Curricular Learning Objectives

**Through this curriculum residents should be able to:**

1. Critically analyze current medical literature to evaluate  study strengths and weaknesses and identify potential research opportunities
2. Apply research ethics to study design, data collection and result reporting.
3. Identify appropriate study design methodologies and their limitations for specific research questions
4. Apply appropriate key research methodology including basic biostatistics for data analysis
5. Outline the key components of a meritorious research grant proposal, and identify appropriate local/national pilot grant funding opportunities for new investigators.
6. Describe the components of writing a manuscript, selecting an appropriate journal for publication and the process of peer review
7. Effectively communicate research results via oral or poster presentations