

Indiana Society *of* Radiologic Technologists



MARY KNISH JANCOSSEK, RT(R), FASRT ESSAY COMPETITION

The Mary Knish Jancosek, RT(R), FASRT, Memorial Award is presented to the 1st place technologist essay winner. In 1937, Mary Knish Jancosek graduated as the first and only student in radiologic technology at St. Catherine's Hospital in East Chicago, Indiana. From that point, Mary established the school of radiologic technology at St. Catherine's and under her supervision; the program became the first accredited school of radiography in Indiana. Mary retired as director in April of 1972.

Mary wrote a total of 10 different papers and articles from 1941 through 1953 at the state and national levels. She won several awards for her papers and succeeded in having six of those papers published in **RADIOLOGIC TECHNOLOGY**.

Mary was chairman or a member of eleven ISRT committees and eight ASRT committees from 1942 to 1968. She was ISRT President in 1943-44 and 1944-45. Mary served as ASRT Secretary/Treasurer for two terms, an ASRT Zone Counselor from 1950 to 1963 and a trustee for the ARRT from February 1967 to December 1968. Mary held Life membership in the ISRT and the ASRT and attained the distinction of ASRT Fellow. Mary was a highly interested technologist in the field of radiologic technology and she believed wholeheartedly in expanding the field in every possible way. Each day she "pulled for today" but unconsciously "pushed for tomorrow."

The ISRT scientific essay competitions will be held prior the 2011 Annual Conference. Technologists and students are invited to participate in these competitions. Applicants must be a member of the ISRT by the designated deadlines.

Individual students or technologists may submit essays. Manuscripts must be postmarked by July 15th of the current calendar year. The winner of each category will receive a cash award of \$150. In addition, \$70 is awarded for second place and \$30 for third.

If you need further information, please contact the ISRT Director of Competitions. The Competition's Director changes annually. The current director's information can be located in the PRINTABLE PDF DIRECTORY found in the Who's Who Section on the ISRT website, www.isort.org.

D. Scientific Essay Competition - Mary Knish Jancosek, RT(R), FASRT Memorial Competition

1. Purpose

- a. The Mary Knish Jancosek, RT(R), FASRT, memorial award is presented to the 1st place technologist essay winner.

In 1937, Mary Knish Jancosek graduated as the first and only student in radiologic technology at St. Catherine's Hospital in East Chicago, Indiana. From that point, Mary established the school of radiologic technology at St. Catherine's and under her supervision, the program became the first accredited school of radiography in Indiana. Mary retired as director in April of 1972.

Mary wrote a total of 10 different papers and articles from 1941 through 1953 at the state and national levels. She won several awards for her papers and succeeded in having 6 of those papers published in RADIOLOGIC TECHNOLOGY. Mary was chairman or a member of 11 ISRT committees and 8 ASRT committees from 1942 to 1968. She was ISRT President in 1943-44 and 1944-45 and was ASRT Secretary/Treasurer for 2 terms. She was also an ASRT Zone Counselor from 1950 to 1963 and a trustee for the ARRT from February 1967 to December 1968.

Mary held Life membership in the ISRT and the ASRT and attained the distinction of ASRT Fellow.

Mary was a highly interested technologist in the field of radiologic technology and she believed wholeheartedly in expanding the field in every possible way. Each day she "pulled for today" but unconsciously "pushed for tomorrow."

- b. The purpose of the scientific essay competition is to educate those who participate, educate those who read the essay, and create new knowledge in the profession of radiologic sciences.

2. Eligibility and Essay Categories

a. Technologist Division

- 1) Must be a current Active, Life or Certified member of the ISRT **at the time of application** and at the time of the Annual Conference.
- 2) The essay must be the original work of one technologist.
- 3) Each technologist may submit only one essay.

b. Student Division

- 1) Must be a current Student member of the ISRT **at the time of application** and at the time of the Annual Conference.
- 2) At the time of application and the time of the Annual Conference, the student must be enrolled in an entry level accredited educational program in Radiography, Ultrasound, Radiation Therapy, or Nuclear Medicine.
- 3) The essay must be the original work of one student.
- 4) Each student may submit only one essay.

