

RONALD REAGAN UCLA MEDICAL CENTER RESEARCH ELECTIVE GOALS AND OBJECTIVES

GOALS	EDUCATIONAL OBJECTIVES	CLINICAL RESPONSIBILITIES / ACTIVITIES	EVALUATIONS
<p>Patient Care: To maintain the skills acquired during the CAB, CA1, CA2, and/or CA3 clinical rotations.</p>	<p>Residents are expected to demonstrate competence as outlined in the educational objectives for the CA2 or CA3 Clinical Anesthesia Rotations depending on their level of training at the time they participate in the elective.</p>	<ol style="list-style-type: none"> 1. Residents must satisfactorily complete the CA1 year and the first 6 months of the CA2 year of residency in Anesthesiology. 2. Research projects must be approved in advance. 3. Residents will be scheduled non-clinical time to conduct their research. 4. They will take OR call according to departmental policies. 5. On days when research will not be performed, for whatever reason, the residents will report to the OR clinical coordinator for patient care assignments. 	<ol style="list-style-type: none"> 1. End of rotation evaluation. 2. Quarterly meeting with program director.
<p>Medical Knowledge: Residents must demonstrate knowledge about established and evolving biomedical, clinical, and cognate sciences and the application of this knowledge to patient care.</p> <p>To understand the process of research, designing experiments, gathering and analyzing results, and presenting the data to colleagues either at a regional/national meeting or in peer-review journals.</p>	<p>In addition to the objectives outlined for the CA2 or CA3 Clinical Anesthesia Rotation, residents will:</p> <ol style="list-style-type: none"> 1. Learn to comprehend and discuss research topics scientifically. 	<ol style="list-style-type: none"> 1. Residents will gain exposure to either basic science and clinical research performed at a nationally recognized academic university. 2. They will also gain exposure to research faculty members and staffs who are dedicated to advancing the science of medicine. 3. Trainees on this rotation will perform research under the guidance of the mentoring research mentors. 4. Research work may include retrospective studies, prospective studies, population studies, surveys, literature review, case reports, or basic science projects. 5. Residents' instruction is primarily on a one-to-one basis in the context of research. 6. Residents will take call in the main OR. 	<ol style="list-style-type: none"> 1. End of rotation evaluation. 2. Quarterly meeting with program director.
<p>Practice Based Learning: To be able to investigate and evaluate their own patient care practices, appraise and assimilate scientific evidence, and improve their patient care practices.</p>	<p>In addition to the objectives outlined for the CA2 or CA3 Clinical Anesthesia Rotation, residents will:</p> <ol style="list-style-type: none"> 1. Become acquainted with the creative intellectual processes of designing studies. 2. Learn to utilize research tools to obtain objective results. 3. Learn to collect data within the rigid framework of a protocol. 4. Learn to understand the reasons why certain statistical tests are chosen and how to interpret the statistical analysis. 	<ol style="list-style-type: none"> 1. A monthly research journal club will provide an additional forum for residents to learn about research. 2. Residents participation in research are encouraged to present their findings at the Western Anesthesia Research Conference. 3. Residents will take call in the main OR. 	<ol style="list-style-type: none"> 1. Daily faculty-resident interaction in simulation. 2. End of rotation evaluation. 3. Quarterly meeting with program director.

<p>Interpersonal and Communication Skills: To be able to demonstrate communication skills that result in effective information exchange and appropriate interaction with colleagues, surgeons, patients, and ancillary personnel</p>	<p>In addition to the objectives outlined for the CA2 or CA3 Clinical Anesthesia Rotation, residents will:</p> <ol style="list-style-type: none"> 1. Learn to discuss findings in a scientific manner. 2. Learn to write abstracts in order to present the results of the study in a brief, concise way. 3. Learn to give poster presentations to a public audience or present oral abstracts. 4. Learn to write research papers that will best present the findings of the study in a comprehensive, scientific manner. 	<ol style="list-style-type: none"> 1. Modeling by the mentoring faculty. 2. Residents will take call in the main OR. 	<ol style="list-style-type: none"> 1. Daily faculty-resident interaction in simulation. 2. End of rotation evaluation. 3. Feedback from simulation participants. 4. Quarterly meeting with program director.
<p>Professionalism: Residents must demonstrate a commitment to carrying out professional responsibilities, adherence to ethical principles, and sensitivity to a diverse patient population.</p>	<p>In addition to the objectives outlined for the CA2 or CA3 Clinical Anesthesia Rotation, residents will:</p> <ol style="list-style-type: none"> 1. Learn to analyze results fairly no matter if they are positive or negative. 	<ol style="list-style-type: none"> 1. Modeling by the mentoring faculty. 2. Attend conferences where many of these issues are discussed. 3. Residents will take call in the main OR. 	<ol style="list-style-type: none"> 1. Daily faculty-resident interaction in simulation. 2. End of rotation evaluation. 3. Quarterly meeting with program director.
<p>Systems Based Practice: To be familiar with the larger context and system of health care and the ability to effectively call on system resources to provide care that is of optimal value.</p>	<p>In addition to the objectives outlined for the CA2 or CA3 Clinical Anesthesia Rotation, residents will:</p> <ol style="list-style-type: none"> 1. Become acquainted with the rigorous process of obtaining institutional review board approval. 2. Learn how to submit articles to peer-reviewed journals. 	<ol style="list-style-type: none"> 1. Interact with participants from various disciplines in a unique environment, which will require a structured and multidisciplinary approach. 2. Residents will take call in the main OR. 	<ol style="list-style-type: none"> 1. Daily faculty-resident interaction in simulation. 1. End of rotation evaluation. 2. Quarterly meeting with program director.