

Division: Community Health Sciences

Students must demonstrate attainment of a minimum of five competencies (not to exceed 10), consisting of:

- At minimum, three foundational competencies.
- At minimum, one division and/or concentration(s) competency.

Please note: competencies should only be listed once and focused on your division/concentration. Do not use a competency for more than one activity. Do not indicate a global health competency if you do not have a concentration in that area.

MPH FOUNDATIONAL COMPETENCIES

Evidence-based Approaches to Public Health

- F1.** Apply epidemiological methods to the breadth of settings and situations in public health practice.
- F2.** Select quantitative and qualitative data collection methods appropriate for a given public health context
- F3.** Analyze quantitative and qualitative data using biostatistics, informatics, computer-based programming and software, as appropriate.
- F4.** Interpret results of data analysis for public health research, policy or practice.

Public Health & Health Care Systems

- F5.** Compare the organization, structure and function of health care, public health and regulatory systems across national and international settings.
- F6.** 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

- F7.** Assess population needs, assets and capacities that affect communities' health.
- F8.** Apply awareness of cultural values and practices to the design or implementation of public health policies or programs.
- F9.** Design a population-based policy, program, project or intervention.
- F10.** Explain basic principles and tools of budget and resource management.
- F11.** Select methods to evaluate public health programs.

Policy in Public Health

- F12.** Discuss multiple dimensions of the policy-making process, including the roles of ethics and evidence.
- F13.** Propose strategies to identify stakeholders and build coalitions and partnerships for influencing public health outcomes.
- F14.** Advocate for political, social or economic policies and programs that will improve health in diverse populations.
- F15.** Evaluate policies for their impact on public health and health equity.

Leadership

- F16.** Apply principles of leadership, governance and management, which include creating a vision, empowering others, fostering collaboration and guiding decision making.
- F17.** Apply negotiation and mediation skills to address organizational or community challenges.

Communication

- F18.** Select communication strategies for different audiences and sectors.
- F19.** Communicate audience-appropriate public health content, both in writing and through oral presentation.
- F20.** Describe the importance of cultural competence in communicating public health content.

Interprofessional Practice

- F21.** Perform effectively on interprofessional teams.

Systems Thinking

- F22.** Apply systems thinking tools to a public health issue.

GLOBAL HEALTH LEARNER OUTCOMES

- G1.** Demonstrate knowledge of the Social Determinants of Health (SDH) and their contribution to the health of populations globally, as well as the influence of SHD (including economic, political and environmental) on programmatic approaches in international settings.
- G2.** Demonstrate a critical understanding of the major causes of morbidity and mortality around the world, and explain how the risk for disease varies within and across regions.
- G3.** Describe the roles and relationships of the major entities influencing global health and development, and how they work to address communicable and non-communicable diseases, including injury, given context specific challenges within countries and regions.
- G4.** Demonstrate an ability to use systems thinking to analyze programs at the local, national and international levels.
- G5.** Apply ethical reasoning to the design, implementation, or evaluation of global health programs, policies, or practice.

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COMMUNITY HEALTH PRACTICE & METHODS

- CHPM 1.** Analyze the socio-political, cultural and economic influences that produce inequitable risk and protective factors influencing the health of a community.
- CHPM 2.** Design theoretically-driven public health interventions in the form of programs, services, policies, and actions, including implementation and monitoring components, to address identified community health problems or conditions.
- CHPM 3.** Incorporate appropriate planning models and health education and health promotion theories into a community health assessment and improvement activity.
- CHPM 4.** Plan and conduct an evaluation that includes appropriate quantitative, qualitative, policy or economic analyses of the intervention's outcomes and community impact.
- CHPM 5.** Incorporate an understanding of power relations and ethical considerations in career planning and leadership development

MATERNAL AND CHILD HEALTH COMPETENCIES

- MCH 1.** Apply knowledge of demographic, health, familial, sociocultural and community factors to the design of MCH programs and services.
- MCH 2.** Analyze gaps in existing MCH delivery systems for various MCH populations (e.g., pregnant women, adolescents, CSHCN) and for various MCH issues (e.g., childhood obesity, bullying of LGBTQ youth, well-women care) in order to develop strategies to promote and ensure integrated service systems for MCH populations.
- MCH 3.** Collect and summarize data relevant to a particular MCH problem or issue, identify alternative policy responses to a particular MCH problem, and develop one or more policy options (legislative, administrative, legal) to address this MCH problem.
- MCH 4.** Demonstrate a vision for professional leadership in MCH public health.
- MCH 5.** Demonstrate critical thinking through skillful verbal, non-verbal, and written communication on key social constructs and assumptions that influence public health inquiry and maternal and child health practice and policies.

MATERNAL AND CHILD HEALTH EPIDEMIOLOGY COMPETENCIES

- MCHEPI 1.** Identify key sources of population data needed to answer questions of interest in maternal and child health.
- MCHEPI 2.** Identify key variables and designs that are routinely considered in reproductive, perinatal and pediatric epi analyses.
- MCHEPI 3.** Synthesize population data to inform the design, implementation and/or enhancement of MCH public health programs.
- MCHEPI 4.** Use a variety of epidemiologic and statistical methods appropriate to answer questions under investigation.
- MCHEPI 5.** Communicate key health status and health service issues to policy and advocacy stakeholders.