

Summary of Seminars

- 1. PASS IT THE FIRST TIME: Preparing for the Radiography Certification Exam"** Assessing the content of the certification exam and one's own strengths and weaknesses are keys to a successful outcome. This presentation will lead students and educators through the process of test preparation, knowledge of test content, and how to manage the test-taking experience. You DO NOT Want to miss this if you are taking the registry in the next year! – **William (Bill) J. Callaway, M.A., R.T. (R) – Author, Speaker**
- 2. A Day in the Life of a Portable X-ray Machine:** Portable X-ray machines have been used since before WWI. During this time, the portable x-ray machine became very portable. A machine that looked very antiquated is now a very sophisticated machine. With the addition of digital radiography and a monitor added to the portable machine, portable exams run much smoother and quicker. We will look at the places they have gone, and the positions they can get themselves into today. This is a great session to find out if this line of work is for you! The freedom of wheels..... **Sandi Watts, MHA, RT(R) – ISSRT Vice President & Conference Co-Chair**
- 3. Imaging in West Central Africa: Hope and Health through Sonography:** In much of Africa, diagnostic imaging in patient care is limited. Lack of adequate health care facilities, personnel and diagnostic tools remain a major barrier to health-care delivery. This presentation will describe the setup and reality of imaging with limited resources in West Central Africa. Show the hardships associated with providing care in a third world country. Identify the common underlying restrictions and barriers for patients to be seen. Compare challenges in imaging in the US vs Togo, Africa and discuss possible solutions. We will discuss the personal health ramifications of traveling abroad and providing care to very sick people, and coping strategies of the medical missionary. This session will go into case studies of pathology not commonly seen in the US and illustrate the cultural differences and boundaries of medical missionaries. This session hopes to inspire and prepare the Radiology Technologist to serve others beyond their own borders. **Kelley McDonald, MS, RT(R)(RDMS) – Practice Coordinator**
- 4. Interview and Resume Tips:** This will cover all the important aspects of what hospital managers are looking for when it comes to resumes and interviews. The world is changing, and your resume should too. We will discuss things such as format, content, and overall appearance of the resume. There are few tips and tricks you may not know; we are here to help. The resume is not the end all, be all when it comes to seeking out a career choice, most of the time it is decided by an interview. We will discuss all aspects of the interview and tell you what the interviewer is really asking. You will be well on our way to knowing how to put your best foot forward on the path to a career. Seminar comes with handouts and examples. – **Craig Johnson and Lisa Stevens from OSFHealthcare**

5. **Mummies Unwrapped – Imaging the Past to find answers to the future**
Journey into the past through **imaging** and learn the process in which people of different cultures were mummified. See what research teams have uncovered by their in-depth look into these remains and learn how **diagnostic imaging** changes how we study mummies. **Noninvasive imaging** has allowed us to go under the wrappings and uncover secrets never before seen. Learn how **diagnostic paleontology** is contributing to the study of disease in the modern world. Find out what new revelations have come about because of the **imaging factor**. Many images and stories throughout this presentation demonstrate the unique use of **radiographers** and their different **imaging modalities**. Teams of doctors, researchers, anthropologist and **radiographers**, travel the world in search of ancient secrets, ancient disease and possible present day cures. A segment will also spot light my own 30 day imaging research trip to Peru where I imaged the Chachapoya mummies and remains, and created a digital data base of the research. Join me in understanding how ancient remains are leading to modern day medical advancements as we travel to the past in *Mummies Unwrapped*. **Julie Ostrowski, BSHS, RT(R)(CT) – ISSRT Chairman of the Board & Conference Chair**

6. **Radiology in South America:** Reaching out to foreign countries to assist in providing quality patient care is a vital and rewarding experience. We can volunteer our time to share knowledge with those radiographers in South America who have not had the opportunity for formal training. In cooperation with PAHO, volunteers visited several countries to review and present seminars concerning Quality Assurance, Quality Control, Leadership Skills, and Image Critique. Participant in these presentations were working radiographers, radiologists, and medical physicists in Guyana, Suriname and Trinidad. These seminars left the participants with a better understanding of life-long learning and the need for radiation protection. **Mimi L. Polczynski, M.S.Ed., RT(R)(M)(CT) – Radiology Program Director**

