



**Indiana Society of Radiologic Technologists
2019 Annual Conference
Advance Registration Booklet**

Taking Care of Business



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FRANCISCAN HEALTH INDIANAPOLIS

8111 S. Emerson Ave.
Indianapolis, IN 46237

**2019 Annual Conference Committee Chairman:
Lynn Howley; Education: Vesna Balac;
Registration: Emily Scaggs; Treasurer: Deb LeMay;
Hospitality: Cheryl Duncan and Missy Fritz**

INFORMATION TO HELP YOU PLAN

Please read the information below completely before registering for the conference.

BREAKS

Breaks are scheduled between each speaker. Please see the program schedule for details about length of breaks and scheduled times.

MEALS

Meals are “on your own”. There are multiple options available for dining near the hospital.

Franciscan Health cafeteria is located on the 2nd floor and has a wide variety of food options.

NEARBY CASUAL DINING

- | | |
|----------------------|--------------------|
| ★ Subway | Logan’s Steakhouse |
| ★ Taco Bell | Hot Box Pizza |
| ★ Burger King | McAllister’s |
| ★ Arby’s | Stacked Pickle |
| ★ Steak ’n Shake | Panda Express |
| ★ Panera | Rally’s |
| ★ Starbucks | Papa Johns |
| ★ Qdoba | Chicago’s Pizza |
| ★ McDonald’s | Cracker Barrel |
| ★ Jimmy Johns Subs | El Meson |
| ★ Penn Station Subs | Mexico City Grill |
| ★ Wendy’s | Door Dash |
| ★ Buffalo Wild Wings | |
| ★ Popeye's | |
| ★ Freddy's | |
| ★ Culver's | |
| ★ Sonic | |

- ★ If you have questions about local restaurant locations, please ask a committee member. We would be happy to help!

LAST BUT NOT LEAST...

- ★ The educational program is tentative. The Annual Conference Committee reserves the right to change the program as needed.
- ★ Please check your time zone with that of the conference facility so that you do not arrive late. Please plan enough time to locate the facility, park, register and find the meeting room.
- ★ Please bring a sweater or jacket for lectures as the temperature in the meeting rooms can sometimes vary.
- ★ We are not able to provide child care services during the educational meetings. Please do not bring children to the educational sessions.
- ★ If you have any special needs or require special accommodations, please let the Annual Conference Committee know how we may assist you.

LECTURE SCHEDULE

- Attendees must be seated in the lecture room prior to the scheduled start time of each lecture. Individuals arriving after a lecture’s scheduled start time will not be admitted into the lecture room.
- Individuals must be present during the entire lecture to receive credit. Leaving the lecture room prior to the end of a lecture will result in automatic loss of that lecture credit.
- Lectures must meet ASRT requirements for time to receive full credit. Each hour of lecture equates to one (1) Category A CE credit unless specified otherwise. Lectures must be a minimum of 50 minutes in length to receive one (1) CE credit. The amount of CE credit awarded will be reduced in the event a lecture does not meet the minimum ASRT requirements for time.

CONTINUING EDUCATION CREDIT

- Lectures must meet ASRT requirements for time to receive full credit. Each hour of lecture equates to one (1) Category A CE credit unless specified otherwise. Lectures must be a minimum of 50 minutes in length to receive one (1) CE credit. The amount of CE credit awarded will be reduced in the event a lecture does not meet the minimum ASRT requirements for time. ASRT Credit Determination information:
- All participants will be provided with verification of attendance for lectures attended. Verification will be emailed to you within 30 days of the close of the Annual Conference.
- Participants must be seated in the lecture room prior to the scheduled start time of each lecture. Individuals arriving after the scheduled start time of a lecture will not be admitted into the lecture room.
- Individuals must be present during the ENTIRE LECTURE to receive credit. Leaving the lecture room prior to the end of a lecture will result in automatic loss of that lecture credit.
- Individuals are encouraged to keep a copy of the program booklet with the course descriptions if further course content is needed for attendance verification at a later date.
- It is the responsibility of individual conference attendee to submit documentation of attendance and continuing education credits earned to the ASRT or any other agency requiring proof of continuing education.
- Individual participants are responsible for submitting attendance verification, speaker credentials, and any other required information to state agencies requiring them to do so.

