



ESP EDUCATION FOR THE  
SONOGRAPHIC PROFESSIONAL  
ULTRASOUND™

# REGISTRY REVIEW

## 2019 SEMINAR SCHEDULE

PROGRAMS FOR:

PHYSICS SPI • RDCS, RVT, RDMS  
RCS, RVS, RCCS  
RMSK, RMSKS

Physics Component Of  
ASCeXAM & PTEeXAM

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# 2019 SEMINAR SCHEDULE

## PHYSICS & SPECIALTY AND PHYSICS ONLY WEEKENDS

LOCATION	DATE	WEEKEND	PAGE
Birmingham, AL	March 8 - 10	Physics & Specialty	7
Pittsburgh, PA	April 5 - 7	Physics & Specialty	7
Los Angeles, CA	April 13 - 14	Physics Only	19
Dallas, TX	April 26 - 28	Physics & Specialty	8
Parsippany, NJ	June 7 - 9	Physics & Specialty	8
Orlando, FL	July 12 - 14	Physics & Specialty	9
Las Vegas, NV	August 2 - 4	Physics & Specialty	9
Chicago, IL	September 6 - 8	Physics & Specialty	10
Houston, TX	September 20 - 22	Physics & Specialty	10
Washington, DC	October 11 - 13	Physics & Specialty	11
Los Angeles, CA	October 19 - 20	Physics Only	19

### Challenging CCI's Non-Invasive Echo or Non-Invasive Vascular Exam?

CCI combines both clinical material and physics material in each of these exams. Therefore, ESP's Physics & Specialty Weekends are ideal preparation for sonographers seeking CCI's RCS or RVS credentials. Enroll in both the morning Physics and an afternoon Specialty class for optimal non-invasive echo or vascular exam coverage.

Ultrasound Physics - SPI, Fetal Echocardiography, Musculoskeletal, Pediatric Echocardiography, and Pediatric Sonography classes are taught in the mornings.

EDUCATIONAL PRODUCTS  
PAGES 24 - 26

# OVERVIEW

## WHO SHOULD ATTEND

**SONOGRAPHERS:** ESP's programs serve sonographers, echocardiographers, technologists, and mammographers preparing for ultrasound boards exams. Our seminars provide continuing education credits for exam prerequisites and currently credentialed professionals. They are also directed towards those sonographers wishing to enhance their understanding of the theory and practice of diagnostic ultrasound.

**PHYSICIANS:** practicing radiology, vascular surgery, cardiology, phlebology, emergency medicine, cardiac anesthesiology, and Ob/Gyn will benefit from our programs. Physicians earn *AMA PRA Category 1 Credit(s)<sup>TM</sup>* while preparing for board exams that are administered by the ARDMS and National Board of Echocardiography.

ESP's Musculoskeletal Program serves sonographers, orthopedists, chiropractic medicine, sports medicine, physical medicine & rehabilitation, rheumatology, athletic training, emergency medicine, podiatry and more.

ESP's seminars are the nation's largest and most successful registry reviews. We continue to help you fulfill your registry, accreditation and educational needs. All participants may earn *AMA PRA Category 1 Credit(s)<sup>TM</sup>* while attending our seminars.

## OBJECTIVES

This multi-track program is designed to improve performance and interpretation of diagnostic ultrasound and Doppler exams. Upon completion of this program, the participants will be able to:

- Use ultrasound physical principles to optimize exam quality
- Identify normal anatomy and pathology from ultrasound examinations
- Understand the current diagnostic roles of the various ultrasound and Doppler modalities
- Prepare for ultrasound credentials and laboratory accreditation

“

Thank you for narrowing the scope of study! It's refreshing to know that I will only have to stay within the workbook to study and be successful!

Martha McCoy, RDMS

# PHYSICS & SPECIALTY WEEKEND

## SEMINAR DATES

Birmingham, AL	March 8 - 10
Pittsburgh, PA	April 5 - 7
Dallas, TX	April 26 - 28
Parsippany, NJ	June 7 - 9
Orlando, FL	July 12 - 14
Las Vegas, NV	August 2 - 4
Chicago, IL	September 6 - 8
Houston, TX	September 20 - 22
Washington, DC	October 11 - 13

## COURSES

### MORNING COURSES

ULTRASOUND PHYSICS - SPI  
FETAL ECHOCARDIOGRAPHY  
MUSCULOSKELETAL (see page 16)  
PEDIATRIC ECHOCARDIOGRAPHY  
PEDIATRIC SONOGRAPHY

### AFTERNOON COURSES

ABDOMINAL SONOGRAPHY  
ADULT ECHOCARDIOGRAPHY  
BREAST SONOGRAPHY  
OB/GYN SONOGRAPHY  
VASCULAR TECHNOLOGY

PASSIONATE AND PREPARED - that's how students describe ESP Ultrasound's experienced faculty. By limiting the content of our classes to the 'right stuff,' you'll be well on the way towards earning professional credentials. You will be given a clear and direct roadmap that keeps you on the right track.

We appreciate the many commitments that you have and respect your faith in us. Together, we will remain focused, keep our vision on the ultimate goal and produce stellar results. It is what the ESP team has been doing for decades!

“

Always good, very knowledgeable. I learned many new things. I'm grateful I came.