3. Ineligible Participants and Essays

- a. Members ineligible to participate on a competitive basis are the ISRT President, essay judges, and Director of Competitions.
- b. The essay may **not** have been published, submitted for publication, or accepted for any competition or publication prior to the Annual Conference for which it is submitted.
- c. Any essayist who does not meet eligibility requirements at the time of the application and at the time of the Annual Conference will be ineligible and will be disqualified.
- d. Any essay that is disqualified will not be judged. There will be no non-competitive essays.

4. Application

- a. Make sure that you have read the most current policies for the competition posted on the ISRT website and that you have the most current application. **The postmarking deadline is July 15.** Application may be made by completing the official application and postmarking

the application, original essay and three (3) unidentified copies of the essay to the Director of Competitions by **July 15**. **It is strongly recommended that all applications and essays be sent via certified mail with return receipt requested. Applications will only be accepted by mail. Faxed applications or applications or applications sent by any other electronic media will not be accepted.** The ISRT Board of Directors will not be responsible for applications and essays not postmarked by the deadline that were not sent via certified mail with a return receipt. Applicants who send applications and essays by certified mail with return receipt are still responsible for following the rules below if they do not receive a letter of acknowledgment.

- b. Applications will only be considered if they are completed on the current, official application and the appropriate number of essays is included. Prior to the postmarking deadline, incomplete applications will be returned to the applicant as soon as possible with an explanation. The ISRT is not responsible for returning an incomplete application in time for the applicant to resubmit the application by the postmarking deadline. If the applicant can complete the application process and resubmit the application by the deadline then the application will be considered. If there is not time for the applicant to complete and resubmit the application and/or meet ISRT membership eligibility requirements by the postmarking deadline, then the application will not be considered.
 - c. The essayist is responsible for assuring that the essay meets the mechanics requirements at the time of application.
 - d. Any application and essay postmarked after the deadline will be returned to the applicant and will be ineligible. The Director of Competitions shall send a letter via certified mail explaining the reason for ineligibility.
 - e. The Director of Competitions shall notify the essayist in writing by certified mail of any other reason for disqualification.
 - f. Upon receipt and acceptance of the complete application form and eligible essay with the appropriate number of copies, a letter of acknowledgment will be sent by the Director of Competitions to the applicant.
 - g. If the essayist has not received notification of receipt of application and essay by August 1, the essayist must contact the Director of Competitions by phone by August 5 to resolve any problem with the application. Absolutely no action on any problem will be considered if the Director of Competitions is not contacted by that date.
 - h. If the postmark is illegible, the Director of Competitions shall use the received date for purposes of documentation.
5. Mechanics of the essay
- a. Essays must be typewritten according to the American Medical Association (AMA) Manual of Style. (See SCIENTIFIC ESSAY COMPETITION AMA FORMAT GUIDELINES.)
 - b. The paper shall not exceed 10 pages in length, not counting the title page, reference pages or illustrations. Each page shall be numbered consecutively. Do not number the title page, abstract, reference pages or illustrations.
 - c. Four (4) copies of the essay must be submitted: one (1) identified copy for the Director of Competitions and three (3) unidentified copies for the judges.
 - d. One copy of the essay shall be identified by a title page. The remaining three copies shall be identified by title only.
 - 1) Student essay: The title page must have the title of the essay, name, author's mailing address and school affiliation of the student essayist.
 - 2) Technologist essay: The title page must have the title of the essay, author's name, author's mailing address and place of employment (if any) of the submitting technologist.
 - e. The reference style shall follow that of the AMA Manual of Style. (See SCIENTIFIC ESSAY COMPETITION SAMPLE REFERENCE GUIDELINES.)
 - f. Illustrations (photographs, charts, graphs, radiographs, slides, etc.) may be included to

promote or support the text. The entry will not be penalized for lack of illustrations if the content of the essay is self explanatory.

