UCSD DEPARTMENT OF ANESTHESIOLOGY

LEARNING OBJECTIVES FOR RESEARCH ROTATION

I. PATIENT CARE

1. To be eligible for one or two one-month research rotation, residents are expected to demonstrate overall competence in all the clinical learning objective commensurate with their level of training.

2. To be eligible for an extended 6 to 9 months research rotation, residents must demonstrate exceptional clinical expertise and above average performance in anesthesia in-training exams.

II. MEDICAL KNOWLEDGE

1. Be able to discuss subject matter of chosen field of study competently, in depth and breadth, and to faculty research mentor’s satisfaction

2. Present study outcome at a scientific meeting

3. Be able to discuss statistical tools and analysis

4. Be able discuss and defend study design, implementation, outcome, analysis, and conclusion

III. PRACTICE-BASED LEARNING AND IMPROVEMENT

1. Be able to competently critique scientific literature

1. Be able to participate in a study design.

2. Be able to appropriately utilize research tools and information technology.

3. Be able to discuss findings in a scientifically rigorous manner.

4. Present the findings as a poster or paper to a public at Western Anesthesia Resident Conference (WARC), and other regional or national meetings.

IV. INTERPERSONAL AND COMMUNICATION SKILLS

1. Be able to effectively interact, communicate and collaborate with other members of the research group

2. Participate in writing the findings of the study in a comprehensive, scientifically rigorous manner.

V. PROFESSIONALISM

1. Be able to analyze results objectively and without bias
VI. SYSTEMS-BASED PRACTICE

1. Be able to discuss the process of obtaining supervisory board approval (IRB, ESCRO committee, IACUC) for a project

2. Become acquainted with the process of submitting articles to peer-reviewed journals, and research grant proposals.