

# MSDU

MIDWEST SOCIETY OF  
DIAGNOSTIC ULTRASOUND



PROUDLY PRESENTS THE  
38th ANNUAL SPRING SEMINAR

Offering Continuing Medical Education Credits In  
**General • Cardiac • Vascular • OB/GYN**

Saturday and Sunday  
April 21st & 22nd, 2018

Minneapolis Marriott Northwest  
7025 Northland Drive North  
Brooklyn Park, Mn 55428  
(763-536-8300)

# GENERAL ULTRASOUND PROGRAM

## Northland Ballroom East

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### SATURDAY, APRIL 21st, 2018

- 7:00-7:50 **Registration and Continental Breakfast** – Northland Ballroom Foyer
- 7:50-8:00 President's Welcome Address – Sandy Mozey, MSDU President
- 8:00-8:50 Professional Updates – Jeff Gunderson, RDMS and Laura Johnson, RDMS
- 8:50-9:40 Ultrasound of the Neonatal Brain – Traci Fox, EdD, RDMS, RVT
- 9:40-10:10 **Break** – Vendor Exhibits – Northland Ballroom
- 10:10-11:00 Ultrasound Evaluation of the TIPS – Mani Montazemi, RDMS
- 11:00-11:50 Pearls for Improving Image Quality – Mani Montazemi, RDMS
- 12:00-1:00 **Lunch** – Fireside Room/Great Room
- 1:00-1:50 Musculoskeletal Ultrasound Evaluation of the Achilles Tendon and Related Disorders  
Douglas Hoffman, MD
- 1:50-2:40 Advances in Liver Imaging and Diagnostics – Traci Fox, EdD, RDMS, RVT
- 2:40-3:10 **Break** – Vendor Exhibits – Northland Ballroom
- 3:10-4:00 Acute Scrotal Pain – Mani Montazemi, RDMS
- 4:00-4:50 Renal Transplants – Mani Montazemi, RDMS
- 5:00-6:30 **Wine and Cheese Reception** – Northland Ballroom
- 6:00-10:00 **Meet and Greet with music by JERRY-OKE ( DJ and Karaoke)**

### SUNDAY, APRIL 22nd, 2018 – COMBINED SESSIONS IN NORTHLAND BALLROOM EAST

- 7:00-7:50 **Coffee and Breakfast Bars** – Northland Foyer
- 7:50-8:00 Opening Remarks – Sandy Mozey, MSDU President
- 8:00-8:55 It's More than just a Look: What Nonverbal Communication can Unintentionally be Conveyed to Patients – Barb Titus, MA, LADC, CSAC
- 8:55-9:50 Mentorship: A Win -Win  
Richard Palma, BS, ACS, RDCS, RCS, FSDMS, FASE and Daniel Bourque, MS, RCS, FASE
- 9:50-10:10 **Break – Northland Foyer**
- 10:10-11:05 Diagnostic Ultrasound in Companion Animal Practice – Daniel A. Feeney, DVM, MS
- 11:05-11:55 Dealing with Difficult People – Karen Helfinstine, MA.Ed, ACS, RDCS, RCS, FASE
- 11:55-12:00 **CLOSING REMARKS:** Sandy Mozey



(Speakers, Lecture Topics and Room Locations are subject to change)

# CARDIAC ULTRASOUND PROGRAM

Elm Creek Amphitheatre

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## SATURDAY, APRIL 21st, 2018

