

## KSRT RADIOGRAPH COMPETITION

The radiograph competition awards are open to members of the KSRT, students or technologists. The following rules govern the competition.

**Essays, Images and Scientific Exhibit entry forms are due by February 15<sup>th</sup>, 2022.**

### Categories for the 2022 Annual Convention

- General: Lateral Knee, Scapular Y-View Shoulder, Swimmers T-spine
- Contrast: RAO Esophagus

### ELIGIBILITY

- Any student radiologic technologist or radiologic technologist who is a member in good standing of the KSRT is eligible to compete. A copy of the KSRT membership card must accompany the application form.

**\*Members of the Radiograph Competition Committee, the Chair or members of the Professional Development Committee and the Judge Assistants are not eligible to compete.**

### IMAGE ELIGIBILITY

1. Only one radiograph per person per category is allowed.
2. No tomographic radiographs will be accepted.
3. Images must be in electronic form such as USB drive, CD, or e-mailed.
4. Any identifying name or marker **MUST** be masked. This includes patient name, technologist name, and/or initials, and the name of the institution.
5. Right or Left markers must be clearly visible.
6. All images must be actual patients and ordered by a physician.
7. All radiographs must be taken following the close of the prior annual meeting and **before** the deadline.
8. All films must be submitted to the Professional Development Chairman and postmarked on or before the deadline date. Any radiograph postmarked after this date will be disqualified from the competition.
9. A copy of the application form provided on the KSRT website, [www.ksrad.org](http://www.ksrad.org), must accompany each entry.
10. A copy of the KSRT membership card must accompany the application form.

### HOW TO COVER INITIALS

Films must have student initials on markers removed due to judging purposes. Save the radiographs into a JPEG format. Once it is in a JPEG format you can open the image in Paint. Proceed to black out over the initials using the paintbrush.

### MOST INTERESTING CASE

Any imaging modality can be used to:

1. Demonstrate a rare disease or fracture
2. Demonstrate a common disease or fracture
3. Normal variants

#### 4. Any other unusual findings

Each applicant must submit a **typed synopsis** detailing the following:

- Patient history
- Diagnostic finding
- Related imaging procedures
- Justification as to why the case should be awarded the most interesting case title

#### JUDGING OF CONVENTIONAL RADIOGRAPHS

- Three judges will be selected by the Professional Development Committee. It is suggested that two of the judges be radiologic technologists and the third a radiologist.
- Judges will award each radiograph points according to the given scales and without knowledge of scores given by the other judges. All scores will be given to the Radiograph Competition Committee. The decision of the judges will be final. There will be one winner per category---no ties.
- There will be a total of 100 points possible scored by each judge for each radiograph in the following categories:
  - Technical Excellence (30 points possible) – detail, density, contrast, radiation protection, collimation, clarity of anatomical part to be demonstrated compared to the overlying anatomy.
  - Positioning (60 points possible) – marking, alignment of the patient, centering of the anatomical part, proper demonstration of essential anatomy, evidence that proper positioning was achieved.
  - Imaging Processing Excellence (10 points possible) – special attention to artifacts, condition of processing solutions, anything detrimental to the finished radiograph.

#### JUDGING OF MOST INTERESTING CASE

- Three judges will rank the image(s) from 1-5. The image awarded the most points will be the winner. There will be no ties.

#### DISPLAY OF RADIOGRAPHS

- All qualified radiographs entered into the competition will be displayed to the membership during the course of the annual meeting. If this is not feasible, only the top three films in each division and category, and the recipient of the KSRT Outstanding Radiograph Award will be on display.

#### AWARDS

- A first, second and third place prize will be awarded.
- An outstanding radiograph award is given to the highest scoring radiograph in the competition.
- Awards will be presented at the Presidential Banquet during the annual meeting on April 1st.
- You must be in attendance at convention and awards ceremony to accept award.

**RADIOGRAPH COMPETITION  
APPLICATION**

A copy of the KSRT membership card **MUST** accompany this application.