Tanya R. Haye, RDMS

# PHYSICS & SPECIALTY WEEKEND

## COURSE DETAILS

### Birmingham, Alabama

March 8 - 10

#### HOTEL & SEMINAR LOCATION

Birmingham Marriott  
3590 Grandview Parkway  
Birmingham, AL 35243  
205-968-3775

#### MORNING COURSES

Ultrasound Physics - SPI  
Musculoskeletal Sonography  
Pediatric Echocardiography

(select only one - each class all 3 days)

Friday	8 AM - Noon
Saturday	7:30 AM - Noon
Sunday	7:30 AM - 11:15 AM

#### AFTERNOON COURSES

Abdominal Sonography  
Adult Echocardiography  
Ob/Gyn Sonography  
Vascular Technology

(select only one - each class all 3 days)

Friday	1 PM - 5 PM
Saturday	1 PM - 5 PM
Sunday	12 PM - 4 PM

### Pittsburgh, Pennsylvania

April 5 - 7

#### HOTEL & SEMINAR LOCATION

Sheraton Hotel Station Square  
300 W Station Square Drive  
Pittsburgh, PA 15219  
412-261-2000

#### MORNING COURSES

Ultrasound Physics - SPI  
Pediatric Sonography

(select only one - each class all 3 days)

Friday	8 AM - Noon
Saturday	7:30 AM - Noon
Sunday	7:30 AM - 11:15 AM

#### AFTERNOON COURSES

Abdominal Sonography  
Adult Echocardiography  
Ob/Gyn Sonography  
Vascular Technology

(select only one - each class all 3 days)

Friday	1 PM - 5 PM
Saturday	1 PM - 5 PM
Sunday	12 PM - 4 PM

TUITIONS & SPECIAL COURSE CITIES  
PAGE 13

# PHYSICS & SPECIALTY WEEKEND

## COURSE DETAILS

Dallas, Texas

April 26 - 28

### HOTEL & SEMINAR LOCATION

Omni Mandalay - Las Colinas  
221 East Las Colinas Boulevard  
Irving, TX 75039  
972-556-0800

### MORNING COURSES

Ultrasound Physics - SPI  
Fetal Echocardiography  
Musculoskeletal Sonography  
Pediatric Sonography  
(select only one - each class all 3 days)  
Friday 8 AM - Noon  
Saturday 7:30 AM - Noon  
Sunday 7:30 AM - 11:15 AM

### AFTERNOON COURSES

Abdominal Sonography  
Adult Echocardiography  
Ob/Gyn Sonography  
Vascular Technology  
(select only one - each class all 3 days)  
Friday 1 PM - 5 PM  
Saturday 1 PM - 5 PM  
Sunday 12 PM - 4 PM

Parsippany, New Jersey

June 7 - 9

### HOTEL & SEMINAR LOCATION

Sheraton Parsippany Hotel  
Fly into Newark Airport  
199 Smith Road  
Parsippany, NJ 07054  
888-627-8148

### MORNING COURSE

Ultrasound Physics - SPI  
(select only one - each class all 3 days)  
Friday 8 AM - Noon  
Saturday 7:30 AM - Noon  
Sunday 7:30 AM - 11:15 AM

### AFTERNOON COURSES

Abdominal Sonography  
Adult Echocardiography  
Breast Sonography  
Ob/Gyn Sonography  
Vascular Technology  
(select only one - each class all 3 days)  
Friday 1 PM - 5 PM  
Saturday 1 PM - 5 PM  
Sunday 12 PM - 4 PM

“

I wanted to let you know that the students who attended your seminar came back very excited and stated that it was well worth the money.

Julia Rose Imboden, MS, RDMS, RVT, RDCS

# PHYSICS & SPECIALTY WEEKEND

## COURSE DETAILS

Orlando, Florida

July 12 - 14

### HOTEL & SEMINAR LOCATION

Florida Hotel & Conference Center  
1500 Sand Lake Road  
Orlando, FL 32809  
800-588-4656

### MORNING COURSES

Ultrasound Physics - SPI  
Fetal Echocardiography  
Pediatric Sonography

(select only one - each class all 3 days)

Friday	8 AM - Noon
Saturday	7:30 AM - Noon
Sunday	7:30 AM - 11:15 AM

### AFTERNOON COURSES

Abdominal Sonography  
Adult Echocardiography  
Breast Sonography  
Ob/Gyn Sonography  
Vascular Technology

(select only one - each class all 3 days)

Friday	1 PM - 5 PM
Saturday	1 PM - 5 PM
Sunday	12 PM - 4 PM

Las Vegas, Nevada

August 2 - 4

### HOTEL & SEMINAR LOCATION

Westgate Las Vegas Resort  
3000 Paradise Road  
Las Vegas, NV 89109  
(800) 732-7117

### MORNING COURSES

Ultrasound Physics - SPI  
Fetal Echocardiography  
Musculoskeletal Sonography  
Pediatric Echocardiography  
Pediatric Sonography

(select only one - each class all 3 days)

Friday	8 AM - Noon
Saturday	7:30 AM - Noon
Sunday	7:30 AM - 11:15 AM

### AFTERNOON COURSES

Abdominal Sonography  
Adult Echocardiography  
Breast Sonography  
Ob/Gyn Sonography  
Vascular Technology

(select only one - each class all 3 days)

Friday	1 PM - 5 PM
Saturday	1 PM - 5 PM
Sunday	12 PM - 4 PM



ESP EDUCATION FOR THE  
SONOGRAPHIC PROFESSIONAL  
ULTRASOUND™

## X-ZONE

Attend a 12-hour seminar in physics, abdominal, adult echo, breast, ob/gyn or vascular and gain free access to our innovative internet exam prep site, the X-ZONE.



