The CEPH 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 or implementation 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 multiple dimensions of 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 principles of leadership, governance and management, which include creating a vision, empowering others, fostering collaboration and guiding decision making
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 public health content, both in writing and through oral presentation
20. Describe the importance of cultural competence in communicating public health content

Inter-professional Practice

21. Perform effectively on inter-professional teams

Systems Thinking

22. Apply systems thinking tools to a public health
The PHP Concentration Specific Competencies

Public Health Practice Competencies are used to ensure that graduates with the MPH in PHP are proficient in key content areas within public health practice, and have the ability to:

1. Describe the origins of current public health and health care dilemmas
2. Examine and evaluate current health policies and propose recommendations for change
3. Create a work team to develop, pilot-test, or implement a policy/practice change
4. Design a planning or evaluation process to monitor and improve an area of concern
5. Understand best practices in community and population health behavioral change
6. Research and propose an innovative new approach to health promotion
7. Create a work team to develop, pilot-test, or implement a health behavioral intervention
8. Apply epidemiological methods to data to answer a public health question
9. Interpret study findings from research literature and apply that knowledge to a public health or health care problem
10. Design a study or develop a research protocol to address a public health problem
11. Employ appropriate quantitative or qualitative methods to analyze data on a public health or health care issue
12. Evaluate outcomes of current practice, programs, research, policies, or procedures
13. Explain the influence of environmental factors on the public’s health
14. Participate in a work teams to address problems in public health and health care
15. Summarize regulations and laws in public health

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