Film Category \_\_\_\_\_

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

I am an \_\_\_\_\_ RT \_\_\_\_\_ Student (please check & provide employment or school information below)

School \_\_\_\_\_

Place of Employment \_\_\_\_\_

Home Phone \_\_\_\_\_ Work Phone \_\_\_\_\_

**A completed application, a copy of the KSRT membership card & films  
MUST be submitted by February 15th, 2022. Please send to:**

**Tara Rohn  
408 E 19th Street  
Hays, KS 67601  
tkmcguire2@gmail.com**

## **KSRT ELECTRONIC SCIENTIFIC EXHIBIT**

The scientific exhibit competition awards are open to members of the KSRT, student or radiologic technologist. The following rules govern the competition.

### ELIGIBILITY

- Any student radiologic technologist or radiologic technologist who is a member in good standing of the KSRT is eligible to compete. A copy of the KSRT membership card must accompany the application form.

### SCIENTIFIC EXHIBIT ELIGIBILITY

- Individuals may only submit one exhibit at the annual conference.
- Radiologic technologists and student radiologic technologist may not submit an exhibit entry together in either of the categories.
- The exhibit must be the original work of the individual and cannot be commercially prepared.
- A copy of the application form provided on the KSRT website, [www.ksrad.org](http://www.ksrad.org), must accompany each entry.
- Individual's name CANNOT be visible on the exhibit.

### SCIENTIFIC EXHIBIT CONTENTS AND MECHANICS

#### 1. Subject Matter

- The subject matter on the exhibit is chosen by the individual.
- The exhibit should speak for itself and not need explanation.
- The subject should be pertinent to the radiologic sciences and may be supplemented by charts, descriptive material, photographs, etc. deemed necessary as long as all the components stay within the allotted space permitted.
- Exhibits should demonstrate originality of subject matter, general interest and value from both practical and educational viewpoints and technical excellence.
- Exhibits should not show images or markings that could identify the patient, institution, or department.
- Exhibits should not contain excessive written descriptions.

#### 2. Requirements of Exhibit

- An exhibit will be submitted as a PowerPoint slide and will be displayed electronically.
- An exhibit is required to utilize PowerPoint stand 4:3 ratio, with a landscape orientation.

#### General

- The purpose of the exhibit is to present your subject matter in a readable viewer-friendly format.
- People of varying degrees of experience may be viewing your presentation, so remember to make your points as complete and brief as possible.
- Successful exhibits achieve both coverage and clarity.

## Format

- Use minimum font size of 18 or 24 point, so the display can be read from a short distance.
- Use a clear, easy-to-read font style.

## Content

- The poster display should have a title and content with commentary examples.
- Materials should convey clearly as statement of the problem, project objectives, methodology, significant outcomes, and conclusions.
- Use the AMA 11th Edition or APA 7th Edition style guide for technical presentations.
- Minimize the narrative. Use short, separate paragraphs.
- Numbered or bulleted lists can be a concise, effective way to convey a series of points.
- Material should be presented in a logical sequence.
- Your final conclusions should leave the observers focused on a concise statement of your important findings.

## Visuals

- An exhibit display is a visual presentation and should include sufficient images.
- Visuals should enhance your display and should include informative captions.
- Consider use of charts, drawing, photographs, and illustrations to add graphic impact.
- Use quality images.
- Keep overall exhibit presentation clean and clear.

## JUDGING

- The Professional Development Committee will select two or three judges who are radiologic technologists for the scientific exhibit competition. The decisions of the judges will be final and will be based on the following criteria:
  - Professional Value—Is the project of interest and practicality to technologists and students?
  - Educational Value- Does the project contain information enabling observation to be an education experience?
  - Originality of the Subject Matter- Does the project illustrate a new idea or present information in a new, innovative style?
  - Technical Quality – Is the material presented in a neat, well organized, and creative manner?

The following points will be awarded for each of the criteria:

Outstanding – 4

Above Average – 3

Average – 2

Below Average – 1

## AWARDS

- A first, second and third place prize will be awarded.
- Top 3 places will be announced during the annual meeting on April 1st.
- You must be in attendance at convention to accept the award.
  
