The Radiographer

A publication of the Missouri Society of Radiologic Technologists

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The Missouri Society of Radiologic Technologists (MoSRT) was founded in 1931, chartered as a professional and scientific society dedicated to education, communication, and patient care.

As a non-profit corporation, the Missouri Society of Radiologic Technologists Inc. is a chartered affiliate of the American Society of Radiologic Technologists.

The MoSRT is nonsectarian, nonpartisan, and noncommercial and adheres to a policy of nondiscrimination regarding nationality, race, color, creed, or age.

From the President



Hello fellow MoSRT members, imaging professionals, students, and friends.

Thank you for allowing me the opportunity to serve as your MoSRT President for the 2020–2021 term. I am very excited to start this journey and hope to continue the professional growth of the society. If you are not a current MoSRT member, I highly encourage you to join. As a technologist, some of the perks of having a membership include but are not limited to: networking with other imaging professionals across the state, obtaining continuing education credits, and staying

up-to-date on current professional changes. As a student, I encourage you to continue your membership after graduation to also enjoy these perks. We are always looking for new faces to serve on the Board of Directors. If you are interested in serving in this capacity, please don't hesitate to contact me or any of the Board of Directors.

In addition to increasing the society's membership, I would also like to see the passing of our current Licensure bill. I encourage each and every one of you to keep contacting your legislators to enhance this process. If you need help or information in determining who your legislator is or how to contact them, or specific information on events, such as RT in JC, please keep an eye out on our society website mosrt.org.

I want each and every one of you to know that the MoSRT Board of Directors is working hard to provide the best opportunity to get a virtual meeting with some CEUs included for its members. We also will be providing any bylaw changes and the current budget for you to review and vote on as members. As soon as the details are set, we will provide you with the updated information.

Thank you again for allowing me to serve as the President of the MoSRT and I am looking forward to an exciting year! If you ever have any questions, please reach out to any of our Board of Directors. A list of these individuals is available on our website under the "About Us" tab, then go to "Board of Directors". Stay safe and well, and please know that we are here to serve you as imaging professionals.

Thanks again, Brandi Grindel MEd RT (R) MoSRT President Student Quiz Bowl Co-Chair

From the Student Intern



Hello everyone! My name is Jennifer Roach, and I attend Cox College school of Radiologic Technology. I was born and raised in Kansas, where I later attended and graduated from a cosmetology school. I now live in Nixa, Missouri, and have lived here for the last four years. During my time as a cosmetologist, I have loved making others feel beautiful about themselves but I knew there was more that I could offer. I have always wanted to work in the medical industry and wanted to take the experience I had as a cosmetologist and bring the best patient care to the patients I come in contact with, even if it is only for a short time. Radiology offers me extensive opportunities for professional growth and the chance to make a difference in the lives of others. I plan to support my profession and MoSRT by investing my time, assisting where needed, serving on a committee, and helping to raise awareness of the current legislative movements. It is an honor to be selected as the student intern and I look forward to learning more about MoSRT.

Announcements!

The MoSRT began monitoring the COVID-19 (coronavirus) situation once it became clear that travel restrictions were being placed. Many colleges and healthcare facilities also placed travel bans on employees and students to help protect their staff. This of course caused logistical challenges for the Society. The Board of Directors made the difficult decision to cancel the Annual MoSRT Conference due to the CDC recommendations for the COVID-19 virus. The health and safety of our members is our number one priority which we were able to do by limiting potential exposure and helping prevent the spread of this virus in large group settings.

Radiologic Technologists and Radiography students who attend our conference are on the front lines, in clinics and hospitals, caring for those who are most vulnerable to COVID-19. This decision truly was in the best interest of the citizens of Missouri, and the MoSRT to cancel our annual conference this year.

The MoSRT, Board of Directors, would like to celebrate those of you who go above and beyond and deserve recognition for the work you do. Please visit our website, <u>mosrt.net</u>, or Facebook page (Missouri Society of Radiologic Technologists to let us know who you think deserves recognition! You may see your story published in an upcoming issue of "The Radiographer," as well as our website, and Facebook page.