Credit Values

Minutes	Credit
15-29	.25
30-44	.5
45-49	.75
50-62	1
63-74	1.25
75-87	1.5
88-99	1.75
100-112	2

Courses have been submitted for and are pending approval by the ASRT for Category A or A+ continuing education credit. The Annual Conference Committee reserves the right to change the program schedule as needed.

EDUCATIONAL PROGRAM AT A GLANCE

Courses have been submitted for and are pending approval by the ASRT for Category A or A+ continuing education credit. The Annual Conference Committee reserves the right to change the program schedule as needed.

Thursday, 10/24/19

6:30 pm ISRT Board of Director's Meeting - Old National Bank Center Community Room - Members are welcome to attend.

EDUCATIONAL PROGRAM AT A GLANCE

Courses have been submitted for and are pending approval by the ASRT for Category A or A+ continuing education credit. The Annual Conference Committee reserves the right to change the program schedule as needed.

Friday, 10/25/19

7:00 - 9:00 am Registration Desk Open

8:00 am *Opening Remarks - Please be seated by 8:00 AM*

8:10 -9:00 am **Resolution Considerations with DR Technologies-
Randy Griswold, MPA, RT(R)**

Digital detector technologies have had a pronounced impact upon medical image quality and their efficiencies. The technology continues to advance and in doing so, it requires a reassessment of traditional exposure technique models. This presentation will look specifically at two (2) important factors of DR image quality: Contrast Resolution and Temporal Resolution. Each factor will be analyzed as it applies to DR technologies and in particular their image quality and assessment considerations.

9:20 -10:10 am **Exposure Exposed: Assessing Noise on Digital Images-
Melynie Durham, MS, RT(R)(MR)**

With the implementation of digital radiography, radiographers are now able to quantify image receptor exposure. However, many radiographers do not have a full understanding of the importance of the exposure indicator (EI)/sensitivity (S) number and its impact on image quality. This presentation will discuss the importance of EI and S numbers and impact overexposure and underexposure have on image quality through image analysis. Additionally, direction will be provided on how to correct exposure on an image that does not have the correct exposure indicator/sensitivity number.

10:30 am - 12:00 pm	ISRT Annual Business Meeting - All ISRT member conference attendees are encouraged to attend. Agenda will include state of the Society address, new officer installation, awards, and other business of the Society. This session is not approved for continuing education credit.
12:00 –1:00 pm	Lunch on your own
1:00 - 2:15 pm	Registration Desk Open
1:00 - 1:50 pm	<p>Legal Issues in Medical Imaging- Ann M. Obergfell, JD, RT(R)</p> <p>An overview of issues arising in a medical imaging department which could develop into legal liability questions. Basic legal theories will be defined and discussed. Mechanisms for identifying and minimizing risks will be explored.</p>
2:10 - 3:00 pm	<p>No Man’s Land: The Space between the Head and Shoulders That We Call the Neck- Linda Cox MS, RT (R)(MR)(CT), & Dina Peterson, MEd, RT (R), RDMS, RDCS, RVT</p> <p>Typically, cross-sectional anatomy lectures focus on the head, chest, pelvis, and abdomen. Yet, the often imaged but frequently glossed over anatomy and pathology of the neck is vital knowledge for the imaging technologist. Using imaging from various modalities, this presentation will cover the major anatomic structures, lymph node stations, vasculature, and pathology of the neck.</p>
3:10 - 4:00 pm	<p>Updates in Radiation Therapy- Brent D. Murphy, MS, DABR</p> <p>It is an exciting time to be in Radiation Therapy. The new technologies focusing on imaging, planning, treatment delivery, and medical informatics creates unique opportunities. This presentation will review the foundation of the current technologies to establish the basis for advancement into the adoption the new technologies to include: 4D Imaging, Auto Planning, Benchmarking, Image Guided Radiation Therapy, Proton Therapy, and new brachytherapy isotopes.</p>
4:15 - 5:30 pm	<p>Basket Raffle & ISRT Past President Recognition Reception</p> <p>The ISRT Board of Directors and Annual Conference Committee welcome all conference attendees to attend this special reception honoring the Presidents who have served the ISRT. This is a great opportunity to catch up with old friends, make new friends, and network with other imaging professionals. Light refreshments will be available, please plan to join us!</p>
5:45 pm	<p>Student Quiz Bowl—Franciscan Health Indianapolis Auditorium</p> <p>Participant registration must be made in advance. Spectators are welcome and encouraged!</p>

