Epidemiology Concentration Competencies

1. Critically review and interpret scientific literature to synthesize evidence, identify gaps and inform public health research and practice.

2. Use epidemiologic concepts and methods to design, implement, and evaluate research studies and public health programs.

3. Select and utilize appropriate epidemiologic data and analytic methods, and interpret the results to inform public health research and practice.

4. Incorporate ethical principles and cultural sensitivity into the design, implementation, analysis, and dissemination for public health research and practice.

5. Communicate epidemiologic concepts and findings orally and in writing in accordance with professional standards to professional audiences, policy makers, and the public.