7. **AND YOU THOUGHT PHYSICS HAD TO BE BORING!** Though student radiographers and technologists use these principles and equipment every day, it is one of the least favorite topics they had to learn. This fun and lively presentation changes that with a review of the physics and equipment of x-ray production in ways they will never forget. This is a great review for the Registry exam! LAUGH ALL THE WAY TO THE REGISTRY!!!! – **William (Bill) J. Callaway, M.A., R.T. (R) – Author, Speaker**

8. **PROJECT SAFETY: A look at Radiation Safety Outside of the X-ray Room:**
From the first x-ray in 1895 and the discovery of radioactivity in 1898, radiation has both fascinated and frightened the world. It has been used to heal; it has been used to harm. It has created professions and it has changed both industry and history. From those earliest discoveries and the multitude of events that followed, the art and science of radiation protection was born. While many believe radiation protection is just a practice in the medical field, most don't realize that there are other professions that utilize those same protection principles. Health physicists, radiation specialists, and first responders strive every day to protect the public from the harmful effects of radiation, just as the radiological technologist, radiologist, and medical physicist do for their patients. As the world's knowledge of radiation grew, so did the uses of radiation; both good and bad. It is when radiation is used illicitly, or when a good plan goes bad, that the medical and first responder's worlds collide, and why both sides should be prepared. **Kaci Studer, RT(R) – Homeland Security**

9. **Are You Sure You Want to Say It That Way:** Accuracy in representing educational programs to the public is an accreditation and governmental requirement. The primary avenue for providing information is the program website and online student handbook / policy manual. This presentation draws on the speaker's 34 years of experience as a program director and builds on his research of over 700 radiography program websites and student handbooks. It includes suggestions for a clear and accurate mission statement that reflects the real purpose of the program. Examples are provided of website and program policy inaccuracies / misrepresentations and provides suggested clarifications to promote the program clearly and accurately. **William (Bill) J. Callaway, M.A., R.T. (R) – Author, Speaker**

10. **RAPID FIRE: PROFESSIONAL PANEL:** This will be an open forum for RT, Educators and **Students** to ask the professionals. We will have a **variety** of professionals ready to answer your questions. We will have clinical scenarios and educational scenarios that reflect real world issues you face in the healthcare field– There will be built in time questions after each segment. This is always a crowd pleaser, come spend time with some of the brightest and best in the profession. Don't forget to bring your questions! - **Varied Speakers and Professionals on Panel. Facilitated by Julie Ostrowski, BSHS, RT(R)(CT) – ISSRT Chairman of the Board & Conference Chair**

11. **EDUCATORS MEETNG:** Changes are occurring, the radiographer needs to be in the know when it comes to their credentialing and certification. The ARRT has unveiled its CQR requirements, we will tackle this head on and discuss everything you need to be successful: This 1 hour Educators Meeting will also touch on RSNA hot topics such as cybersecurity and gender diversity. This meeting will be led by our ISSRT Educator Liaison Team and be attended by many educators around the state with a variety of experience levels. Come discuss and learn vital information on the changes that affect programs and RT professionals. **Facilitators will be the ISSRT educator Liaison team Sandi Watts & Sharon Elwood**

12. **Coroner 101 and Virtopsy:** The Coroner's office is one office in county government that most people have a general idea about, but lack the full knowledge of the daily operations, 24-7-7 days a week. This presentation is designed to offer the following: working knowledge of the coroner's office; an intimate discussion about manner and cause of death and how X-rays help determine this; insight to the local and national trends in causes of death; the overall importance of x-ray on particular cases. Images and cases throughout, and a brief look into virtopsy. **Jamie Harwood, BSN, RN, CFN – Peoria County Coroner**

STUDENTS: DON'T FORGET TO PLAY THE **IMEDIA SCAVENGER HUNT**

And Go by the **Silent Auction** – Top bid wins the treasure!

Hawaiian Luau PARTY WEDNESDAY NIGHT 6-9 – Ballroom. Come dressed up and have fun.

Visit all of your **Vendors** for a chance to win!

Purchase your **50/50 tickets**, and your **Skeleton Quilt raffle** tickets before it is too late!

And the ALL NEW Scholar bowl!