- Exhibits with the top three point values will be awarded first, second and third place respectively. An average of twelve or more points must be achieved to be considered for an award.

### **SCIENTIFIC ELECTRONIC EXHIBIT COMPETITION APPLICATION**

A copy of the KSRT membership card **MUST** accompany this application.

Scientific Exhibit Title \_\_\_\_\_

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

I am an \_\_\_\_\_ RT \_\_\_\_\_ Student (please check & provide employment or school information below)

School \_\_\_\_\_

Place of Employment \_\_\_\_\_

Home Phone \_\_\_\_\_ Work Phone \_\_\_\_\_

**A completed application, a copy of the KSRT membership card and electronic exhibit **MUST** be submitted by February 15th, 2022. Please send to:**

**Tara Rohn**  
408 E 19th Street  
Hays, KS 67601  
[tkmcguire2@gmail.com](mailto:tkmcguire2@gmail.com)

## KSRT ESSAY COMPETITION

KSRT is committed to recognizing excellence in scholarly writing by radiologic technologists and student radiologic technologists. The essay competition is open to members of the KSRT. The following rules govern the competition. **The following essay topics may not be used this year due to being awarded at the previous convention: Radiation & Its Effects from Conception to Adulthood, Thoracic Dual-Energy Subtraction Radiography, and Radiation Discoveries Leading to Changes in Radiation Protection Standards.**

### ELIGIBILITY

- Any student radiologic technologist or radiologic technologist who is a member in good standing of the KSRT is eligible to compete. A copy of the KSRT membership card must accompany the application form.
- Entry deadline for the essay competition is **February 15th, 2022.**

### MANUSCRIPT PREPARATION

Submitted manuscripts must meet the following requirements:

#### General Information

1. The length of the text should not exceed 15 pages including body, bibliography, and appendix if applicable.
2. The original and three copies of the manuscript must be submitted.
3. The manuscript must be bound or enclosed in a folder, protector or cover.

#### Title Page

1. This is a separate page, listing the title of the manuscript, author's name, author's permanent home address and telephone number as well as institution name and telephone number. The title page should be attached to only the original copy.
2. To ensure a blind review, the author's name and any other identifying information must not appear anywhere else in the manuscript.

#### Abstract

1. Generally should not exceed 75 words, the abstract should summarize significant information in the text.
2. This is best written after the paper is complete.

#### References

1. References must follow the APA or MLA style format.
2. All non-original artwork, drawings, and photos should be referenced on an individual page.

### JUDGING

- Three judges will be selected by the Professional Development Committee. One judge must be a registered radiologic technologist and one judge should be an English professor or teacher.
- Manuscripts will be evaluated with the following criteria:
  - Originality, educational/technical value, & scholarship (65%)
    1. Evidence of original work performed by the author.
    2. Evidence of novel, unique or unprecedented approach to topic.

3. Contributes to higher radiological standards.
  4. Updates, expands or enhances existing knowledge.
  5. Mastery of subject matter.
  6. Research of literature.
- Organization of material and mechanics (35%)
1. Is material orderly and presented in a logical sequence?
  2. Are drawings or illustrations used to support or promote understanding of the text?
  3. Does the paper follow manuscript guidelines?
  4. Is the evidence of proper grammar, spelling, and punctuation?

## AWARDS

- A first, second, and third place prize will be awarded.
- Awards will be presented at the Presidential Banquet during the annual meeting on April 1st.
- You must be in attendance at convention and awards ceremony to accept award.

### ESSAY COMPETITION APPLICATION

A copy of the KSRT membership card **MUST** accompany this application.

Essay Title \_\_\_\_\_

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

I am an \_\_\_\_\_ RT \_\_\_\_\_ Student (please check & provide employment or school information below)

School \_\_\_\_\_

Place of Employment \_\_\_\_\_

Home Phone \_\_\_\_\_ Work Phone \_\_\_\_\_

**A completed application, a copy of the KSRT membership card & 3 manuscripts bound in a folder MUST be postmarked by February 15th, 2022. Please send to:**

**Tara Rohn  
408 E 19th Street  
Hays, KS 67601  
tkmcguire2@gmail.com**