- g. Photographs, x-rays, and charts shall not be included in the page count and written material or illustrations may not be contributed or produced by a commercial firm (brochures, pamphlets).
- h. The ISRT encourages the use of generic names rather than brand names.
- i. A complete set of illustrations must accompany **EACH** copy of the essay if used.
- j. Names of patients may not be identified in the essay or illustrations.
- k. Illustrations may not be larger than 8 1/2" x 11".
- l. Illustrations must be numbered, labeled, and incorporated into the text or fastened to the essay as a group at the end. Graphs and charts may not be submitted on slides.
- m. The author may not include any information in the essay which could identify the author, the author's educational program, the author's clinical education site and/or the author's work affiliation.
- n. Essays must meet the published guidelines in order to be eligible for competition.

6. Procedures and Judging

- a. These rules will be followed without exception. It is the responsibility of the essayist to read all of the essay rules. Any questions should immediately be directed to the Director of Competitions. In order for an essay to be accepted for competition all eligibility requirements must be met. It is the essayist's responsibility to meet and follow all eligibility requirements. Non-compliance of any eligibility, application or mechanics requirement will result in disqualification from competition. Violation of subject matter rules will result in a reduction of points awarded, the number of which will be determined by the judges. Interpretation of the rules is a responsibility of the Director of Competitions and the ISRT President. The essayist listed on the application must be a current ISRT member **at the time of application** and at the time of the Annual Conference. All essay applications shall be postmarked to the Director of Competitions by **July 15**.
- b. All essays shall become the property of the ISRT and may be published at the discretion of the ISRT. The Director of Competitions shall send a copy of all essays to the Executive Secretary for typesetting for possible publication.
- c. By July 25, the Director of Competitions will verify membership and eligibility of all essayists with the Executive Secretary.
- d. By July 25, the Director of Competitions should send the ISRT President a summary of the essay topics and a list of the essayists and their program/institution affiliation in order that qualified judges may be appointed.
- e. The Director of Competitions shall send the names of the participants to the Executive Secretary for printing in the Annual Conference Final Program Booklet and for providing Certificates of Recognition.
- f. The Director of Competitions shall send a copy of all applications to the Executive Secretary so that Certificates of Recognition for all participants can be printed prior to the Annual Conference.
- g. The ISRT President shall appoint three (3) judges. The judges must be credentialed in Radiography, Nuclear Medicine, Radiation Therapy or Sonography. The President may not serve as one of the judges. The names of the judges shall be known only to the President and the Director of Competitions.
- h. It is suggested that judges be ISRT members.
- i. Judges shall be knowledgeable in the specific essay topics. Once applications have been received by the Director of Competitions, the President will be sent the topics of the essays.
- j. The President shall determine that there are no potential conflicts of interest between an individual appointed as a judge and any of the essayists. The judges may not be employed by or associated with any of the institutions represented by the essayists.
- k. As soon as the judges have agreed to serve, the President should provide their names,

addresses, e-mail and phone numbers to the Director of Competitions who will complete future communications. Names, addresses, e-mail and phone numbers of the judges should be sent to the Director of Competitions no later than August 1 and preferably earlier.

