Join the faculty of the Instituto de Medicina Tropical, Alexander von Humboldt, Cayetano Heredia, Lima, Peru; Georgia Regents University, Department of Emergency Medicine, Office of Emergency and Clinical Ultrasound; and the University of Pavia, Division of Infectious and Tropical Diseases, IRCCS S. Matteo Hospital Foundation as they co-host the third Clinical Ultrasound in Tropical Infectious Diseases course in Lima, Peru, September 13-18, 2013.

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 contact:
Mary Tipton
(866) 593-4911 (US)
mtipton@gru.edu

Course Personnel:
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 and Humanitarian Medicine, Center of Operational Medicine, Georgia Regents University, 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 Faculty
Dr. Matt Lyon
Professor, Director of Office of Emergency and Clinical Ultrasound, Georgia Regents University, Augusta, Georgia, USA

Dr. Tom Heller
Consultant for Internal Medicine and Infectious Diseases, Klinikum Perlach, Munich, Germany

Dr. Richard Gordon
Assistant Professor, Director Emergency Ultrasound, Georgia Regents University, Augusta, Georgia, USA

Dr. Daniel Kaminstein
Director of the Section of International Medicine, Director of Faculty Ultrasound Development, Wellspan York Hospital, York, Pennsylvania, USA

Dr. Ricaurte Solis
Emergency Medicine Physician, Huntsville Hospital System, Huntsville, Alabama, USA; Assistant Professor, Emergency Medicine Residency Program, Georgia Regents University, Augusta, Georgia, USA

Also featuring various other faculty from the Departments of Radiology, Infectious Diseases, and Internal Medicine at Universidad Peruana Cayetano Heredia, Lima, Peru

Course Coordinator
Dr. Pedro Legua
Professor of Internal Medicine, Specialist in Tropical Infectious Diseases, UPCH, Lima, Peru

Course Administrator
Mary Tipton
Georgia Regents University, Center of Operational Medicine, Augusta, Georgia, USA
Phone: (866) 593-4911 | Email: mtipton@gru.edu
Registration Information and Costs:

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 are required. The course is targeted to physicians with special interests in clinical tropical medicine. A pre-course is offered September 12-13 for those who would like to refresh their ultrasound skills.

Continuing Medical Education (CME) Credit:
Accreditation-The Medical College of Georgia at Georgia Regents University is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Designation-The Medical College of Georgia at Georgia Regents University designates this live activity for a maximum of 43.75 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

CEUs-This activity includes 43.75 hours of instruction and attendance at the entire activity is approved by Georgia Regents University for a maximum of 4.375 Continuing Education Credit Units.

Registration Fee: $1,600 US Dollars for Registration

Deadline: Applications will be accepted on an ongoing basis. The deadline for registration is August 30, 2013.

Once you submit your application, course faculty will review it and make a decision regarding your acceptance. If you receive a letter of acceptance, a non-refundable 50% deposit will be required to officially 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 is due by August 30, 2013 (the final day for registration).

Optional Pre-Course Ultrasound Refresher: There is an optional two day ultrasound refresher pre-course offered for an additional fee on September 12-13, 2013. The price for the pre-course is $300 US (CME credit included), and it will be held at the Instituto de Medicina Tropical, Alexander van Humboldt, Universidad Peruana Cayetano Heredia (UPCH). If you wish to sign up for the pre-course, please make sure that you select this option on your application.

Items that ARE included in registration fee: 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. Breakfast is provided each morning for participants who are lodging at the Jose Antonio Executive Hotel.

Items that are 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, 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.

Hotel Information and Travel Policy

Suggested Lodging:
Jose Antonio Executive Hotel
Av. 28 de Julio 398 Miraflores, Lima-18, Peru
Telephone: (511) 445-7743  Fax: (511) 446-8295  Email: reservas@hotelesjoseantonio.com

Nightly room rates are $110 US for a single, $120 US for a double room or for couples, and $180 US for a senior suite. You are responsible for making your own hotel reservation. Be sure to ask for the reduced conference rate.
Curriculum
The course consists of lectures, demonstrations, and clinical rounds for live ultrasound scanning at Cayetano Heredia Hospital and Loayza Hospital. Lectures and demonstrations will be presented to the full group. Clinical rounds for scanning will be conducted 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 at Georgia Regents University complies with the Americans with Disabilities Act. If you require special services or facilities to support your participation in this continuing education program, contact Mary Tipton, the Course Administrator, at (866) 593-4911 or mtipton@gru.edu.

