

Educating for the Future



General Education Sessions for the Radiology Professional

***One Day Educational Seminar
Saturday, April 14, 2012
St. Mary's Medical Center – Amphitheater
3700 Washington Ave.
Evansville, IN 47750***

***Sponsored by the Indiana Society of Radiologic Technologists, Inc.
Visit WWW.ISORT.ORG for registration information***

The Indiana Society of Radiologic Technologists Presents
“Educating for the Future”
A One-Day General Education Seminar

Saturday, April 14, 2012
St. Mary’s Medical Center Amphitheater
3700 Washington Ave.
Evansville, IN 47750



- 7:00 a.m. Registration and Check-In. Please be seated by 8:00 a.m.
- 8:00 a.m. Opening Remarks and Instructions
- 8:15 to 9:15 a.m. “The Complicated First Trimester Gestation”
Claudine Fairchild, MS, RT(R)(M), ARDMS
University of Southern Indiana, Evansville, IN
- 9:30 to 10:30 a.m. “PACS and Its Conversion to Medical Imaging Informatics”
Anthony Goodwin, PhD, RT(R)
St. Mary’s Medical Center, Evansville, IN
- 10:45 to 11:45 a.m. “Proton Therapy: Clinical Use and Basic Physics”
Matt Hines , RT(T) & Traci Conley, RT(T)
Indiana University Health Proton Therapy Center, Bloomington, IN
- Noon to 1:00 p.m. Lunch – On your own. Please be seated again by 1:05 p.m.
- 1:15 to 2:15 p.m. “MRI and the Analysis of a Burn”
Joy Cook, MS, RT (R)(CT)(MR)
University of Southern Indiana, Evansville, IN
- 2:30 to 3:30 p.m. “Computed Radiography & Digital Imaging for the Practicing
Technologist”
Heather Schmuck, BS, RT(R)
University of Southern Indiana

⇒ Courses are pending approval by the ASRT for Category A or A+ continuing education credit unless otherwise noted.

⇒ The educational program is tentative. The Seminar Committee reserves the right to change the program as needed.

IMPORTANT INFORMATION BEFORE YOU REGISTER:

- ➡ **Advance registration is preferred.** Postmark deadline for registration is March 30, 2012. **Do not mail after March 30, 2012, plan to register onsite. A \$25 late fee will be assessed to all registrations made after 3/30/12.**
- ➡ You must be a 2012 ISRT member or current member of another affiliate society (example Illinois, Ohio, Kentucky) to receive the member registration rate. Questions about ISRT membership status should be directed to Jane Patton at isort@comcast.net.
- ➡ Confirmation of registration will be emailed to you. Payment receipts will be provided at the check-in desk the day of the seminar.
- ➡ Registration check-in will begin at 7:00 am Central Standard Time.
- ➡ All attendees are asked to be seated no later than 8:00 am CST. Open remarks and instructions will begin promptly at 8:00 am CST.
- ➡ Lectures must meet ASRT requirements for time to receive full credit.
- ➡ All lectures are pending approval by the ASRT for Category A or A+ CE credit.
- ➡ Lunch is on your own. St. Mary's Hospital cafeteria will be available as well as there are restaurants located just a short drive away. Those leaving the hospital campus for lunch are reminded that the afternoon session will begin at 1:15 PM CST.
- ➡ Please contact the seminar committee if you have any special needs or require special accommodations.
- ➡ Bring a sweater or jacket as the temperature in the meeting room can vary.
- ➡ The ISRT is not able to provide child care services during the educational seminar. Please do not bring children.
- ➡ The ISRT One Day Seminar Committee reserves the right to change the program schedule as needed.
- ➡ This seminar is open to medical professionals and students interested in the content being presented.
- ➡ **Seminar location:**

St. Mary's Medical Center Amphitheater
3700 Washington Ave.
Evansville, IN 47750
- ➡ All questions should be directed to Seminar General Chairman Joy Cook at Jacook3@usi.edu.
- ➡ Registration may be made by mailing the registration form and fee to Martin Reed, Registration Chairman at the address on the form or electronically online at www.isort.org.

