

# CLINICAL RESEARCH

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## Learning Outcomes

1. **KNOW** - Graduates will be able to demonstrate conceptual understanding and proficiency in the core knowledge areas of clinical research that utilize principles/techniques in epidemiology, biostatistics and health services research.
2. **APPLY/CREATE** - Graduates will be able to search the scientific literature and synthesize available evidence in order to identify gaps to advance clinical research and areas in need of further research.
3. **THINK** - Graduates will be able to critically evaluate scientific studies in order to develop best practices for addressing specific clinical issues and/or public health challenges with a clinical focus.
4. **THINK** - Graduates will be able to design and conduct original research studies, and conduct appropriate statistical analyses to address clinical research questions and hypotheses of relevance to specific clinical and/or public health challenges.
5. **COMMUNICATE, PROFESSIONAL PRACTICE** - Graduates will learn how to work as part of a research team, to collaborate well with colleagues and to treat others with respect and consideration as part of the research process.
6. **PROFESSIONAL PRACTICE** - Graduates will conduct themselves with the highest ethical standards in terms of planning, conducting and reporting of research and protection of human and animal subjects.
7. **KNOW, APPLY/CREATE, THINK, COMMUNICATE, PROFESSIONAL PRACTICE** - Graduates will learn how to write scientific reports and journal articles and to conduct oral presentations of their research results.