

## **PhD in Economic Evaluation and Policy Program Learning Objectives**

- 1) Demonstrate knowledge of the development and implementation of health policy.
  - 1.1 Analyze major public health problems in the US and provide examples of how health and health care policies have effectively reduced these health problems.
  - 1.2 Link social, economic and political contexts to population health and health care policy formation using prominent conceptual models.
  - 1.3 Constructing policy alternatives
  - 1.4 Assess the selection of a policy from among different options.
  - 1.5 Identify the role that various government agencies and officials, including public health agencies, play in the formation and implementation of policy, and the role of law and regulation.
  
- 2) Demonstrate knowledge of the issues, research literature, conceptual frameworks and research tools of economic evaluation and policy.
  
- 3) Demonstrate knowledge of the organization and financing of healthcare services and their public health impact.
  - 3.1 Critique the financing and organization of healthcare services in the United States
  - 3.2 Critique theoretical and conceptual models relevant to healthcare seeking, access, use, quality, costs, health, health policy and healthcare decision-making.
  
- 4) Conduct research from conception of ideas through study design, selection and application of appropriate analytic methods, interpretation of results and publication of findings.
  - 4.1 Pose innovative and unique research questions, informed by structured reviews of the literature and relevant theoretical and conceptual models; formulate testable hypotheses to address these questions.
  - 4.2 Select appropriate experimental, quasi-experimental, and observational study designs to address specific research questions and be able to argue in favor of a specific design as the most appropriate; design studies to minimize bias and maximize generalizability.
  - 4.3 Develop and implement research protocols that ensure adherence to ethical standards; prepare an application for IRB approval.
  - 4.4 Obtain appropriate data sources from which sufficient variables can be validly measured to operationalize study constructs necessary for testing specific hypotheses.

4.5 Analyze data using appropriate epidemiological, statistical, econometric, economic evaluation or other qualitative research techniques.

4.6 Communicate research findings in oral and written form; place research findings in the context of current knowledge; identify limitations and further areas for research; discuss policy implications and public health significance of findings.

5) Communicate scientific findings through written and oral methods to technical and lay audiences.

5.1 Write manuscripts of publishable quality for the peer reviewed literature that describe and explain research findings.

5.2 Teach other students basic introductory materials in the student's general area of expertise.