

**Overall MSPH Competencies**  
**Master of Science in Public Health**  
**University of South Florida, College of Public Health**

Concentration specific competencies are in addition to the following college wide competencies. Within the context of a specific public health career that emphasizes research activities, the *Master of Science in Public Health* graduate will be able to:

1. Critically evaluate scholarly research in public health in terms of scientific rigor, appropriate use of methods and measures, and contribution to science.
2. Investigate and determine socio-ecological factors that affect the health of a population.
  - a. Apply statistical reasoning and methods to address, analyze, and solve problems in public health.
  - b. Apply the study of patterns of death, disease, and disability to the prevention (primary, secondary, and tertiary) of health issues.
  - c. Apply the principles of systems thinking to program planning, implementation, and evaluation in organizational, community, and policy initiatives.
  - d. Apply principles of evidence-based public health to assessment and prevention (primary, secondary, and tertiary) of public health issues.
3. Demonstrate research and evaluation skills pertaining to public health issues.
4. Apply ethical principles guiding the conduct of research on human subjects.

