

9. A copy of the application form must accompany each entry. (Can be in electronic format)
10. A copy of the KSRT membership card must accompany the application form. (Can be in electronic format)

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 RADIOGRAPHIC IMAGES

- 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 radiographic image points according to the given scales and without knowledge of scores given by the other judges. All scores will be given to the Image 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 image broken down in the following categories:
 - Image Production (30 points possible) – No evidence of mottle, clarity of anatomical part well-demonstrated, free of un-wanted motion, image contrast optimally visualizes soft tissue and bony structures, brightness and penetration are optimal, visualizing soft tissue and bony structures
 - Positioning (60 points possible) – part centered to IR, alignment of the patient, centering of the anatomical part, proper demonstration of essential anatomy, evidence that proper positioning was achieved.
 - Technical (10 points possible) – Collimation and/or radiation protection evident, used radiographic markers (electronic annotation marking avoided), no preventable artifacts are visualized

JUDGING OF SONOGRAPHY

- A radiologic technologist with knowledge and experience in sonography and a radiologist will be the judges of the Ultrasound Technologist Category.

- There will be a total of 100 points possible awarded by each judge in the following categories:
 - Technical Excellence (80 points possible) – detail, contrast/brightness, image artifacts, image quality (consistency of echoes, enhancement).
 - Image Processing Excellence (10 points possible) – special attention to artifacts, resolution, anything detrimental to the finished image.
 - Scanning Excellence (10 possible points) – correct image or view.

JUDGING OF MOST INTERESTING CASE

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

DISPLAY OF IMAGES

- All qualified images entered into the competition will be displayed to the membership during the course of the annual meeting, providing there is ample room at the convention site. If this is not feasible, only the top three images in each division and category, and the recipient of the KSRT Outstanding Image Award will be on display.

AWARDS

- A first, second and third places will be awarded in each category.
- An outstanding image award is given to the highest scoring image in the competition, excluding ultrasound.
- Awards will be presented at the final business session during the annual meeting.

**IMAGE COMPETITION
APPLICATION**

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

Image 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 & electronic image
Must be e-mailed by Feb. 17th, 2012 in an electronic format (preferably jpeg file format)
or post-marked by this date if sent on a disk. Please send to:**

**Christa Weigel
Professional Development Chair
crweigel@fhsu.edu
600 Park St. – CH 130B
Hays, KS 67601**

KSRT SCIENTIFIC EXHIBIT

The scientific exhibit competition awards are open to members of the KSRT in two categories: Radiologic Technologists and Student Radiologic Technologists. The following rules govern the competition.

ELIGIBILITY

- Radiologic Technologist Competition: Any 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.
- Student Radiologic Technologist Competition: Any student 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.
- An exhibit submitted for award consideration can NOT be a repeat entry from a previous KSRT annual convention.
- The exhibit must be the original work of the individual and cannot be commercially prepared.
- Identification markers distinguishing the exhibitor must be visible.
- Applications for space in this category must be submitted to the Professional Development Chair and postmarked at least **45 days** prior to the annual meeting. Any application postmarked after this date will be disqualified from the competition.
- A copy of the application form provided in the Rotating Anode must accompany each entry. In addition, the individual must provide a title, brief description and size of the scientific exhibit at this time.
- A letter of acceptance will be mailed to the applicant(s).

SCIENTIFIC EXHIBIT CONTENTS AND MECHANICS

1. Subject Matter

- The subject matter on the exhibit is chosen by the individual.
- 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. Mechanics

- The exhibit may be freestanding or table top. The exhibit may not be any longer than 6 feet.
- The exhibit must be contained on one side of the space allotted.
- If viewboxes are necessary, the applicant must provide them. The KSRT will not provide viewboxes for this competition.
- Commercially produced programs or copyrighted materials should not be included as part of the exhibit.
- Applicants must provide the materials they will need to setup the exhibit (pins, staples, tape, etc.). Please note that materials such as nails, pins, tape etc. may not be attached to the exhibit hall walls or floor or on the exhibit table. The cost of repair or replacement of any defaced equipment will be charged to the exhibitor.

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

- 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.

ASSEMBLY AND DISMANTLING

- Exhibit space will be assigned by the KSRT Convention Chair in conjunction with the Professional Development Chair.

- All assembly and dismantling of exhibits must be carried out during the time allocated by the KSRT. If an exhibitor fails to remove an exhibit, arrangements for removal will be made by the KSRT at the expense of the exhibitor.
- Each exhibit will be arranged by the respective applicant.

AWARDS

- A first, second and third places will be awarded in the radiologic technologist and student radiologic technologist categories.
- Awards will be presented at the final business session during the annual meeting.

**SCIENTIFIC 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 & a brief description of the scientific exhibit must be post-marked by Feb. 17th, 2012

**Please send to:
Christa Weigel
Professional Development Chair
600 Park St. – CH 130B
Hays, KS 67601**

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 in two categories: Radiologic Technologists and Student Radiologic Technologists. The following rules govern the competition.

