4TH ANNUAL CONFERENCE

Ultrasound in Anatomy and Physiology Education

Society of Ultrasound in Medical Education

March 11-12, 2016

The Ohio State University Wexner Medical Center
Ultrasound in Anatomy and Physiology Education

Society of Ultrasound in Medical Education

NEEDS ASSESSMENT

Affordable, portable ultrasounds have become a lifesaving tool/technique in many clinical disciplines. As a result, medical educators have realized the need to incorporate ultrasound in their medical school curricula. How to add ultrasound to a busy medical education curriculum is difficult and has not been optimally described. The foundational sciences provide unique opportunities to introduce ultrasound to medical students and anatomists/physiologists are uniquely positioned in the medical curriculum to accomplish this introduction. There is a critical need for a program to teach specific elements of ultrasound to anatomists/physiologists.

COURSE OVERVIEW

This two day course is designed for anatomists and physiologists who are interested in incorporating ultrasound into their curricula. The course will review portable point of care ultrasound benefits, how to utilize ultrasound in teaching of embryology, utilization of anatomical texture to recognize normal tissue and pathology in sonographic images, how to utilize ultrasound to demonstrate physiology in real time, and establishing a role of ultrasound imaging in the modern medical curriculum. An introductory hands-on activity for beginners will be available at the beginning of the course.

OBJECTIVES

Completion of this course will enable participants to:

1. Describe the applicable benefits of point of care ultrasound in clinical practice.
2. Discuss the development of a curriculum that includes ultrasound in undergraduate medical education.
3. Evaluate the feasibility of core and advanced competencies and compare the various ultrasound levels of assessment for ultrasound in medical education.
4. Demonstrate the ability of ultrasound to enhance the teaching of anatomy, embryology, and physiology.
5. Develop a training program to teach anatomists how to teach specific aspects of ultrasound.

The mission of the Society of Ultrasound in Medical Education (SUSME) is to promote the use of ultrasound in medical education through development of educational experiences, research on outcomes, and distribution of results. For more information, visit susme.org.
ACCREDITATION
The Ohio State University Medical Center, Center for Continuing Medical Education is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to sponsor continuing medical education for physicians.

The Ohio State University Medical Center designates this educational activity for a maximum of 13.75 AMA PRA Category 1 Credit™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

DISCLOSURE STATEMENT
Current guidelines state that participants in CME activities should be made aware of any affiliation or financial interest that may affect the speakers’ presentations. Each speaker has completed a conflict-of-interest statement. Disclosure statements will be provided to participants in the course.

COMMERCIAL SUPPORT
The course organizers gratefully acknowledge the generous support of our corporate sponsors.
FRIDAY, MARCH 11, 2016

MORNING SESSION
Introduction to Ultrasound: Learn How to Scan
(Separate registration is required.)

7:30 a.m. Registration and Continental Breakfast
8:00 a.m. Introduction to Ultrasound
9:00 a.m. Break
9:15 a.m. Hands-on Training Session – Fundamentals
11:45 a.m. Break

AFTERNOON SESSION
12:00 p.m. Registration and Lunch
1:00 p.m. Welcome and Introduction
1:10 p.m. Vision of Ultrasound in the Future Preclinical Curriculum
1:40 p.m. Using Anatomical Texture and Relationships to Learn and Teach Sonography
2:10 p.m. Break
2:20 p.m. Hands-on Training Session 1 – Abdomen
3:20 p.m. Break
3:30 p.m. Hands-on Training Session 2 – Thorax
4:30 p.m. Role of Research in Ultrasound in Graduate Education, Day 1
Closing Remarks, Evaluations
6:00 p.m. Reception at the Ohio Union
6:30 p.m. Keynote Presentation: SUSME Ultrasound Overview in Anatomy & Physiology Education
## SATURDAY, MARCH 12, 2016

