

**Department of Maternal and Child Health  
School of Public Health  
The University of North Carolina at Chapel Hill**

**MHCH 211  
Child and Family Health  
Spring 2006**

**COURSE DIRECTOR:** Jonathan B. Kotch, MD, MPH  
jonathan\_kotch@unc.edu

**GRADUATE ASSISTANTS:** Fran Tain, 2<sup>nd</sup> year MPH candidate [ftain@email.unc.edu](mailto:ftain@email.unc.edu)  
Amanda Koch, 2<sup>nd</sup> year MPH candidate  
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**TIME & PLACE:**

**Lecture:** Tuesday and Thursday  
11:00 AM - 12:15 p.m.  
1304 McGavran-Greenberg

**Laboratories:** Lab Session I (Monday, January 23 – Friday, March 3)  
Lab Session II (Monday, March 6 – Friday, April 21)

**COURSE DESCRIPTION:** MHCH 211 is a core course required for MCH majors which addresses major issues in child and adolescent health in the US and abroad including interactions among children, their families, and the social environment. The course material is presented in five modules:

- I. *Foundations,*
- II. *Nutrition and Health Maintenance,*
- III. *Health of School Children and Children with Special Needs,*
- IV. *Behavioral Issues, and*
- V. *International Child Health.*

Through lectures and small group discussions, students will consider problems, programs and services affecting preschool and school-age children and adolescents.

**PRE-REQUISITES:** MHCH 210 is a prerequisite unless waived by the course director. A limited number of non-MCH graduate students in Public Health may be admitted with permission of the course director.

**CREDIT HOURS:** 3 credit hours (lecture); 1 credit hour (laboratory) required of all MCH master of public health candidates.

**OBJECTIVES:**

1. To present the public health approach to child health in the US and other countries,
2. To provide a basic understanding of normal child health and development in a family context,
3. To survey major child health problems in the US and in other countries, and
4. To describe programs and services affecting the health of children and families in the US and other countries.

## **COURSE METHODS:**

**Lecture sessions** will meet two times a week for 75 minutes each. Lectures will consist of a prepared presentation and time for questions and discussion. Class participation is encouraged. As noted on the attached class schedule, a review session will take place at the end of each module. The review sessions give students an opportunity to engage in class discussions and group activities related to the preceding module.

**Laboratories** are designed to permit students to pursue and discuss topics of interest in more depth. MCH master's students must take one lab in each half of the semester and will select labs from a list of those being offered during that half. Each lab group will meet once a week for two hours for a period of six weeks. The meeting time and place will be determined by the lab leader with assistance from the Teaching Assistant. Selected lab leaders may be faculty members, doctoral students and/or guest experts who have discretion in designing the format and defining the products expected of students. Assignments may consist of an oral presentation, preparation and leadership of a lab session, and/or a paper. Each laboratory will have its own set of required readings that will be distributed during lab meetings or accessible via Blackboard (see below).

**Blackboard**, an e-Learning software platform, will be used for readings and other materials throughout the semester. Log onto Blackboard at: <https://blackboard.unc.edu/>. Readings that are unavailable in electronic format and supplementary materials will be handed out in class or available in room 412. Other recommended materials may be on reserve at the Health Sciences Library.

## **SPECIFIC COURSE REQUIREMENTS:**

**Attendance:** The Graduate School and the Department of Maternal and Child Health expect students to attend class on time and to stay until the end. Attendance in lecture and lab is a prerequisite of class participation, which is worth 20% of the course grade. Students are expected to schedule work and other activities around their class schedules, which also includes laboratories. To the extent possible, please inform the instructor if you know ahead of time that you will be absent or late for a class.

**Participation:** Students are not only expected to attend class, but also are encouraged to actively participate in lecture and lab discussions. Again, participation is worth 20% of the course grade.

