CHS 441
Planning and Evaluation of
Global Health Programs

Fall 2012
Monday 3:00 – 5:50 PM
CHS 61-235

Instructor:

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Course Description:

This 4 unit graduate course focuses on the practical problems in the planning, design, implementation, and evaluation of primary health care (PHC) programs in developing countries. Students design a primary health care program addressing community participation, needs assessment, training and supervision of staff, approaches to sustainability, logistics of service delivery, and a monitoring, and evaluation plan.

Prerequisites:

CHS 200, Graduate Student Status, or Consent of Instructor

Required Text:

All readings (with full-citations) are posted online in the class Moodle account. Additional readings will be provided by instructor.

Evaluation:

In this course you will design a primary health care program proposal given budgetary and local constraints. Working groups will be formed, and each group will select a country where Child Survival Program grants are awarded. You will consider the following areas in the design of your PHC program proposal: community participation, needs assessment, setting goals and objectives, staffing, selection and training of staff, selection and integration of interventions, information system needs, budgeting, and monitoring & evaluation. Student evaluation will be based on class participation, and three group assignments that will be built upon one another, culminating in a complete PHC project proposal.
Students will be evaluated on the following parameters:

Class participation: 10%
Group Assignment I: 30%
Group Assignment II: 30%
Group Assignment III: 30%

**DUE DATES:**
Assignment I: October 22, 2012
Assignment II: November 12, 2012
Assignment III: December 7, 2012
**Course Objectives and Competencies:**
By the end of this course students will be able to:

<table>
<thead>
<tr>
<th>Objective</th>
<th>ASPH MPH Competency</th>
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<tr>
<td>1. Assess the primary health care health needs of a target population.</td>
<td>C.3 Describe a public health problem in terms of magnitude, person, time, and place</td>
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<tr>
<td>2. Develop and conduct an epidemiologic assessment of a target population.</td>
<td>C.7 Calculate basic epidemiology measures E.3 Identify individual, organizational and community concerns, assets, resources and deficits for social and behavioral science interventions</td>
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<tr>
<td>3. Develop a Primary Health Care Program plan to address identified needs.</td>
<td>E.3 Identify individual, organizational and community concerns, assets, resources and deficits for social and behavioral science interventions E.4 Identify critical stakeholders for the planning, implementation and evaluation of public health programs, policies and interventions E.8 Apply evidence-based approaches in the development and evaluation of social and behavioral science interventions. G.10 Develop public health programs and strategies responsible to the diverse cultural values and traditions of the communities being served K.1 Describe how social, behavioral, environmental and biological factors contribute to specific individual and community health outcomes. K.2 Describe the tasks necessary to assure that program implementation occurs as intended K.4 Explain the contribution of logic models in program development, implementation and evaluation. K.5 Differential among goals, measurable objectives, related activities and expected outcomes for a public health program.</td>
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<tr>
<td>4. Plan an appropriate process, outcome and impact evaluation strategy for a PHC program</td>
<td>E.4 Identify critical stakeholders for the planning, implementation and evaluation of public health programs, policies and interventions G.10 Develop public health programs and strategies responsible to the diverse cultural values and traditions of the communities being served</td>
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<td><strong>K.2 Describe the tasks necessary to assure that program implementation occurs as intended</strong></td>
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<td><strong>K.3 Explain how the findings of a program evaluation can be used</strong></td>
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<td><strong>K.6 Differentiate the purposes of formative, process and outcome evaluation.</strong></td>
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<th><strong>5. Prepare a PHC program budget</strong></th>
<th><strong>K.8 Prepare a program budget with justification</strong></th>
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Course Schedule

Week 1: October 1

Course Overview
Introduction: Design of PHC Projects

Description:
Introduction to overall objectives, expectations and project design

Learning Objectives:
Upon completion of this session, you will be able to do the following:

- Describe the basic aims, content and approaches of the course
- Describe the purpose and process of working in groups
- Identify the major components in PHC project design that will be addressed in the course

Readings:
- Alma Ata Declaration 1978.pdf
- How to do a stakeholder analysis.pdf
- Program planning and proposal writing.pdf

Week 2: October 8

Needs Assessment

Description:
Doing the needs assessment
Use of cluster surveys to obtain information

Learning Objectives:
Upon completion of this session, you will be able to do the following:

