

# Clinical Ultrasound in Tropical Infectious Diseases

Lima, Peru

August 21-26, 2011



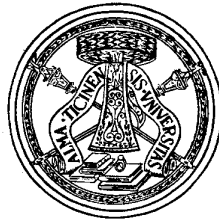
**Instituto de Medicina Tropical**  
Alexander von Humboldt,  
Universidad Peruana Cayetano Heredia  
[www.upch.edu.pe/upchvi](http://www.upch.edu.pe/upchvi)



**Medical College of Georgia**  
Section of Clinical Ultrasound,  
Augusta, Georgia, USA  
[www.mcg.edu](http://www.mcg.edu)



**University of Pavia**  
Division of Infectious and Tropical Diseases  
IRCCS S. Matteo Hospital Foundation, Pavia, Italy  
[www.unipv.eu](http://www.unipv.eu)



Join the faculty of the Instituto de Medicina Tropical, Alexander von Humboldt, Cayetano Heredia, Lima, Peru; the Center of Operational Medicine, Section of Clinical Ultrasound, Medical College of Georgia; and the University of Pavia, Division of Infectious and Tropical Diseases, IRCCS S. Matteo Hospital Foundation as they co-host the first Clinical Ultrasound in Tropical Infectious Diseases course in Lima, Peru, August 21-26, 2011.

Providers with experience and/or a special interest in clinical tropical medicine or infectious disease with ultrasound experience are invited to attend.

This unique course consists of lectures, demonstrations, and small-group clinical rounds for live ultrasound scanning.

**For more information, email**  
[kboik@mcg.edu](mailto:kboik@mcg.edu)

**Contact the Course Coordinator**  
Call Kelly Boik toll free at  
866-593-4911 (US)  
for more information.

## Course Personnel

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### Course Directors (and Faculty Members)

**Dr. Eduardo Gotuzzo**

Director, Instituto de Medicina Tropical, Alexander van Humboldt, Universidad Peruana Cayetano Heredia (UPCH), Lima, Peru

**Dr. W. "Ted" Kuhn**

Professor  
Director of International Medicine, Center for Operational Medicine, Medical College of Georgia, Augusta, Georgia, USA

**Dr. Enrico Brunetti**

Assistant Professor of Infectious Diseases, University of Pavia, Division of Infectious and Tropical Diseases, IRCCS S. Matteo Hospital Foundation, Pavia, Italy

### Course Coordinator

**Dr. Pedro Legua**

Professor of Internal Medicine, Specialist in Tropical Infectious Diseases, UPCH, Lima, Peru

### Course Faculty

**Dr. Gerusa Dreyer**

Professor of Infectious Diseases, Hospital das Clinicas, Faculty of Medicine, Federal University of Pernambuco, Recife, Brazil

**Dr. Matt Lyon, FACEP**

Associate Professor  
Director of Section of Emergency and Clinical Ultrasound, Medical College of Georgia, Augusta, Georgia, USA

**Dr. Cesar Ramirez**

Chief of Service, Radiology  
UPCH, Lima, Peru

**Dr. Joachim Richter**

Physician, Specialist in Tropical Diseases, Diplôme Médecine et Santé Tropicales, Specialist in Infectious Diseases and Internal Medicine, Duesseldorf, Germany

*Also featuring various other faculty from the Departments of Radiology, Infectious Diseases, and Internal Medicine at UPCH, Lima, Peru*

### Course Administrator

**Kelly Boik**

Medical College of Georgia, Dept. of Emergency Medicine, 1120 15<sup>th</sup> Street, AF-2044. Augusta, GA 30912  
Phone: (866) 593-4911  
Email: kboik@mcg.edu

## Course Registration Information

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### Course Size

The course is limited to 24 participants to maximize the small-group learning environment.

### Pre-requisites

Basic knowledge and scanning skills in clinical ultrasound required. Targeted to physicians with special interests in clinical tropical medicine.

### Continuing Medical Education (CME) Credit

Applied for through the Medical College of Georgia, School of Medicine. At least 80% course attendance is required for CME credit.

### Registration Fee = \$1,500 US Dollars (\$750 due with initial registration, remainder due 5/16/11)

**Deadlines:** Applications will be accepted on a rolling basis. Once you submit your application to MCG, the course faculty will review it and make a decision regarding your acceptance. If you receive a letter of acceptance from MCG, a non-refundable 50% deposit (\$750 US Dollars) will be required to reserve your space in the course. (Special circumstances may warrant a refund of

your deposit: decisions will be made on a case-by-case basis.) The remainder of the registration fee (\$750 US Dollars) is due by May 16, 2011. If, for any reason, MCG cancels the course, you will be refunded 100% of your registration fees.

The registration fee includes course tuition and materials, CME credit, a course completion certificate, welcome reception and orientation, and transportation to/from the Jose Antonio Executive Hotel in Miraflores to clinical hospital sites and to the closing dinner celebration. Transportation from the Lima airport to the hotel is not included. Breakfast is provided each morning at the Jose Antonio Executive Hotel.