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- You may pay member registration rates by providing a copy of your 2012 ISRT membership card, proof of current membership in another affiliate state society (example Illinois, Ohio, Kentucky) or by joining the ISRT now.
- Refund requests must be in writing. No refunds will be considered after 3/30/2012.
- A \$25 late fee will be assessed to all registrations made after 3/30/12.
- All questions should be directed to Joy Cook, Seminar General Chairman, Jacook3@usi.edu .



Registration Information - please complete all information requested:

Select one membership category:

- ISRT Member - include a copy of your current (2012) ISRT (or other affiliate Society) membership card with your seminar registration.**
- I wish to join the ISRT to take advantage of member rates.** Complete the ISRT membership application and submit to the Executive Secretary with required fee.
- I do not wish to join the ISRT at this time and choose to pay nonmember seminar registration rates.

Select one registration category:

- ISRT MEMBER RATES, All ISRT Categories including Student ISRT members \$30.00**
- All categories (except student) non-member \$80.00
- Student non-member \$50.00

Name and credentials as you want them to appear on your name badge

Mailing Address

City

State

Zip

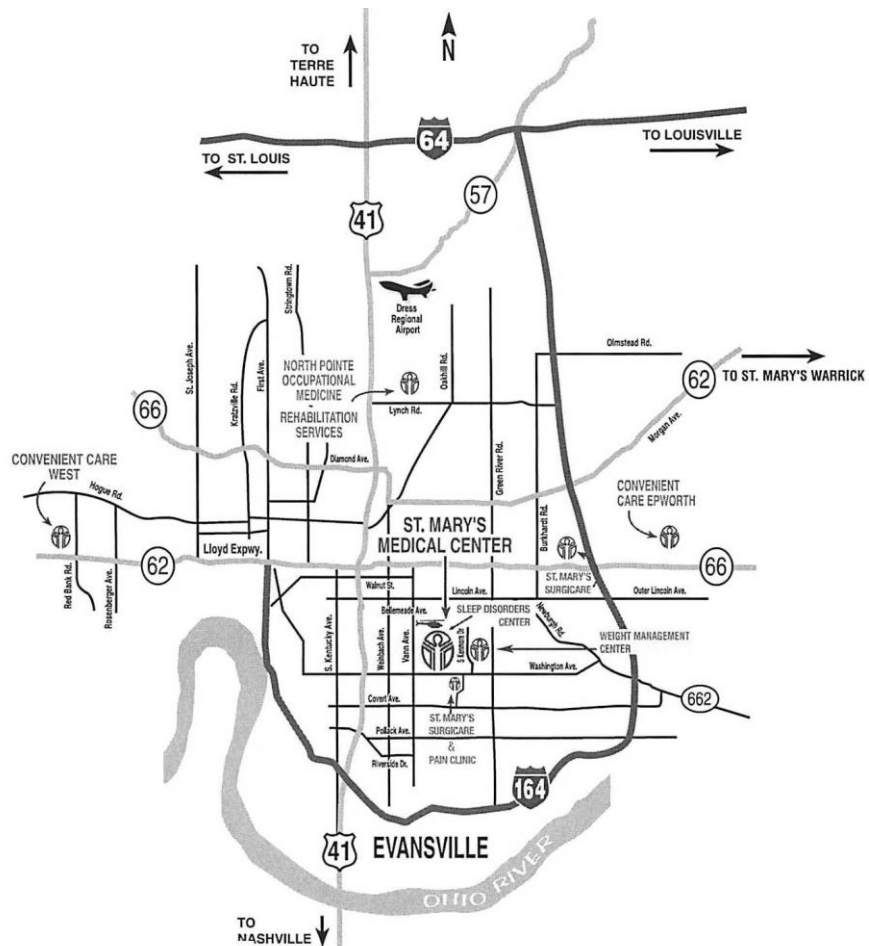
Email address

Phone with area code

Registration postmark deadline is March 30, 2012. Send registration, required documentation, and check or money order payable to the 2012 ISRT Spring One Day Seminar to:

**2012 ISRT Spring One Day Seminar
Martin Reed, Registration Chairman
4388 Meadowbrook Ln.
Newburgh, IN 47630**

Directions to St. Mary's:



Directions:

From Northeast of Evansville:

Take Interstate 64 west to the Highway 41 south exit. Take Highway 41 south to Washington Avenue. Turn left on Washington Avenue and head east. The entrance to St. Mary's is on the left.

