

Student Educator Seminar



**April 18 & 19
2024**



UnityPoint Health
Des Moines

Iowa Methodist Medical Center

**Education and
Research Center
1415 Woodland Ave,
Des Moines, IA 50309**



Student Seminar Fees:

- Student Educator Seminar (Thursday & Friday) - \$80

Fees include Lunch and Break snacks

There will NOT be a Zoom option for this year's seminar.

*The speaker is not an official representative of the ARRT, has not been authorized by ARRT to speak on its behalf, and only ARRT can provide definitive information on its education requirements. <https://www.rrt.org/>

Student Agenda

Thursday, April 18th

7:00–7:45	Registration & Breakfast
7:45–8:00	Welcome
8:00–9:00	<i>DOs and DON'Ts of Digital Imaging</i>
9:00–10:00	<i>OH NO, Physics</i>
10:00–10:30	Break
10:30–11:30	<i>Positioning Recap</i>
11:30–12:30	Lunch–Provided
12:30–1:30	<i>Problem Children of Radiographic Principles</i>
1:30–2:30	Radiation Protection & Biology
2:30–2:45	Break
2:45–3:45	<i>To Pass, or Not to Pass? That is the Question</i>
3:45–4:45	<i>Less Common Views and Some Trauma</i>

Friday, April 19th

7:00–8:45	Registration & Breakfast
8:45–9:00	Welcome
9:00–10:00	<i>Ethics and Law in Medical Imaging</i>
10:00 - 10:30	Break
10:30 - 11:30	<i>Test Anxiety and the Exam Preparation*</i>
11:30–12:30	Lunch–Provided
12:30–12:45	Student Scientific Paper Presentations
12:45–2:45	<i>Mock "Board" Examination</i>
2:45–3:15	<i>Medical Imaging Alphabet Soup</i>
3:15–3:30	Awards–Including ISRT Scholarship

Program schedule subject to change.

Speakers' Information

Matthew J. Millard, MSTD, RT(R)(CT)

- *DOs and DON'Ts of Digital Imaging*
- *Problem Children of Radiographic Principles*
- *Radiation Protection & Biology*
- *Ethics & Law in Medical Imaging*
- *Test Anxiety & the ARRT Exam*

Matthew obtained a certificate in Radiological Sciences from Iowa Methodist School of Radiologic Technology, a Bachelors of Science in Medical Imaging from Clarkson College, and a Masters of Science in Training and Development from St. Francis University. He has worked as a general radiographer, MRI technologist, CT and Cardiovascular Imaging Technologist. He has also worked in radiology education for 23 years and now has taken on the role of Program Planner with the Iowa Department of Health and Human Services.

Amanda Beane, M.B.L. RT(R)(CT)(MR)(BD)

- *Positioning Recap*
- *Less Common Views and Some Trauma*

Amanda Beane is a veteran x-ray and CT tech, whose career has guided her towards educating others in the radiology field. Currently, Amanda is an instructor at Indian Hills Community College, joining the team in 2011 where she is an instructor for Positioning, CT, and MRI courses. She also supervises students in the clinical aspect traveling to over 30 clinical facilities.

Alice Shepard, BS, RT(R)(M)

- *OH NO, Physics*
- *To Pass, or Not to Pass? That is the Question*

Alice graduated from the Indian Hills Community College Radiology Program and was a radiographer for 25 years. During that time she worked at St. Joseph's Mercy Hospital for 10 with 6 of those years being a Clinical Instructor for Indian Hills Community College until 2003 when she started as a Clinical Coordinator for Indian Hills. She is also the Physics Instructor for Indian Hills Community College's Radiology Program. She is a registered Mammographer and for the past two years has been working at MercyOne as a PRN Radiographer.

Tammy Delker MS, RT(R)

- *To Pass, or Not to Pass? That is the Question*

Tammy has been a registered technologist for the past 41 years and a radiology educator for 25 years. She started off her role as an educator at Mercy College of Health Sciences and is currently the Program Director at Indian Hills Community College, where her and Alice have worked together for the past 18 years.