- l. The Director of Competitions or the President shall provide the names of the judges to the Executive Secretary so that Certificates of Recognition can be printed.
- m. The Director of Competitions is responsible for interpretations of the rules during the judging. Any questions on rules may be appealed to the Director of Competitions. The Director of Competitions and the ISRT President will review and render a decision on the appeal. It is the responsibility of each individual essayist to ensure that they are in compliance with all rules.
- n. The Director of Competitions will make every effort to assure that all essays are in compliance with the rules, conduct the judging procedure, and verify results of the judging. **Essayists are still however, ultimately responsible for knowing and complying with all rules for competition.**
- o. Judging will be conducted prior to the Annual Conference.
- p. Essays will be judged according to the criteria listed on the Essay Critique Sheet.
- q. The Director of Competitions shall assign each judge and essay a number and then send each judge Essay Critique Sheets, Essay Judges Criteria Guidelines and Essay Judges Direction Sheets. The Director of Competitions shall send all essays to judges identified only by a number. No other information should be sent that might identify the essayist or the program/institution affiliation. The Director of Competitions shall provide a deadline for judges to submit their results.
- r. If any judge determines that an essay is plagiarized, the judge must attach documentation to support the claim of plagiarism. That judge will score the essay as a zero and provide appropriate comments.
- s. All judges are responsible for submitting all essay critique sheets in a timely manner according to the deadline determined by the Director of Competitions.
- t. As each judge returns their essay critique sheets, the Director of Competitions should check the judge's addition to assure proper totals. The Director should also briefly review comments to detect if a judge has deducted points for a rules violation that should not have been considered in judging.
- u. As the critique sheets are returned, the Director of Competitions will verify the scores. The Director of Competitions shall complete and verify tally score sheets for each essay and rank the essays. Final essay scores will be calculated on an average of the total points awarded by the judges, i.e., all judge's scores will be added together and divided by the total number of judges to arrive at a final average point score. The final average point score shall be calculated to two decimal places with no rounding by the Director of Competitions. The Director of Competitions will then rank the essays in order of the highest point totals to determine the award recipients.
- v. An essay must score a minimum of 75 points based on an average of all scores from all critique sheets to be eligible for an award.
- w. If an essay does not meet the minimum point requirement, the Director of Competitions shall inform the essayist prior to the Awards Business Session and present the Certificate of Recognition at that time. The awards presentation script shall be adjusted to not reference any essay not receiving the minimum points.
- x. In the event that there is a major procedural error on the part of the judges, the Director of Competitions shall refer the information to the President who has the prerogative to review the information and shall then be responsible for the final decision to resolve the issue.
- y. In the event of a tie for 1st or 2nd place, the tie will stand and all individuals will receive the awards for that place. In the event of a tie for 1st place, 2nd place will be dropped and the next award will be 3rd place. In the event of a tie for 2nd place, 3rd place will be dropped. In the event of a tie for 3rd place, it shall be the discretion of the President and the Director of Competitions on how the tie will be handled.

- z. The Director of Competitions shall present the results to the ISRT President for announcement at the awards presentation ceremony.
- aa. As soon as winners are declared, the Director of Competitions shall present the results to the ISRT Treasurer who will draft the winner's awards.
- bb. As soon as winners are declared, the Director of Competitions shall present the results to the Executive Secretary for completion of award certificates to be distributed at the Annual Conference.
- cc. The Director of Competitions is responsible for coordinating with the Executive Secretary to have award plaques engraved prior to the Annual Conference, when possible. The Director of Competitions is responsible for coordinating with the Annual Conference General Chairman for any awards that need to be engraved during the Annual Conference.
- dd. Following the Annual Conference, the Director of Competitions shall mail the Judges Critique Sheets to the essayist listed on the application form.
- ee. Following the Annual Conference, the Director of Competitions shall destroy the overall tally forms and applications.
- ff. The Director of Competitions shall send a Certificate of Recognition (obtained from the Executive Secretary) to all judges after the Annual Conference.
- gg. The decision of the judges and/or Director of Competitions and/or the President shall be final.

7. Awards

- a. Awards will be given as follows:
 - 1) Technologist Division
 - a) First Place
 - (1) Mary Knish Jancosek, RT(R), FASRT, Memorial Award Plaque
 - (2) A monetary award of \$150. (The check shall be written to the individual.)
 - b) Second Place
 - (1) Second place certificate
 - (2) A monetary award of \$70. (The check shall be written to the individual.)
 - c) Third Place
 - (1) Third place certificate
 - (2) A monetary award of \$30. (The check shall be written to the individual.)
 - 2) Student Division
 - a) First Place
 - (1) First place plaque to the student (engrave with the individual student's name)
 - (2) A monetary award of \$150. (The check shall be written to the individual.)
 - b) Second Place
 - (1) Second place certificate (use individual student name)
 - (2) A monetary award of \$70. (The check shall be written to the individual.)
 - c) Third Place
 - (1) Third place certificate (use individual student name)
 - (2) A monetary award of \$30. (The check shall be written to the individual.)
- b. In the event of a tie for 1st or 2nd place, the tie will stand and all individuals will receive the awards for that place. In the event of a tie for 1st place, 2nd place will be dropped and the next award will be 3rd place. In the event of a tie for 2nd place, 3rd place will be dropped. In the event of a tie for 3rd place, it shall be the discretion of the President and the Director of Competitions on how the tie will be handled.