From Northwest of Evansville:

Take Interstate 64 east to the Highway 41 south exit. Take Highway 41 south to Washington Avenue. Turn left on Washington Avenue and head east. The entrance to St. Mary's is on the left.

From East of Evansville:

Take Highway 66 (Lloyd Expressway) west to the Green River Road exit. Turn left and head south on Green River Road. Turn right on Washington Avenue. The entrance to St. Mary's is on the right.

From West of Evansville:

Take Highway 66 (Lloyd Expressway) east to the Vann Avenue exit. Turn right onto Vann Avenue. Go south to Washington Avenue. Turn left and head east on Washington Ave. The entrance to St. Mary's is on the left.

Program in Review*

7:00- 8:00 a.m.	Registration	
8:00 a.m.	Opening remarks and instructions	General Chairman
8:15- 9:15 a.m.	<p>“The Complicated First Trimester Gestation”</p> <p>This presentation will focus on conditions that can complicate a first trimester pregnancy. Details include anatomy of the gravid uterus, relational anatomy of the gestation and indications for a sonographic examination. Pathologic conditions such as subchorionic hemorrhage, blighted ovum, types of spontaneous abortions and ectopic pregnancy will be discussed.</p>	<p>Claudine Fairchild, MS, RT (R)(M),ARDMS</p> <p>Program Director, Diagnostic Medical Sonography Program University of Southern Indiana Evansville, IN</p>
9:30- 10:30	<p>“PACS and its conversion to Medical Imaging Informatics “</p> <p>Welcome to the Star Ship PACS: Enterprise PACS is an evolutionary creature that seeks to develop upon a multi-species level. Gone are the early days where PACS was merely a digital image repository and viewing system. Today PACS has already reorganized into Medical Imaging Informatics, and has cemented it’s presence as a mission critical standard in health care. Enterprise PACS is the evolution of seamless integration of not only multi-modalities but multi-specialties across the health network. In this lecture the expanding trends of PACS will be introduced with new emerging concepts on the future of Medical Imaging Informatics and the boundless possibilities that await.</p>	<p>Tony Goodwin, PhD, RT(R)</p> <p>Imaging Informatics Specialist-PACS St. Mary’s Medical Center Evansville, IN</p>
10:45- 11:45	<p>“Proton Therapy: Clinical use and basic physics”</p> <p>Proton therapy is an innovative modality to treat cancer cells. At Indiana University Health Proton Therapy Center, we treat a variety of cancerous and</p>	<p>Matt Hines , RT(T) & Traci Conley, RT(T) Radiation Therapist II Indiana University Health Proton Therapy Center Bloomington, IN</p>

benign tumors. We will discuss basic terms, explain how protons are made and delivered, discuss the advantages using protons vs. photons, and briefly describe a case study. After the presentation I will answer any questions that might be had.

12 noon- 1:00 pm

Lunch on your own

1:15- 2:15 p.m.

“MRI and the analysis of a burn”

Joy Cook, MS, RT (R)(CT)(MR)

MRI exams when performed by properly trained individuals and following MRI safety guidelines are safe. This lecture brings awareness of the possibility of thermal injuries occurring during MRI exams, including how it can happen and what can be done to try to prevent it. Case presentations on previous thermal injuries and federal reporting mechanisms will be presented.

Assistant Professor & Clinical Coordinator,
Radiologic Technology Program
University of Southern Indiana
Evansville, IN

2:30- 3:30

“Computed Radiography & Digital Imaging for the Practicing Technologist”

Heather Schmuck, BS, RT(R)

Did you ever process an image only to have it appear on the screen and leave you scratching your head wondering what went wrong? This lecture gives an overview of the transition from traditional analog imaging into the world of digital imaging and some of the basic concepts of image formation in the digital world with a focus on computed radiography. Certain terms and acronyms applicable with this technology will be defined and reviewed. It will also discuss ways to improve your image quality by applying different concepts of practice and relate the impact that these techniques have on the final image.

Instructor, Radiologic Technology Program
University of Southern Indiana
Evansville, IN



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