- List the methodology for collecting the data that will be used to establish needs/priorities, and to monitor project activities. Include the general categories and sources of data to be collected; the qualitative and quantitative methodology to be used in data collection; a description of the sequence of data collection and the project planning process
- Understand how to obtain the information on the needs for your program
- Outline basic PHC project survey methods

Readings:
References:
- Adapting a developing country epidemic A in developed countries (2005).pdf
- Community assessment and planning process (MEASURE) 2009.pdf
- Formal methods of information gathering and appraisal.pdf
- Guide to assessment process for household and community IMCI.pdf

Week 3: October 15

Proposal Components and Development

Description:
Proposal components and development
Setting goals and objectives

Learning Objectives:
Upon completion of this session, you will be able to do the following:

- Explain the main guiding principles used in developing a project proposal, its component parts and be able to critique a sample proposal
- Describe the characteristics and give one example of a goal, a measurable objective, and the indicator corresponding to the objective which is suitable for a PHC project
- Define and explain why you might want to select objectives which relate to the inputs, outputs, processes, outcomes and impact of your project

Readings:
- Doing a logical framework.pdf
- Setting SMART Goals and Objectives (2006).pdf
- Getting to the truth- Researching user views of PHC.pdf
- Reaching communities for child health and nutrition.pdf
- Strengthening Health systems in poor countries-a code of conduct (2008).pdf
- Sustainability of health care-a framework for analysis.pdf
- AusAID Logical Framework Guidelines. pdf

Week 4: October 22

Project Information Needs

Description:
Addressing project information needs

Learning Objectives:
Upon completion of this session, you will be able to do the following:
• Describe the main functions of a PHC project health and management information system (HMIS)
• Explain the guiding principles for determining the specific data to be included in a management information system
• Describe the cycle of data collection, compilation, use and feedback.

Readings:
• Assessing a computerized routine HIS in Mali using LQAS.pdf
• Assessing PHC information needs.pdf
• Design of community-based health information systems.pdf
• Health information for PHC.pdf
• Improving monitoring of immunization services in Kyrgyzstan.pdf

Week 5: October 29

American Public Health Association 140th Annual Meeting

Week 6: November 5

Human Resource Needs

Description:
Human resource needs for PHC projects

Learning Objective:
Upon completion of this session, you will be able to do the following:

• Outline essential human resource management components for a PHC project
• Calculate personnel requirements

References:
• Are vaccination programs delivered ...h workers cost effective (2009).pdf
• How can we achieve and maintain high-quality performance.pdf
• Motivation and retention of health workers in developing countries (2008).pdf
• Planning and Assessing Health Worker Activities.pdf

Training and Supervision

Description:
Training, supervision and support of staff
Learning Objectives:
Upon completion of this session, you will be able to do the following:

- List and describe the most important considerations in planning training for PHC workers
- Describe the major functions of supervision and support of CHWs, and the most commonly encountered obstacles to effective supervision

Readings:
- Improved PHC through systematic supervision.pdf
- Supervision_MSH.pdf
- WHO Human Resource Supervision guidelines for primary healthcare.pdf

Week 7: November 12

No Class: Veterans Day

Week 8: November 19

Community Participation

Description:
Community participation in health projects
Deciding what community participation means for your project

Learning Objectives:
Upon completion of this session, you will be able to do the following:

- Define what community participation means
- Explain why community participation from the beginning is essential to the success of PHC projects

Reading:
- Introduction.pdf
- Table of contents.pdf
- Chapter 1-prepare to mobilize.pdf
- Chapter 2-Organize the community.pdf
- Chapter 3-explore the health issue.pdf
- Chapter 4-plan together.pdf
- Chapter 5-act together.pdf
- Chapter 6-Evaluate together.pdf
- Chapter 7-Scale up.pdf
- finalcover.pdf
- Community participation in health-perpetual allure, persistent challenge.pdf
- Community participation lessons for... and child health Lancet (2008).pdf
Week 9: November 26

Planning for an Evaluation

Description:
Planning for the evaluation of primary health care programs

Learning Objectives:
Upon completion of this session, you will be able to do the following:

- Describe the main types and uses of project evaluation
- Compare internal and external evaluation
- Describe the steps in carrying out a project evaluation

Readings:

Week 10: December 3

Budget and Finance

Description:
Budgeting and Financial Management

Learning Objectives:
Upon completion of this session, you will be able to do the following:

- Describe the key components and considerations in preparing a project budget
- Explain the difference between line-item and activity budgets

Readings:
- Managing externally financed projects--the integrated PHC project Bolivia.pdf