

DEPARTMENT OF MATERNAL AND CHILD HEALTH

Schedule of Courses

Spring 2017

MHCH 664 (140) Globalization and Health (cross-listed with HPM 664) (3 credits). The course examines multiple dimensions of globalization and explores their direct and indirect effects on determinants of health through presentations, case studies, class discussions, small group seminars, readings, weekly short written assignments, a critical book review, and a final paper and poster session. An expected outcome of the course is that students will gain a deeper understanding of how the changes and transformations of globalization and development affect health, and will have examined responses and approaches to current global patterns that contribute to positive and adverse health effects and health inequalities. This course is an alternative core course to Interdisciplinary Perspectives in Global Health, taught in the Fall semester, for students enrolled in the Global Health Certificate Program. B. Fried, Tuesdays, 11:00am-1:45pm, Michael Hooker Research Center 0001

MHCH 680 Global Sexual and Reproductive Health (1 credit) Featuring international experts from UNC and Triangle-based non-governmental organizations, this course will offer a series of lectures, panel discussions, and debates to inform students' critical thinking on key public health issues in global sexual and reproductive health. No prerequisites; all students are welcome. D. Cilenti, Monday, 5:45-7:05pm, McGavran-Greenberg 1301

MHCH 702 Foundations of Maternal and Child Health (4 credits). Second semester of this year-long course introduces the major issues that affect the health and well-being of women during the reproductive years, infants, children and adolescents in domestic and international settings. T. Ringel-Kulka, Tuesday and Thursday 8:00-9:45am, McGavran-Greenberg 2301

MHCH 716 International Family Planning and Reproductive Health (3 credits). This course will provide an overview of the critical issues in international family planning and reproductive health, including the major theoretical frameworks, patterns and trends over time, and an overview of the history of family planning and reproductive health policy development. We will trace the evolution of the field from its demographic roots through to the current expansion to a broader reproductive health perspective. The main theoretical models to explain the determinants of fertility and reproductive mortality and morbidity will be presented. Demographic data will be used to describe the trends and patterns of family planning and reproductive health within the global context. The development of population, family planning and reproductive health policy through the last three decades, along with the more recent focus on the field within the context of health and human rights, will be discussed. S. Bloom and S. Curtis, Wednesday 11:15am-2:15pm, Rosenau 230

MHCH 718 Continuation of Field (3 credits). (Use Section # of your advisor).

MHCH 745 Applied Methods for Health Transformation Implementation in MCH (1 or 3 credits – 3 if taking as skills course) Are you ready to contribute to state and national health reform implementation? Would you like to optimize your implementation skills and leadership capacity? Explore the science and art of health transformation in MCH through an online course.

This course is designed to integrate the theory, research literature, and evidence-supported practices that promote optimal population health outcomes in maternal and child health. The passage of the Patient Protection and Affordable Care Act (ACA) in 2010 - the most significant health care system reform since the passage of Medicaid and Medicare in the 1960s - offers an opportunity to improve public health systems, health care financing and delivery, and ultimately, health outcomes for MCH populations. Maternal and child health professionals need contemporary tools, resources, and skills in order to assume leadership in ACA and health reform implementation. Course participants will gain essential competencies for quality improvement, systems thinking, population change management, and promotion of access to care for women, children and families. D. Cilenti, ONLINE

MHCH 766 Clinical Support for Breastfeeding (3 credits). This two-semester clinical course is structured to provide supervised breastfeeding support education in the context of clinical lactation services and public health practice. This course provides the student with 300 hours of direct supervision by an IBCLC faculty member who has re-certified at least once, along with additional patient contact with non-faculty IBCLCs and 90 hours of didactic education in lactation. This course includes direct supervision following a gradual process which begins with student observation of well couplet care, followed by clinical practice experience under direct supervision until the competencies are mastered, and then culminates in independent practice with the mentor nearby to assist and offer advice and support. Didactic education includes research article critiques, case studies and topic lectures. Due to the nature and intensity of this course, this experience is limited to students who have been accepted into the Mary Rose Tully Training Initiative. C. Sullivan, Friday 9-12pm, Health Sciences Library

MHCH 816 Applied Quality Improvements for Healthcare and Public Health (3 credits). The course objective is to develop, implement, and test a solution to improve health care or public health delivery, using a model called the Model for Improvement (or MFI). The model uses three questions to scope the improvement project and four steps, Plan-Do-Check-Act, to implement and test solutions. R. Ramaswamy, ONLINE

MHCH 840 Doctoral Internship (1 credit). MCH internship to enhance doctoral training in areas of research, teaching and practice. Prerequisite, enrollment in MCH doctoral program.
Section 1 (6032) Teaching
Section 2 (6033) Practice
Section 3 (6034) Research

MHCH 862 Maternal and Child Health Program Evaluation (3 credits). Analytic skills seminar on the theory and practice of program impact evaluation. Topics: key issues to consider when evaluating program impact; selectivity and other problems; research designs; estimation strategies including instrumental variables, difference-in-difference models, fixed and random effects models, regression discontinuity methods, matching methods and propensity score analysis, and selection models. Prerequisites: Knowledge of Stata or a similar statistical package is required. It is assumed that students are familiar with descriptive and

inferential statistics as well as multiple regression analysis. Instructor permission required for non-second year MCH doctoral students. G. Angeles, Monday, 1:25-4:05pm, McGavran-Greenberg 2303

MHCH 890 (001) Implementation Science for Global Maternal and Child Health

(3 credits). This graduate level course is an introduction to implementation science with an emphasis on its application in global maternal and child health. The course will first highlight current challenges in global health and the role of implementation science in addressing them, including the development of practice-based research activities and the provision of technical support for program implementation. The course then will define current implementation research frameworks, active implementation frameworks, and describe the interface between improvement science and implementation science. Students will have the opportunity to work in groups and independently. H. Peterson & J. Haidar, Friday, 9:05-12:05, Rosenau 230

MHCH 890 (045) Health Equity (2 credits)

One of the three overarching goals of Healthy People 2020 is to achieve health equity, eliminate disparities and improve the health of all groups. Numerous health equity foci have emerged during the past decade. In this seminar, we will: (1) examine the contributors and root causes to these health inequalities; (2) understand the pathways and mechanisms through which the root causes are “embodied” to create adverse health effects in some populations; (4) review and assess specific public health, medical and other strategies to create equity. The overarching goal of this seminar is to stimulate learners to expand their perspective on advancing progress toward achieving health equity. D. Rowley, Wednesday, 1:25-3:20, McGavran-Greenberg 2303

MHCH 992 Master's Paper. (3 or more credits). (Use Section # of your advisor).

MHCH 994 Doctoral Dissertation. (3 or more credits). (Use Section # of your advisor).