Educator Agenda

Educator Seminar

Fees:

- Student Educator Seminar Only (Thursday & Friday) - \$60
- Student Educator Conference Thursday plus Annual Meeting on Friday
 - \$60 + \$60 ISRT Members
 - \$60 + \$120 Non-ISRT Members

Fees include Lunch and Break snacks

**Educators wanting to attend the ISRT Annual Meeting on Friday instead of the Student Educator Seminar must register for the Annual Meeting when registering for the Student Educator Seminar.

Thursday, April 18th

7:00–7:45	Registration and Breakfast
7:45–8:00	Student-Educator Seminar Welcome
8:00–10:00	<i>Engaged Classroom and Hands on Learning</i>
10:00–10:30	Break
10:30–11:30	Join students for <i>Positioning Recap</i>
11:30–12:30	Lunch—Provided
12:30–1:30	Join students for <i>Problem Children of Radiographic Principles</i>
1:30–2:30	Join students for <i>Radiation Protection & Biology</i>
2:30–2:45	Break
2:45–3:45	Join students for <i>To Pass, or Not to Pass? That is the Question</i>
3:45–4:45	Join students for <i>Less Common Views and Some Trauma</i>

Friday April, 19th

7:00–8:45	Registration and Breakfast
8:45–8:00	Student-Educator Seminar Welcome
9:00–10:00	Join students for <i>Ethics and Law in Medical Imaging</i>
10:00–10:30	Break
10:30–11:30	Join students for <i>Text Anxiety and the ARRT Exam</i>
11:30–12:30	Lunch—Provided
12:30–12:45	Student Scientific Paper Presentations
12:45–2:45	<i>Educator Open Forum</i>
2:45–3:00	Awards—Including <i>ISRT Scholarship</i>

Program schedule subject to change.
Lectures which will be presented to the students are also being applied for ASRT CE Credit.

Speaker Information:

Lindsey Heffernan—Program Director at Iowa Central Community College, Fort Dodge, IA

Gretchen Kilworth—Clinical Coordinator at Mercy College of Health Sciences, Des Moines, IA



SCIENTIFIC ESSAY RULES

1. ELIGIBILITY

All students in their final year of radiography school (Seniors, 2nd Years, 3rd Years...) attending the seminar will be eligible to compete for the essay awards.

2. PRIZES

First place	\$100.00
Second place	\$75.00
Third place	\$50.00

3. JUDGING

The judges' opinions will be final. Judging of the manuscripts will be done prior to seminar and presentations will be evaluated during the seminar. Only the top five manuscripts will be awarded a presentation spot and student will be notified prior to the meeting if they are to present. Awards will be given at the seminar. In the event of a tie for first place, the first and second place moneys will be combined and divided equally between the winners, and the next highest point total will receive the third place moneys. In the event of a second place tie, the second and third place prize moneys will be combined and equally divided between the winners. In either situation, there will be no third place award. ALL WINNERS MUST BE PRESENT ONSITE OR ON THE ZOOM MEETING TO WIN. Awards will be mailed to the winners within one week of the completion of the seminar.

4. MANUSCRIPTS

- A. All manuscripts must represent the ORIGINAL work of the author.
- B. Each author must submit a total of two (2) copies: One (1) identified and one (1) unidentified which shall NOT contain any marks or clues to the author's identity such as pictures, references to doctors, hospitals or companies, address, telephone number, or personal ID number.

The application and manuscripts must be postmarked or emailed to isrtstudenteducator@gmail.com on or before March 1, 2024.

- C. ONLY ONE (1) author per scientific essay is allowed.
- D. The essay must be prepared on 8 1/2 X 11 inch page, typewritten, double spaced, with one inch (1") one inch wide margins. Pages must be numbered.
- E. Students will be scored on their use of following proper APA style during citation within their essay and when completing a reference page.
- F. After submission of the application and manuscripts to the Program Chairperson, NO CHANGES can be made in regard to the scientific essay title.
- G. Manuscripts are to be sent to: isrtstudenteducator@gmail.com
- H. Any scientific essay which does NOT adhere strictly to these rules will be eliminated from competition.