Courses have been approved by the ASRT for Category A or A+ continuing education credit. They have also been approved for Structured Educational requirements from the ARRT.

ADVANCE REGISTRATION INFORMATION

The ISRT has TWO WAYS TO REGISTER for the Annual Conference

Please read the following instructions carefully before registering:

REGISTRATION BY MAIL

- ★ Complete the conference registration form in this program guide.
- ★ Mail your completed form, a copy of your ISRT card, and check or money order (no cash please) to the address at the bottom of the form. To receive the published conference rates, registration and payment must be made in advance.
- ★ Mailed registration forms and fees must be postmarked on or before October 1, 2019 to qualify for the rates published in this booklet.

ONLINE REGISTRATION

- ★ Log on to: www.ISORT.org
- ★ Complete the online conference registration form
- ★ Make your payment securely through PayPal. To receive the published conference rates, registration and payment must be made in advance.
- ★ Online registration and payment must take place on or before October 1, 2019 to qualify for the rates published in this booklet.
- ★ **Online registration ends at 11:59 pm on October 1, 2019.**

THIRD PARTY PAYMENT - If registration fee is being paid by an institution (employer or school), the registrant is encouraged to send a copy of the registration form to the registration chairman noting the name of the institution paying the fee.

LATE REGISTRATION FEE - All registrations and payments made on and after October 1, 2019 must include an additional \$25.00 late registration fee. **Please do not mail registrations after October 1, 2019** - plan to arrive early and register the day of the conference.

ONSITE REGISTRATION - If you miss mail and online registration deadlines you can still attend the conference. Onsite registration will be available throughout the conference. An additional \$25 late registration fee will be added to all onsite registration fees.

REDUCED RATES FOR SOCIETY MEMBERS - Members of the Indiana Society of Radiologic Technologists and other state affiliates of the ASRT (OSRT, MSRT, KSRT, etc.) receive lower registration rates than nonmembers.

- ★ You must be a paid 2019 state affiliate member (ISRT, ISSRT, OSRT, MSRT, KSRT, etc.) to receive the member rates. This does **not** include membership with the ASRT or specialty modality Societies such as SDMS or SNM.
- ★ You can take advantage of member registration rates by joining the ISRT. Join online at www.isort.org or by mailing a membership application with required documentation and a check or money order to the Executive Secretary.
 - ❖ Individuals who join the ISRT online please allow 3 days before registering for the conference .
 - ❖ Mailed membership applications must have a postmark date before or the same as conference registration form to qualify for member rates.

ADVANCE REGISTRATION INFORMATION

CONFIRMATION of REGISTRATION - Confirmation of advance registration will be sent via email. If you do not provide an email address you will be responsible for contacting the Registration Chairman **Emily Scaggs** to confirm your registration has been received.

PAYMENT RECEIPT - Individuals registering online will receive their conference receipt from Paypal when they register. Individuals registering via mail with check will receive their payment receipt at the conference check-in table.

REFUND POLICY - Requests for refunds must be submitted in writing to the Registration Chairman with a postmark no later than October 1, 2019. Eighty-five percent (85%) of the registration fee will be refunded. **NO REFUNDS WILL BE MADE AFTER October 1, 2019.**

GUESTS - Guest badges are available for a spouse or companion who wishes to join you during some or all of the conference. A registered technologist, radiologic science student or a commercial representative may **NOT** register as a guest. Names must be provided for all guest badge requests.

