

MSDU

MIDWEST SOCIETY OF
DIAGNOSTIC ULTRASOUND



PROUDLY PRESENTS THE
36th ANNUAL SPRING SEMINAR

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

Friday, Saturday and Sunday
April 1st, 2nd & 3rd, 2016

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

GENERAL ULTRASOUND PROGRAM

Northland Ballroom East

FRIDAY, APRIL 1st, 2016

- 6:30-7:30PM **Pre-Registration** – Northland Ballroom Foyer
7:00-9:00PM Hands-On Scan Sessions - Northland Ballroom
7:00-9:00PM **Vascular Hot Topics – Traci Fox, EdD, RT, RDMS, RVT – Hennipen Salon 3 – NEW**

SATURDAY, APRIL 2nd, 2016

- 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 Perinatal Ultrasound for the Non-Perinatal Sonographer – Traci Fox, EdD, RDMS, RVT
8:50-9:45 Abdominal Spaces & What to be Aware of in Each – Anne M. Duffy, RDMS, RVT
9:45-10:15 **Break** – Vendor Exhibits – Northland Ballroom
10:15-11:05 Understanding the Pancreas – Jennie Durant, BS, RDMS
11:05-11:55 Neonatal Brains – Traci Fox, EdD, RDMS, RVT
12:00-1:00 **Lunch** – Fireside Room/Great Room
1:00-1:50 MSK from Elbow to Wrist – Anne M. Duffy, RDMS, RVT
1:50-2:40 Doppler and Hemodynamics – Traci Fox, EdD, RDMS, RVT
2:40-3:10 **Break** – Vendor Exhibits – Northland Ballroom
3:10-4:00 Visualizing the Breast with Ultrasound – Rhonda Salaski, AS, RDMS, RVT
4:00-4:50 Interesting Case Studies – Jennie Durant, BS, RDMS
5:00-6:30 **Wine and Cheese Reception** – Northland Ballroom
6:30-10:00 **Meet and Greet with music by JERRY-OKE (DJ and Karaoke)**

SUNDAY, APRIL 3rd, 2016

- 7:00-7:50 **Coffee and Breakfast Bars – Northland Foyer**
7:50-8:00 Opening Remarks – Sandy Mozey, MSDU - President
8:00-8:55 Ergonomics for the Ultrasound Professional – Candace K. Pella, PT, STAR/T
8:55-9:50 Organ Donation: Saving Lives and Offering Hope and Healing – Ann Gihl, RN, CPTC
9:50-10:10 **Break – Northland Foyer**
10:10-11:05 The Age of Antibiotic Resistance: Preventing Transmission of Multiple Drug Resistant Organisms – Stephanie Swanson, MPH, CIC
11:05-11:55 Volunteering in the Worldwide Community: A Sonographer's Perspective - Jayne Cleve, RDCS; Eileen Nemec, RDCS; Jane J. Burns, RDMS
11:55-12:00 **CLOSING REMARKS:** Jane Burns and Sandy Mozey

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

CARDIAC ULTRASOUND PROGRAM

Elm Creek Amphitheatre

FRIDAY, APRIL 1st, 2016

6:30-7:30PM **Pre-Registration** – Northland Ballroom Foyer
7:00-9:00PM Hands-On Scan Sessions - Northland Ballroom

SATURDAY, APRIL 2nd, 2016

7:00-7:50 **Registration and Continental Breakfast** – Northland Ballroom Foyer
7:50-8:00 Welcome Address – Eileen Nemec, Cardiac Chair
8:00-8:50 Infectious Disease and Associated Cardiac Manifestation – William Fabian, MD
8:50-9:45 RHD: Resurgence from 3rd World Countries? – Jayne Cleve, RDCS
9:45-10:15 **Break** – Vendor Exhibits – Northland Ballroom
10:15-11:05 Infiltrative Diseases/Cardiomyopathies – Fletcher Miller, MD
11:05-11:55 Extracardiac Findings Associated with Cardiac Findings – William Fabian, MD
12:00-1:00 **Lunch** – Fireside Room/Great Room
1:00-1:50 Congenital Heart Disease for the Adult Sonographer – David Burton, MD
1:50-2:40 Surgical repair of CHD for the Adult Sonographer – Frank Moga, MD
2:40-3:10 **Break** – Vendor Exhibits – Northland Ballroom
3:10-4:00 Diastolic Function: Nuts and Bolts of Ventricular Filling – Sally Miller, RDCS
4:00-4:50 Pulmonary Hypertension and Right Heart Disorders – Retu Saxena, MD
5:00-6:30 **Wine and Cheese Reception** – Northland Ballroom
6:30-10:00 **Meet and Greet with music by JERRY-OKE (DJ and Karaoke)**