8. Appeals

- a. Appeals will be considered in cases of disqualification for violation of an eligibility rule or application process.
- b. In the event of a disqualification, the essayist may submit an appeal to the Director of

- Competitions within seven days of disqualification notification. The seven days will be determined by the received date signed on the certified mail return receipt card from the letter sent by the Director of Competitions. The appeal shall be in writing and should include any supporting documentation.
- c. The Director of Competitions and the President will review and render a decision on the appeal.
 - d. The Director of Competitions will notify the essayist of the decision as soon as possible.

9. Documents

- a. AMA format guidelines
- b. AMA reference guidelines
- c. Application
- d. Judges critique sheet
- e. Judges direction sheet
- f. Judges criteria guidelines
- g. Tally form
- h. Acknowledgement of Annual Conference essay application and essay letter
- i. Annual Meeting Essay judge letter

SCIENTIFIC ESSAY COMPETITION RULES

ADOPTED:

AMENDED: 4/87, 12/87, 12/88, 7/89, 9/89, 12/89, 9/91, 9/93, 11/94, 7/95, 9/95, 9/96, 3/97, 9/97, 3/98, 4/99, 9/99, 7/01, 7/03, 8/03, 03/04, 09/04, 03/05, 9/07

SCIENTIFIC ESSAY COMPETITION AMA FORMAT GUIDELINES

1. **General Layout:** The manuscript must be typewritten on one side of 8 ½" x 11" paper, double-spaced with 1 ½" margins on all sides, running no longer than 10 pages. Number the pages consecutively. The font size shall be no smaller than 10 point and no larger than 12 point.
2. **Binding:** Do not bind or enclose the manuscript in a folder, protector or cover.
3. **Title Page:** This is a separate page listing the title of the manuscript, author's name, author's address and school affiliation or place of employment. For student essays, the title page must have the title of the essay, author's name, author's mailing address and school affiliation. For technologist essays, the title page must have the title of the essay, author's name, author's mailing address and place of employment (if any). Do not number the title page or count it in the page count.
4. **Abstract:** An abstract shall be included, generally not exceeding 75 words. The abstract should summarize significant information in the text. This is best written after the paper is completed. Do not number the abstract page or count it in the page count.
5. **Headings:** Separate the main section of the manuscript and identify with standard categorical terminology: Introduction, Methods and Materials, Discussion (or Findings or Results), Case Studies (if applicable), Conclusion, References, etc. The main headings should be centered. Secondary headings should be flush left, with sufficient space above and below the heading.
6. **Introduction:** Briefly describe the purpose of the manuscript, including relevant background.
7. **Methods and Materials:** Describe the research plan, materials or subjects, and methods used under this heading.
8. **Discussion (or Results):** Describe results in clear, logical sequence.
9. **Conclusion (or Summary):** Explain any limitation of the methods or materials here, and detail the effects of the results.
10. **Tables:** Double space tables. The table number and title are flush left. Abbreviations used in a table are explained at the bottom in a footnote. Tables and figures help verify text information.
11. **Figures (photographs, x-rays, monograms, etc., or camera-ready charts):** Mount photographs; glossy black and white prints (5" x 7" preferred). Any identifiable human subject must sign a release form that the author must send with the manuscript. Reference all non-original artwork on a separate page and either place in the text with a removable adhesive or number as to placement.
12. **Legends:** List the captions of the figure(s) underneath the figure(s) or on a separate page.
13. **References:** Cite any references in the text in numerical order with superscript numbers outside commas and periods, inside colons and semicolons. List the references on a separate page, double-spaced, in numerical order as they appear in the text. The reference style follows that specified in the *American Medical Association Manual of Style*. A reference to an article "in press" is acceptable, but citations such as "in preparation," "submitted for publication," "unpublished data" and "personal communication" should be given parentheses in the text only. In listed references, the names of all authors should be given unless there are more than six, in which case the names of the first three authors are used, followed by "et al." Abbreviations of journals must conform to those in *Index Medicus*. Manuscript authors are responsible for bibliographic accuracy.
14. **Footnotes:** There should not be many footnotes, and they should be typed at the foot of the appropriate page, separated by a horizontal line. Designate footnotes in the text and the bottom line by the following symbols in this order: *, †, ‡, **, ††, ‡‡.
15. **Abbreviations and Nomenclature:** Abbreviations conform to the *AMA Manual of Style*. Use generic names of drugs if possible. Give a proprietary name only after it precedes the generic name the first time it appears. Define abbreviations and unfamiliar terms when first used.