GROUP REGISTRATION: Questions about group registration please contact the registration chair Emily Scaggs at escaggs@iu.edu.

HOTEL INFORMATION

There are a variety of hotels within close proximity to St. Francis Hospital- Indianapolis.

Hilton Garden Inn

5255 Noggle Way
Indianapolis, IN 46237
(317) 888-4814
1 mile south



Home2 Suites

5215 Noggle Way
Indianapolis, IN 46237
(317) 851-85181
1 mile south



Holiday Inn Express

1180 Wilson Drive
Greenwood, IN 46143
(317) 881-0600
1.5 miles south



WoodSpring Suites- Greenwood

1009 Greenwood Springs Drive
Greenwood, IN 46143
(317) 882-9200
1.5 miles south



ANNUAL CONFERENCE SPECIAL EVENTS

The Annual Conference Committee and the ISRT Board of Directors are working together planning extra events and functions to add to the Conference. Please plan to join us for one or all of our events.

ANNUAL SCHOLARSHIP BASKET RAFFLE

Friday, October 25, 2019

The ISRT Board of Directors will once again be raising money for the ISRT Scholarship Fund by holding a Basket Raffle at the 2019 Annual Conference. All proceeds from the auction will be added to the ISRT scholarship funds for students and technologists. Prize baskets are donated by ISRT officers, ISRT members, area hospitals, and commercial representatives exhibiting at the conference. Support the ISRT Scholarship Basket Raffle by purchasing raffle tickets.

TICKET PRICES:

\$1 = 1 ticket

\$5 = 6 tickets

\$10 = 13 tickets

\$20 = 30 tickets



Tickets can be purchased from any ISRT Officer

ISRT PAST PRESIDENT RECEPTION

Friday, October 25, 2019

4:15-5:30 pm

The Annual Conference Committee and ISRT Board of Directors welcome all conference attendees to attend this special reception honoring the Presidents who have served the ISRT. This is a great opportunity to catch up with old friends, make new friends, and network with other imaging professionals. Light refreshments will be available, please plan to join us!

ANNUAL BUSINESS MEETING

Friday, October 25, 2019

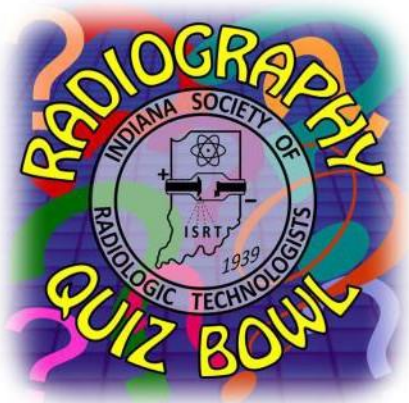
Meeting begins at 10:30 am Friday

The ISRT Board of Directors encourages all members to attend the Annual Business meeting on Friday, October 25, 2019. The meeting will begin at 10:30 am. In addition to receiving the election report, competition awards will be presented, certificates of recognition will be handed out, Bylaw revisions will be reviewed and approved, and the new ISRT officers will be installed. This is a great opportunity to learn more about the ISRT and how you can get involved.

*This session does not qualify for CE credit.

ANNUAL CONFERENCE SPECIAL EVENTS

The Annual Conference Committee and the ISRT Board of Directors are working together planning extra events and functions to add to the Conference. Please plan to join us for one or all of our new or updated events.



The Indiana Society of Radiologic Technologists invites all entry-level Indiana Radiologic Science students to participate in the **2019 Radiography Quiz Bowl**. Register for the competition and start preparing to go head-to-head against other individuals in an Indiana Radiography program. Thanks to the very generous support of the Indiana Radiological Society, the winning individual will be awarded the Quiz Bowl Traveling Trophy. The trophy will remain with the winning individual for one year. In addition, the top three individuals will receive monetary awards for their achievements.