- 7:00-7:50      **Registration and Continental Breakfast** – Northland Ballroom Foyer
- 7:50-8:00      Welcome Address – Sally Miller, Cardiac Chair
- 8:00-8:50      Diastolic Dysfunction: How to Apply Old Parameters in a New Guideline World – Retu Saxena, MD
- 8:50-9:40      Heart Failure Assessment and Hemodynamics – Daniel Bourque, MS, RCS, FASE
- 9:40-10:10     **Break** – Vendor Exhibits – Northland Ballroom
- 10:10-11:00    Arrhythmias and EKG: What the Cardiac Sonographer Needs to Know  
Richard Palma, BS, ACS, RDCS, RCS, FSDMS, FASE
- 11:00-11:50    Theca Cordis: The Pericardium and Disease – Retu Saxena, MD
- 12:00-1:00     **Lunch** – Fireside Room/Great Room
- 1:00-1:50      Congenital Coronary Artery Anomalies – Frank Cetta, MD
- 1:50-2:40      Updated Valvular Regurgitation Guidelines – Daniel Bourque, MS, RCS, FACE
- 2:40-3:10      **Break** – Vendor Exhibits – Northland Ballroom
- 3:10-4:00      TAVR: What the Sonographer Needs to Know – Heidi Goblirsch, RDCS and Imran Syed, MD
- 4:00-4:50      Interesting Cases from Connecticut – Richard Palma, BS, ACS, RDCS, RCS, FSDMS, FASE
- 5:00-6:30      **Wine and Cheese Reception** – Northland Ballroom
- 6:00-10:00     **Meet and Greet with music by JERRY-OKE ( DJ and Karaoke)**

## SUNDAY, APRIL 22nd, 2018

- 7:30-12:00     **(COMBINED SESSIONS IN NORTHLAND BALLROOM EAST)**  
(See Schedule listed under GENERAL TRACK)

# VASCULAR ULTRASOUND PROGRAM

## Hennepin Salon 3

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### SATURDAY, APRIL 21st, 2018

- 7:00-7:50 **Registration and Continental Breakfast** – Northland Ballroom Foyer
- 7:50-8:00 Welcome Address – Marie Siemonsma, Vascular Chair
- 8:00-8:50 Dialysis Configurations: Pre-op to Post-op – Kelly Byrnes, BS, RVT, FSVU
- 8:50-9:40 Understanding Lab QA – Jennie Durant, BS, RDMS, RDCS, RVT
- 9:40-10:10 **Break** – Vendor Exhibits – Northland Ballroom
- 10:10-11:00 Adult and Pediatric Transcranial Doppler – Traci Fox, EdD, RDMS, RVT
- 11:00-11:50 Venous Insufficiency: an Update – Traci Fox, EdD, RDMS, RVT
- 12:00-1:00 **Lunch** – Fireside Room/Great Room
- 1:00-1:50 Case Studies in Dialysis Access – Kelly Byrnes, BS, RVT, FSVU
- 1:50-2:40 Lower Extremity Physiologic Testing – Jennie Durant, BS, RDMS, RDCS, RVT
- 2:40-3:10 **Break** – Vendor Exhibits – Northland Ballroom
- 3:10-4:00 Vascular Lab Management: What Everyone Needs to Know – Kelly Byrnes, BS, RVT, FSVU
- 4:00-4:50 Renal Transplants – Mani Montazemi, RDMS  
**(Combined lecture with General track in Northland Ballroom)**
- 5:00-6:30 **Wine and Cheese Reception** – Northland Ballroom
- 6:00-10:00 **Meet and Greet with music by JERRY-OKE ( DJ and Karaoke)**

### SUNDAY, APRIL 22nd, 2018

- 7:30-12:00 **(COMBINED SESSIONS IN NORTHLAND BALLROOM EAST)**  
(See Schedule listed under GENERAL TRACK)

# OB/GYN ULTRASOUND PROGRAM

## Hennepin Salon 1

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### SATURDAY, APRIL 21st, 2018