# PHYSICS & SPECIALTY WEEKEND

## COURSE DETAILS

Chicago, Illinois

September 6 - 8

### HOTEL & SEMINAR LOCATION

DoubleTree Oak Brook  
1909 Spring Road  
Oak Brook, IL 60523  
630-472-6000

### MORNING COURSE

Ultrasound Physics - SPI

(select only one - each class all 3 days)

Friday	8 AM - Noon
Saturday	7:30 AM - Noon
Sunday	7:30 AM - 11:15 AM

### AFTERNOON COURSES

Abdominal Sonography  
Adult Echocardiography  
Ob/Gyn Sonography  
Vascular Technology

(select only one - each class all 3 days)

Friday	1 PM - 5 PM
Saturday	1 PM - 5 PM
Sunday	12 PM - 4 PM

Houston, Texas

September 20 - 22

### HOTEL & SEMINAR LOCATION

Westin Oaks Houston  
5011 Westheimer at Post Oak  
Houston, TX 77056  
888-627-8514

### MORNING COURSES

Ultrasound Physics - SPI

Fetal Echocardiography

(select only one - each class all 3 days)

Friday	8 AM - Noon
Saturday	7:30 AM - Noon
Sunday	7:30 AM - 11:15 AM

### AFTERNOON COURSES

Abdominal Sonography  
Adult Echocardiography  
Breast Sonography  
Ob/Gyn Sonography  
Vascular Technology

(select only one - each class all 3 days)

Friday	1 PM - 5 PM
Saturday	1 PM - 5 PM
Sunday	12 PM - 4 PM

“

As of today, I received my third credential. Your courses have really made a difference and helped me achieve this professional accomplishment.

Teri Klotz, RDMS, RVT, RDCS

# PHYSICS & SPECIALTY WEEKEND

## COURSE DETAILS

Washington, DC

October 11 - 13

### HOTEL & SEMINAR LOCATION

Hyatt Regency Reston  
1800 Presidents Street  
Reston, VA 20190  
703-709-1234

### MORNING COURSES

Ultrasound Physics - SPI  
Fetal Echocardiography  
Pediatric Echocardiography

(select only one - each class all 3 days)

Friday	8 AM - Noon
Saturday	7:30 AM - Noon
Sunday	7:30 AM - 11:15 AM

### AFTERNOON COURSES

Abdominal Sonography  
Adult Echocardiography  
Ob/Gyn Sonography  
Vascular Technology

(select only one - each class all 3 days)

Friday	1 PM - 5 PM
Saturday	1 PM - 5 PM
Sunday	12 PM - 4 PM

## FOLLOW US



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“

I will definitely be coming back and recommending that my coworkers to go to a seminar.

Cheryl Fahey, RCS

# PHYSICS & SPECIALTY WEEKEND ENROLLMENT FORM

Late and on-site registrations subject to a \$50 late fee.

Name \_\_\_\_\_ Mr. Ms. Miss Mrs. Dr.

Credentials: RDMS RDCS RVT RVS RCS RT RN PA MD DO DC

Birthday \_\_\_\_\_ ARDMS# \_\_\_\_\_ CCI# \_\_\_\_\_ SDMS# \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

Phone \_\_\_\_\_ Email \_\_\_\_\_

## PLEASE ENROLL ME IN:

### MORNING COURSES

(select only one - each class all 3 days):

- Ultrasound Physics - SPI
- Fetal Echocardiography
- Musculoskeletal
- Pediatric Echocardiography
- Pediatric Sonography

### AFTERNOON COURSES

(select only one - each class all 3 days):

- Abdominal Sonography
- Adult Echocardiography
- Breast Sonography
- Obstetric & Gynecologic Sonography
- Vascular Technology

## SELECT SEMINAR LOCATION

### LOCATIONS

- Birmingham, AL
- Pittsburgh, PA
- Dallas, TX
- Parsippany, NJ
- Orlando, FL
- Las Vegas, NV
- Chicago, IL
- Houston, TX
- Washington, DC

### DATE

- March 8 - 10
- April 5 - 7
- April 26 - 28
- June 7 - 9
- July 12 - 14
- August 2 - 4
- September 6 - 8
- September 20 - 22
- October 11 - 13

### ENROLLMENT FEE

\$ \_\_\_\_\_

(see page 13)

Registration tuition includes course materials, continental breakfasts and beverage breaks.

Payment Method

Check/Money order (enclosed) or charge my: MasterCard Visa Discover

Card No. \_\_\_\_\_ Exp Date \_\_\_\_\_

Signature \_\_\_\_\_ 3-Digit Code \_\_\_\_\_

## 4 WAYS TO REGISTER

1) ONLINE - [www.esp-inc.com](http://www.esp-inc.com)

2) EMAIL ATTACHMENT - [info@esp-inc.com](mailto:info@esp-inc.com)

3) FAX: (281) 292-9430

4) MAIL - ESP Ultrasound · PO Box 7439 · Woodlands, Texas 77387-7439

Personal checks payable to ESP Ultrasound must arrive 4 weeks prior to seminar.

