

# Thursday, April 14

# Preconvention Program

*Separate Registration*

## Schedule at a Glance

<b>6:00 AM–4:15 PM</b>	Registration Open
<b>7:00 AM–7:30 AM</b>	Preconvention Program Breakfast
<b>7:30 AM–11:30 AM</b>	Current Clinical Utilization of Therapeutic Ultrasound in Gynecology
<b>7:30 AM–11:30 AM</b>	Doppler Ultrasound in Obstetrics: Case Based
<b>7:30 AM–11:30 AM</b>	Techniques of Ablation and Uterine Artery Embolization
<b>7:30 AM–11:30 AM</b>	Three- and Four-Dimensional Fetal Cardiac Imaging
<b>7:30 AM–11:30 AM</b>	Ultrasound-Directed Pediatric Resuscitation
<b>7:30 AM–5:00 PM</b>	Musculoskeletal Ultrasound: Core Curriculum
<b>8:00 AM–12:00 PM</b>	Technical Standards Committee Meeting
<b>11:30 AM–1:00 PM</b>	Annual Convention Committee Meeting
<b>1:00 PM–5:00 PM</b>	Current Controversies in Vascular Sonography
<b>1:00 PM–5:00 PM</b>	Differential Diagnosis of Congenital Anomalies
<b>1:00 PM–5:00 PM</b>	The Future of Clinical Utilization of Therapeutic Ultrasound in Oncology
<b>1:00 PM–5:00 PM</b>	The Road From Basic to Advanced 3-Dimensional Ultrasound
<b>1:00 PM–7:00 PM</b>	Bioeffects Committee Meeting
<b>1:30 PM–3:30 PM</b>	Finance and Executive Committee Meeting

# In Appreciation

It is with the greatest appreciation that the AIUM offers our thanks to the following companies for their financial support over the past year. These companies have demonstrated their commitment to the AIUM, the advancement of ultrasound development and education, and the ultrasound community by advertising in the *Journal of Ultrasound in Medicine*, participating in the Annual Convention and CME courses, providing sponsorship and educational grants, and donating to the AIUM's Endowment for Education and Research.

The AIUM is a multidisciplinary association dedicated to advancing the safe and effective use of ultrasound in medicine through professional and public education, research, development of guidelines, and accreditation. With the help and support of these companies, we will continue to see improvements in years to come.

The AIUM is grateful to the companies listed below for their support in 2010.

## Platinum Level

(\$50,000 and above)

GE Healthcare  
Medison America, Inc  
Philips Healthcare

## Gold Level

(\$25,000-\$49,999)

Parker Laboratories, Inc  
Siemens Medical Solutions USA, Inc  
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## Silver Level

(\$10,000-\$24,999)

CIVCO Medical Solutions  
Digisonics, Inc  
Hitachi Medical Systems America, Inc  
Sound Ergonomics, LLC  
Toshiba America Medical Systems, Inc  
Ultrasonix Medical Corporation  
Zonare Medical Systems, Inc

## Bronze Level

(\$5,000-\$9,999)

AS Software, Inc  
Cook Medical  
Fetal Echocardiography/Gold Edition PLUS  
Imorgon Medical, LLC  
Lippincott Williams & Wilkins  
Medical Soft, Inc  
PCI Medical, Inc  
SonoSite, Inc  
Sonotech, Inc  
Sonultra Corporation  
Thomas Jefferson University

## Copper Level

(\$1,000-\$4,999)

Advanced Imaging, Inc  
Aloka Ultrasound  
American Registry for Diagnostic  
Medical Sonography (ARDMS)  
ATS Laboratories, Inc  
Biocell Center Corporation  
Esaote North America  
California Department of Public Health/  
Genetic Disease Screening Program  
Center for Fetal Diagnosis and Treatment at the  
Children's Hospital of Philadelphia (CHOP)  
ContextVision AB  
DR Systems, Inc  
Fetal Medicine Foundation USA  
Gammex, Inc  
GeneCare Medical Genetics Center  
Gulfcoast Ultrasound Institute, Inc  
Kyoto Kagaku Co, Ltd  
Loma Linda University Medical Center  
Medical Positioning, Inc  
Mohawk College  
NTD Laboratories, A PerkinElmer Company  
Philips Research  
SonoScape Co, Ltd  
Sound Technology, Inc  
SuperSonic Imagine, Inc  
Terason Ultrasound  
The Baby CD  
The Fetal & Women's Center of Arizona  
*The New York Times*  
Ultralingq Healthcare Solutions, Inc  
Wake Forest University School of Medicine  
W. B. Saunders Mosby-Elsevier  
WinProbe Corporation



