



MPH Integrated Learning Experience (Capstone Project)

PLEASE DOWNLOAD THE FORM BEFORE FILLING IT OUT

INSTRUCTIONS

Complete the form below. Email the electronic form to your Preceptor for their electronic signature. Next, send the form to your Faculty Advisor for their review and signature. Once you have received all signatures email the proposal along with your CITI Module confirmation to the MPH Project Coordinator, Amelia Hurt (amehurt@ui.edu). All four signatures (including yours) are required before you can register for the project course.

STUDENT INFORMATION

Student Name: _____

Student ID No.: _____

Faculty Advisor: _____ **Concentration:** _____

Student Email: _____

PROJECT SITE INFORMATION

Project Site: _____

Preceptor's Name: _____

Preceptor's Job Title: _____

Preceptor's Phone: _____

Preceptor's Email: _____

Project Site Mailing Address: _____

DURATION AND ENROLLMENT INFORMATION

Project Start Date: _____

Approximate End Date: _____

Semester of Enrollment: _____

(Select the semester during which you want to enroll in the Final Project course for 3 credit hours. You cannot retroactively add courses to previous terms. The project course must be taken during your final semester of the program.)

BRIEF DESCRIPTION OR OUTLINE OF THE PROJECT:

PROJECT OBJECTIVES

List up to 5 learning objectives for your research project experience and link them to one or more of the MPH program competencies. At least 3 should be related to the core concentration skills (included below).

COMPETENCIES

CORE CONCENTRATION SKILLS

EPI	√	SBS	√	HPM	√	ENV	√	BIOS	√
Data collection and management		Population assessment		Policy development and analysis		Hazard identification and analysis		Data management	
Statistical analysis		Program planning and collaboration		Strategic planning, organizational development		Hazard prevention and control		Descriptive analysis	
Report preparation		Program evaluation		Budget development and management, evaluation		Policy analysis		Translation of research questions into statistical questions	

SPECIFIC ACTIVITIES OF THE PROJECT:

Please be descriptive and include any information regarding data analysis, products expected, etc.

PRECEPTOR QUALIFICATIONS FOR INTERNSHIPS AND FINAL CONCENTRATION RESEARCH PROJECTS

1. Preceptor meets one of two educational requirements: Graduate/professional degree, or baccalaureate degree plus a minimum of three years of work experience in his or her current position.
2. Preceptor has adequate decision-making authority at the agency/internship site.
3. Preceptor can facilitate a broad spectrum of learning opportunities.
4. Preceptor is committed to devoting sufficient time to teach and supervise the student.
5. Preceptor is practicing in the student's concentration area, if serving as the preceptor for the final project.

Project Preceptor's Signature:

MPH Student's Signature:

Faculty Advisor's Signature:

Project Coordinator's Signature:

Please provide your electronic signature by typing your name and the date above.

FOR ADMINISTRATIVE USE ONLY

CITI Online Module Confirmation Received Conflict of Interest Statement Signed Authorization to Enroll Given

MPH PROGRAM CORE COMPETENCIES

1. Use biostatistical methods to analyze and report public health data.
2. Specify approaches to assess, prevent and control environmental and occupational hazards to human health and safety.
3. Use epidemiologic methods to collect, study, analyze and report the patterns of disease in human populations for diverse audiences.
4. Identify and analyze the components and issues of leadership, including financing and delivery of public health services and systems.
5. Apply policy process, development and analysis methods to address current national, state and local public health issues.
6. Identify social and behavioral science factors, theories and models, and develop, implement and evaluate interventions designed to positively affect health behaviors in populations.
7. Collect and disseminate public health data through the use of technology and media.
8. Explain how human biology influences health and public health practice.
9. Exhibit high standards of personal and organizational integrity, compassion, honesty and respect for all people.
10. Use systems methods to analyze the effects of political, social and economic influences on public health systems at the individual, community, state, national and international levels.
11. Demonstrate the impact of diversity and culture on public health across discipline areas.
12. Demonstrate an understanding of the basic ethical and legal principles pertaining to the collection, maintenance, use and dissemination of public health data.

BIostatISTICS CONCENTRATION COMPETENCIES

- B1. Describe basic concepts of probability, random variation and commonly used statistical probability distributions.
- B2. Apply descriptive techniques commonly used to summarize public health data.
- B3. Apply common statistical methods for inference.
- B4. Apply descriptive and inferential methodologies according to the type of study design for answering a particular research question.
- B5. Interpret results of statistical analyses found in public health studies.
- B6. Develop written and oral presentations based on statistical analyses for both public health professionals and educated lay audiences.

ENVIRONMENTAL HEALTH SCIENCE CONCENTRATION COMPETENCIES

- EH1. Describe federal and state regulatory programs, guidelines and authorities that control environmental health issues.
- EH2. Specify current environmental risk assessment methods.
- EH3. Specify approaches for assessing, preventing and controlling environmental hazards that pose risks to human health and safety.
- EH4. Explain the general mechanisms of toxicology and eliciting a toxic response to various environmental exposures.
- EH5. Discuss various risk management and risk communication approaches in relation to issues of environmental justice and equity.

EPIDEMIOLOGY CONCENTRATION COMPETENCIES

- E1. Understand and apply descriptive epidemiology to assess health status and the burden of disease in populations.
- E2. Understand, apply, and interpret epidemiologic research methods and findings to the practice of public health.
- E3. Demonstrate the ability to identify and use existing sources of epidemiologic data at the local, state, national, and international level.
- E4. Understand the key components of public health surveillance and public health screening programs.
- E5. Develop written and oral presentations based on epidemiologic analyses for both public health professionals and lay audiences.
- E6. Demonstrate a basic level of epidemiologic data management and analysis using software such as SAS.

HEALTH POLICY AND MANAGEMENT COMPETENCIES

- H1. Discuss the policy process for improving the health status of populations.
- H2. Apply principles of strategic planning and organizational development to public health agencies.
- H3. Demonstrate communication, leadership skills required for building community, organizational capacity.
- H4. Apply the principles of budgeting, management and performance evaluation in organizational and community initiatives.

SOCIAL AND BEHAVIORAL SCIENCE COMPETENCIES

- S1. In collaboration with others, prioritize individual, organizational, community, and societal concerns and resources for public health programs, policies and interventions.
- S2. Describe steps and procedures for the planning, implementation and evaluation of public health programs, policies and interventions.
- S3. Apply evidence-based approaches in the development, implementation, and evaluation of social and behavioral science interventions in diverse populations.
- S4. Identify basic theories, concepts and models from a range of social and behavioral disciplines that are used in public health research and practice.
- S5. Identify the causes and conditions linked to social and behavioral factors that affect health of individuals and populations.
- S6. Specify multiple targets and levels of intervention for social and behavioral science programs and/or policies.