5. PRESENTATION

- A. The author of a qualifying manuscript will be notified as to the time and place for the competitive judging activities. All manuscripts that conform to the rules are considered qualifying manuscripts. The top five Scientific Essays will be invited to compete in the Presentation portion.
- B. The time allocated for verbal presentation of the Scientific Essay during competition shall NOT exceed 15 minutes which includes all audio and visual activities necessary during the presentation.

References

**Please follow the APA style format for this scientific paper. You can find examples or information on the APA website <https://apastyle.apa.org/>

References (not to exceed 35)

SCIENTIFIC ESSAY JUDGING CRITERIA

Paper conforms to essay rules. _____yes _____disqualified

TITLE OF PAPER: _____

JUDGES INITIALS: _____

JUDGING CRITERION WRITTEN PORTION	0	1	2	3
1. Typographic accuracy				
2. Use of grammar				
3. References present and properly noted				
4. Organization of material is in a logical sequence				
5. Paper makes use of current research data				
6. Research material complements the Abstract				
7. Material, including research, is expressed in contestant's own words				
8. Abstract is fully developed and clearly conveys the intent of the paper to the reader.				
9. Content is of educational or technical value to radiologic technologists				
10. Content is understandable to radiologic technologists				
11. Content demonstrates originality in thought or presentation				
12. Correct demonstration of the APA style				
13. Graphics, illustrations, etc. are used effectively and referenced				
(Points available: 39) TOTAL				

This portion of the judging is based on the actual presentation of the scientific essay at the seminar.

JUDGING CRITERION PRESENTATION PORTION	0	1	2	3
1. Presentation is within acceptable time limits				
2. Presentation is smooth and orderly				
3. Audio-visual aids, graphics are present and promote understanding				
4. The speaker can be heard and understood, appropriate speed				
5. The speaker maintains eye contact with the audience				
6. The speaker is familiar with terminology, and uses accepted pronunciation for technical terms				
7. The speaker demonstrates interest in the subject				
(Points available: 21) TOTAL				

COMMENTS ARE HELPFUL:



SCIENTIFIC EXHIBIT RULES

All students in their final year of radiography school (Seniors, 2nd Years, 3rd Years...) attending the seminar will be eligible to compete for the exhibit awards.

1. PRIZES: First place: \$100.00; Second place: \$75.00; Third place: \$50.00

2. APPLICATION FOR SPACE

All applications for exhibit space must be postmarked or emailed by March 1, 2024. Upon receipt of the application, a letter of acknowledgment will be emailed to the exhibitor. Each exhibit will not exceed 6 feet long by 15 inches in depth. Illuminators and extension cords will NOT be provided. Exhibits may use photographs instead of radiographs. As an alternative, the exhibitor(s) may request a maximum of 6' X 4' of floor for a free standing self-contained display. Free standing displays should not exceed 6' in length, 4' in depth, and 8' in height. This space may not be reconfigured due to space limitations. The total display must be included within allocated space. Displays not conforming to the specifications will not be eligible for competition. ALL EXHIBITS MUST BE SET-UP NO LATER THAN 7:30 AM, APRIL 18TH.

3. SUBJECT MATTER

Exhibits must be the work of the presenter, and the names must not appear on the exhibit. Names will be concealed until after judging. Exhibitors may enlist the aid of institutional print shops and/or private printing firms. Exhibits prepared by professional exhibit companies are not eligible for competition. The exhibitor shall remove or block out any markings on the radiographic images so identification of the patient and hospital is not possible. The exhibits shall consist of a subject pertaining to radiologic technology supplemented by such charts, photographs or technical factors, as may be necessary. (Any additional credits or resources should be acknowledged.)

4. JUDGING

The judges' opinions will be final. Award winners will be announced at the seminar. In the event of a tie for first place, the first and second place moneys will be combined and divided equally between the winners, and the next highest point total will receive the third place moneys. In the event of a second place tie, the second and third place prize moneys will be combined and equally divided between the winners. In either situation, there will be no third place award. ALL WINNERS MUST BE PRESENT IN TO WIN. Awards will be mailed out within one week of the end of the seminar.

EXHIBIT JUDGING CRITERION:

Exhibit conforms to exhibit rules: _____yes _____disqualified
 (masked institution and patient information...)