ELIGIBILITY

- Radiologic Technologist Competition: Any 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.
- Student Radiologic Technologist competition: Any student 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 **75 days** preceding the date of the annual meeting.

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.

- 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 will be awarded in the radiologic technologist and student radiologic technologist categories.
- Awards will be presented at the final business session during the annual meeting.

**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 Feb 3, 2012. Please send to:

**Christa Weigel
Professional Development Chair
600 Park St. – CH 130B
Hays, KS 67601**

KSRT STUDENT RAY BOWL COMPETITION

The KSRT Student Ray Bowl competition is to encourage student participation, recognition of expertise in academics, and to build a healthy, competitive atmosphere among Kansas Radiography Programs.

ELIGIBILITY

- Participants must be enrolled in a Kansas Radiography Program.
- Participants must be a member in good standing of the KSRT.

APPLICATION

- Each participant is strongly encouraged to submit an application PRIOR to the annual conference with a copy of the KSRT membership card. Students will be allowed to register for the competition at the annual conference. These students must register with the Chair of the Professional Development at the registration table upon arrival. Late applicants must present the KSRT membership card or a copy of it.

COMPETITION

- There will be two (2) rounds of the competition. Participants must report to the designated room at least 15 minutes prior to the time posted in the annual conference program.
- Round One: Consists of a written multiple choice test of 50 questions. This test will contain questions similar to the content specifications suggested by the ARRT. The question content will be as follows:
 - Radiation Protection – 8 questions
 - Equipment Operation and Maintenance – 8 questions
 - Image Production and Evaluation – 13 questions
 - Radiographic Procedures – 14 questions
 - Patient Care and management – 7 questions

*In addition, there will be 10 multiple choice test questions, 2 from each content specification categories above, to be scored only in the event of a tie.

The participants will have 60 minutes to complete the written exam. The exam will start at the posted time in the conference program. Once testing begins, no one will be allowed to enter or leave the testing area. Each participant must put name, school name, and social security number on the test. **Failure to comply will automatically disqualify the participant.**

- Round Two: Consists of a 25 question competition. All teams will be simultaneously asked the same multiple choice question. Each team will write the answer on a slate. Each team will have 15 seconds to complete its written answer. Each correct answer will give the team one point. At the end of 25 questions, the scores will be tallied. If

there is a tie, sudden Roentgen Death will be played for 5 minutes. Following this 5 minute round, scores will again be tallied. Sudden Roentgen Death will continue until there are first, second and third place winners.

OFFICIALS

The officials will be selected by the Chair of the Professional Development committee and will consist of:

- Three moderators for the written exam who will monitor, proctor, and grade the written exam.
- Two judges for round two of the contest will use references, as needed, to determine if answers are correct or incorrect. The decision of the judges is final.
- Two score keepers who will keep track of team scores.
- One moderator who will read the rules before the competition begins, draw and ask questions to the teams, time the 15 second answer time, view answers, and award points for correct answers. The moderator may ask the judges for help in rendering a decision.
- Two sergeants-at-arms who will assure that the audience remain quiet at all times. Any individual stating an answer that a participant may overhear or causing noise that is disruptive will be asked to leave—**there will be no warnings.**

QUESTIONS

- Round One: Questions will be taken from registry review books. Questions will be reviewed by a committee appointed by the Chair of the Professional Development Committee.
- Round Two: Questions will come from submissions by KSRT educators. During this competition, the question will be read twice. After the question is read twice, the multiple choice answers will be read once. The teams then have 15 seconds to write the letter of the answer on their slate.
- If teams question the validity of the judges' or moderator's decision, they will have 10 minutes following the competition to approach the judges.

SCORING

- Round One: One point will be given for each correct answer on the 50 question written examination. The three highest participant scores from each radiography program will advance to the second round.
- Round Two: One point will be given to each team for each correct answer giving during the 25 questions competition. Not responding to a question is considered an incorrect answer. No points will be given (or deducted) for an incorrect answer.

AWARDS

- First, second and third place plaques will be presented to members of the competing teams with the three highest scores in the final round.
- An award will be presented to the highest score on the written exam.
- Awards will be presented at the final business session during the annual meeting.

**RAY BOWL COMPETITION
APPLICATION**

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

Name _____

Address _____

City _____ State _____ Zip _____

School _____

Students are encouraged to submit an application **PRIOR** to the annual conference with a copy of the KSRT membership card. Students will be allowed to register for the competition at the annual conference. These students must be registered with the Chair of the Professional Development at the registration table upon arrival the day of the competition. Late applicants **MUST** present the KSRT membership card or a copy of it.

**A completed application and a copy of the KSRT membership
card postmarked by Feb 17, 2012. Please send to:
Christa Weigel
Professional Development Chair
600 Park St. – CH 130B
Hays, KS 67601**