# TUITIONS & SPECIAL COURSE CITIES

## MORNING COURSES ONLY

Morning Courses	Sonographer	Physician
Ultrasound Physics - SPI	\$325	\$425
Fetal Echo, Pediatric Echo, or Pediatric Sonography	\$375	\$475
Musculoskeletal Special Program	\$450	\$550

## AFTERNOON COURSES ONLY

Afternoon Courses	Sonographer	Physician
Abdominal, Adult Echo, Ob/Gyn, or Vascular	\$325	\$425
Breast Sonography	\$375	\$475

## MORNING AND AFTERNOON COURSES

AM	PM	Sonographer	Physician	
Ultrasound Physics - SPI	+	Abdominal, Adult Echo, Ob/Gyn, or Vascular	\$550	\$650
		Breast Sonography	\$600	\$700
Fetal Echo, Pediatric Echo, or Pediatric Sonography	+	Abdominal, Adult Echo, Ob/Gyn, or Vascular	\$600	\$700
		Breast Sonography	\$650	\$750
Musculoskeletal Special Program	+	Abdominal, Adult Echo, Ob/Gyn, or Vascular	\$675	\$775
		Breast Sonography	\$725	\$825

## SPECIAL MORNING COURSE CITIES

Fetal Echocardiography presented only in:

Dallas, TX, April 26 - 28  
 Orlando, FL, July 12 - 14  
 Las Vegas, NV, August 2 - 4  
 Houston, TX, September 20 - 22  
 Washington, DC, October 11 - 13

Pediatric Sonography presented only in:

Pittsburgh, PA, April 5 - 7  
 Dallas, TX, April 26 - 28  
 Orlando, FL, July 12 - 14  
 Las Vegas, NV, August 2 - 4

Pediatric Echocardiography presented only in:

Birmingham, AL, March 8 - 10  
 Las Vegas, NV, August 2 - 4  
 Washington, DC, October 11 - 13

Musculoskeletal presented only in:

Birmingham, AL, March 8 - 10  
 Dallas, TX, April 26 - 28  
 Las Vegas, NV, August 2 - 4

## SPECIAL AFTERNOON COURSE CITIES

Breast Sonography presented only in:

Parsippany, NJ, June 7 - 9  
 Orlando, FL, July 12 - 14  
 Las Vegas, NV, August 2 - 4  
 Houston, TX, September 20 - 22

# COURSES & FACULTY

## ULTRASOUND PHYSICS - SPI

Focused, efficient, productive and fun - the essence of board preparation. Dr. Edelman's course is the nation's largest and most successful ultrasound physics registry review. The course allows you to understand the concepts, gain command of the material, and earn a passing grade. This course is especially designed for ultrasound professionals with little or no formal physics background.



### SIDNEY K. EDELMAN, PhD.

Dr. Sid Edelman is considerably the premier physics instructor for all Ultrasound board reviews. Just ask your colleagues! Feedback from his students provide continuing quality improvement to his courses. His focused, efficient, and down-to-earth style produces passing scores for attendees of this course.

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## ABDOMINAL SONOGRAPHY

Comprehensive and effective registry preparation is the focus of the ESP Abdominal Sonography course. Over 800 ultrasound images of normal anatomy and pathology are reviewed in this twelve-hour program. This program is perfect for those committed to achieving ARDMS certification. Steve provides an amazing attention to detail, providing you with a competitive edge in earning a RDMS credentials in Abdominal Sonography.



### STEVE BERNHARDT, RDMS, RVT, RPhS

Steve has been a Medical Sonographer since 1982. He is a graduate of the University of Oklahoma Ultrasound Program, registered in abdominal, obstetrical, vascular and phlebology ultrasound. Steve has instructed the ESP Abdominal Sonography course since 1993. Presently practicing sonography in Oklahoma City, OK.

“

Dr. Edelman is an awesome teacher. His way of describing the material is awesome.

Lorin Gingrich, RDMS

# COURSES & FACULTY

## ADULT ECHOCARDIOGRAPHY

Registered echocardiographers agree that the most efficient solution to earning the RDMS or RCS credential lies in ESP's adult echo program. You will enjoy the stimulating, interactive style where David and Alicia precisely present the material in the ARDMS and CCI guidelines. Our students are well prepared for the challenging exam format and testing patterns found within the certification exams. Students preparing for CCI's noninvasive Echo Exam should register for both the morning Physics and afternoon Echo courses. These integrated lectures cover the entire CCI test outline.



### DAVID B. ADAMS, RCS, RDMS, ACS, FASE

David Adams is a renowned innovator in echocardiography practice, research and education. He is the recipient of the first ASE Sonographer Lifetime Achievement Award and the past recipient of the ASE's Distinguish Sonographer Teaching Award.



### ALICIA ARMOUR, MA, RDMS, FASE

Alicia Armour is a senior cardiac sonographer in the Duke University Adult Echo Lab. She has extensive educational and clinical experience in adult echo. She is the perfect person to answer all your questions.

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## BREAST SONOGRAPHY

This program is specifically designed for sonographers and mammographers seeking a comprehensive and efficient RDMS or ARRT registry preparation. Within this well-organized and optimized twelve-hour program, information is provided in away for you to understand concepts and pass your certification exams.



### JOYCE GRUBE, MS, RDMS

Joyce Grube approaches with four outstanding assets: her total command of this subject, her formal education, many years as an instructor, and her extensive clinical experience in both ultrasound and mammography. She holds ARDMS registrations in breast, abdominal and ob/gyn sonography. Joyce's seminar students enjoy great success in achieving their professional goals.