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<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7:30 a.m.</td>
<td>Registration and Continental Breakfast</td>
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<tr>
<td>8:00 a.m.</td>
<td>Creating a Bridge between Foundational Clinical Sciences and Clinical Practice</td>
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<td>8:30 a.m.</td>
<td>Innovator Status: Reframing the Investment of Ultrasound in Medical Education as an Investment in the Future</td>
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<td>9:10 a.m.</td>
<td>Break</td>
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<tr>
<td>9:20 a.m.</td>
<td>Hands-on Training Session 3 – Anterior Neck</td>
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<tr>
<td>10:20 a.m.</td>
<td>Break</td>
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<td>10:30 a.m.</td>
<td>Hands-on Training Session 4 – Musculoskeletal</td>
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<tr>
<td>11:30 a.m.</td>
<td>Lunch</td>
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<tr>
<td>12:00 p.m.</td>
<td>Clinical Case Presentations</td>
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<td>1:00 p.m.</td>
<td>Break</td>
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<tr>
<td>1:10 p.m.</td>
<td>Ultrasound in Teaching Embryology</td>
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<td>1:40 p.m.</td>
<td>Leveraging Sonographers as Resources</td>
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<td>2:10 p.m.</td>
<td>Application of Ultrasound in Physiology Education</td>
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<td>2:40 p.m.</td>
<td>Break</td>
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<tr>
<td>3:00 p.m.</td>
<td>Panel Discussion: How to Facilitate Ultrasound through Peer Teaching, A Student’s Role in Anatomy and Physiology</td>
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<tr>
<td>4:15 p.m.</td>
<td>Closing and Evaluations</td>
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<tr>
<td>4:30 p.m.</td>
<td>CME Event Concluded</td>
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TRAVEL & ACCOMMODATIONS

Travel and hotel are the responsibility of the individual attendees. The Ohio State University is not responsible for travel arrangements. Please confirm course registration prior to hotel registration or the purchase of airline tickets. If you need special accommodations due to disability, please contact Regina Dudzik at (614) 685-4205.

Hyatt Place Columbus/OSU
795 Yard St
The Hyatt Place is ideally situated just minutes from The Ohio State University, the Greater Columbus Convention Center, Arena District, and wonderful neighborhoods of Downtown Columbus. Enjoy shopping at the Short North Shops and Easton Towne Center or attend a live performance at the Lifestyle Community Pavilion. For the sports enthusiast, visit the Jerome Schottenstein Center, the Nationwide Arena or the Ohio Stadium, home to the Ohio State Buckeyes. The Buckeye Hall of Fame Grill is located next door, featuring unique memorabilia, rarely-seen photographs, 40” TV screens, and an atmosphere that celebrates all things scarlet and gray. For more information, please visit their website at: hyattplacecolumbusosu.com.

A block of rooms has been reserved at the Hyatt Place at a reduced rate of $142 per night, single or double occupancy, plus room tax. Reservations must be received on or before January 20, 2016 to ensure the reduced rate. Reservations for the event should be made by individual attendees directly with the Hyatt Place by visiting the website or call 888/492-8847 and utilize the booking code “G-SUSME”.

AIR TRAVEL

It is recommended that you use Port Columbus International Airport, which is a 15-minute drive to the hotel.

For more information about this conference, visit go.osu.edu/susme2016

To register, visit go.osu.edu/susme2016registration or mail your completed form to:

Regina Dudzik
OSU Department of Emergency Medicine
785 Prior Hall
376 W. 10th Ave
Columbus, OH 43210

Contact Phone: 614-685-4205 and Email: Regina.Dudzik@osumc.edu
GUEST SPEAKERS

Robert Jones, DO, FACEP
Director, Emergency Ultrasound
Director, Emergency Ultrasound Fellowship
MetroHealth Medical Center
Associate Professor, Case Western Reserve University
Cleveland, OH

Craig Goodmurphy, PhD
Director, Human Anatomy Lab and Clinical Anatomy & Surgical Training Center
Professor of Anatomy and Pathology
Eastern Virginia Medical School Norfolk, VA