LOCATION, DATE, and TIME:

Franciscan Health Indianapolis Auditorium

8111 Emerson Avenue, Indianapolis, IN 46237

Competition will be held on Friday, October 25, 2019 immediately following the Past President's Reception, at approximately 5:45pm

COST:

This is a **FREE** event for teams **preregistered** for the Annual Conference October 25, 2019

The event is \$10/participant for those not preregistered for the Annual Conference

HOW TO REGISTER:

Read the Official Rules and submit a completed application to the Quiz Bowl coordinator before the deadline date. Applications are available on the ISRT website.

APPLICATION DEADLINE:

To be eligible to participate in the Radiography Quiz Bowl, online applications must be submitted no later than September 27, 2019.

IF YOU STILL HAVE QUESTIONS:

Contact the Quiz Bowl Coordinator-

Makenzie Jones

8277 Kifer Dr

Newburgh IN 47630

maklynn22@gmail.com

Join online at
www.ISORT.org

INDIANA SOCIETY OF RADIOLOGIC TECHNOLOGISTS, INC
Member Application/Renewal

Type or print legibly and return to the address at the bottom of the form.

- NEW MEMBERSHIP CURRENT MEMBER RENEWAL PAST MEMBER RENEWAL- what year were previously a member? _____

First Name _____ M.I. _____ Last Name _____ Maiden/Other Name _____

Mailing Address _____ City _____ State _____ Zip Code _____

Primary Email Address _____

Secondary Email Address _____

Gender: Female Male Date of Birth _____

I would like my name and address information including email excluded from the following: Lists to CE Providers Lists to vendors Lists to employment recruiters

MEMBERSHIP CATEGORIES - PLEASE SELECT ONE CATEGORY -

- ACTIVE — \$40.00 Submit a copy of your ARRT (American Registry of Radiologic Technologists) CARD, or equivalent. (This excludes Retired Status ARRT card)
- LIMITED X -RAY MACHINE OPERATOR — \$40.00 Submit a copy of your current INDIANA LIMITED GENERAL STATE LICENSE
- SUPPORTING — \$40.00
- RETIRED — \$20.00 Retired members are those who hold retired status with the American Registry of Radiologic Technologists (ARRT) or equivalent or who meet Social Security Administration requirements for retirement. Submit a copy of your CURRENT RETIRED ARRT (American Registry of Radiologic Technologists) CARD, or equivalent if applicable.

- STUDENT — \$10.00 Student members are those who are enrolled in a PRIMARY radiologic science program including Indiana State Department of Health (ISDH) approved limited programs.

Students must provide the following information:

- First year Second year

Graduation month & year _____

Program name & city _____

Program Director's name _____

Student Permit # _____ Permit Expiration _____

TECHNOLOGISTS: PLEASE SELECT AN APPROPRIATE RESPONSE FOR EACH QUESTION BELOW. Disclosure of this information is optional. This information is confidential and truly helpful for the ISRT to serve you.

ARRT PRIMARY CERTIFICATION(S):

- ___ RADIOGRAPHY (R)
- ___ NUCLEAR MEDICINE (N)
- ___ RADIATION THERAPY (T)
- ___ SONOGRAPHY (S) — THROUGH ARRT AND NOT ARDMS
- ___ MAGNETIC RESONANCE IMAGING (MR) - PRIMARY THROUGH ARRT

ARRT POST -PRIMARY EXAMINATION(S) COMPLETED:

- ___ BONE DENSITOMETRY (BD)
- ___ BREAST SONOGRAPHY (BS)
- ___ CARDIAC-INTERVENTIONAL (CI)
- ___ CARDIOVASCULAR-INTERVENTIONAL (CV)
- ___ COMPUTED TOMOGRAPHY (CT)
- ___ MAGNETIC RESONANCE (MR) - POST-PRIMARY
- ___ MAMMOGRAPHY (M)
- ___ QUALITY MANAGEMENT (QM)
- ___ REGISTERED RADIOLOGIST ASSISTANT (RRA)
- ___ SONOGRAPHY (S) — THROUGH ARRT AND NOT ARDMS
- ___ VASCULAR-INTERVENTIONAL (VI)
- ___ VASCULAR SONOGRAPHY (VS)