**Items not included in registration fee:** Transportation to and from Lima, transportation to and from the Lima airport to the hotel or guest house accommodations in Lima, airport exit tax, breakfast if you do not stay at Jose Antonio Executive Hotel, transportation to and from Jose Antonio Executive Hotel if you do not stay at the Jose Antonio Executive Hotel, lunch and evening meals, and excursions during or after course and site-seeing during day(s) off.

## Suggested Lodging

**Jose Antonio Executive Hotel** | [www.hotelesjoseantonio.com](http://www.hotelesjoseantonio.com)

Av. 28 de Julio 398 Miraflores, Lima-18, Peru

Telephone: (511) 445-7743

Email: [reservas@hotelesjoseantonio.com](mailto:reservas@hotelesjoseantonio.com)

Conference booking rates average \$100 US (simple/single room) to \$180 US (senior suite) per night. You are responsible for making your hotel reservation. Be sure to ask for the reduced conference rate.

## Curriculum

The course consists of lectures, demonstrations, workshops, and clinical rounds for live ultrasound scanning at Cayetano Heredia Hospital. Lectures and demonstrations will involve the entire group. Clinical rounds for scanning will be in small groups with faculty.

## Small Group Learning Environment

All of the hospital rounds and clinical experience will involve small groups of no more than 6 course participants. It is felt that this will help facilitate learning in a congenial, informal environment while promoting hands-on, practical scanning experience.

## Special Needs

The Division of Continuing Education of the Medical College of Georgia complies with the Americans with Disabilities Act. If you require special services or facilities to support your participation in this continuing education program, contact Kelly Boik, the Course Administrator at (866) 593-4911 or [kboik@mcg.edu](mailto:kboik@mcg.edu).

## Course Schedule (August 21-26, 2011)

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### General Daily Itinerary

7:00 Leave hotel  
08:00 - 09:00 Lecture  
09:00 - 10:00 Lecture  
10:00 - 10:15 Break  
10:15 - 12:15 US Scanning Rounds  
12:15 - 13:30 Lunch  
13:30 - 14:30 Lecture  
14:30 - 1600 US Demonstrations  
1600 Return to hotel

### Lecture Topics to Include

- Echinococcal infections of liver, lung, spleen, kidney, and PAIR
- Screening for cirrhosis, portal hypertension, and hepatoma
- Biliary and hepatic disease from helminths
- Extra-Pulmonary TB
- Abscesses from tropical diseases (TB, amoeba, pyomyositis)
- Ocular infections and abnormalities, including toxocaria
- Schistosomiasis
- Lymphatic filariasis
- Logistics of scanning in resource limited settings
- Scanning patients with HIV/AIDS
- Abnormal lymphadenopathy
- Evaluation of pulmonary infections by ultrasound (TB, echinococcus, and lung abscess)
- Evaluation of fluid status, vena cava, and diseases of myocardium and pericardium
- Bot Fly

# 2011 Clinical Ultrasound in Tropical Infectious Diseases Course Application Form

The 2011 Clinical Ultrasound in Tropical Infectious Diseases Course will be held August 21-26, 2011, in Lima, Peru, and it is limited to 24 participants. To apply for the course, please fill out this form, and mail, email, or fax to:

Kelly Boik, Course Administrator  
Medical College of Georgia  
Dept. of Emergency Medicine  
1120 15<sup>th</sup> Street, AF-2044  
Augusta, GA 30912  
United States of America

**Email:** kboik@mcg.edu  
**Phone:** (866) 593-4911 toll free  
**Fax:** (706) 721-7718

**Application Process:** Total tuition for the 2011 course is \$1500 US. Applications will be accepted on a rolling basis. Once you submit your application to MCG, the course faculty will review it and make a decision regarding your acceptance. If you receive a letter of acceptance from MCG, a non-refundable 50% deposit (\$750 US) will be required to reserve your space in the course. The remainder of the registration fee (\$750 US) is due by **June 20, 2011**. If MCG cancels the course, you will be refunded 100% of your registration fees.

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<b>First Name</b>	<b>MI</b>	<b>Last Name</b>
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**Degree and/or Medical Specialty**

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**Street Address**

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<b>City</b>	<b>State</b>	<b>County (Georgia Residents only)</b>	<b>Country</b>
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<b>Last four digits of SSN# (U.S. Citizens only)</b>	<b>Birth Date</b>
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<b>Office Phone</b> (____) (____) _____ <small>Country code City code</small>	<b>Fax</b> (____) (____) _____ <small>Country code City code</small>
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<b>Home Phone</b> (____) (____) _____ <small>Country code City code</small>	<b>Mobile</b> (____) (____) _____ <small>Country code City code</small>
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<b>Primary email</b>	<b>Secondary email</b>
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**Admission Pre-requisites** (to be evaluated upon receipt of application)

Please attach a resumé or curriculum vitae AND a brief statement (maximum 500 words) describing your interest in tropical medicine and/or infectious disease and your experience with clinical ultrasound AND a paragraph about why you think this course will be of value to you.