

The logo for Ultrasound Solutions Corp. (USC) features the letters "USC" in a large, bold, black font. To the right of "USC" are four vertical bars of varying heights, with the word "ULTRASOUND" in a smaller, black, sans-serif font positioned between the bars.

1/11/2020 -
1/12/2020

**ULTRASOUND SOLUTIONS is pleased to present
Dr. TRACI B. FOX, "The Physics Whisperer", prominent
Instructor of Sonographic Physics and all things Ultrasound,
for 1½ dynamic days of Physics and beyond!**

*A local CME Event...no airports, no hotel costs,
no travel expenses!*

Topic: Physics Refresher & Ultrasound Medley (Approved for up to a maximum of 13 SDMS CME credits)

Description:

*This 1½ day event will provide participants with a greater understanding of multiple topics in the field of Ultrasound, including Physics of Sonography, Breast Imaging, Liver Elastography, Multiple Gestations, Perinatal Sonography, and Vascular Imaging. Participants can choose to attend **either one of the days or both days.***

Course Objectives:

Upon completion of this educational activity, the participant will be able to:

- Describe the physical principles pertinent to the creation and propagation of sound through soft tissue*
- Discuss the components and functions of transducers and the ultrasound machine*
- Describe how to manipulate the ultrasound equipment to optimize the image*
- Discuss bioeffects, quality assurance, and practicing the ALARA principle*
- Compare mammographic and sonographic lesions for benign vs malignant features*
- Describe liver elastography and its purpose*
- Recognize different types of zygosity, chorionicity, and amnionicity by ultrasound in the first, second and third trimesters*
- Evaluate the gestation for the sonographic features of conditions that affect both mother and fetus*
- Identify the ultrasound appearance of certain vascular disease processes*

When & Where:

Saturday: January 11, 2020

7:30 - 8:00 AM - **Sign-in; Meet & Greet**

8:00 AM - 5:15 PM Presentation - **Physics Refresher**

Sunday: January 12, 2020

7:30 - 8:00 AM - **Sign-in; Meet & Greet**

8:00 AM - 1:00 PM Presentation - **Ultrasound Medley**

This event will be held at Ultrasound Solution Corp.'s new state-of-the-art facility in Ronkonkoma, NY. We are conveniently located off either the Long Island Expressway or Sunrise Highway at:

123 Comac Street

Ronkonkoma, NY 11779

800-773-4582

(White building at the northwest corner of Comac Street and 9th Avenue. The building entrance faces 9th Avenue. Additional parking is available in the rear of the building.)

USC ULTRASOUND

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Physics Refresher & Ultrasound Medley 1/11/2020 - 1/12/2020

About Our Speaker:



Dr. Traci Fox is an Associate Professor in the Department of Radiologic Sciences at Thomas Jefferson University (TJU) in Philadelphia, Pennsylvania and a Research Assistant Professor in Radiology at the Sidney Kimmel Medical Center at TJU. Dr. Fox has been a sonographer since graduating from Jefferson with her Bachelor of Science degree in Diagnostic Imaging in 1993. She then earned her Master's Degree in Radiologic and Imaging Sciences at TJU, followed by her Doctoral Degree (EdD) in Educational Leadership and Management at Drexel University.

Dr. Fox is involved in the academic aspects of sonography education, as well as, ultrasound research. She has assisted with research on the diagnosis and treatment of breast, kidney, and pancreatic cancer; wound healing; and non-invasive pressure measurement with ultrasound using subharmonics.

Dr. Fox is an accomplished author, having published as first author in four peer-reviewed publications and co-author in many others. Traci is also the co-author of two textbooks: **Examination Review for Ultrasound: Sonographic Principles & Instrumentation** and **Vascular Technology Examination: PREP**. In addition, Traci is the author of **ScoreCards for OB/GYN**. She is also a contributing author on several textbooks.

Traci has presented at numerous local, national, and international conferences, including spending two weeks lecturing in Chengdu, China as part of the University Immersion Program at Sichuan University. Traci is now an adjunct for Sichuan University, teaching Physics in the first Sonographer program in China. In November 2017, Traci was also fortunate enough to be part of an advanced OB/GYN educational conference in Dubai, UAE.