**Paper Assignments:** Each paper provides an opportunity for the student to address a question by integrating lectures and readings material from the preceding module(s). Students will select one question from a list of three. The first two paper assignments must be five pages, double-spaced. The final paper may be as long as 10 pages, double-spaced. Each laboratory may also require a paper and/or a presentation. Exact formats and citation styles for the papers are based on "What AJPH Authors Should Know" from the *American Journal of Public Health*. In addition, information about citing electronic resources (Vancouver style) is available at the following URL: <http://www.library.uq.edu.au/training/citation/vancouv.html>.

Papers are due at **4:30 pm** on the day of the indicated deadline. A paper will lose 1/2 a grade for each day or part of a day after the deadline that the paper is late. The only exceptions will be cases when the student has spoken to the instructor **BEFORE** the day of the deadline and explained the extenuating circumstances prompting the request for a delay. Whether or not an explanation is accepted and an extension awarded is entirely at the discretion of the instructor.

Students may rewrite and re-submit either or both of the first two papers to improve their grade(s). The deadline for accepting the rewrite and re-submission of the first two paper assignments is the last day of class. The final paper **may not** be re-submitted. No final paper will be accepted after the published deadline without **prior approval** of an extension by the instructor. Failure to submit any paper will result in the student's receiving a grade of "F" for that assignment, unless prior arrangements have been made with the instructor for receiving the grade of "IN" for the course. "IN" becomes "F" on the last day of classes in Spring 2005.

The final evaluation of individual student performance will be based upon the following distribution:

10% First paper (Due Friday, February 17)  
10% Second paper (Due Friday, March 24)  
20% Final paper (Due Friday, April 28)  
40% Laboratory (20% each)  
20% Participation

**GRADES:** The only grades given in the course are:

H = Excellent  
P+ = High Pass  
P = Satisfactory  
L = Low Pass  
F = Fail

MCH master's students will receive the same course grade for both MHCH 211 and MHCH 211L. A single grade is computed for all components of the course and is recorded for both the lecture and the laboratories.

**HONOR SYSTEM:** The Code of Student Conduct of The University of North Carolina at Chapel Hill is in effect. Written products handed in for credit must include a signed pledge.

**COURSE EVALUATION:** A student Evaluation Committee will be appointed early in the semester and will meet several times throughout the semester. The Committee will be responsible for mid-semester feedback, distributing and collecting final course evaluations, and for any special evaluation instruments specifically designed for this course. The Teaching Assistant will chair the Committee.

### **PARTICIPATING FACULTY**

Gustavo Angeles, PhD, Assistant Professor, Department of MCH and Deputy Director,  
MEASURE Evaluation, UNC-CH

Lynette Aytch Assistant director, NCEDL, Investigator, FPG Child Development Center, Clinical  
assistant professor, UNC-CH School of Education, Investigator, Center for Research on  
Chronic Illness, UNC-CH School of Nursing

Colleen Bridger, MPH, Director, Gaston County Health Department, Gastonia, NC, and Clinical  
Assistant Professor, Department of MCH.

Gena Byrd, RN, Student Health Services

Alan Cross, MD, Clinical Professor, Department of MCH

Jan Dodds, EdD, RD, Professor, Departments of Nutrition and Maternal and Child Health, UNC-  
CH

Susan Ennett, PhD, Associate Professor, Health Behavior and Health Education, UNC-CH  
Anita Farel, MSW, DrPH, Clinical Professor, Department of Maternal and Child Health, UNC-CH  
Penny Gordon Larsen, PhD, Assistant Professor, Department of Nutrition, UNC-CH  
Marcia Herman-Giddens, BHS, MPH, DrPH, Adjunct Professor, Department of Maternal and Child Health, UNC-CH and Child Maltreatment Consultant, Chapel Hill, NC  
Jonathan B. Kotch, MD, MPH, Professor, Department of Maternal and Child Health, UNC-CH  
Jessica Lee, PhD, DDS, MPH, Assistant Professor, Department of Pediatrics, School of Dentistry, UNC-CH  
Jack Leiss, PhD, Chief Epidemiologist, Constella Health Sciences, and Adjunct Assistant Professor, Department of Maternal and Child Health, UNC-CH  
Ellen Peisner-Feinberg, PhD, Investigator, Child Development Behavioral Science, Frank Porter Graham Child Development Institute, UNC-CH  
Ruth Petersen, MD, MPH Associate Professor in MCH and Assistant Professor in Ob/Gyn, Director of Women's Preventive Health Research at the UNC Center for Women's Health Research  
Elizabeth Pungello, PhD, Investigator, Child Development Behavioral Science, Frank Porter Graham Child Development Institute, UNC-CH  
Pam Silberman, JD, DrPH, Associate Director for Policy Analysis, Cecil G. Sheps Center for Health Services Research & Research Associate, Department of Health Policy and Administration, UNC-CH  
Annelies Van Rie, Assistant Professor of Epidemiology, Department of Epidemiology, UNC-CH  
Stephanie Willis, RN, MPH, Health Coordinator, Chapel Hill/Carrboro City Schools

