Course Overview

This undergraduate course serves as an introduction to the field of maternal and child health, focusing on major issues affecting the health and well-being of children and families over the life span. The course will emphasize health promotion, disease prevention, and supportive programs at different stages of a child's life. The course will also utilize the application of a Life Course Health Development framework to understand health disparities and implications for policy and practice.

HPM 140 is intended to give students a broad overview of the field of maternal and child health; the factors that determine the health status of mothers and children; important issues facing children and families in the U.S.; and an understanding of the child health service system (components and function); and how programs are designed to meet the needs of children and families.

At the end of this course, students should have knowledge and understanding of the following:

1. Historical development of maternal and child health practice
2. Life Course Health Development model
3. The importance of social determinants of health and illnesses
4. Selected issues for modern MCH populations
5. Characteristics of the current health care systems and implications for children
6. Basic principles and theories of population-based health promotion

In addition to the broad objectives above, students should be able to explore the design of maternal and child health programs and services and to evaluate the strengths and weaknesses of each. Students will be able to critically analyze disparities in health status based on
racial/ethnicity, socio-economic status, and gender; to identify essential gaps in existing maternal and child health programs; and to promote cultural competence concepts in diverse maternal and child health settings.

**Course Requirements**

**Exams:** There will be two in class quizzes, worth 20% each on 1/30/20 and 2/27/20. No Make-up exam will be given under any circumstances. **Failure to take the exam during the scheduled class time will result in a score of zero for that exam.**

**Class Participation:** Class participation, reflecting an understanding of the course readings and lectures, is required and will make up 10% of your final grade. Participation will be measured by actively contributing during discussions with questions, comments, and reflections.

For students who do not feel comfortable speaking up in class, please see the Course Coordinator about strategies to participate in class so as not to adversely affect this portion of your grade.

**Final Exam:** The in-class final exam will include the materials covered in lectures and the readings. The final exam is worth 50% of your final grade. **No make-up exam will be given under any circumstances. Failure to take the exam during the scheduled class time will result in a score of zero for that exam.**


**Evaluation and Grading**

There will be a total of 100 points awarded during the course, reflected in the percentages for the various exams and participation.

Grades will be assigned based on the following accrual of points. Each student has the potential of receiving full points; grades will not be assigned based on a “curve.”

<table>
<thead>
<tr>
<th>Grade</th>
<th>Points</th>
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<tbody>
<tr>
<td>A</td>
<td>94-100</td>
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<tr>
<td>A-</td>
<td>91-93</td>
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<tr>
<td>B</td>
<td>84-87</td>
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<td>B-</td>
<td>81-83</td>
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<td>C</td>
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<td>C-</td>
<td>71-73</td>
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<tr>
<td>B+</td>
<td>88-90</td>
</tr>
<tr>
<td>C+</td>
<td>78-80</td>
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</tbody>
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**No pass** 70 or less

Appeals for changes of grades for the various assignments must be put in writing and submitted to Ms. Holmes within 3 days of receiving the grade. Students are advised that appeals are very unlikely to result in a change in grade.
PART 1: Concepts in Maternal and Child Health

1/7  Session 1  MCH Historical and Policy Perspectives & Current State of Child Health
Lecturer: Alice Kuo, MD, PhD

Required Readings:
Child Health: A Population Perspective. Introduction, Chapters 1-2

1/9  Session 2  Culture, Families and Communities
Lecturer: Bobby Verdugo, MSW

Required Readings:
Child Health: A Population Perspective. Introduction, Chapters 3

1/14 Session 3  Life Course Health Development
Lecturer: Alice Kuo, MD, PhD

Required Readings:
Child Health: A Population Perspective. Introduction, Chapter 5

1/16 Session 4  Immigration and Child Health
Lecturer: Priyanka Fernandes, MD

Required Readings:
Child Health: A Population Perspective. Introduction, Chapter 6-7

1/21 Session 5  The Opioid Epidemic
Lecturer: Candace Gragnani, MD

Required Readings:


3) Check out the CDC's website on opioid overdose, focusing on the information found in the "Opioid Basics" section: https://www.cdc.gov/drugoverdose/opioids/index.html
4) Opioid Basics| Drug Overdose| CDC Injury Center: www.cdc.gov

1/23  Session 6   Child Poverty & Social Determinants

Lecturer:  Candace Gragnani, MD

Required Readings:
Child Health: A Population Perspective. Introduction, Chapter 4

1/28  Session 7   Population Child Health/UC-LEND

Lecturer:  Candace Gragnani, MD, UC-LEND Trainees

Required Readings:
TBD

1/30  Session 8   QUIZ 1/ Family Environment

Lecturer:  Bobby Verdugo, MSW

Required Readings:
TBD

PART 2: Common Issues in Maternal and Child Health

2/4  Session 9   Vaping & Marijuana

Lecturer:  Alice Kuo, MD, PhD

Required Readings:
1)  TBD

2/6  Session 10  School Readiness/School Function/Mental Health

Lecturer:  Bobby Verdugo, MSW

Required Readings:

2/11 Session 11 Breastfeeding & Vaccines

Lecturer: Alice Kuo, MD, PhD

Required Readings:

2/13 Session 12 Early Childhood/Developmental Services

Lecturer: Alice Kuo, MD, PhD

Required Readings:

2/18 Session 13 Childhood Obesity & WIC

Lecturer: Candace Gragnani, MD

Required Readings
2) Browse the “Overview and History” section of the National WIC Association’s website to learn more about the history of WIC and what the program does/doesn’t do: https://www.nwica.org/overview-and-history

2/20 Session 14 Environmental Health/Climate Change

Lecturer: Priyanka Fernandes, MD

Required Readings:
2) [https://www.apha.org/~media/files/pdf/topics/climate/childrens_health.ashx](https://www.apha.org/~media/files/pdf/topics/climate/childrens_health.ashx)

2/25  Session 15  **Global Reproductive Health**

Lecturer: Aparna Sridhar, MD, MPH

**Required Reading:**
Child Health: A Population Perspective. Introduction, Chapters 7-8

2/27  Session 16  **QUIZ 2 Social Media/Cyber-Bullying**

Lecturer: Alice Kuo, MD, PhD

**Required Reading:**

3/3  Session 17  **Adolescent Health**

Lecturer: Rebecca Dudovitz, MD

**Required Readings:**

3/5  Session 18  **Schools to Prison Pipeline**

Lecturer: TBD

**Required Reading:**
TBD

3/10  Session 19  **Oral Health & Final Exam Prep**

Lecturer: Francisco Ramos-Gomez, DDS, MS, MPH

**Required Readings:**
1) Boy’s Death Fuels Drives to Fund Dental Aid to Poor, Washington Post, March 3, 2007
3) Platt LJ, Cabesas MC. Early Childhood Dental Caries. Prepared for UCLA Center for
Healthier Children, Families and Communities to appear in "Building Community Systems for Young Children."

3/12  Session 20  Advocacy and Policy

Lecturer:  Alice Kuo, MD, PhD

Required Reading:

3/16  Session 21  FINAL: 3 PM – 6 PM