

# EPIDEMIOLOGY, PH.D.

## LEARNING OUTCOMES

1. Articulate research problems, potentials, and limits with respect to theory, knowledge, and practice of Epidemiology based on understanding of its methodological, biostatistical, and biologic foundations.
2. Assemble, evaluate and synthesize evidence from literature and data sources to formulate ideas, concepts, designs, and/or techniques beyond the current boundaries of knowledge about causes, distribution, and prognosis of diseases and other factors related to health.
3. Demonstrate breadth and depth of knowledge of Epidemiology in a specific substantive area, such as, but not limited to, infectious diseases, genetics, sleep, chronic diseases, environmental, and social epidemiology.
4. Create research that makes a substantive contribution to the knowledge base of Epidemiology.
5. Develop mastery of scholarship in Epidemiology relevant to generate knowledge useful to inform research needs and public health and patient care policies
6. Communicate complex ideas both in writing and orally in a clear and understandable manner.
7. Recognize and apply principles of ethical and professional conduct in their scholarship.