SCIENTIFIC ESSAY COMPETITION SAMPLE AMA REFERENCE GUIDELINES

A good indication of the reliability of an author's work is the type and number of references selected. Too many references may indicate a lack of critical thinking; too few references may suggest the possibility of unwarranted speculation. References have two major purposes: documentation and acknowledgment.

Each reference is divided by periods into the following *bibliographic groups* (listed in order): author(s), title, edition, imprint (place and name of publisher, date of publication, volume number, issue number, inclusive page numbers), physical description (physical construction or form), series statement, and supplementary notes (identifiers of the nature of the reference or material necessary for added clarity).

Reference should be numbered consecutively, using arabic numerals, in the order in which they are cited in the text.

Each reference should be cited in the text. Citation may also be made in tables, figures, and legends. Use arabic superscript numerals. These numerals appear outside periods and commas, inside colons and semicolons. When more than two references are cited at a given place in the copy, use hyphens to join the first and last numbers of a closed series; use commas without space to separate other parts of a multiple citation.

As reported previously,^{1,3-8,19}

the derived data were as follows³⁻⁴:

Authors: Use the author's surname followed by initials without punctuation. In listed references, the names of all authors should be given unless there are more than six, in which case the names of the first three authors are used, followed by "et al." Note spacing and punctuation. Do not use *and* between names.

BOOKS

1. Stryer L. *Biochemistry*. 2nd ed. San Francisco, Calif: WH Freeman Co; 1981:559-596.
2. Kavet J. Trends in the utilization of influenza vaccine: an examination of the implementation of public policy in the United States. In: Selby P, ed. *Influenza: Virus, Vaccines, and Strategy*. Orlando, Fla: Academic Press Inc; 1976:297-308.

PERIODICALS/JOURNALS

1. Lerner PI, Weinstein I. Infective endocarditis in the antibiotic era: research, treatment and preliminary results of drug therapy and surgery. *N Engl J Med*. 1966;274:199-206, 388-393.

ELECTRONIC CITATIONS

Online Journals:

1. Friedman SA. Preeclampsia: a review of the role of prostaglandins. *Obstet Gynecol* [serial online]. January 1988; 71(1):22-37. Available from: BRS Information Technologies, McLean, Va. Accessed December 15, 1990.
2. Harrison, CL, Schmidt PQ, Jones JD. Aspirin compared with acetaminophen for relief of headache. *Online J Curr Clin Trials* [serial online]. January 2, 1992;doc 1.

World Wide Web citations:

3. Rosenthal S, Chen R, Hadler S. The safety of acellular pertussis vaccine vs whole-cell pertussis vaccine [abstract]. *Arch Pediatr Adolesc Med* [serial online]. 1996;150:457-460. Available at: http://www.ama-assn.org/sci-pubs/journals/archive/ajdc/vol_150/no_5/abstract/htm. Accessed November 10, 1996.
4. Gostin LO. Drug use and HIV/AIDS [JAMA HIV/AIDS Web site]. June 1, 1996. Available at <http://www.ama-assn.org/special/hiv/ethics>. Accessed June 26, 1997.

2012 Scientific Essay Competition APPLICATION

Before submitting an application, make sure you have the most current policies and application for the competition posted on the ISRT website. Applications will only be considered if they are completed on the current Scientific Exhibit Competition Application Form. The essayist is responsible for assuring that the essay meets the mechanics requirements at the time of application. Essay competition application may be made by completing the Scientific Essay Competition Application Form and postmarking the application, original essay and three (3) unidentified copies of the essay to the Director of Competitions **on or before July 15**. Application forms will only be accepted by mail. It is strongly recommended that all applications be sent via certified mail with return receipt requested. Application forms sent by fax or any other electronic media will not be accepted.