OPTIONAL Pre-Course Refresher Schedule
Clinical Ultrasound in Tropical Infectious Disease
September 12-13, 2013
In Cooperation with
Instituto de Medicina Tropical, Universidad Peruana Cayetano Heredia
Medical College of Georgia, Georgia Regents University, Augusta, Georgia
University of Pavia-IRCCS S. Matteo Hospital Foundation, Pavia, Italy

OPTIONAL Pre-Course- Refresher Course on Scanning:
THURSDAY, September 12, 2013
10:00-10:15 Welcome and Introduction and CME
10:15–10:45 Introduction to clinician based bedside US/Physics
10:45-11:00 Knobology (Hands on)
11:00-11:15 Break
11:15-12:00 Liver & Gallbladder
12:00-13:00 Hands on
13:00-14:15 Lunch
14:15-14:45 FAST
14:45-15:15 Renal –
15:15-16:00 Hands on
16:00-16:15 Q&A

FRIDAY, September 13, 2013
8:30-9:00 Rapid Fire Review
9:00-9:30 Aorta/(Peri-aortic nodes)
9:30-9:45 Superficial/Soft tissue Ultrasound
9:45-10:00 LE Veins
10:00-10:15 Break
10:15-11:00 Hands On
11:00-12:00 Trans abdominal OB – 1st trimester dating and 3rd trimester placenta
12:00-13:15 Lunch
13:15-13:45 Lung Essentials
13:45-14:15 Bare Bones Cardiac
14:15-15:30 Hands on cardiac/review
15:30-15:45 Wrap up final Q&A/rapid review
Conference Schedule

Clinical Ultrasound in Tropical Infectious Disease
September 13-18, 2013

In Cooperation with
Instituto de Medicina Tropical, Universidad Peruana Cayetano Heredia
Medical College of Georgia, Georgia Regents University, Augusta, Georgia
University of Pavia-IRCCS S. Matteo Hospital Foundation, Pavia, Italy

FRIDAY, September 13, 2013
8:00-17:00 Arrive in Lima, Peru
18:00-20:00 Reception at the Jose Antonio Executive Hotel
Av. 28 de Julio 398 Miraflores, Lima-18, Peru
Introduction of Faculty and Participants
Welcome by Cayetano Faculty
Course Logistics, CME etc

SATURDAY, September 14, 2013
7:00 Leave Jose Antonio Executive Hotel for Cayetano
08:00 – 08:30 Tropical Ultrasound- An Introduction
08:30 - 09:00 Understanding Peruvian Customs and Medical Practice in Peru
09:00 - 10:00 Lecture- Focal Liver Lesions in Tropical Infectious Diseases
10:00 - 10:15 Break
10:15 - 12:15 US Scanning Rounds (4 stations)
Small group scanning rounds with faculty
12:15 - 13:15 Lunch – on your own
13:15- 13:30 Participant presentation
13:30 - 14:30 Lecture- Evaluation of superficial and deep abscesses and lymphadenopathy
14:30 - 1600 US Demonstrations- group together with live patients
16:00- 17:00 Return to hotel Jose Antonio Executive Hotel

SUNDAY, September 15, 2013
7:00 Leave Jose Antonio Executive Hotel
08:00 - 09:00 Lecture- Ultrasound of the Lung in Infectious Diseases
09:00 - 10:00 Lecture – Ultrasound in Abdominal TB
10:00 - 10:15 Break
10:15 - 12:15 US Scanning Rounds (4 stations)
Small group scanning rounds with faculty
12:15 - 13:15 Lunch – on your own
13:15- 13:30 Participant presentation
13:30 - 14:30 Lecture – Ultrasound in HIV
14:30 - 1600 US Demonstrations- group together with live patients
16:00- 17:00 Return to hotel Jose Antonio Executive Hotel
MONDAY, September 16, 2013
7:00   Leave Jose Antonio Executive Hotel
08:00 - 09:00 Lecture – Cardiac ultrasound and tropical cardiac US (Chagas, Endomyocardial fibrosis)
09:00 - 10:00 Lecture – Logistics of ultrasound in resource limited settings
10:00 - 10:15 Break
10:15 - 12:15 US Scanning Rounds (4 stations)
          Small group scanning rounds with faculty
12:15 - 13:15 Lunch – on your own
13:15- 13:30 Participant presentation
13:30 - 14:00 Lecture – Ultrasound evaluation of Schistosomiasis
14:00- 14:30 Ultrasound in Infectious Diseases - A Case video quiz
14:30 - 1600 US Demonstrations – group together with live patients
16:00- 17:00 Return to hotel Jose Antonio Executive Hotel