The ASRT will host a virtual special meeting of the House of Delegates on Saturday, June 27. If you have never attended a House of Delegates meeting, this is an opportunity you will not want to miss. Click <u>HERE</u> for more information.

Legislative Update



Regarding activity in Jefferson City for the medical imaging profession, let me remind you that SB 275 passed last session (2019) which included an amendment that created a task force charged with developing language for our next bill. Representative Kathy Swan and Senator Jeannie Riddle were appointed to sit on the task force. There are representatives from most of the organizations who, in the past, have been opposed to our efforts. More information to follow.

RT in JC was held on Tuesday February 11, 2020, in HR 2 (hearing room). Attendance was sparse but we had several Missouri schools who brought their students. I cannot thank you enough for bringing your students and introducing them to advocacy. It means a great deal to the legislators to have their constituents there to speak to them in person about what is important to them. I am going to ask each of you to begin planning now for the next RT in JC. Let us make this one our biggest and best one yet. It will probably be in February 2021 so begin now by looking at the dates and let me know what will work best for you. I usually schedule this early after the new year so we can get the date/time we want. Check out your calendars! Thank you so much. (assuming we can have large gatherings again!)

Where are we now? During the 2020 legislative session, the report from the task force mentioned above was attached to SB 508 as an amendment. However, with the

shortened legislative session due to COVID 19, we lost six weeks of session. I am sure you realize the legislative session only runs from January till May, taking out six weeks of activity hampered our efforts. The legislation had to constitutionally concentrate on getting the budget completed. Therefore, we did not have a successful session and the bill died in committee.

What does all this mean? We will begin the 2021 legislative session where we ended this year, we can move forward with the task force report, and will not need to repeat that portion. I do not want to mislead you; there are still organizations that do not think licensing a medical field is in the best interest of everyone. But we have hammered out a lot of the opposition and have been able to come to an agreement. There are still a couple of groups who did not participate in these discussions, at their choice, but will still oppose us, nonetheless. Representative Kathy Swan has reached term limits for the House and will be running for Senate. It is my understanding she will still sponsor us in the Senate. If Representative Swan is in your district, Cape Girardeau area, please support her run for Senate. She is awesome and has been a wonderful sponsor.

Now, what can you do? We will begin working on the next bill soon. I will let you know once we have a bill number so you can then contact your legislators to ask for their support. Ask your legislators if they have questions/concerns regarding the concept of the bill. Many legislators feel with a state license, we will be limiting access to the Radiology field. Please express to them this will in no way limit the field just as in other licensed fields but will assure Missouri patients of educationally prepared and clinically competent individuals will be providing Radiology services. Get to know what our purpose is and follow up with them with answers. We need to provide answers to the legislators as to why this is important. Proper radiation exposure and protection is important, even if our profession changes the guidelines. Then education on

collimation and exposure parameters becomes even more relevant. As always, let me know if I may help you in some manner. Healthcare is important to everyone.

Stay tuned! I will share information as it becomes available. Thank you for sticking with the MoSRT, our patients are worth our efforts to assure them we always have their best interest in mind.

'Education before exposure'.

Respectfully,
Diane Hutton BA RT(R) ARRT
Legislative Activities Chair
Diane.hutton@mosrt.org

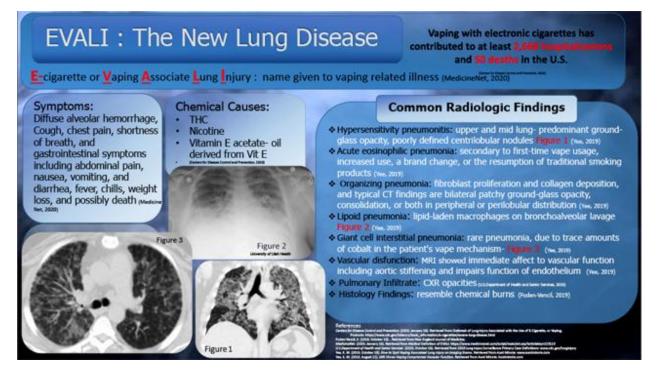
2020 Conference Update

While the Annual Conference was canceled, we still had a lot of great submissions for our competitions. Check out the winners below!