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AGENDA:

Saturday, January 11, 2020 - Physics Refresher

7:30 – 8:00 AM	Sign-In; Meet & Greet
8:00 – 8:05 AM	Welcome
8:05 – 10:00 AM	Math and Metrics, Properties of Sound, Pulsed and Continuous Wave Sound
10:00 – 10:05 AM	Break
10:05 – 12:00	Beams, Image Shape and Transducers; Resolution, Attenuation, Interface and Scatter
12:00 PM	Lunch Break
12:30 – 2:00 PM	Reflection/Refraction, Imaging Instruments
2:00 – 2:05 PM	Break
2:05 – 5:00 PM	Doppler/Hemodynamics, Artifacts, Bioeffects, and Quality Assurance
5:00 – 5:15 PM	Questions and Answers

Sunday, January 12, 2020 - Ultrasound Medley

7:30 – 8:00 AM	Sign-In; Meet & Greet
8:00 – 9:00 AM	Mammo for the Breast Sonographer
9:00 – 10:00 AM	Advances in Liver Elastography and Contrast
10:00 – 10:15 AM	Break
10:15 – 10:45 AM	Double Trouble: Understanding Chronicity and Amnionicity of Multiple Gestations
10:45 – 11:45 AM	Perinatal US for the Non-Perinatal Sonographer
11:45 – 12:45	Hot Topics in Vascular Ultrasound

**This activity has been approved for up to 13 SDMS CME credits.
The CME participant roster will be reported by Ultrasound Solutions Corp. to the
SDMS CME Tracker System.**

This activity is tracked by





CME REGISTRATION INFORMATION

PRE-REGISTRATION is required for ALL courses.
Deadline to register for our Physics Refresher & Ultrasound Medley:
**All Registration Forms and Payment must be received by
Friday, January 3, 2020.**

Name: _____

Please select: Sonographer Student

SONOGRAPHERS - Facility/Organization: _____

STUDENTS - School Name: _____ Grad Date: _____

Specialty: _____

ARDMS # (if applicable): _____

SDMS # (if applicable): _____

CCI # (if applicable): _____

Address: _____

City: _____ State: _____ ZIP: _____

Date of birth (*required*): _____

Best phone # to contact you at (*required*): _____

Email Address (*required*): _____

Registration Options – Please check only one box:

Option A – Saturday & Sunday (Both - Physics Refresher & Ultrasound Medley) [13 CMEs]

Sonographer tuition: \$ 200 Student tuition: \$ 135

Option B – Saturday ONLY (Physics Refresher ONLY) [8.5 CMEs]

Sonographer tuition: \$ 150 Student tuition: \$ 100

Option C – Sunday ONLY (Ultrasound Medley ONLY) [4.5 CMEs]

Sonographer tuition: \$ 75 Student tuition: \$ 50

Payment can be made by **check** or **credit card**:

- Please make checks payable to: **Ultrasound Solutions Corp.**

- Credit Card (check one): ___ Discover ___ Visa ___ Mastercard ___ AMEX

Name as it appears on credit card _____

Billing address for credit card _____

Credit card account number _____

Expiration Date _____

Security code on back of credit card _____

Cardholder's Signature _____



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REFUND POLICY:

If USC cancels event:

Attendee may choose 1 of the following options:

1. Full refund - Refunds will be processed in the same manner as the registration payment was made.
2. OR - We will apply your payment to any future USC event of your choice, including possible rescheduling of this event.

If Attendee cancels:

1. If an Attendee cancels **4 days or more prior to the event**, then a refund will be issued, less a 10% processing fee.
2. If an Attendee cancels **3 days or less prior to the event**, then a refund will be issued, less a 50% processing fee.

_____ **I have read and understand the USC Refund Policy. (Please initial on the line)**



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Space is very limited! Enroll now!

All **Registration Forms and Payment** must be received by
Friday, January 3, 2020.

Registration can be done by:

Mail: 123 Comac Street, Ronkonkoma, NY 11779

Email: rcann@uscultrasound.com

Phone: 800 - 773 - 4582

If you have any questions, please contact:

Rosemarie Cann, BS, RDMS, RDCS

CME Coordinator

800 - 773 - 4582

rcann@uscultrasound.com

Keep checking our website www.uscultrasound.com for the schedule of upcoming course offerings.

Everything Ultrasound!



More Ultrasound. More Solutions.

Focused On Meeting Your CME Needs Locally.