Breast Sonography presented only in Parsippany, June 7 - 9, Orlando, July 12 - 14, Las Vegas, August 2 - 4, Houston, September 20 - 22.

# COURSES & FACULTY

## FETAL ECHOCARDIOGRAPHY

ESP's Fetal Echocardiography program is aimed at cardiac and obstetric sonographers seeking registry preparation and/or continuing medical education. Julia Drose is a distinguished sonographer and educator with superb instructive skills and extensive clinical experience. She is a luminary in Fetal Echocardiography. Her comprehensive course outline will complement the numerous video loops and still images of normal and abnormal fetal cardiac anatomy. She holds registries in fetal echo, adult echo, ob/gyn, abdominal and vascular technology. She is a recipient of the American Institute of Ultrasound in Medicine (AIUM)'s Distinguished Sonographer Award. Julia is the editor of the widely respected textbook Fetal Echocardiography.



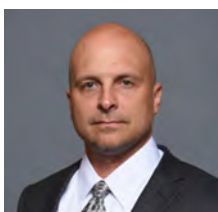
### **JULIA DROSE, BA, RDMS, RDCS, RVT, FAIUM, FSDMS**

Julia's seminar students will enjoy great success in expanding their clinical knowledge and achieving their professional goals. Fetal Echo X-Zone not available.

Fetal Echocardiography presented only in Dallas, April 26 - 28, Orlando, July 12 - 14, Las Vegas, August 2 - 4, Houston, September 20 - 22, Washington DC, Oct. 11 - 13.

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## MUSCULOSKELETAL SONOGRAPHY



### **BRIAN TOLLEFSON, MD, RMSK, RDMS, FACEP, CAQ SPORTS MEDICINE**

Dr. Tollefson lectures regularly on both musculoskeletal ultrasound and emergency ultrasound. His relaxed educational style is highly regarded and provides a comfortable classroom environment. Dr. Tollefson has a unique practice at the University of Mississippi Medical Center. He is the Director of Emergency Ultrasound

Education for the Emergency Medicine residency program. He is also the Program Director for the Primary Care Sports Medicine Fellowship. In his sports medicine clinic, Dr. Tollefson uses ultrasound extensively for diagnosing and treating musculoskeletal injuries in athletes of all ages. Dr. Tollefson holds RMSK and RDMS (abdomen) credentials. With his clinical skill, broad experience, and great educational skills, Dr. Tollefson is exceptionally qualified to teach ESP's MSK review course. MSK X-Zone not available.

Musculoskeletal Sonography presented only in Birmingham, March 8 - 10, Dallas, April 26 - 28, Las Vegas, August 2 - 4.

# COURSES & FACULTY

## OBSTETRICS & GYNECOLOGY SONOGRAPHY

ESP's Ob/Gyn course is the ideal review for practicing professionals as well as students with a reasonable level of clinical experience. You receive a comprehensive course outline containing both fundamentals and recent advances. Extensive image review will sharpen your diagnostic skills. Physicians seeking an overview of Ob/Gyn sonography will find this course effective. Students report that they are exquisitely prepared for their ARDMS registry exam!



### CYNDI PETERSON, MPH, RDMS, RVT

Cyndi Peterson holds ARDMS registries in ob/gyn, abdominal, breast, pediatric sonography and vascular technology. Her students find her extremely knowledgeable and able to relate information in a manner that greatly assists in their registry preparation.

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## PEDIATRIC ECHOCARDIOGRAPHY AND CONGENITAL CARDIAC SONOGRAPHY

Rob McDonald's course prepares the experienced echocardiographer to earn RDCS credentials in Pediatric Echocardiography from ARDMS and the Registered Congenital Cardiac Sonography (RCCS) credential from CCI. This course also meets the needs of physicians seeking a thorough review of this area.



### ROBERT W. MCDONALD, RDMS, RCS, RCCS, ACS, FASE

You and Rob will jointly review the complexities of noninvasive diagnosis of congenital heart disease using clinical material from Rob's extensive library. His interactive, insightful educational style has been developed over many years of working closely with his own pediatric echocardiographers at OHSU. This course

is also an excellent educational opportunity for the adult echocardiographer and cardiologist interested in patients with congenital heart disease. Rob is registered in pediatric, adult and fetal echocardiography as well as congenital cardiac sonography. His extensive experience and outstanding clinical material makes him superbly qualified to lead our Pediatric Echo program. Pediatric Echo X-zone not available.

Pediatric Echocardiography presented only in Birmingham, March 8 - 10, Las Vegas August 2 - 4, Washington, October 11 - 13.



# COURSES & FACULTY

## PEDIATRIC SONOGRAPHY

ESP's Pediatric Sonography review is aimed at the sonographer seeking registry preparation and/or continuing medical education. You will receive an inclusive course outline containing a review of that material identified on the ARDMS exam content outline. Reports from last year's students document that Lisa hit the target with regard to the ARDMS pediatric sonography registry exam. Highly suggested to be registered in Abdominal Sonography.



### LISA SCHULER, BS, RDMS, RVT

Lisa Schuler is a Professor and Clinical Instructor for the CAAHEP accredited Diagnostic Medical Sonography Program at Delgado Community College in New Orleans. She holds ARDMS registrations in pediatric sonography, abdomen, ob/gyn, and vascular technology. Lisa's educational style, refined over many years, is remarkable and best described as accurate, precise, relaxed and informal. Pediatric Sonography X-Zone not available.