TUESDAY, September 17, 2013
7:00   Leave Jose Antonio Executive Hotel
08:30 - 09:00 Lecture- Echinococcus and Fasciola
09:00- 09:30 Lecture-Ultrasound in pregnancy in the remote settings
09:30 - 10:00 Lecture – Ocular ultrasound- common infectious and non-infectious abnormalities
10:00 - 10:15 Break
10:15 - 12:15 US Scanning Rounds (4 stations)
          Small group scanning rounds with faculty
12:15 - 13:15 Lunch – on your own
13:15- 13:30 Participant presentation
13:30- 14:00 Ultrasound in Infectious Diseases- A Case video quiz
14:00 - 14:30 Case Review- review of ultrasound cases from previous days
14:30 - 1600 US Demonstrations-group together with live patients
16:00- 17:00 Return to hotel Jose Antonio Executive Hotel

WEDNESDAY, September 18, 2013
7:00   Leave Jose Antonio Executive Hotel
08:00 - 09:00 Lecture - Evaluation of Shock in resource limited settings
09:00 - 10:00 Case Review- review of ultrasound cases from previous days
10:00 - 10:15 Break
10:15 - 12:15 US Scanning Rounds (4 stations)
          Small group scanning rounds with faculty
12:15 - 13:15 Lunch – on your own
13:15- 13:30 Participant presentation
13:30 - 14:30 Lecture – Chagas Disease
14:30 - 1600 US Demonstrations – group together with live patients
16:00- 17:00 Return to hotel Jose Antonio Executive Hotel
18:15   Bus pick-up at hotel
19:00- 21:00 Closing Ceremony, Supper and Celebration
The 2013 Clinical Ultrasound in Tropical Infectious Diseases Course will be held September 13-18, 2013, in Lima, Peru, and is limited to 24 participants. To apply, please fill out this form, and mail, email, or fax to:

Georgia Regents University
Attn: Mary Tipton, Course Administrator
1120 15th Street, AF-2044
Augusta, GA 30912
United States of America

Email: mtipton@gru.edu
Phone: (866) 593-4911 toll free
Fax: (706) 721-7718

**Fees:** registration fee is $1,600 US Dollars. Plus an additional $300 if you wish to enroll in the 2-day ultrasound refresher pre-course. Applications will be accepted on an ongoing basis. Once you submit your application, the course faculty will review it and make a decision regarding your acceptance. If you receive a letter of acceptance, a non-refundable 50% deposit will be required to reserve your space in the course. The remainder of the registration fee is due by **August 2, 2013.**

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**First Name**  
**MI**  
**Last Name**

**Degree and/or Medical Specialty**

**Street Address**

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<thead>
<tr>
<th>City</th>
<th>State</th>
<th>Zip Code</th>
<th>County (Georgia Residents only)</th>
<th>Country</th>
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</table>

**Last four digits of SSN# (U.S. Citizens only)**

**Birth Date**

**Office Phone** (___) (___) 
Country code City code

**Fax** (___) (___) 
Country code City code

**Home Phone** (___) (___) 
Country code City code

**Mobile** (___) (___) 
Country code City code

**Primary email**  
**Secondary email**

☐ **Please check the box if you wish to register for the Ultrasound Refresher Pre-Course ($300)**

**Payment Options – Check or Credit Card**

- Checks should be made payable to: Georgia Health Sciences University
- Credit Card Information: Card Type: Visa □ MasterCard □  
  Card # ____________________________ Exp. Date: ________ Security Code: ________
  Name on Card: ____________________________
  Signature: ____________________________
  Address on credit card statement (must match exactly) ____________________________

**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.