
Wake Forest University Baptist Medical Center
Patient Simulation Laboratory

CA-3 Rotation Goals and Objectives
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A one-month rotation in the WFUBMC Patient Simulation Laboratory is available for one CA-3 per month during the academic year 2005-2006.

GOALS and OBJECTIVES

- To participate in the week-long simulation curriculum, during applicable months, for anesthesia residents on the “Off-Site” rotation
- To understand the many uses and applications of simulation (both high fidelity and part task simulators) in medical education, and its growing potential in competency evaluation
- To learn about *crisis resource management* (CRM) in anesthesiology and other medical fields
- To gain familiarity with the multiple groups at WFUBMC involved in the PSL
- To demonstrate the potential role of the anesthesiologist in a comprehensive medical center to teach acute critical care, ACLS, and CRM principles
- To involve the residents in teaching of medical students, fellow anesthesiology residents, EMTs/paramedics, ER resident rotators, Internal Medicine and Emergency Department groups, Pediatric code teams, nursing groups (during April and May, CA-3’s will have opportunity teaching graduating medical students the Phase V Simulation Curriculum, which has been rated highest for the last several years, among the Phase V courses, by the graduating groups.)
- To learn about simulation scenario design/programming of the METI HPS and Laerdal SimMan
- In depth review of physiologic and pathophysiologic processes, pharmacology, airway management, monitoring, machine technology, with demonstration on the HPS
- Each resident will be expected to design and program one teaching module of the subject of his/her choice, with appropriate assistance
- Each resident will be expected to complete a project of choice during the month. It may be clinical, mechanical, or educational in nature. It may well be suitable for presentation as an abstract or poster at national or local meetings such as the International Meeting on Medical Simulation, the Society for Education in Anesthesia, the Gulf Atlantic Resident Research Conference, the Society for Technology in Anesthesia, or similar. It may be incorporated in future PSL curriculum. **** This project may satisfy the requirements from the RRC for a senior project. **** If you plan to complete this project in the PSL, I suggest that you try to schedule your PSL month earlier in the year, although you could do groundwork for such a project before starting the month.

The PSL rotation should be an enjoyable month spent reviewing and applying physiologic and pharmacologic principles, practicing new anesthetic techniques, learning

communication and CRM skills, and teaching multiple trainee groups. It will be “low-key,” but full participation of the resident in the PSL’s active daily schedule will be expected.

During this month, the CA-3 will continue to take overnight call in the Main OR call pool, though he/she will be free from daily clinical OR duties (barring unusual and unexpected manpower shortages in the OR). The resident can expect to spend the weekdays of this month from 8 AM till around 4 to 5 PM in the PSL, with the exception of on-call days, when he/she will report to the OR at 3 PM. Of course, on post-call days, the resident is not expected in the PSL.