

Practice Experience Proposal

Louisiana State University Health Science Center School of Public Health

Complete this form with your Academic Advisor and Practice Site Preceptor one semester prior to registering for PUBH 6800: Practice Experience. Submit the completed and signed form to the practice experience office for approval.

Student Name

Academic Program

Academic Program

Name of Organization/Agency

Mission of Organization/Agency

Preceptor's Name

Job Title

Phone

E-mail

Project Title

Brief Description of the Proposed Project

Start Date

End Date

Student's Work Schedule

Select the box next to the competencies that will be applied during your practice experience. Select at least five competencies, of which at least three must be foundational competencies.

List of Foundational Competencies

Evidence-based Approaches to Public Health

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

Public Health & Health Care Systems

- Compare the organization, structure and function of health care, public health and regulatory systems across national and international settings
- Discuss the means by which structural bias, social inequities and racism undermine health and create challenges to achieving health equity at organizational, community and systemic levels

Planning & Management to Promote Health

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

Policy in Public Health

- Discuss the policy-making process, including the roles of ethics and evidence
- Propose strategies to identify relevant communities and individuals and build coalitions and partnerships for influencing public health outcomes
- Advocate for political, social or economic policies and programs that will improve health in diverse populations
- Evaluate policies for their impact on public health and health equity

Leadership

- Apply leadership and/or management principles to address a relevant issue
- Apply negotiation and mediation skills to address organizational or community challenges

Communication

- Select communication strategies for different audiences and sectors
- Communicate audience-appropriate public health content, both in writing and through oral presentation to non-academic, non-peer audience with attention to factors such as literacy and health literacy
- Describe the importance of cultural humility in communicating public health content

Interprofessional Practice

- Integrate perspectives from other sectors and/or professions to promote and advance population health

Systems Thinking

- Apply a systems thinking tool to visually represent a public health issue in a format other than standard narrative

Program Specific Competencies

Biostatistics and Data Science Competencies	
<input type="checkbox"/>	Apply principles of inferential statistics and data science to analyze various types of health-related data and decision-making.
<input type="checkbox"/>	Apply hypothesis tests for public health and medical-related research questions, select appropriate statistical methods based on the study objectives and data type, and draw conclusions based on the testing results.
<input type="checkbox"/>	Evaluate public health and medical studies and design suitable power analysis and sample size calculations.
<input type="checkbox"/>	Apply software and programming skills for data acquisition, management, cleaning, visualization, and analysis.
<input type="checkbox"/>	Apply expertise to advise researchers and public health professionals on translating research questions into testable hypotheses to advance public health.
<input type="checkbox"/>	Develop skills in communication, interpretation, and presentation of research findings to collaborators or clients
Community Health Science and Policy Competencies	
<input type="checkbox"/>	Apply behavioral health theories to community health approaches.
<input type="checkbox"/>	Assess the impact of community-based interventions on public health outcomes.
<input type="checkbox"/>	Demonstrate proficiency in planning and evaluating ethical and culturally aligned public health programs/interventions.
<input type="checkbox"/>	Apply management practices to decision-making in public health.
<input type="checkbox"/>	Develop, analyze, and evaluate policies for improving health programming.
<input type="checkbox"/>	Evaluate potential solutions to health issues affecting individuals and populations, including health disparities through a socio-ecological lens. .
Environmental Health, Climate and Sustainability Competencies	
<input type="checkbox"/>	Identify and assess health impacts of environmental hazards.
<input type="checkbox"/>	Appraise and communicate the science on climate change and sustainable solutions.
<input type="checkbox"/>	Develop and evaluate policies to equitably address hazards and risks.
<input type="checkbox"/>	Analyze and interpret data related to hazards, risks and impacts.
<input type="checkbox"/>	Facilitate resilience and adaptation through geospatial planning to address vulnerabilities and risks.
Epidemiology and Population Health Competencies	
<input type="checkbox"/>	Critique the design, analysis and evaluation of an epidemiologic study.
<input type="checkbox"/>	Distinguish the major sources of bias in epidemiology research and literature and the ways to evaluate and reduce the bias.
<input type="checkbox"/>	Apply and perform epidemiologic analyses using linear, logistic, Cox and Poisson regression using a standard statistical package (e.g. SAS, R, or STATA).
<input type="checkbox"/>	Perform data analysis to evaluate data for confounding and effect modification (interaction) applying the tools of causal inference in epidemiology.
<input type="checkbox"/>	Effectively communicate epidemiologic information to diverse audiences in diverse settings.
<input type="checkbox"/>	Apply evidence-based management practices and quality improvement concepts to address health care organization and delivery issues.
<input type="checkbox"/>	Analyze the impact of political, social, and economic policies on health systems at the local, state, national, and international levels and formulate solutions to key problems.

Complete all sections below. Practice-based products that demonstrate MPH competency achievement. *Each of the selected competencies must be paired with a deliverable. **Work activities support the creation and completion of products for the organization's use. ***Students must create at least two deliverables. Deliverables are tangible and functional products that the organization can adopt such as a strategic plan, community health assessment, data analysis report and/or policy brief.

Competencies as defined above that are documented through product*

Work Activities**

Deliverable product in portfolio that demonstrate competencies***

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Work Activities**

Deliverable product in portfolio that demonstrate competencies***

Choose one competency and written deliverable product to continue in PUBH 6600: Culminating Experience ****

**Practice Experience Proposal
Signature Page**

Students' Academic Advisor must sign this form acknowledging they discussed these competencies with the student and the student has the knowledge and skills to demonstrate the work proposed.

Student's Signature: _____ Date: _____

Preceptor's Signature: _____ Date: _____

Student Advisor's Signature: _____ Date: _____

Course Director's Signature: : _____ Date: _____