



MassGeneral Hospital  
for Children™



HARVARD  
MEDICAL SCHOOL  
Department of Continuing Education

MassGeneral Hospital *for Children* presents:  
**Maternal and Child Global Health:  
What You Need to Know  
Before You Go**



**Friday-Saturday, May 31-June 1, 2013**

Starr Center

Massachusetts General Hospital, Boston, MA

**Featuring small-group  
interactive sessions**

**Keynote Speaker  
Joia Mukherjee, MD, MPH  
Partners in Health**

## Keynote Speakers

### **Joia Mukherjee, MD, MPH**

*Associate Professor of Medicine  
Harvard Medical School  
Associate Physician  
Brigham and Women's Hospital*



Dr. Joia Mukherjee is an associate professor with Harvard Medical School and the Division of Global Health Equity at the Brigham and Women's Hospital. Since 2000, she has served as Chief Medical Officer for the international healthcare nonprofit Partners In Health, providing clinical supervision to its sites in Haiti, Rwanda, Burundi, Malawi, Lesotho, Peru, Mexico, Russia, Kazakhstan, and inner-city Boston. In this capacity, she is involved in programmatic and clinical work to provide health care and reduce health disparities by developing public sector, community-based programs with local colleagues in those countries. She trained in infectious disease, internal medicine, and pediatrics at Massachusetts General Hospital, and received a Master in Public Health degree from Harvard School of Public Health. Additionally, Dr. Mukherjee consults for the World Health Organization on the treatment of HIV and MDR-TB in developing countries. She has been involved in health care access and human rights issues since 1989, and her scholarly work focuses on the human rights aspect of HIV treatment and on the implementation of complex health interventions in resource-poor settings.

### **Ronald Kleinman, MD**

*Charles Wilder Professor of Pediatrics  
Harvard Medical School  
Physician-in-Chief  
MassGeneral Hospital for Children*



Dr. Kleinman is the physician-in-chief of MassGeneral Hospital for Children. He is chair of the Department of Pediatrics and chief of the Pediatric Gastroenterology and Nutrition Unit at MassGeneral Hospital for Children. He is also the Charles Wilder Professor of Pediatrics at Harvard Medical School. His major areas of research interest include gastrointestinal immunology, nutrition support of infants and children and nutrition and public health policy. Dr. Kleinman is the author of more than 150 peer reviewed publications, chapters, monographs and textbooks. He has been a member of the Medical Advisory Group on Diet and Nutrition Guidelines in Cancer for the American Cancer Society, National Cholesterol Advisory Committee (NICHD), and a member of the Board of Trustees for the Global Child Nutrition Foundation and Project Bread. Dr. Kleinman served as chair of the Committee on Nutrition for the American Academy of Pediatrics and is the editor of the fourth, fifth and sixth editions of the Academy's Pediatric Nutrition Handbook. He consults for the Grain Food Foundation, Sesame Street Foundation, Beech Nut, the Burger King External Advisory Board and General Mills.

# Course Directors

**Patricia L. Hibberd, MD, PhD**

Professor of Pediatrics  
Harvard Medical School  
Chief, Division of Global Health  
Department of Pediatrics  
Massachusetts General Hospital

**Linda T. Wang, MD, FAAP**

Assistant Professor of Pediatrics  
Harvard Medical School  
Pediatrician  
Pediatric Emergency Medicine  
Division of Global Health  
Massachusetts General Hospital

**Nupur Gupta, MD, MPH**

Instructor in Pediatrics  
Harvard Medical School  
Assistant Pediatrician  
Division of Adolescent and Young Adult Medicine  
Division of Global Health  
Massachusetts General Hospital

## Faculty

**Thomas Burke, MD**

Assistant Professor of Surgery  
Harvard Medical School  
Division Chief, Global Health and  
Human Rights  
Emergency Medicine  
Massachusetts General Hospital

**Erik Clinton, MD**

Instructor in Obstetrics  
Harvard Medical School  
Obstetrician and Gynecologist  
Massachusetts General Hospital

**Hilarie Cranmer, MD, MPH**

Assistant Professor  
Harvard Medical School  
Director of Disaster Response  
Associate Physician  
Emergency Medicine  
Massachusetts General Hospital

**Michele Duke, MD**

Instructor in Pediatrics  
Harvard Medical School  
Clinical Affiliate  
Massachusetts General Hospital