Note: You must be a current¹ ISRT member at the time the application is submitted and at the time of the Annual Conference. Please include a copy of your current ISRT membership card.²

Please complete all sections of the application. Incomplete applications will be returned.

Division: Technologist Student

Name of program or work affiliation: _____

Title of essay: _____

Essayist's Name: _____

Address: _____

City: _____ State: _____ Zip Code: _____

Phone Number with Area Code () _____ Email Address: _____

ATTESTATION STATEMENT

I have read the most current policies for the competition posted on the ISRT website. I have the most current application and agree to abide by the policies. I have read and understand this application and to the best of my knowledge, the information is accurate and complete. The essay submitted is solely that of mine and has not been prepared by another individual or a commercial source.

Essayist's Signature Date

SEND COMPLETED APPLICATION & COPIES OF ISRT MEMBERSHIP CARDS² TO: ISRT Director of Competitions

The Competition's Director changes annually. The current director's information can be located in the PRINTABLE PDF DIRECTORY found in the Who's Who Section on the ISRT website. **www.isort.org**

Postmarked/Received

ISRT memberships Verified

Date confirmation sent

Director of Competitions Signature

¹ Individuals not currently Society members may join the ISRT to fulfill the membership eligibility requirement to compete. Join online or download a membership form to mail in at WWW.ISORT.ORG

² An individual who has recently applied for ISRT membership and has not received their membership card may indicate this on the Essay Competition application form and proceed with the application process.

This application may be copied as needed.

Scientific Essay Competition JUDGES CRITIQUE SHEET

JUDGE # _____

ASSIGNED ESSAY # _____ DIVISION: Technologist Student

ESSAY TITLE _____

CONTENT/EDUCATION: (60 points possible)	Points Possible	Points Awarded
Originality	10	
Is the subject of educational merit to modern technology?	10	
Depth/Content	20	
Premise Proven	10	
Is the information presented in such a way that reading is a learning experience?	10	
ORGANIZATION: (15 points possible)		
Developed in logical and orderly sequence	10	
Adequate references and bibliography	5	
MECHANICS: (25 points possible)		
Grammar	10	
Spelling	10	
Neatness	5	
TOTAL POINTS AWARDED:	100	

An essay must score a minimum of 75 points based on an average of all scores from all critique sheets to be eligible for an award.

JUDGE'S COMMENTS:

Scientific Essay Competition

JUDGES DIRECTION SHEET

GENERAL JUDGING INFORMATION

1. The duty of the judges is to evaluate the quality of one essay in comparison with other essays.
2. Judges should assume that all essays are in compliance with the rules. The Director of Competitions has already assured that all essays are in compliance with the rules.

JUDGING PROCEDURE

1. Do not sign your name or identify yourself in any manner on the critique sheet.
2. Please use an ink pen.
3. Judging Procedure:
 - a. Review and critique each essay using the Essay Judges Critique Sheet in conjunction with the Judges Essay Criteria Guidelines.
 - b. In scoring the essays, the judge shall write in a score that he feels is appropriate. Half points may be awarded. A higher number indicates excellent and a lower number indicates poor. A mid-range number is average and reflects what you consider the average essay should contain.
 - c. If any judge determines that an essay is plagiarized, the judge must attach documentation to support the claim of plagiarism. That judge will score the essay as a zero and provide appropriate comments.
 - d. Judges are expected to comment in the area provided on the Critique Sheet as to the strengths and weaknesses of the essay. Judges are reminded that all of the critique sheets are returned to the participants following completion of the competition. Comments should be constructive and appropriate.
 - e. After critiquing each essay, the judge should tally the score of the essay.
 - f. Upon completion of the critique of all essays, the judge will return the critique sheets and all essays to the Director of Competitions who will review the sheets for mathematical accuracy and completion of all areas.
 - g. All judges are responsible for submitting the essay critique sheets and essays in a timely manner according to the deadline determined by the Director of Competitions.
 - h. The judges should not divulge any aspects of the judging.