SUNDAY, APRIL 3rd, 2016

7:00-12:00 **(COMBINED SESSIONS IN NORTHLAND BALLROOM EAST)**
(See Schedule listed under General Track)

VASCULAR ULTRASOUND PROGRAM

Hennepin Salon 3

FRIDAY, APRIL 1st, 2016

- 6:30-7:30PM **Pre-Registration** – Northland Ballroom Foyer
7:00-9:00PM Hands-On Scan Sessions - Northland Ballroom
7:00-9:00PM **Vascular Hot Topics – Traci Fox, EdD, RT, RDMS, RVT – Hennipen Salon 3 – NEW**

SATURDAY, APRIL 2nd, 2016

- 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 Uncommon Carotid Pathologies – Patrick Washko, RVT
8:50-9:45 Venous Duplex Above & Below the Diaphragm – Patrick Washko, RVT
9:45-10:15 **Break** – Vendor Exhibits – Northland Ballroom
10:15-11:05 Novel Therapies in the Treatment of Critical Limb Ischemia – Kelly Byrnes, RVT
11:05-11:55 The Sonographer's Role in EndoVenous Ablation Procedures – Nancy E. Wulf, BS, RVT
12:00-1:00 **Lunch** – Fireside Room/Great Room
1:00-1:50 Wide and Wild World of Vascular Disease – Patrick Washko, RVT
1:50-2:40 Spectral Doppler Optimization – Mani Montazemi, RDMS
2:40-3:10 **Break** – Vendor Exhibits – Northland Ballroom
3:10-4:00 Protocol Excellence in Preoperative Access Mapping – Kelly Byrnes, RVT
4:00-4:50 AVF Maturation and the Role of Flow Volumes – Kelly Byrnes, RVT
5:00-6:30 **Wine and Cheese Reception** – Northland Ballroom
6:30-10:00 **Meet and Greet with music by JERRY-OKE (DJ and Karaoke)**

SUNDAY, APRIL 3rd, 2016

- 7:00-12:00 **(COMBINED SESSIONS IN NORTHLAND BALLROOM EAST)**
(See Schedule listed under General Track)

OB/GYN ULTRASOUND PROGRAM

Hennepin Salon 1

FRIDAY, APRIL 1st, 2016

- 6:30-7:30PM **Pre-Registration** – Northland Ballroom Foyer
7:00-9:00PM Hands-On Scan Sessions - Northland Ballroom

SATURDAY, APRIL 2nd, 2016

- 7:00-7:50 **Registration and Continental Breakfast** – Northland Ballroom Foyer
7:50-8:00 Welcome Address – Jane J.K. Burns, MSDU – OB/GYN Chair
8:00-8:50 Acute Pelvic Pain in the Non-Pregnant Patient – Mani Montazemi, RDMS
8:50-9:45 Fetal Anterior Wall Defects – Mani Montazemi, RDMS
9:45-10:15 **Break** – Vendor Exhibits – Northland Ballroom
10:15-11:05 Ovarian Masses: To Doppler or Not to Doppler – Dr. James Shwayder
11:05-11:55 Know When to Hold 'em, Know When to Fold 'em – Screening Exam of The Fetal Heart – The 4-Chamber View – Jill Beithon, RDMS

12:00-1:00 **Lunch** – Great Room/Fireside Room
1:00-1:50 Know When to Hold 'em, Know When to Fold "em – Screening Exam of The Fetal Heart – The Outflow Tract Views – Jill Beithon, RDMS

1:50-2:40 Ultrasound in the Evaluation of Abnormal Uterine Bleeding – Dr. James Shwayder
2:40-3:10 **Break** – Vendor Exhibits – Northland Ballroom
3:10-4:00 Interesting Cases in GYN Ultrasound – Dr. James Shwayder
4:00-4:50 Fetal Skeletal Anomalies – Anne M. Duffy, RDMS, RVT
5:00-6:30 **Wine and Cheese Reception** – Northland Ballroom
6:30-10:00 **Meet and Greet with music by JERRY-OKE (DJ and Karaoke)**

SUNDAY, APRIL 3rd, 2016

- 7:00-12:00 **(COMBINED SESSIONS IN NORTHLAND BALLROOM EAST)**
(See Schedule listed under General Track)

HANDS-ON SCAN LAB SESSIONS

WHEN: Friday, April 1st, 2016: from 7 to 9 pm
WHERE: Northland Ballroom
COST: \$30.00 for 1 CME (\$15 for Students)
TOPICS: Ergonomic Scanning
Strain Imaging Techniques (J.Cleve)
Fetal Heart and 3VV (J.Beithon)
MSK of Wrist & Elbow (D.Kesti)
Just For Students

See registration form to sign up for your session. Space limited to 50 attendees and assigned on a "first come basis".