**Melody J Eckardt, MD, MPH**

Instructor  
Boston University School  
of Medicine  
Obstetrician and Gynecologist  
South Shore Hospital

**Anne Kathryn Goodman, MD**

Associate Professor of Obstetrics  
Harvard Medical School  
Obstetrician and Gynecologist  
Massachusetts General Hospital

**Jason Harris, MD**

Assistant Professor of Pediatrics  
Harvard Medical School  
Assistant Pediatrician  
Massachusetts General Hospital

**Julie Herlihy, MD**

Assistant Professor in International  
Health and Pediatrics  
Boston University Center  
for Global Health  
Pediatrician  
Boston Medical Center

**Ann Kao, MD, MPH**

Instructor in Medicine  
Harvard Medical School  
Assistant Pediatrician  
Massachusetts General Hospital

**Jennifer Kasper, MD, MPH**

Instructor in Pediatrics  
Harvard Medical School  
Assistant Pediatrician  
Massachusetts General Hospital

**Patrick Lee, MD**

Instructor in Medicine  
Harvard Medical School  
Medical Director  
Cambridge Health Alliance Primary  
Care Center

**Richard Moriarty, MD**

Clinical Professor  
University of Massachusetts  
Medical School  
Pediatrician  
UMass Memorial Medical Center

**Brett Nelson, MD, MPH,  
DTM&H**

Assistant Professor Pediatrics  
Harvard Medical School  
Assistant Pediatrician  
Massachusetts General Hospital

**Kristian Olson, MD, MPH,  
DTM&H**

Assistant Professor of Medicine  
Harvard Medical School  
Medical Director  
Consortium for Affordable  
Medical Technologies  
Massachusetts General Hospital

**Alan Picarillo, MD**

Assistant Professor of Pediatrics  
University of Massachusetts  
Medical School  
Pediatrician  
UMass Memorial Medical Center

**Kate Powis, MD, MPH, MBA**

Instructor  
Harvard Medical School  
Physician, Division of Global Health  
Massachusetts General Hospital

**Jyoti Ramakrishna, MBBS**

Lecturer on Pediatrics  
Harvard Medical School  
Division of Global Health  
Associate Pediatrician  
Massachusetts General Hospital

**Dennis Rosen, MD**

Assistant Professor of Pediatrics  
Harvard Medical School  
Assistant in Medicine  
Division of Respiratory Diseases  
Boston Children's Hospital

**Steven A Ringer, MD, PhD**

Associate Professor  
Harvard Medical School  
Chief of Newborn Medicine  
Brigham and Women's Hospital

**Sandra Schumacher, MD, MPH,  
CTropMed**

Instructor in Pediatrics  
Harvard Medical School  
Assistant in Medicine  
Division of Emergency Medicine  
Boston Children's Hospital

## Course Overview

Through didactic lectures and interactive sessions, the presentation and management of patients in resource-limited settings will be taught in this intensive two-day course to provide practical training in the critical aspects of maternal, newborn and child global health. An overview of global health strategies with discussion of the major governmental and nongovernmental organizations will help practitioners to be aware of the global health players in the field. Didactic lectures will focus on the must-knows of health and illness in pregnancy and delivery, malnutrition, dehydration and the management of infectious diseases, such as malaria, HIV and tuberculosis with their common complications. Small-group interactive sessions will highlight the approach to medical management in resource limited settings, hands on practice with newborn resuscitation and techniques to make oral rehydration solutions and inhaler tubes. Opportunities for service and research in the global health field will be discussed. This course will prepare practitioners who want to work overseas with the knowledge, sensitivity and awareness to make effective contributions to the health and well-being of children and their mothers.

### Learning Objectives:

At the conclusion of this program, participants will:

#### Assess and manage maternal and pediatric patients with:

- Malnutrition
- Dehydration
- Malaria
- HIV
- Tuberculosis
- Respiratory Illnesses
- Labor and delivery complications

#### Demonstrate knowledge and skill in the following areas:

- Global Health Strategies
- Airway management
- Health and illness in pregnancy and delivery
- Making oral rehydration solutions
- Making inhaler tubes
- Newborn Resuscitation
- Megacode management

### Who Should Attend:

Physicians who specialize in family medicine, pediatrics, emergency medicine, pediatric emergency medicine, internal medicine, hospital medicine and obstetrics.

