

## APEX MPH Competencies

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### Foundational Competencies

#### Evidence-based Approaches to Public Health

1. Apply epidemiological methods to the breadth of settings and situations in public health practice.
2. Select quantitative and qualitative data collection methods appropriate for a given public health context.
3. Analyze quantitative and qualitative data using biostatistics, informatics, computer-based programming, and software, as appropriate.
4. Interpret results of data analysis for public health research, policy, or practice.

#### Public Health & Health Care Systems

5. Compare the organization, structure, and function of health care, public health, and regulatory systems across national and international settings.
6. Discuss the means by which structural bias, social inequities, and racism undermine health and create challenges to achieving health equity at organizational, community, and societal levels.

#### Planning & Management to Promote Health

7. Assess population needs, assets, and capacities that affect communities' health.
8. Apply awareness of cultural values and practices to the design, implementation, or critique of public health policies or programs.
9. Design a population-based policy, program, project, or intervention.
10. Explain basic principles and tools of budget and resource management.
11. Select methods to evaluate public health programs.

#### Policy in Public Health

12. Discuss the policy-making process, including the roles of ethics and evidence.
13. Propose strategies to identify stakeholders and build coalitions and partnerships for influencing public health outcomes.
14. Advocate for political, social, or economic policies and programs that will improve health in diverse populations.
15. Evaluate policies for their impact on public health and health equity.

#### Leadership

16. Apply leadership and/or management principles to address a relevant issue.
17. Apply negotiation and mediation skills to address organizational or community challenges.

## **Communication**

18. Select communication strategies for different audiences and sectors.
19. Communicate audience-appropriate (i.e., non-academic, non-peer audience) public health content, both in writing and through oral presentation.
20. Describe the importance of cultural competence in communicating public health content.

## **Interprofessional Practice**

21. Integrate perspectives from other sectors and/or professions to promote and advance population health.

## **Systems Thinking**

22. Apply a systems thinking tool to visually represent a public health issue in a format other than standard narrative.

*\*These competencies are informed by the traditional public health core knowledge areas (biostatistics, epidemiology, social and behavioral sciences, health services administration and environmental health sciences) as well as cross-cutting and emerging public health areas. They are in compliance with the most recent criteria established by The Council on Education for Public Health (CEPH).*

## **Rural and Community Health Competencies**

1. Compare the organization, structure and function of health care, public health and regulatory systems across national and international settings
2. Apply negotiation and mediation skills to address organizational or community challenges
3. Explain basic principles and tools of budget and resource management
4. Apply leadership and/or management principles to address a relevant issue
5. Integrate perspectives from other sectors and/or professions to promote and advance population health.

## **Nutrition Competencies**

1. Apply epidemiological methods to settings and situations in public health practice
2. Apply leadership and/or management principles to address a relevant issue
3. Apply negotiation and mediation skills to address organizational or community challenges
4. Compare the organization, structure and function of health care, public health and regulatory systems across national and international settings
5. Integrate perspectives from other sectors and/or professions to promote and advance population health.