Richard Hoppmann, MD, FACP
Director, Ultrasound Institute
Professor of Medicine
Dean Emeritus
University of South Carolina
School of Medicine
Columbia, SC

Paul Speer, MD
Associate Professor Emeritus
University of Pittsburgh
School of Medicine
Department of Ob/Gyn/RS
Division of Ultrasound
Pittsburgh, PA

THE OHIO STATE UNIVERSITY AFFILIATED INSTRUCTORS

Course Directors:

David Bahner, MD, RDMS, FAAEM
Ultrasound Director
Professor of Emergency Medicine
The Ohio State University

Robert DePhilip, PhD
Associate Professor Emeritus
Division of Anatomy
The Ohio State University

OSU Instructors:

Laura C. Boucher, PhD, ATC
Assistant Professor-Clinical
Division of Anatomy

Creagh Boulger, MD
Assistant Professor
Department of Emergency Medicine

Marcia Bockbrader, MD, PhD
Assistant Professor
Department of Physical Medicine and Rehabilitation

Suresh K. Chamarthi, MBBS, FRCR
Assistant Professor in Abdominal Imaging Clinical Director-Ultrasound
Department of Radiology

Tyler Dschaak, MD
Assistant Professor, Ultrasound Fellow
Department of Emergency Medicine

Kevin D. Evans, PhD, RT, (R) (M) (BD)
Professor
Director, Radiologic Sciences/Respiratory Therapy Division
OSU-College of Medicine/School of Health and Rehabilitation Sciences Director, Laboratory for Investigatory Imaging

Pamela M Foy, MS, RDMS, FSDMS
Imaging Manager, OB Ultrasound
Clinical Associate Professor, Department of Obstetrics and Gynecology

Eileen Kalmar, PhD
Assistant Professor-Clinical Division of Anatomy

Raheela Khawaja, MD
Associate Professor
Division of Endocrinology

Michael Prats, MD
Assistant Professor, Ultrasound Fellow
Department of Emergency Medicine
Registration Form – Ultrasound in Anatomy and Physiology

Program fees include attendance to program, digital course syllabus, breaks/ lunches and the welcome reception. Seating is limited and registration is required.

Registration Fees -
On or before Dec. 31, 2015
❍ SUSME Member: $250
❍ Non-SUSME Member: $300
❍ Fellow/Resident: $50
❍ Allied Healthcare Professional: $50

After Dec. 31, 2015
❍ SUSME Member: $300
❍ Non-SUSME Member: $350
❍ Fellow/Resident: $75
❍ Allied Healthcare Professional/Dietitian: $75
❍ Graduate/Medical Student Fee: $100
  (includes conference registration, Ultrasound Session registration and Reception).

Would you like to participate in the “Introduction to Ultrasound: Learn How to Scan” Training Session?
❍ Yes, Additional fee of $100 will be charged.
❍ No

Reception (included in registration fee):
❍ Yes, I would like to attend.
❍ No, I will not be attending.
❍ $25/guest: Name of your guest(s):

Payment Method:  Amount Enclosed $ ______________

Payment (Please indicate form of payment below)
❍ Check (payable to The Ohio State University CMIS)
❍ MasterCard  ○ VISA  ○ AMEX  ○ Discover (through CCME website only)

Credit Card Number ___________________________ Exp. Date ___________________________
Authorized Signature ___________________________ Billing Zip Code ___________________________

First Name ___________________________ Last Name ___________________________
Title ___________________________
Address ___________________________
City ___________________________ State/Country ___________________________ ZIP ___________________________
Phone ___________________________ Fax ___________________________
Email ___________________________
Primary Hospital Affiliation ___________________________

REGISTRATION CANCELLATION POLICY
100% of the course fee will be refunded for cancellations received up to two weeks prior to the course. Cancellations received less than two weeks prior to course will be refunded less a 50% cancellation fee.