## About the Location

The course will be held in the Starr Center at Massachusetts General Hospital.  
185 Cambridge Street, Boston, MA, 2nd floor  
617-643-7247

Accommodations are provided at:

The Boston Liberty Hotel  
215 Charles Street, Boston, MA  
617-224-4000

Holiday Inn Boston at Beacon Hill  
5 Blossom Street, Boston, MA  
617-742-7630



## Friday, May 31, 2013

7:30 am – 7:55 am *Registration and Continental Breakfast*

7:55 am – 8:00 am Introduction Linda T. Wang, MD

8:00 am – 8:30 am Why Global Health Matters Now Patricia Hibberd, MD, PhD

8:30 am – 9:30 am **KEYNOTE ADDRESS**  
**Meeting the Child Health Millennium  
Development Goals - An Equity Agenda** Joia Mukherjee, MD, MPH

9:30 am – 10:00 am When the Mother is a Child...  
Health and Illness in Pregnancy Erik Clinton, MD

*Coffee Break*

10:15 am – 10:45 am What About Her Child...  
Health and Illness in Labor and Delivery Melody J Eckardt, MD, MPH

10:45 am – 11:15 am Is the Baby Breathing? Steven A. Ringer, MD, PhD

11:15 am – 11:45 am The Baby's Not Feeding,  
Now What Do I Do? Alan Picarillo, MD

11:45 am – 12:45 pm *Lunch On Your Own*

12:45 pm – 1:15 pm Human Rights in Ways You May  
Not Have Imagined Before Thomas Burke, MD

1:15 pm – 2:00 pm Dealing with Diarrhea and Rehydration Jason Harris, MD

2:00 pm – 4:45 pm **HANDS ON SKILL STATIONS : (Participants rotate through all sessions)**

How To Make Do With Almost Nothing -  
Learn How to Make ORS, Inhaler Tubes,  
and More... Jennifer Kasper, MD, MPH

*Coffee Break*

The Baby is Out, Now What Do I Do?  
Newborn Simulation Session Brett Nelson, MD, MPH, DTM&H

What if I Have to Deliver the Baby?  
Delivery Simulation Session Erik Clinton, MD  
Melody Eckardt, MD, MPH



# Saturday, June 1, 2013

7:30 am - 7:55 am *Registration and Continental Breakfast*

7:55 am - 8:00 am Introduction Nupur Gupta, MD, MPH

8:00 am - 8:50 am **KEYNOTE SPEAKER**  
**Best for Baby - Breastfeeding** Ronald Kleinman, MD

8:50 am - 9:30 am What Micronutrient Deficiencies  
Do I Need to Worry About? Jyoti Ramakrishna, MBBS

9:30 am - 12:15 pm **TOPICS IN GLOBAL INFECTIOUS DISEASES**

9:30 - 9:55 am Are Immunizations Up to Date? Michele Duke, MD

*Coffee Break*

10:10 am - 10:35 am Acute Respiratory Infections Dennis Rosen, MD

10:35 am - 11:00 am Sexually Transmitted Infections Anne Kathryn Goodman, MD

11:00 am - 11:25 am HIV/AIDS Kate Powis, MD, MBA, MPH

11:25 am - 11:50 am Malaria Sandra Schumacher, MD

11:50 - 12:15 pm Tuberculosis Kristian Olson, MD, MPH, DTM&H

12:15 pm - 1:00 pm *Lunch Provided*

1:00 pm - 1:30 pm Tips For Safe Travel and Safely Providing Care Richard Moriarty, MD

1:30 pm - 4:00 pm **BREAKOUT GROUPS: CASES FROM THE FIELD**  
**(Participants rotate through all sessions)**

Integrated Management of  
Childhood Illness (IMCI) Jennifer Kasper, MD, MPH

Tough Situations - Ethical and  
Cultural Dilemmas Patrick Lee, MD

*Coffee Break*

Managing Malnutrition Anne Kao, MD, MPH

4:00 pm - 4:55 pm Panel: Opportunities in Global Health  
Patricia Hibberd, MD, PhD  
Hilarie Cranmer, MD, MPH  
Richard Moriarty, MD  
Julie Herlihy, MD