- 7:00-7:50      **Registration and Continental Breakfast** – Northland Ballroom Foyer
- 7:50-8:00      Welcome Address – Stephanie Moore, MSDU – OB/GYN Chair
- 8:00-8:50      Obstetrical Doppler – Mani Montazemi, RDMS
- 8:50-9:40      Heart Anatomy and Anomalies – Wesley Lee, MD
- 9:40-10:10     **Break** – Vendor Exhibits – Northland Ballroom
- 10:10-11:00    OB Ultrasound Pearls – Jane J. Burns, RDMS
- 11:00-11:50    Pearls for Improving Image Quality – Mani Montazemi, RDMS  
**(COMBINED lecture in Northland Ballroom)**
- 12:00-1:00     **Lunch** – Great Room/Fireside Room
- 1:00-1:50      Placental Evaluation for Accreta, Increta and Percreta – Wesley Lee, MD
- 1:50-2:40      Failed First Trimester Pregnancy – Rusty Brown, MD
- 2:40-3:10      **Break** – Vendor Exhibits – Northland Ballroom
- 3:10-4:00      Adnexal/Ovarian Masses: Torsion, PCOS and Pitfalls – Rusty Brown, MD
- 4:00-4:50      Interesting OB Cases – Wesley Lee, MD
- 5:00-6:30      **Wine and Cheese Reception** – Northland Ballroom
- 6:00-10:00     **Meet and Greet with music by JERRY-OKE ( DJ and Karaoke)**

### SUNDAY, APRIL 22nd, 2018

- 7:30-12:00     **(COMBINED SESSIONS IN NORTHLAND BALLROOM EAST)**  
(See Schedule listed under GENERAL TRACK)

## NEW THIS YEAR

WHEN: SATURDAY April 21st at 4:00-4:50 pm  
WHERE: Hennepin Salon 3

### STUDENT QUIZ BOWL:

Come test your Knowledge and  
Expand your Horizons

HOPE TO SEE YOU THERE!!!

## SOCIAL

### Wine & Cheese Reception

Saturday April 21st, 2018 from 5:00 - 10:00 pm

Time to renew old acquaintances and make new ultrasound friends. Wine, beverages and hors d'oeuvres will be served in the Exhibit hall. A cash bar will also be available. Door prizes and Student Poster prizes will be awarded during this event. You must be present to **WIN door prizes**.

Join us for **MUSIC and Dancing with DJ - Jerry-Oke**

## HOTEL ACCOMMODATIONS

Complimentary Wi-Fi included.

The MINNEAPOLIS MARRIOTT NORTHWEST has a block of rooms reserved for participants of the seminar. Rates are \$128.00 single or double occupancy (plus tax). Room reservations will be given on a first-come, first-served basis until the room block is used. To receive the special rate you must make room reservations by March 29, 2018. You may contact the Marriott Inn at the 1-877-303-1681. Be sure to identify yourself as attending the MSDU Spring Seminar.

Book your group rate for MSDU Spring Conference

## GENERAL INFORMATION TUITION

Registration Fees	Early Bird by 2/28/18	Before 3/28/18	After 3/28/18
<b>TWO DAY</b>			
Members	\$250.00	\$300.00	\$400.00
Non-Members	\$350.00	\$400.00	\$500.00
<b>SATURDAY ONLY</b>			
Members Saturday Only	\$230.00	\$280.00	\$340.00
Non-Members Saturday Only	\$300.00	\$350.00	\$450.00
<b>SUNDAY ONLY</b>			
Members Sunday Only	\$180.00	\$240.00	\$280.00
Non-Members Sunday Only	\$230.00	\$300.00	\$370.00
<b>STUDENTS</b>			
Both Days	\$120.00	\$140.00	\$180.00
One Day	\$100.00	\$120.00	\$160.00

12 CREDITS available for Track Lectures

**TOTAL POSSIBLE CREDITS: 12**

### Onsite registration will be cash or check only

Students must be enrolled in a full-time formal education program and a letter from the program director must accompany the registration forms.

**Cancellations/Refunds:** All written cancellations postmarked no later than March 20th, 2018 will receive a refund minus a \$50.00 processing fee.

**No refunds** will be made after March 20th, 2018. Morning Continental Breakfast and afternoon refreshment breaks will be scheduled in the Exhibit Hall each day.

