trauma, and back pain).
4. Students will participate in US activities under the direction of EM attending physicians, in addition to the basic eFast and aorta exam, the student will also show competency in transabdominal pregnant patients ultrasound exam.
5. Students will attend weekly EM residency lectures, and Grand Rounds if they occur during the student's rotation.

### **METHOD OF STUDENT EVALUATION**

Students will be evaluated by attending faculty in each of the following activities:

1. Work all scheduled EM shifts
2. Complete US scans in ED with faculty
3. Log 1 resuscitation.
4. Receive a satisfactory or better clinical evaluation
5. Optional end of clerkship exam.

**Are there any prerequisites for this elective?** No  Yes  please specify:

The student must have successfully completed the following rotations: Internal medicine, and surgery. Psychiatry, Ob/Gyn and emergency medicine are encouraged but not required.

**Is this elective available to third year medical students as well?** No  Yes

But only if they have completed the above prerequisites.