**7:00 AM–7:30 AM**

## **Preconvention Program Breakfast**

Breakfast will be provided outside each room.



**7:30 AM–11:30 AM**

## **Morning Half-Day Courses**

Each half-day course is eligible for 3.5 AMA PRA Category 1 Credits™ (accepted by the ARDMS) or ARRT Category A Credits.

**THERA**

### **Current Clinical Utilization of Therapeutic Ultrasound in Gynecology**

*Moderator: J. Brian Fowlkes, PhD*

**Gramercy/Olmstead • Seventh Floor**

*Faculty: Shannon K. Laughlin, MD, Nathan McDannold, PhD, and Clare Tempany, MD*

This course is designed to provide attendees with an understanding of how therapeutic ultrasound has evolved toward use in the treatment of gynecologic conditions. This application area is at the forefront of clinical applications, and this course will provide information on the instrumentation developed for the treatment of uterine fibroids, effective application of the therapy, and outcomes associated with treatment.

**OB**

### **Doppler Ultrasound in Obstetrics: Case Based**

*Moderator: Joshua Copel, MD*

**Astor Ballroom • Seventh Floor**

*Faculty: Mert Bahtiyar, MD, Ahmet Baschat, MD, Gregory DeVore, MD, Giancarlo Mari, MD, and Lynn Simpson, MD*

The objective of this course is to provide the basics of the use of Doppler ultrasound in obstetrics. This course will discuss the use and clinical applications of these waveforms in a case-based format.

**IVIO**

**G&A**

### **Techniques of Ablation and Uterine Artery Embolization**

*Moderator: Hisham Tchelepi, MD*

**Soho/Herald • Seventh Floor**

*Faculty: Nami Azar, MD, Shrinivas Desai, MD, George Holland, MD, Nael Saad, MD, and Wael Saad, MD*

The objective of this course is to introduce attendees to the newer techniques of ablation of tumors and describe the indications and need for uterine artery embolization.

FE

OB



### Three- and Four-Dimensional Fetal Cardiac Imaging

*Moderators: Julia Drose, BA, RT, RDMS, RVT, RDCS, and Mark Sklansky, MD*

**Empire Complex • Seventh Floor**

*Faculty: Reuven Achiron, MD, Liat Gindes, MD, Wesley Lee, MD, David Sahn, MD, and Lami Yeo, MD*

The objective of this course is to review the basic approach to fetal cardiac imaging using techniques based on 3-dimensional (3D) and 4D data acquisition and postacquisition volume review. The approach to volume data acquisition plus postacquisition data manipulation to obtain diagnostically useful images will be demonstrated and will include examples of normal cases and congenital heart disease. The overall indications and utility of 3D/4D data for screening and evaluation of the fetal heart will be reviewed. Areas examined include a historical/technical background, the basic approach, the first trimester, cardiac screening, and abnormal hearts.

ERCC

PEDS

CARDIO

### Ultrasound-Directed Pediatric Resuscitation

*Moderators: David Kessler, MD, and James Tsung, MD*

**Marquis Ballroom A/B • Ninth Floor**

*Faculty: Alyssa Abo, MD, David Kessler, MD, Jason Levy, MD, Vaishali Shah MD, and James Tsung, MD*

The objective of this course is to provide ultrasound guidance or direction of pediatric resuscitation in emergency departments and critical care units. The course will focus on a head-to-toe–style evaluation, resuscitation algorithms, and applicable cardiac, lung, abdominal, and vascular ultrasound examinations performed at the bedside simultaneously with the resuscitation process. A state-of-the-art summary of protocols and literature will end the course.