Pediatric Sonography presented only in Pittsburgh, April 5 - 7, Dallas, April 26 - 28, Orlando, July 12 - 14, Las Vegas, August 2 - 4.

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## VASCULAR TECHNOLOGY

ESP's Vascular program is recognized as the largest, most effective and efficient method for technologists and physicians preparing for RVT and RVS credentials.



### WILLIAM B. SCHROEDTER, BS, RVT, RPhS, FSVU

Bill Schroedter is a distinguished educator at the international and national level. He is recognized as an authority in all aspects of vascular testing in both clinical practice and education. Bill spent 7 years on the Society of Vascular Ultrasound Board of Directors and as SVU Vice President. He was honored as a Fellow of SVU in 1998.



### JEAN M. WHITE-MELENDEZ, RVT, RPhS, FSVU

Jean is the program director at ESP Ultrasound. She is responsible for managing all aspects of its educational courses. Jean is nationally recognized as a premier expert in venous disease and vascular testing. She has served as an application reviewer and site visitor for the Intersocietal Accreditation Commission (IAC). Jean has served on the Board of Directors of multiple vascular societies and foundations. She was honored as a Fellow of SVU in 2014.

# PHYSICS ONLY WEEKEND

## COURSE DETAILS

Los Angeles, California	
April 13 - 14	
<b>HOTEL &amp; SEMINAR LOCATION</b> Crowne Plaza LA Airport 5985 W. Century Blvd Los Angeles, CA 90045 310-642-7500	
<b>HOURS</b> Saturday 8 AM - 5 PM Sunday 7:30 AM - 1 PM	

Los Angeles, California	
October 19 - 20	
<b>HOTEL &amp; SEMINAR LOCATION</b> Crowne Plaza LA Airport 5985 W. Century Blvd Los Angeles, CA 90045 310-642-7500	
<b>HOURS</b> Saturday 8 AM - 5 PM Sunday 7:30 AM - 1 PM	

## TUITION

Afternoon Courses	Sonographer	Physician
Ultrasound Physics - SPI	\$325	\$425

Registration tuition includes course materials, continental breakfasts and beverage breaks.

To enroll in this Physics Weekend, register on-line at [www.esp-inc.com](http://www.esp-inc.com) or use the registration form on page 20. Please refer to General Information, page 22, for further details.

## FACULTY



**SIDNEY K. EDELMAN, PH.D.**

## COURSE DESCRIPTION - SPI PHYSICS

Focused, efficient and productive - the essence of board preparation. Dr. Edelman's course is the nation's largest and most successful ultrasound physics registry review. Dr. Edelman has updated his physics class to include the new semi-interactive console questions found on the ARDMS SPI exam. His innovative teaching techniques, developed over twenty years, explain physics in simple, everyday terms. The course allows you to understand the concepts, gain command of the material, and earn a passing grade. This course is especially designed for ultrasound professionals with little or no physics background. Within this well-organized and optimized twelve-hour program, information is provided in a way for you to understand concepts and pass your certification exams.

Dr. Edelman's physics class meets the prerequisites to take the ARDMS SPI Physics exam.

# PHYSICS ONLY WEEKEND ENROLLMENT FORM

Late and on-site registrations subject to a \$50 late fee.

Name \_\_\_\_\_  Mr.  Ms.  Miss  Mrs.  Dr.

Credentials:  RDMS  RDCS  RVT  RVS  RCS  RT  RN  PA  MD  DO  DC

Birthday \_\_\_\_\_ ARDMS# \_\_\_\_\_ CCI# \_\_\_\_\_ SDMS# \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip code \_\_\_\_\_

Phone \_\_\_\_\_ Email \_\_\_\_\_

## SELECT SEMINAR LOCATION

### LOCATIONS

- Los Angeles, CA
- Los Angeles, CA

### DATE

- April 13 - 14
- October 19 - 20

## TUITION

Afternoon Courses	Sonographer	Physician
Ultrasound Physics - SPI	\$325	\$425

Registration tuition includes course materials, continental breakfasts and beverage breaks.

Payment Method

Check/Money order (enclosed) or charge my:  MasterCard  Visa  Discover

Card No. \_\_\_\_\_ Exp Date \_\_\_\_\_

Signature \_\_\_\_\_ 3-Digit Code \_\_\_\_\_

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1) ONLINE - [www.esp-inc.com](http://www.esp-inc.com)

2) EMAIL ATTACHMENT - [info@esp-inc.com](mailto:info@esp-inc.com)

3) FAX: (281) 292-9430

4) MAIL - ESP Ultrasound · PO Box 7439 · Woodlands, Texas 77387-7439

Personal checks payable to ESP Ultrasound must arrive 4 weeks prior to seminar.

# CONTINUING MEDICAL EDUCATION CREDITS

## SDMS CME CREDITS

ULTRASOUND PHYSICS  
ABDOMINAL  
ADULT ECHO  
BREAST  
FETAL ECHO  
MUSCULOSKELETAL  
OB/GYN  
PEDIATRIC ECHO  
PEDIATRIC SONOGRAPHY  
VASCULAR TECHNOLOGY

Each course has been awarded a maximum of 12 SDMS CME credits on an hour-for-hour basis. These hours are accepted by ARDMS, CCI and the ARRT as Category A credit. Those attending both morning and afternoon courses earn up to 24 hours of credit.

All ESP courses are also approved by the State of Florida, Office of Radiation Control for CME credit. Each course also meets the criteria for contact hours of Type II CME credit for Texas registered nurses.