#### **LAB LEADERS**

Abigail English, JD, Center for Adolescent Health and the Law, Chapel Hill, NC  
Susan Spalt, BSN, MPH, School Health Coordinator (retired), Chapel Hill-Carrboro City Schools  
Adam Zolotor, MD, MPH, PhD student, Dept. of MCH School of Public Health, UNC-CH  
Jessica Lee, PhD, DDS, MPH, Assistant Professor, Department of Pediatrics, School of Dentistry, UNC-CH  
Naama Ende, PhD student, MCH School of Public Health, UNC-CH  
Miriam Labbok, MD, MPH, UNICEF Senior Advisor, Infant and Young Child Feeding and Care  
Samruddhi Thaker, PhD student, Dept. of HPAA, School of Public Health, UNC-CH  
Katherine M. Shea MD, MPH, Adjunct Professor, MCH, UNC-CH

**CLASS SCHEDULE  
MHCH 211  
SPRING 2005**

<u>DATE</u>	<u>TOPIC</u>	<u>LECTURER</u>
<b>MODULE I. FOUNDATIONS</b>		
January 12 Thursday	Diversity Workshop	Aytch
January 17 Tuesday	Epidemiology of Child Health in the US	Kotch
January 19 Thursday	Social Capital, Inequality and Health Status	Kotch
January 24 Tuesday	Managed Care	Silberman
January 26 Thursday	Health Services Organization and Financing	Kotch
January 31 Tuesday	Research on Early Intervention and Perspectives on National Child Development Programs	Pungello/ Peisner-Feinberg
February 2 Thursday	Review of Module I	Kotch
<b>MODULE II. NUTRITION &amp; HEALTH MAINTENANCE</b>		
February 7 Tuesday	Immunization & Child Health Maintenance	Cross
February 9 Thursday	Child Care Health and Safety	Kotch
February 14 Tuesday	Nutrition Programs for Children and Families	Dodds
February 16 Thursday	Epidemiology of Childhood Obesity	Gordon-Larsen
<b>February 17 Friday</b>	<b>Paper #1 Due 4:30 PM</b>	
February 21 Tuesday	Review of Module II	Kotch

**MODULE III. HEALTH OF SCHOOL CHILDREN  
& CHILDREN WITH SPECIAL NEEDS**

February 23 Thursday	Children with Special Health Care Needs	Farel
February 28 Tuesday	School Health	Willis
March 2 Thursday	Oral Health	Lee
March 7 Tuesday	School-Based Health Clinics	Byrd
March 9 Thursday	Review of Module III	Bridger

March 14 & 16

**Spring Break--NO CLASS**

**MODULE IV. BEHAVIORAL ISSUES**

March 21 Tuesday	Overview of Children's Environmental Health	Leiss
March 23 Thursday	Health Promotion and Disease Prevention in Adolescence	Petersen
<b>March 24 Friday</b>	<b>Paper #2 Due 4:30 PM</b>	
March 28 Tuesday	Child Maltreatment	Kotch
March 30 Thursday	Child Abuse Prevention	Herman- Giddens
April 4 Tuesday	Substance Abuse	Ennett
April 6 Thursday	Unintentional Injuries	Kotch
April 11 Tuesday	Violence	Kotch
April 13 Thursday	Review of Module #4	Kotch