SCIENTIFIC ESSAY COMPETITION JUDGES DIRECTION SHEET

ADOPTED: 4/86

AMENDED: 9/91, 7/95, 3/98, 7/03, 8/03

Scientific Essay Competition

JUDGES CRITERIA GUIDELINES

These guidelines are presented to assist in clarifying the Essay Judges Critique Sheet and to define some of the terminology and categories used. The examples listed under each category are not inclusive of all possible criteria that the judges may use. Additional observations of the judges may be reflected in the scoring of any category. The judges will determine the extent that the essay achieves the criteria.

CONTENT/EDUCATION

1. Originality

A higher number of points could be awarded if the essay fulfills any of the following guidelines:

- a. Demonstrates original research into a topic.
- b. Presents an original topic.
- c. Presents an original concept to an established topic.

A lower number of points could be awarded if the essay does the following:

- a. The source of information is not properly identified (plagiarism).
- b. If original information is presented, there is insufficient documentation of how the information was derived.
- c. The essay appears to be based on an idea previously presented in a published source.

2. Educational Merit (Relevance of essay)

Higher points could be awarded for the following guidelines:

- a. Essay reflects current practices or technology used in the Radiologic Sciences.
- b. Information presented will be of value to the intended audience.
- c. Correlates two or more ideas into a concept.

3. Depth/Content

a. Higher points could be awarded for the following guidelines:

- b. The essay appears to have required significant effort and thought in writing.
- c. The content of the essay reflects knowledge above what could be considered common knowledge.
- d. The essay covers all aspects of the presented subject.

4. Premise proven

a. Higher points could be awarded for the following guidelines:

- b. There is sufficient documentation to support the concept of the essay.
- c. There are sufficient illustrations to support the purpose of the essay.
- d. The material presented is accurate.

5. Does the essay contain information in such a way that reading is a learning experience? (Establishes overall impression of the essay)

a. Considerations could include:

- b. How well the essay updates knowledge, explains knowledge, enhances knowledge or presents new knowledge.
- c. How well did the essay achieve its goal of educating the reader about a topic?
- d. If illustrations were included, how well did they contribute to the educational value and understanding of the topic?

ORGANIZATION

1. Developed in logical and orderly sequence

Higher points could be awarded for the following guidelines:

- a. The reader can easily follow the concept of the essay.
 - b. Illustrations seem to be in a logical sequence.
 - c. There is division between the various ideas that are being presented.
 - d. The essay does not appear jumbled.
 - e. Illustrations are relevant to the topic.
2. Adequate reference and bibliography
- Higher points could be awarded for the following guidelines:
- a. Direct quotations and all references are properly indicated in the text and noted on the bibliography page.
 - b. References and bibliography are of a proper and consistent format.
 - c. There is sufficient reference to any included illustrations.

MECHANICS

1. Grammar

Higher points could be awarded to essays that flow easily and demonstrate excellent grammatical structure.

2. Spelling

0.5 points shall be deducted for each spelling error from those allowed in the spelling category of the judges critique sheet.

3. Neatness

Higher points could be awarded for the following guidelines:

- a. Typing is neat and easily readable.
- b. The essay is neatly assembled.

SCIENTIFIC ESSAY COMPETITION JUDGES CRITERIA GUIDELINES

ADOPTED: 4/86

AMENDED: 12/88, 9/91, 7/95, 3/97

Scientific Essay Competition TALLY FORM

ASSIGNED ESSAY # _____

DIVISION: Technologist Student

ESSAY TITLE _____

NAME OF ESSAYIST _____

TOTAL POINTS AWARDED BY JUDGE #1

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TOTAL POINTS AWARDED BY JUDGE #2

--

TOTAL POINTS AWARDED BY JUDGE #3

--

COMBINED POINT TOTAL AWARDED BY JUDGES:

--

DIVIDED BY TOTAL NUMBER OF JUDGES:

--

Points average must be taken to
2 decimal places with no
rounding

FINAL AVERAGE OF POINTS:

--

NUMERICAL RANKING: _____

An exhibit must score a minimum of 75 points based on an average of all scores from all critique sheets to be eligible for an award.

PLACE AWARDED: _____

_____, ISRT Director of Competitions
Signature

SCIENTIFIC ESSAY COMPETITION TALLY FORM

ADOPTED: 4/86

AMENDED: 7/95, 3/97, 3/98, 8/03