## FOR PHYSICIANS - AMA PRA CATEGORY 1 CREDIT(S)<sup>™</sup>

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of Penn State College of Medicine and ESP Ultrasound, Penn State College of Medicine is accredited by the ACCME to provide continuing medical education for physicians.



**PennState**  
College of Medicine

Penn State College of Medicine designates these live activities for *AMA PRA Category 1 Credit(s)<sup>™</sup>*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

- Physics and Specialty Weekend - approved for a maximum of 24 *AMA PRA Category 1 Credit(s)<sup>™</sup>*
- Physics Weekend - approved for a maximum of 12 *AMA PRA Category 1 Credit(s)<sup>™</sup>*

It is our policy to ensure balance, independence, objectivity, and scientific rigor in all of our educational programs. Faculty and course directors have disclosed relevant financial relationships with commercial companies, and Penn State has a process in place to resolve any conflict of interest. Complete faculty disclosure will be provided to program participants at the beginning of the activity.

The information presented at this CME program represents the views and opinions of the individual presenters, and doesn't constitute the opinion or endorsement of, or promotion by, Penn State College of Medicine. Each participant must use his/her personal and professional judgment when considering further application of this information.

All participants may earn *AMA PRA Category 1 Credit(s)<sup>™</sup>*.

# GENERAL INFORMATION

## HOW TO REGISTER

Guarantee your enrollment instantly by registering on our website [www.esp-inc.com](http://www.esp-inc.com).

You may also e-mail, fax or mail your completed registration form and payment to:  
PO Box 7439  
Woodlands, TX 77387-7439  
[info@esp-inc.com](mailto:info@esp-inc.com)

## WHEN TO REGISTER

Maximum attendance limits have been established. Register early, enrollments are processed on a first-come, first-served basis. Some 2018 seminars sold out, and unfortunately, we couldn't accept latecomers!

On-site and late registrations subject to a \$50 late fee.

## ATTENDING MORE THAN ONE SEMINAR IN 2019?

When you attend seminars in two different cities in 2019, you may deduct \$50 from the tuition of the second seminar. The tuition of each seminar must exceed \$200. You must register for the 2nd seminar via email, mail or fax. To apply discount online contact office prior to registering.

## CANCELLATION POLICY

Refunds are available, less a \$50 administrative fee, for written cancellation received at our office three weeks prior to the original seminar selected. Refunds less than three weeks before the start of the original seminar selected are subject to a \$100 cancellation fee.

No refunds are available for non-attendance or for cancellation received in our office less than ten days before the start of the original seminar selected.

Attendees may transfer tuitions to another program within the calendar year without a cancellation fee.

## COURSE MATERIALS

A bound volume of extensive seminar notes will be distributed at the seminar. These books are protected by copyright. No part may be reproduced in any manner or by any means without permission in writing from ESP Ultrasound. Any unauthorized reproduction, copying or public presentation of this material will constitute an infringement of copyright.

## AUDIO AND VIDEO RECORDING

You may audio record our seminars. We expect that these recordings are limited to your personal use and are erased after passing your exam. You must refrain from using electric outlets that are located in the meeting rooms.

Video recording and/or photography during our seminars is forbidden. Anyone found in violation of this policy will be removed from class for the remainder of the seminar and the recording device will be confiscated.

# FAQS

## HOW WILL I GET MY ENROLLMENT CONFIRMATION?

Upon receipt of your registration, confirmation, invoice, and detailed information regarding our program will be sent via e-mail.

## WHAT'S INCLUDED WITH THE TUITION?

Registration includes comprehensive course materials, morning light continental breakfasts and afternoon beverage breaks.

## WHEN WILL I GET MY COURSE MATERIAL FOR THE SEMINAR?

Course outlines will be distributed at the seminar during registration.

## WHEN WILL I HAVE ACCESS TO THE X-ZONE?

This is our #1 priority and access will be granted within one week after the completion of the seminar!

“

The instructor was very well knowledgeable on every topic in the book and incorporated great examples for a better understanding.

Anastasia Zotos, RDCS

”

I cannot express my gratitude enough to Sidney Edelman and his team for the numerous board I have passed the first time. I would not be where I am today without these courses.

Megan Raynes RDMS (ABD, OBGYN) RDCS, RVT, RT(R)

# EDUCATIONAL PRODUCTS

## UNDERSTANDING ULTRASOUND PHYSICS, 4TH EDITION

The most respected and critically acclaimed ultrasound physics textbook!

The thoroughly revised fourth edition of Dr. Edelman's text reflects recent changes in registry exam content and technology in the field. Highlights include 424 full color pages containing over 350 illustrations & images and an additional 215 pages of review questions with answers.

Includes FREE ACCESS to one full length, computer-based practice exam on ESP's innovative website, the X-Zone.

Product Code: UUP4, \$119

## ULTRASOUND PHYSICS QUIZ CARDS & AUDIO

Each quiz card contains an important question and a detailed answer that stresses conceptual learning. Exam-specific information is found within the Quiz Cards.

Product Code: PQZ, \$64

## ABDOMINAL SONOGRAPHY QUIZ CARDS 2019 EDITION

The Abdominal Sonography Quiz Cards provide you with a superb self-assessment opportunity. Prior to the ARDMS exam, evaluate your command of the material required to meet the challenge. The Quiz Cards will focus your efforts and serve as a perfect supplement to achieve RDMS certification.