Scientific Display Winners (Technologists)

1st Place: Janet Akers-Montgomery, Jefferson College

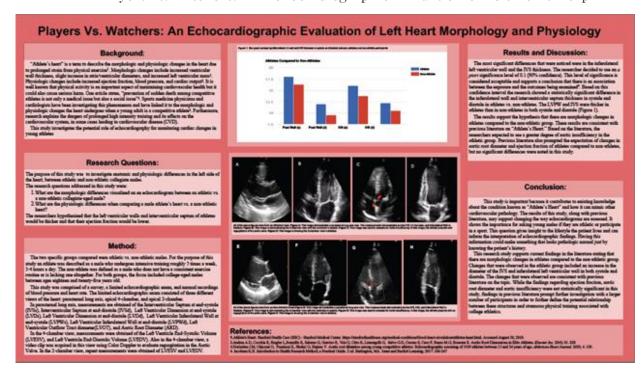
"EVALI: The New Lung Disease"



Scientific Display Winners (Students)

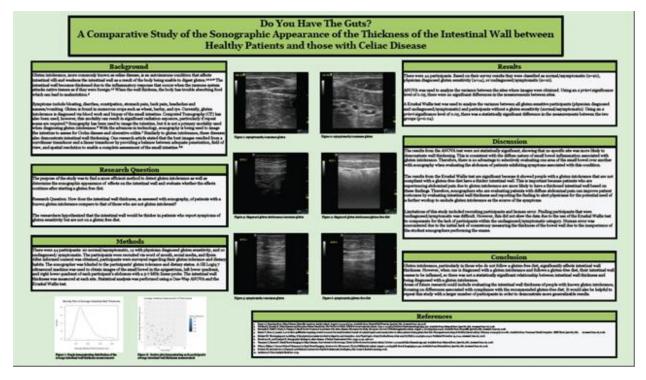
ıst Place: Danielle Campbell, University of Missouri

"Players Vs. Watchers: An Echocardiographic Evaluation of Left Heart Morph"



2nd Place: Laura Huddleston, University of Missouri

"Do You Have the Guts? A Comparative Study of the Sonographic Appearance of the Thickness of the Intestinal Wall between Healthy Patients and those with Celiac Disease"



3rd Place: Whitney Evans, Rolla Technical Center

"Cardiac Catheterization"

CARDIAC CATHETERIZATION

CARDIAC CATHETERIZATION IS: terization Lab (Image #1 and #2) is where procedures are performed using a "C-Arm" to gu in and perform procedures to care for the heart. In a Cath Lab an RT would assist a cardiolo occidures to treat the heart using flooroscopy to view the heart and surrounding blood vess



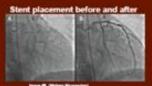
TECHNIQUES

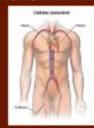
In a Cath Lab, cardiac catheterization procedures are performed often. Techniques such as: Sones Technique (brachial approach) and hothins Technique AKA the Seldinger Technique (femoral approach) are used to

PREPPING THE PATIENT must fast for 6-8 hours before the procedure and the use of any anticoagulant, antiplatelet, or any oth

PROCEDURES

ree most commonly used techniques to access the heart are through moral (Image 44), carolid (Image #3), radial or brachial arteries. 03011 | Contrast media is used along with fluoro to guide the er to the blockage. Once the catheter is placed, the balloon is d to open the blocked artery. During an angioplasty a stent is placed a coronary artery to expand the constricted artery. After the artery anded the stent is placed to prevent the artery from closing or





INDICATIONS

most common procedure performed in a Cath Lab is for coronary artery axe. (INL VISMI 1) Coronary artery disease develops when cholesterol and y deposits build up and restrict the blood flow to the heart, sometimes sing a heart attack. An angioplasty would be performed in the Cath Lab to a an artery using a balloon or stent.

