**Master List of Master Lists of Desired MPH Skills**

Data access, management, and analysis: See FC 1 - 4

* Demonstrate the ability to find and use data to support ideas
* Critically assess public health issues in terms of magnitude
* Data analysis, interpretation, and dissemination (qual and quant)
* Apply appropriate epidemiological and statistic principles
* Data management

Plan, implement, and evaluate programs: See FC #7, 9, 10, 11

* Needs assessment
* Survey construction
* Research methods/study designs/eval techniques
* Create logic model/systems thinking to describe existing programs, plan programs, and predict program success/failure
* Develop and work within a budget
* Independently plan and implement project in collaboration with community partners
* Conduct four phases of public health approach

Public Health Basics

* Healthcare resource knowledge: FC #5
* Link and understand PH practice to 10 essential services and three core functions FK#2
* Be conversant in five core disciplines of PH
* Explain the connection between the environment and human health: FK #7

Communication: See FC #18-20

* Health communications to diverse lay and academic audiences
* Develop social marketing materials to market PH interventions (audience segmentation, channel analysis, etc.), infographics
* Cross-cultural communication
* Technical writing skills

Other

* Group cooperation/leadership FC #16/17??
* Technological skills applicable to PH
* Grant writing