4:55 pm - 5:00 pm *Closing Remarks* Nupur Gupta, MD, MPH

## Accreditation

The Harvard Medical School is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The Harvard Medical School designates this live activity for a maximum of 14.75 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

## ACGME Competencies

This course is designed to meet one or more of the following Accreditation Council of Graduate Medical Education Competencies:

- Patient care
- Medical knowledge
- Interpersonal and communication skills
- Systems-based practice

Maternal and Child Global Health:  
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Friday-Saturday, May 31-June 1, 2013

Class #3324553

**PRINT NAME CLEARLY - ALL FIELDS REQUIRED**

Tuition Fee: \$495.00 (USD)

Tuition Fee **EARLY BIRD RATE**: \$450.00 (USD)

**Deadline: March 15, 2013**

Residents/Fellows in Training/Allied Health Professionals: \$350.00 (USD)

Residents/Fellows in Training/Allied Health Professionals **EARLY BIRD RATE**: \$300.00 (USD)

**Deadline: March 15, 2013**

Please call Harvard Medical School's DCE office at 617-384-8600 for more information on group rates.

Full Name \_\_\_\_\_  
FIRST MIDDLE INITIAL LAST

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STREET CITY STATE ZIP

Daytime Phone (\_\_\_\_\_) \_\_\_\_\_ Fax Number (\_\_\_\_\_) \_\_\_\_\_

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Profession \_\_\_\_\_ Degree \_\_\_\_\_

Primary Specialty (Physicians only) \_\_\_\_\_ Board Certified:  Yes  No

Professional School Attended (Physicians only)

Harvard Medical School  U.S. Medical School  International Year of Graduation \_\_\_\_\_

**Online Registrants - add the first three characters of the source code found here → Source Code: A B X Z Z Z**



**REGISTRATION INFORMATION** Tuition Fee: **Physicians: \$495 (USD); Residents/Fellows and Allied Health Professionals: \$350 (USD)**. Registration by credit card (VISA or MasterCard) can be made at: [www.cme.hms.harvard.edu/courses/maternal](http://www.cme.hms.harvard.edu/courses/maternal). Registration by check (draft on a United States bank), please make payable to **Harvard Medical School** and mail with registration form to **Harvard Medical School-Department of Continuing Education, PO Box 417476, Boston, MA 02241-7476**. Telephone or fax registration is not accepted. Registration with cash payment is not permitted. Upon receipt of your paid registration, an email confirmation from the HMS-DCE office will be sent to you. Be sure to include an email address that you check frequently. Your email address is used for critical information including: registration confirmation, evaluation and certificate.

**INQUIRIES** By phone 617-384-8600, Monday - Friday, 10 am to 4 pm (EST) or by email at: [hms-cme@hms.harvard.edu](mailto:hms-cme@hms.harvard.edu).

**ONLINE INFORMATION** To register or view activity information online, visit: [www.cme.hms.harvard.edu/courses/maternal](http://www.cme.hms.harvard.edu/courses/maternal). To ensure proper registration, please add the first three characters of the source code found at the bottom of this registration form.

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**REFUND POLICY** A handling fee of \$60 is deducted for cancellation. Refund requests must be received by postal mail, email or fax one week prior to this activity. No refunds will be made thereafter.

**COURSE LOCATION** All sessions for this activity will be held at **Massachusetts General Hospital, Starr Center, 185 Cambridge Street, Second Floor, Boston MA 02114 (Telephone: 617-643-7247)**.

**ACCOMMODATIONS /TRAVEL** A limited number of rooms have been reserved at the **Holiday Inn at Beacon Hill (617-742-7630)** and **Liberty Hotel (617-224-4000)**. Please specify that you are enrolled in this activity to receive a reduced room rate of \$199 per night single/double at the Holiday Inn and \$279 at the Liberty Hotel. Please do not purchase non-refundable airline ticket(s) until you have received an email from our office confirming your paid registration. For airline reservations, contact the HMS Travel Desk toll free 1-877-4-HARVMD (1-877-442-7863) Monday - Friday 9 am to 8 pm (EST). From outside the U.S., Canada and Virgin Islands, please call 617-559-3764.

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Starr Center, Massachusetts General Hospital, Boston, MA

Register online at  
[cme.hms.harvard.edu/courses/maternal](http://cme.hms.harvard.edu/courses/maternal)