CONTRAINDICATIONS

ndications that would prevent a patient from havin nic Heart Failure, infection, fever, uncontrolled arr

COMPLICATIONS/SIDE EFFECTS

Scientific Essay Winners (Technologists)

1st Place: Janet Akers-Montgomery, Jefferson College

"EAVLI: E-cigarette or Vaping Associate Lung Injury"



2nd Place: Don Hessel, Research Medical Center

"Improving Patient Satisfaction Scores in the Imaging Department"



3rd Place: Mark Reynolds, Research Medical Center

"Determining the Effectiveness of the Online Web Tools, Kahoot and Quizlet, on Knowledge Retention and Confidence in Learning in Neuroanatomy"



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Scientific Essay Winners (Students)

1st Place: Katie Jones, St. Lukes School of Radiologic Technology "Medical Imaging and Three Dimensional Printing"



2nd Place: Carly Spooner, Research Medical Center"Radiation Immunity in Tardigrades and the Future Use for Humans"



3rd Place: Delanie Uehlin, Hillyard Technical Center "Radiographic Scientific Study of Biological Criminology"



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Scholarship Winners (Students)

Robert A. Feldhaus Award: Taylor E Gray, Cox College



Henry .Y Cashion Award: Carter R. Ball, Missouri Southern State University



Stephanie A. Whisler Award: Maggie E Figler, Jefferson College



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Scholarship Winners (Technologist)

Coretta A. Schroer Winner: Daniel Edwards, Cox College



MoSRT Fellow 2020 Kristi Littleton



The Missouri Society of Radiologic Technologists implemented the honorary category of Fellow, Missouri Society of Radiologic Technologists (FMoSRT) with the first class elevated in 2015. The application, requirements, and other details are loosely based on the ASRT Fellow application, and may be found on the MoSRT website. Congrats, Kristi!

General Housekeeping

- Please Note: Due to the cancellation of the annual conference, there was no Student Bowl, therefore no Student Bowl Winners. Also, there were no Outstanding Technologist or Life Member Awards given this year.
- The membership vote on the Bylaw revisions will be postponed until next year's annual conference.
- If you are interested in submitting a Scientific Essay, Display, or Scholarship entry for 2021, please monitor mosrt.org or our Facebook group (Missouri Society of Radiologic Technologists) for an announcement regarding those timelines.
- Are you interested in volunteering on behalf of your profession? The MoSRT Board of
 Directors wants you to get involved! We're always recruiting newcomers to expand the
 representation of the Radiology field. Please click HERE to be taken to our
 Volunteer Application, and someone from our Board of Directors will contact
 you shortly.
- Special shoutout goes to Casey Feigly for her work on putting together a special #alonetogether video that includes many of the MoSRT Board members. Click HERE to view it.
- Recently the MoSRT Board of Directors put out a call for names and stories about technologists who have gone above and beyond in our profession. For those who have submitted something, thank you. For those that have not, what are you waiting for? Click HERE to submit someone you wish to acknowledge!

The Missouri Society of Radiologic Technologists Board of Directors 2020-2021

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Thank You

As you may or may not be aware, the MoSRT's previous Publications Chair Jessica Dines, informed the Board of Directors that she would no longer be able to continue publishing The Radiographer at the conclusion of the 2020 Conference. The Board thanks her for all of her hard work over these past several years and wishes her nothing but the best in her future endeavors.

I, William "Joe" Oller, have volunteered to take on the duties of the Publications Chair, and only hope that I can fill the shoes of the individuals that came before me. I have a few ideas for sections that I hope to start implementing in the future. If there are items that you would like to see more or less of, please let me know by emailing me at webmaster@mosrt.org.



Thank you for taking the time to read Volume 79, Issue 1 of The Radiographer. Our next issue is expected to be published this fall/winter.