



Illinois State Society of Radiologic Technologists
86th ISSRT Annual Conference
April 8-10, 2021

Thursday – April 8, 2021

Time <i>(all times are Central)</i>	Title
3:30 - 4:45pm	ISSRT Business Meeting
4:45 - 5:00pm	President's Welcome Address
5:00 – 6:00pm	Dr. Paul Larson - <i>ARRT 101</i>
6:15 - 7:15pm	Patti Holvey – <i>Babbling Brainstorm to Professional Portfolio</i>
7:30 - 8:30pm	Dr. Stewart Bushong - <i>To Shield or Not to Shield, That is the Question</i>

Friday – April 9, 2021

Time <i>(all times are Central)</i>	Title
9:00 - 10:00am	Jerry Fox - <i>Radiation Protection for Radiography Professionals</i>
10:15 - 11:15am	Patrick Murphy - <i>Radiology and the Transgender Patient</i>
11:30am - 12:30pm	Sandi Watts & Brandon Hirsch - <i>Patient Care in Radiologic Science & Current Issues</i>
Break	
1:00 - 2:00pm	Dr. Evan Cohn - <i>When the Doctor Becomes the Patient</i>
2:15 - 3:15pm	Cathie Kukec - <i>The Importance of Professional Societies</i>
3:30 – 4:30pm	To be announced

Saturday – April 10, 2021

Time <i>(all times are Central)</i>	Title
9:00 - 10:00am	Dr. Jonathan Tresley - <i>Quality in Radiology: It Takes a Village</i>
10:15 - 11:15am	Dr. Paul Larson - <i>ARRT Continuing Qualifications Requirements</i>
11:30am - 12:30pm	Jennifer Walker - <i>CT/MRI Pathology</i>



Illinois State Society of Radiologic Technologists
86th Annual ISSRT Conference
April 8-10, 2021

ARRT 101 - Dr. Paul Larson

This presentation describes the basic functions of the American Registry of Radiologic Technologists (ARRT) beginning with its Mission and Equation for Excellence. It reviews ARRT's Guiding Documents and discusses the ARRT examination process in detail with emphasis on the Radiography Examination. Primary and post-primary eligibility pathways are reviewed. Post-certification requirements are discussed, including annual renewal, Continuing Education (CE) requirements, and Continuing Qualifications Requirements (CQR).

Babbling Brainstorm to Professional Portfolio - Patti Holvey

With many applicants competing for Radiologic Technologist employment it is essential to accurately represent oneself. This presentation will dive into what professional portfolios are all about, and tips to help you create yours. Learn how to make a lasting impression to your interviewers by creating a professional portfolio.

To Shield or Not to Shield, That is the Question - Dr. Stewart Bushong

In early 2019 several publications appeared proposing that specific area shielding, especially gonadal shielding, should be abandoned. Such a proposal was presented to the Board of Directors of my principal scientific and professional society, the American Association of Physicists in Medicine (AAPM).

A similar proposal was presented to the American College of Radiology (ACR) and they likewise approved it. This all happened within six months and there was no opportunity for objection from beyond the authors of the proposal and the respective BODs.

It was suggested that the use of such shielding "may jeopardize the benefits of imaging" and "can actually result in an increase in the patient's radiation dose".

This presentation will review the science reported in the proposal and the science that was not reported. I was particularly concerned with "shielding can negatively affect automatic exposure control and image quality".

This subject is particularly critical to education programs and curricula in radiologic technology and to the daily practice of radiologic technologists. The audience will be the judge of what should be our position on specific area shielding.

Radiation Protection for Radiography Professionals - Jerry Fox

Radiation protection for radiography professionals offers suggestions on how technologists can lower radiation exposure to themselves and the patients they serve. The presentation also describes the long term effects of radiation to radiography professionals.

Radiology and the Transgender Patient - Patrick Murphy

The presentation will introduce you to the transgender patient. It will present ways to communicate, screen the patient and treat the patient with the best patient care possible. It will give you insight into real LGTB patient and how they see healthcare/patient care in today's world.

Patient Care in Radiologic Science & Current Issues - Sandi Watts & Brandon Hirsch

Patient care has been an umbrella term for many fundamental aspects in radiologic science, often covering anything that does not fall under radiophysics, radiobiology, anatomy or pathology. This presentation will present a definition of patient care, as well as cover how many fundamentals of radiologic science fit into patient care and safety. Such fundamentals will also be correlated to the ALARA principle and patient doses in diagnostic imaging. Additionally, newly emerging aspects of radiologic science are covered, such as the trend of healthcare facilities ceasing gonadal shielding, transgender patient care considerations and the use of artificial intelligence in radiologic science. Such newly emerging aspects of radiologic science present benefits, risks and ethical issues that must be considered, not only by practitioners, but also by educators.

When the Doctor Becomes the Patient - Dr. Evan Cohn

Dr. Evan Cohn is a retired radiologist following a 17 year career practicing in Dallas, Texas. Dr. Cohn's presentation will discuss an unexpected illness he suffered in 2015 while on vacation with his wife. He will describe how he and his family coped with this life-changing medical emergency and his continued recovery. He will also discuss things that have helped him in his journey and describe his experience being a patient.

The Importance of Professional Societies - Cathie Kukec

What's in it for me? This question is frequently asked by people when they are approached to volunteer their time, their expertise. The answer is a lot! See how volunteering can enrich your life and the lives of those you interact with.

Quality in Radiology: It Takes a Village - Dr. Jonathan Tresley

The goal of every radiologist is to make the correct diagnosis and to avoid patient harm. The first necessary component to achieve that goal is high quality imaging. Subsequently, it is the radiologist's responsibility to detect and accurately interpret the images provided. Reducing radiology errors is contingent upon high quality imaging. High quality imaging is multifactorial, depending on following set protocols, ensuring proper patient positioning and technique, communicating relevant history and pertinent cursory physical examination findings to the interpreting radiologist, and remaining flexible to alter a portion of the exam if necessary to elucidate key findings.

ARRT Continuing Qualifications Requirements - Dr. Paul Larson

This presentation reviews the development and implementation of the ARRT Continuing Qualifications Requirements (CQR). It discusses the details of the CQR process including resources available to help the technologist navigate the process. Results from the first cohort of technologists who need to complete CQR during 2021 will be presented. Recent changes to the Continuing Education (CE) prescription component of CQR and the impact of those changes on technologists going through CQR will be discussed.

This presentation is especially relevant to technologists who have achieved one or more ARRT certifications since 2011, imaging sciences students who anticipate seeking ARRT certification, and employers/supervisors of certified technologists.

CT/MRI Pathology - Jennifer Walker

CT and MRI are useful tools in radiology to help make patient diagnoses. This presentation will discuss the importance of these valuable tools. The presenter will discuss the description of the pathology, patient signs and symptoms, images of the pathology characteristics, and treatment options. The discussion will also enlighten students and technologists on how to distinguish the pathologies as they are scanning in these two modalities. Additionally, several questions will be given to test your knowledge on what you have learned.