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
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NEEDS ASSESSMENT
Affordable, portable ultrasounds have become a lifesaving tool/technique in many clinical disciplines. As a result, medical educators have realized there is a need to incorporate ultrasound in their medical school curricula. Adding 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 also 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 the 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 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 program to train anatomists to teach specific aspects of ultrasound.

ACCREDITATION
The Ohio State University Wexner 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 Wexner 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: Learning 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 and Physiology Education

SATURDAY, MARCH 12, 2016

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

Travel and hotel arrangements are the responsibility of the individual attendees. 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, the Arena District, and the wonderful neighborhoods of Downtown Columbus. Enjoy shopping at the Short North Shops and Easton Town 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 University Buckeyes. The Buckeye Hall of Fame Grill is located next door to the hotel, featuring unique memorabilia, rarely-seen photographs, 40-inch TV screens, and an atmosphere that celebrates all things scarlet and gray. For more information, please visit their website at: columbusosu.place.hyatt.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 22, 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 calling 888/492-8847 and utilizing the booking code “G-SUSME”.

AIR TRAVEL

It is recommended that you use Port Columbus International Airport, which is a 15-minute drive from 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
The Ohio State University 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

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
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, FAAAEM
Ultrasound Director
Professor of Emergency Medicine
The Ohio State University

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

Ohio State 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-Clinical Abdominal Imaging
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
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

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

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Pittsburgh, PA
Registration Form – Ultrasound in Anatomy and Physiology

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

**REGISTRATION CANCELLATION POLICY**
100 percent 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 percent cancellation fee.

**REGISTRATION FEES**

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<tr>
<th>On or before Dec. 31, 2015</th>
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<tbody>
<tr>
<td>SUSME Member: $250</td>
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<tr>
<td>Fellow/Resident: $50</td>
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<tr>
<td>Allied Healthcare Professional: $50</td>
<td>Allied Healthcare Professional/Dietitian: $75</td>
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<td>Graduate/Medical Student Fee: $100</td>
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Would you like to participate in the “Introduction to Ultrasound: Learning 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 ___________________________