FALL 2016: MHCH 722: Global Maternal and Child Health

Instructor:
Kavita Singh PhD, MPH

Office-Department of Maternal and Child Health- Room 429 Rosenau Hall
Tel: 919-843-5920
Email: kavita_singh@unc.edu
Office Hours: contact instructor to select a meeting time

Credit: 3 semester hours

Prerequisites: Enrollment in graduate study in MCH or permission of instructor

Time and Location: Wednesday: 10:10am to 1:10pm in McG 1305

Course Objectives:
- To gain substantive knowledge of the key issues in global maternal and child health.
- To understand the demography of MCH in developing countries
- To learn to think critically about programs, research and policy involving maternal and child health.

Competencies Addressed:
1. Community and Informatics
2. Diversity and Cultural Competency
3. Leadership
4. Professionalism and Ethics
5. Program Planning
6. Systems Thinking

Readings: should be done before the class session

Assignments:
1) Research Paper – 30%
2) Group Presentation – 30%
3) Participation/Attendance – 10%
4) Final Exam – 30%

Grading: In keeping with the School of Public Health policy the following grades will be used:
H (clear excellence), P+ (superior), P (good), L (low passing), F (failed)
### Class Schedule

<table>
<thead>
<tr>
<th>Date</th>
<th>Topic</th>
<th>Lecturer</th>
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<tr>
<td>8/24</td>
<td>Introduction to Global Maternal and Child Health</td>
<td>Kavita Singh</td>
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<tr>
<td>8/31</td>
<td>Maternal Health</td>
<td>Kavita Singh</td>
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<td></td>
<td>1) Main Causes of Maternal Mortality</td>
<td>Kavita Singh</td>
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<td>2) Antenatal Care, Skilled Delivery and Postpartum Care</td>
<td>Kavita Singh</td>
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<td>9/7</td>
<td>1) Conceptual Frameworks in Maternal and Child Health</td>
<td>Kavita Singh</td>
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<td>2) Key Measures in Maternal and Child Health</td>
<td>Kavita Singh</td>
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<td>9/14</td>
<td>Under-nutrition During Pregnancy and in Children Under Five</td>
<td>Kavita Singh</td>
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<td>9/21</td>
<td>Social Factors and Maternal and Child Health</td>
<td>Kavita Singh</td>
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<td>9/28</td>
<td><strong>Group Presentation:</strong> Obstetric Fistula</td>
<td>Kavita Singh</td>
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<td><strong>Group Presentation:</strong> Gender Differentials and Under-five Mortality</td>
<td>Kavita Singh</td>
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<td>10/5</td>
<td>Neonatal Health</td>
<td>Lara Vaz /Kavita Singh</td>
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<td><strong>PAPER DUE AT THE BEGINNING OF CLASS</strong></td>
<td>Saving Newborn Live/MCH Dept</td>
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<td>10/12</td>
<td>Fall Break-No Class</td>
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<td>10/19</td>
<td>1) Infant and Young Child Feeding</td>
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<td>2) <strong>Group Presentation:</strong> Cash Transfers and Under-five Health</td>
<td>1)Catherine Sullivian</td>
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<td>MCH Dept</td>
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<td>2)Kavita Singh</td>
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<td>10/26</td>
<td>Leading Causes of Under-five Mortality: Pneumonia, Diarrhea and Malaria</td>
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<td>11/2</td>
<td>1) Vaccine Preventable Diseases/Program Approaches</td>
<td>Kavita Singh</td>
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<td>2) <strong>Group Presentation:</strong> Zika Virus and Maternal and Child Health</td>
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<td>11/9</td>
<td>Preventing Mother to Child Transmission of HIV</td>
<td>Kavita Singh</td>
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<td>11/16</td>
<td>Quality Improvement and MCH</td>
<td>Pierre Barker and Kavita Singh</td>
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<td>11/23</td>
<td>No class-Thanksgiving Break</td>
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<tr>
<td>11/30</td>
<td>MCH and Complex Emergencies/Conflicts</td>
<td>Dilshad Jaff</td>
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<tr>
<td>12/7</td>
<td><strong>FINAL EXAM</strong></td>
<td>Kavita Singh</td>
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Honor Code

There is an expectation that students will follow the University’s Honor Code. Academic honesty and integrity are principles that are followed at UNC and in this class. It is essential that assignments represent each student’s own work. When unsure of whether or not to reference a paper, err on the side of citing the source. Please see UNC’s statement on the honor code for more information.

Valuing, Recognizing, and Encouraging Diversity

Promoting and valuing diversity in the classroom enriches learning and broadens everyone’s perspectives. Inclusion and tolerance can lead to respect for others and their opinions and is critical to maximizing the learning that we expect in this program. This may challenge our own closely held ideas and personal comfort zones. The results, however, create a sense of community and promote excellence in the learning environment. This class will follow principles of inclusion, respect, tolerance, and acceptance that support the values of diversity.

Diversity includes consideration of (1) the variety of life experiences others have had, and (2) factors related to “diversity of presence,” including, among others, age, economic circumstances, ethnic identification, disability, gender, geographic origin, race, religion, sexual orientation, social position. Please see the SPH’s website for more information on diversity and inclusion.

Course Evaluation

At the end of the fall semester you will be asked to fill out a course evaluation form. Your feedback and suggestions are valued and needed to make improvements in this course as well as other courses.
READING LIST: MHCH 722
http://sakai.unc.edu/

August 24th: Introduction to Global Maternal and Child Health


Kerber, K et al. (2007). Continuum of care for maternal, newborn, And child health: from slogan to service delivery. The Lancet 2007; 370:1358-1369


August 31st: Maternal Health

Guliani, H. et al (2012). What impact does contact with the prenatal care system have on women’s use of facility delivery? Evidence from low-income countries. Social Science & Medicine, 74(12),1882-1890.


September 7th: Conceptual Frameworks in Maternal and Child Health


UNICEF’s Conceptual Model on Maternal and Child Under-nutrition
http://www.unicef.org/nutrition/training/2.5/4.html - UNICEF model

Bring computer to class or a hardcopy of a Demographic and Health Survey Report

**September 14th: Nutrition During Pregnancy/Children and Nutrition**


**September 21st: Social Factors and MCH**


**September 28rd: Group Presentations**

**October 5th: Neonatal Health**


October 19th: Infant and Young Child Feeding/Group Presentation


October 26th: Main Causes of Under-five Mortality: Diarrhea, Pneumonia and Malaria


November 2nd Vaccine Preventable Diseases/Program Approaches/Zika Virus Group Presentation


November 9th: HIV During Pregnancy/PMTCT

Barker, P et al.(2011) Antiretroviral drugs in the cupboard are not enough: the impact of health systems' performance on mother-to-child transmission of HIV. Journal of Aquired


**November 16th: Quality Improvement and MCH**


**November 30th: Complex Emergencies and MCH**