OTHER CERTIFICATIONS/EXAMINATIONS COMPLETED THROUGH AN AGENCY OTHER THAN ARRT:

- ___ BONE DENSITOMETRY
- ___ CARDIOVASCULAR-INTERVENTIONAL (CCI)
- ___ NUCLEAR MEDICINE (NMTCB)
- ___ SONOGRAPHY (ARDMS) -RDMS, RCDS, RVT
- ___ LIMITED INDIANA CERTIFICATION, TYPE OF CERTIFICATION: _____

OTHER: LIST TYPE _____

PRIMARY PRACTICE: IN WHICH AREA OF THE PROFESSION DO YOU SPEND MORE THAN HALF OF YOUR TIME? (SELECT ONLY ONE)

- ___ RADIOGRAPHY (INCLUDES CT, MR, QA, MAMMOGRAPHY, VASCULAR, ETC.)
- ___ NUCLEAR MEDICINE
- ___ RADIATION THERAPY
- ___ SONOGRAPHY
- ___ OTHER: PLEASE LIST AREA _____

POSITION: IN WHICH POSITION DO YOU SPEND MORE THAN HALF OF YOUR TIME? (SELECT ONLY ONE)

- ___ BONE DENSITOMETRY
- ___ CARDIAC-INTERVENTIONAL
- ___ COMPUTED TOMOGRAPHY
- ___ CORPORATE
- ___ DOSIMETRY
- ___ EDUCATION (PROG DIR, INSTRUCTOR)
- ___ FUSION (e.g., PET/CT)
- ___ INDUSTRIAL
- ___ INFORMATICS (COMPUTER SYSTEMS)
- ___ MAGNETIC RESONANCE
- ___ MAMMOGRAPHY
- ___ MANAGEMENT (SUPERVISOR, CHIEF TECH)
- ___ NUCLEAR MEDICINE
- ___ QUALITY ASSURANCE/ASSESSMENT
- ___ RADIATION THERAPY
- ___ RADIOGRAPHY
- ___ RADIOLOGIC NURSE/LPN
- ___ RADIOLOGIST ASSISTANT OR RPA
- ___ RESEARCH
- ___ SIMULATION
- ___ SONOGRAPHY
- ___ VASCULAR INTERVENTIONAL
- ___ NOT CURRENTLY EMPLOYED
- ___ EMPLOYED IN FIELD OTHER THAN RADIOLOGIC SCIENCES
- ___ RETIRED
- ___ OTHER: PLEASE LIST _____

The ISRT membership year begins on February 1 and ends on January 31 of the following year. Individuals may join the ISRT at any time during the year. Membership applications received prior to the Annual Conference will be processed for the current year and will expire on January 31. Membership applications received after the Annual Conference will automatically be processed for the new membership year, which begins on February 1. Dues are nonrefundable.

- Membership processing may take up to 21 business days
- Please make check or money order payable to the ISRT. Please do not send cash. Credit card payment may be made online through the ISRT website at www.isort.org.
- Send total payment due and required documentation to:
Hannah Jackson, RT(R)(CT)
ISRT Executive Secretary
15541 Outside Trail
Noblesville IN 46060
- To guarantee the quickest processing time of your ISRT membership, please provide all requested documentation with your application.

Please Do Not Write in this Section

RCVD _____
AMOUNT _____
CHECK # _____
VERIFIED _____

ISRT VOLUNTEER OPPORTUNITIES

I am interested in:

- SERVING ON AN ISRT COMMITTEE YES NO
- SERVING AS AN ISRT OFFICER YES NO
- PRESENTING A LECTURE YES NO

TECHNOLOGISTS:
Please submit a copy of your ARRT card with this completed form