**Lunch is provided on Saturday in the GREAT ROOM/FIRESIDE ROOM.**

## REGISTRATION

### ALL REGISTRATION FORMS AND PAYMENTS MUST BE COMPLETED ONLINE

ANY PROBLEMS WITH THIS PROCESS PLEASE CONTACT:  
Laura Johnson at [laurajohnson@msdu.org](mailto:laurajohnson@msdu.org)

## TUITION / PAYMENT

MSDU Members       Non-Member       Student

Attendee NAME: \_\_\_\_\_

Tuition:	Both Days	\$ _____
	Saturday Only	\$ _____
	Sunday Only	\$ _____
	<b>Total Due</b>	\$ _____

**ALL SYLLABUS MATERIAL WILL BE PROVIDED IN ELECTRONIC FORMAT.**

**TO PAY BY CREDIT CARD PLEASE VISIT THE MSDU WEBSITE**  
<http://www.msdu.org/spring-seminar.htm>

**Tuition Grants are available for both Members and Students; please see the links on the Annual Meeting Page**  
<http://www.msdu.org/spring-seminar.htm>

## MSDU 2018 / 2019 OFFICERS, COORDINATORS AND ADVISORS

### PRESIDENT

Sandy Mozey, RDCS  
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### VICE PRESIDENT/ CME COORDINATOR

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### MEMBERSHIP CHAIR

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### TREASURER

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### MEETING COORDINATORS

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### GENERAL CHAIR

Jeff Gunderson, MS, RT(R), RDMS, RVT  
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### Cardiac Co-Chairs

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Katie Mancl, BS, RDCS, PE  
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### VASCULAR CHAIR

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### COMMITTEE MEMBERS

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## DISCLOSURE POLICY

It is the policy of the MSDU to provide balance, independence, objectivity and scientific rigor in all its sponsored educational activities. All faculty participating in sponsored programs are expected to disclose to the program audience any real or apparent conflict(s) of interest related to the content of their presentation.

## EXHIBITORS

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**Saturday April 21st, 7:00 am to 6:00 pm**

The Exhibit Hall will provide participants the opportunity to view the latest in ultrasound equipment and services. Participants will also meet representatives from exhibiting companies who will demonstrate their products and services. Complete your Visit the Vendors form to be entered into the drawing for Door Prizes.

The MSDU wishes to thank the following corporate sponsors whose financial support and/or exhibits have contributed to the success of this meeting.

**Allina Health**

**Bracco Diagnostics**

**Carestream Health, INC**

**GE Healthcare**

**Lantheus Medical Imaging**

**Nanosonics**

**NXC Imaging/Toshiba**

**OB IMAGES.NET**

**Philips HealthCare**

**St. Cloud Technical and Community College**

**Samsung Medical Imaging**

**Sanford Health**

**Siemens Medical Solutions, Inc**

**Unetixs Vascular**

## ACCREDITATION

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**TWELVE (12) Continuing Education Credits** have been applied for through the Society of Diagnostic Medical Sonographers (SDMS).

## FACULTY LIST

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**Daniel Bourque, MS, RCS, FASE**  
Orlando Regional Medical Center  
Orlando, FL

**Douglas (Rusty) Brown, MD**  
Mayo Clinic  
Rochester, MN

**Jane J. Burns, AS, RDMS**  
Perinatal Sonographer  
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**Frank Cetta, MD**  
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**Daniel A. Feeney, DVM, MS**  
Professor of Veterinary Radiology  
University of Minnesota

**Traci Fox, EdD, RT(R), RDMS, RVT**  
Thomas Jefferson University  
Philadelphia, PA

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Director of Musculoskeletal Ultrasound  
Departments of Radiology and Orthopedics  
Essentia Health  
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**Amanda Hogan, MHA, RDMS, RVT, RT(R)**  
Sonography Program Director  
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Green Bay, WI

**Laura Johnson, RDMS, RVT**  
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**Wesley Lee, MD**  
Division Director  
Women's and Fetal Imaging  
Baylor College of Medicine and  
Texas Children's Hospital  
Houston, TX

**Mani Montazemi, RDMS**  
Director of Ultrasound Education &  
Quality Assurance  
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Texas Children's Hospital/  
Pavilion for Women  
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**Richard Palma, BS, ACS, RDCS, RCS, FSDMS, FASE**  
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School of Cardiac Ultrasound  
St. Francis Hospital and Medical Center  
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**Retu Saxena, MD**  
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Allina Health  
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**Imran Syed, MD**  
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Instructor