**MODULE V. *INTERNATIONAL CHILD HEALTH***

April 18 Tuesday	Anatomy of International Health	Angeles
April 20 Thursday	International AIDS	Van Rie
April 25 Tuesday	TB, malaria, other major infections among children in the developing world	Ryder (invited)
April 27 Thursday	Review of Module #5	Kotch
<b>April 28 Friday</b>	<b>Final Paper Due 4:30 PM</b>	

**MHCH 211L**  
**Child and Family Health Labs**  
**Spring 2006**

**LAB SESSION I: Monday, January 23 - Friday, March 3, 2006**

**1. School Health**

Instructor: Susan Spalt??

*Objectives from Pam Collins, 2005 Lab session*

- Objectives:
1. Students will be able to list the eight components of a Coordinated School Health Program.
  2. Students will be able to compare and contrast current challenges faced by school health professionals.
  3. Students will be able to develop a school health action plan.
  4. All labs will be discussion and activity based.

Meeting Times:

**2. Oral Health**

Instructor: Dr. Jessica Lee

Objectives:

1. Provide an overview of oral health issues in preschool aged children
2. Discuss infant oral health and dental anticipatory guidance
3. Discuss issues regarding access to dental care for young children
4. Discuss the role of physicians and other medical professionals in delivery of dental care for young children

Meeting Times: *Thursday 9-11am, Room 129 Health Science Library*

**3. Children's Environmental Health**

Instructor: Katherine Shea

Objectives:

Meeting Times: *Wednesday 2-4pm, Room 2304 McGavran-Greenberg*

**4. Child Maltreatment**

Instructor: Adam Zolotor

- Objectives:
1. To describe the scope, effects, and types of child abuse and neglect in the United States.
  2. To discuss challenges and problems in the area of sexual abuse with regard to diagnosis, treatment, and the criminal justice system.
  3. To recognize the interaction between domestic violence and child maltreatment.
  4. To assess the influence of media on the sexualization of children.

Meeting Times: *Monday 3-5pm, Room 1001 Hooker*

**LAB SESSION II: Monday, March 6 - Friday, April 21, 2006**

**1. Adolescent Health and the Law**

Instructor: Abigail English

- Objectives:
1. To identify critical legal and policy issues in adolescent health.

2. To understand the framework of laws and policies affecting adolescents' access to health care.
3. To explore advocacy approaches within the legal and public health arenas to protect and expand adolescents' access to health care.

Meeting Times: *Mondays 2-4pm, Room 2304 McGavran*

## **2. Access to Mental Health Care for US Children (Online Lab)**

Instructor: Naama Ende

Objectives:

1. Identify critical public health issues in mental health for US children.
2. Compare and contrast SCHIP, Medicaid and private insurance with regard to access to mental health care for children.
3. Define access to care and barriers to care with regard to mental health care for children.
4. Learn about the North Carolina mental health care system for children.

Meeting Times:

## **3. Infant and Young Child Feeding**

Instructor: Miriam Labbok

Objectives:

Meeting Times: *Wednesday 2-4pm, Room 2304 McGavran-Greenberg*

## **4. Cultural Competence**

Instructor: Samruddhi Thaker

Objectives: The objectives for the lab are focused on increasing awareness and knowledge and sharpening skills that foster effective work in cross-cultural situations.

1. Identify the types of barriers (policy, organizational, community, individual) to information, education and services that are encountered by minority ethnic groups in the U.S., by displaced populations in refugee camps, and linguistic minority groups.
2. Learn methods for needs assessment and about programs and approaches that are directed toward identifying and reducing cultural and ethnic barriers to health information, health education and health services.
3. Use, adapt, or develop a framework to explain how a barrier or series of barriers might be reduced for a specific, underserved or mis-served population.

Meeting Times: *Fridays 1-3, Room 2304 McGavran-Greenberg*