Product Code: ABD, \$59

## ADULT ECHO QUIZ CARDS 2019 EDITION

The Adult Echo Quiz Cards survey the material essential for success on the Echo exam. The Quiz Cards provide an organized method to assess your strengths and to identify areas requiring additional study for RDCS and RCS credentials.

Product Code: AE, \$59

## ADULT ECHO VIDEO - "TEST & LEARN" CASE STUDIES

Normal Anatomy & Common Pathologies

ESP Ultrasound's newest echo creation. Video loops are presented in two forms, Test Yourself and Learn. Test Yourself presents each video loop as seen in the clinical setting, without annotation or comment. Learn presents the same video with audio and visual interpretation. It is the perfect companion to our Adult Echo registry reviews. Exchanges only, no refunds.

Product Code: AE - TL1, \$159

Special for 2018 & 2019 Adult Echo seminar attendees: \$89

## BREAST SONOGRAPHY QUIZ CARDS

These Breast Sonography Cards are the perfect self-assessment tool for those seeking credentials. Review the extensive range of required information and identify your areas of strength and weakness. The cards stress conceptual knowledge, providing an organized and systematic assessment of your proficiency.

Product code: BRS, \$59

# EDUCATIONAL PRODUCTS

## FETAL ECHOCARDIOGRAPHY QUIZ CARDS **2019 EDITION**

The Fetal Echocardiography Quiz Cards provide a comprehensive review of material required to pass the credentialing examination. This tool allows you to assess your proficiency in fetal cardiac anatomy, pathology and technical parameters associated with performance of a fetal echocardiogram.

Product Code: FE, \$59

## OBSTETRICS & GYNECOLOGY QUIZ CARDS **2019 EDITION**

These Ob/Gyn Quiz Cards review the material required to score a high grade on this RDMS exam. In a question and answer format, the cards survey the essential material and allow you to evaluate your command of the clinical information found on the test.

Product Code: OBG, \$59

## PEDIATRIC ECHO & CONGENITAL CARDIAC SONOGRAPHY QUIZ CARDS **2019 EDITION**

The Pediatric Echo and Congenital Cardiac Sonography Quiz Cards provides a comprehensive review of congenital and acquired pediatric heart disease terminology, anatomy and self-assessment to help supplement learning in achieving the RDCS and RCCS certification.

Product Code: PE, \$59

## REGISTERED PHYSICIAN VASCULAR INTERPRETATION - RPVI RPVI Bundle

Includes all of the materials associated with our 2016 RPVI review seminars. You will receive: comprehensive course outline, CD containing numerous case studies, and six weeks of unlimited access to ESP's practice question website, the X-Zone. Now, you can efficiently and successfully earn the RPVI credential.

You may also attend Physics and Vascular Technology courses at one of our Physics & Specialty Weekends and obtain this RPVI material with a small fee. Contact our office for details.

Product Code: PVI, \$195

## VASCULAR TECHNOLOGY QUIZ CARDS **2019 EDITION**

The Vascular Technology Quiz Cards provide a comprehensive review of the material required to earn RVT or RVS credentials. Each card reviews an important concept. This essential tool allows you to assess your proficiency and readiness to challenge the vascular specialty exam.

Product Code: VT, \$59

## THE X-ZONE - ONLINE PRACTICE QUESTIONS

Assess your knowledge with our online test questions. Visit our website for duration and pricing information. Subjects available: Physics, Abdominal, Adult Echocardiography, Breast, Ob/Gyn, Vascular Technology and Phlebology.

Prices and availability subject to change.



# EDUCATIONAL PRODUCTS



ESP EDUCATION FOR THE  
SONOGRAPHIC PROFESSIONAL  
ULTRASOUND™

## X-ZONE

### ESP ULTRASOUND'S X-ZONE

ESP Ultrasound's X-Zone is the #1 destination site for high quality and affordable practice questions and answers for the Ultrasound registry exams. Individuals with an internet connection can take advantage of our X-Zone. You may access the system from any computer, anywhere, and at any time.

Assess your technical proficiency and skill levels. In addition, obtain answers to your pressing certification-related questions.

Seminar students in Physics, Abdominal, Adult Echo, Ob/Gyn, Vascular, and Breast Sonography will have free six week unlimited access to the X-Zone, in the class that they attend. Others may purchase access on our website at [www.esp-inc.com](http://www.esp-inc.com).

Try before you buy! Log on to preview free practice questions.

Visit us at [www.esp-inc.com](http://www.esp-inc.com) and click on the X-Zone tab.

### CHALLENGING CCI'S NON-INVASIVE ECHO OR NON-INVASIVE VASCULAR EXAM?

CCI combines both clinical material and physics material in each of these exams. Therefore, ESP's Physics & Specialty Weekends are ideal preparation for sonographers seeking CCI's RCS or RVS credentials. Enroll in both the morning Physics and an afternoon Specialty class for optimal non-invasive echo or vascular exam coverage.

“

I passed the Abdomen/SPI boards! I want to take this time to thank you for the review classes, without them I could not have passed. Thanks so much!

Nancy Zietlow, RDCS, RVT, RDMS

# EDUCATIONAL PRODUCTS ORDER FORM

For speedy processing, order on-line at [www.esp-inc.com](http://www.esp-inc.com)

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Subtotal \_\_\_\_\_

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(Texas residents only)

TOTAL \_\_\_\_\_

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