**1:00 PM–5:00 PM**

## Afternoon Half-Day Courses

Each half-day course is eligible for 3.5 AMA PRA Category 1 Credits™ (accepted by the ARDMS) or ARRT Category A Credits.

**CARDIO**

**SONO**



### Current Controversies in Vascular Sonography

Moderator: *M. Robert De Jong, RDCS, RDMS, RVT*

**Marquis Ballroom A/B • Ninth Floor**

*Faculty: John Blebea, MD, M. Robert De Jong, RDCS, RDMS, RVT, Edward Grant, MD, Joanne Lohr, MD, RVT, Laurence Needleman, MD, Myron Pozniak, MD, and Renee Patterson, MD*

The objective of this course is to provide new techniques in vascular imaging and treatment. The controversies will include calf veins, unilateral deep venous thrombosis examinations, and diagnostic charts. Audience discussion will be included.

**OB**

### Differential Diagnosis of Congenital Anomalies

Moderator: *Bryann Bromley, MD*

**Astor Ballroom • Seventh Floor**

*Faculty: Carol Benson, MD, Jane Corteville, MD, Luis Gonçalves, MD, Sharon Horton, RDMS, Anna Monteagudo, MD, Michelle Russell, MD, Waldo Sepulveda, MD, Lynn Simpson, MD, and Lami Yeo, MD*

The objective of this course is to provide presentations of cases involving congenital anomalies that are unusual, but not esoteric, that have significant teaching points.

**THERA**

### The Future of Clinical Utilization of Therapeutic Ultrasound in Oncology

Moderator: *J. Brian Fowlkes, PhD*

**Gramercy/Olmstead • Seventh Floor**

*Faculty: Kullervo Hynynen, PhD, Joo Ha Hwang, MD, PhD, and Clare Tempny, MD*

This course is designed to provide an overview of the developing field of oncologic therapy using ultrasound. Oncologic applications for therapeutic ultrasound are growing, and the utility of this therapy is being examined in the treatment of numerous cancers. The design of ultrasound systems for cancer applications has evolved specific attributes, and understanding how and when to use therapeutic ultrasound is essential to the future success of the field. Both the instrumentation and the clinical approaches to oncology will be presented to show the promise of this exciting use of therapeutic ultrasound.

**GYN**

## The Road From Basic to Advanced 3-Dimensional Ultrasound

Moderator: *Ilan Timor-Tritsch, MD*

Empire Complex • Seventh Floor

Faculty: *George Bega, MD, Arthur Fleischer, MD, Anna Lev-Toaff, MD, and Ilan Timor-Tritsch, MD*

The objective of this course is to provide an overview of 3-dimensional ultrasound in gynecology with subcategories of the uterus, ovaries, and pelvic floor.



**7:30 AM–5:00 PM**

### Full-Day Course

Earn up to 8 AMA PRA Category 1 Credits™ (accepted by the ARDMS) or ARRT Category A Credits.

**MSK**

**SONO**

**THERA**

## Musculoskeletal Ultrasound: Core Curriculum

Moderator: *Ralf Thiele, MD*

Marquis Ballroom C • Ninth Floor

Faculty: *J. Antonio Bouffard, MD, David Fessell, MD, Levon Nazarian, MD, Jay Smith, MD, and Marnix Van Holsbeek, MD*

The objective of this course is to provide an overview and live demonstration of ultrasound of the joints of upper and lower extremities according to the AIUM practice guidelines (excluding the hand and wrist). This course is targeted to physicians, practitioners, and sonographers with beginner to intermediate levels of experience in musculoskeletal ultrasound.



**8:00 AM–3:30 PM**

### Committee Meetings

**8:00 AM–12:00 PM**

**Technical Standards Committee**

Ziegfeld • Fourth Floor

**11:30 AM–1:00 PM**

**Annual Convention Committee**

Cantor/Jolson • Ninth Floor

**1:00 PM–7:00 PM**

**Bioeffects Committee**

Ziegfeld • Fourth Floor

**1:30 PM–3:30 PM**

**Finance and Executive Committee**

Barrymore • Ninth Floor