Sign up early!!

SOCIAL

Wine & Cheese Reception Saturday April 2nd, 2016 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

The MINNEAPOLIS MARRIOTT NORTHWEST has a block of rooms reserved for participants of the seminar. Rates are \$125.00 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 20, 2016. You may contact the Marriott Inn at the 1-877-303-1681. Be sure to identify yourself as attending the MSDU Spring Seminar.

Book online here.

GENERAL INFORMATION TUITION

Registration Fees	Early Bird by 2/25/16	Before 3/20/16	After 3/20/16
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TWO DAY

Members	\$280.00	\$330.00	\$425.00
Non-Members	\$350.00	\$430.00	\$525.00

SATURDAY ONLY

Members Saturday Only	\$230.00	\$280.00	\$340.00
Non-Members Saturday Only	\$300.00	\$360.00	\$420.00

SUNDAY ONLY

Members Sunday Only	\$180.00	\$240.00	\$280.00
Non-Members Sunday Only	\$230.00	\$300.00	\$370.00

STUDENTS

Both Days	\$120.00	\$140.00	\$180.00
One Day	\$100.00	\$120.00	\$160.00

12 CREDITS available for Track Lectures

1 Credit for Scan Lab

2 Credits for Vascular Hot Topics

TOTAL POSSIBLE CREDITS: 14

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, 2016 will receive a refund minus a \$50.00 processing fee.

No refunds will be made after March 28th, 2016. 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.



NEW THIS YEAR:

Friday night lecture: Vascular Hot Topics - 7:00-9:00 pm
- Traci Fox, EdD, RDMS, RVT - Hennipen Salon 3 - 2 CME's

REGISTRATION

ALL REGISTRATION FORMS AND PAYMENTS MUST BE COMPLETED ONLINE

ANY PROBLEMS WITH THIS PROCESS PLEASE CONTACT:
Laura Johnson at laurajohnson@msdu.org

TUITION / PAYMENT

MSDU Members Non-Member Student

Attendee NAME: _____

Tuition:	Both Days	\$ _____
	Saturday Only	\$ _____
	Sunday Only	\$ _____
	Hands-on Session	\$ _____
	Friday Vascular	
	Hot Topics (\$45)	\$ _____
	Total Due	\$ _____

ALL SYLLABUS MATERIAL WILL BE PROVIDED IN
ELECTRONIC FORMAT.

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

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

MSDU 2016 / 2017 OFFICERS, COORDINATORS AND ADVISORS

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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

Saturday April 2nd, 7:00 am to 7:00 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.

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

BRACCO

CareStream

Bayer Medical Care Inc.

GE Healthcare

Gulfcoast Ultrasound Institute, Inc.

Lantheus Medical Imaging

Nanosonics

NXC Imaging/Toshiba

Parks Medical

Philips

St. Cloud Technical and Community College

Samsung Medical Imaging

Sanford Health

Siemens Medical Solutions, Inc.

ACCREDITATION

Fourteen (14) Continuing Education Credits have been applied for through the Society of Diagnostic Medical Sonographers.

FACULTY LIST

Jill Beithon RT, RDMS, RDCS, RVT
Just Wright Ultrasound Consulting, LLC
Fergus Falls, MN

David Burton, MD
Children's Heart Clinic
Minneapolis, MN

Kelly Byrnes, BS, RVT, FSVU
Norton Healthcare
Louisville, Kentucky

Jayne Cleve, BS, RDCS
Duke University Medical Center
Durham, NC

Anne M. Duffy, RDMS, RVT
Chief Sonographer
UCSF Medical Center
San Francisco, CA

Jennie Durant, BS, RDMS, RDCS, RVT
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Educational Director
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William Fabian, MD, MBA, FACC
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Ann Gihl, RN/CPTC
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Fletcher Miller MD
Mayo Clinic
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