JUDGES INITIALS: _____

EXHIBIT IDENTIFICATION (TITLE & EXHIBIT #):

JUDGING CRITERION	0	1	2	3	4	5
1. The exhibit communicates ideas and information directly related to the title. There is one theme for the exhibit.						
2. Technical quality of visuals provide optimal visualization of information (i.e. radiographs, charts, diagrams).						
3. The exhibit correctly identifies required information to support the theme.						
4. Subject provides information or education on a topic of general interest or practical value to students and technologists.						
5. The scientific data presented are factual and accurate.						
6. Exhibit demonstrates originality in thought or presentation						
7. There is evidence of research providing information on subject matter and work is cited on front or back of exhibit.						
8. Correct and appropriate terminology is used. Grammar, punctuation and spelling is correct.						
9. The exhibit can be easily understood in a maximum of three minutes .						
10. Overall impression, exhibit is professional, attractive, clear, and concise.						
(Points available: 50)						
TOTAL						



SCIENTIFIC EXHIBIT/ESSAY APPLICATION

Name _____

Address _____

Phone (_____) _____

School _____

Email _____

(Confirmations will be emailed)

This Application must be postmarked or emailed on or before March 1, 2024 to the addresses below.

I wish to submit an Exhibit/Essay (*please circle one*) for the Student Seminar. I understand to be eligible for an award I must be in attendance at the seminar and must comply with all exhibit/essay competition rules. I understand that to be eligible for an award in the essay competition I must be able to present the essay at the seminar.

Student Signature

I verify the above applicant is a second year student enrolled in radiography education in my institution and will be in attendance at the student seminar. **I also give permission to the ISRT to publish pictures of my exhibits or publish my paper on the ISRT website.**

Program Director's Signature

Please direct all questions about this application form to *Matthew Millard at (515) 776-9633* or email isrtstudenteducator@gmail.com. Please use the same email if you choose to email this application form or mail them to *Matthew Millard, 228 Manor Dr., Osceola, IA 50213*

Meeting Registration—Page 1

Student/Educator Meeting Registration

Registration can be made on-line by using <https://www.isrt.org/seminar/> or you can mail the registration and payment made out to the ISRT to:
ISRT

Attn: Yvonne Grant
7546 63rd Avenue
Prole, Iowa 50229

The completed registration form and the required fee must be postmarked by the registration deadline of April 7, 2024. You will receive a refund if registration is cancelled by February 20, 2024. Refund requests must be made in writing and payments will not be refunded until after the annual meeting. Refer cancellations to Yvonne Grant at the address above or if you have any question, you may call 515 494-9448. If you are sending a full class in at one time, please include a typed student roster to go with the payment as well as the below information. Confirmation emails will be sent back to those registered. Please use one registration form per student or educator. (Please Print Clearly)

Name _____

Address _____

City/State/Zip Code _____

Phone (_____) _____

E-mail _____

Please check: _____ Student _____ Educator



Meeting Registration—Page 2

Please choose your education program:

<input type="checkbox"/>	Allen College UnityPoint Health	<input type="checkbox"/>	Northwest Iowa Community College
<input type="checkbox"/>	Indian Hills Community College	<input type="checkbox"/>	Northeast Iowa Community College
<input type="checkbox"/>	Iowa Central Community College	<input type="checkbox"/>	Scott Community College
<input type="checkbox"/>	Mercy College of Health Sciences	<input type="checkbox"/>	St. Luke's College UnityPoint Health
<input type="checkbox"/>	Mercy Medical Center North Iowa	<input type="checkbox"/>	UnityPoint Health—Des Moines
<input type="checkbox"/>	Mercy / St. Luke's	<input type="checkbox"/>	University of Iowa
<input type="checkbox"/>	Other: _____	<input type="checkbox"/>	Scott Community College

If your school or company is paying for your Registration and it's different than the above, please include:

Name of Business/School _____

Address of Business/School _____

Name and Phone Contact Number _____

If Student Attendee:

Program Director Name _____

Contact phone number of Program Director: _____

Instructor Email _____

Is this Program Director attending the meeting? Yes ___ No ___

Any food allergies/dietary restrictions _____

Need a VEGAN or VEGETARIAN meal _____

ISRT Member: Yes/No

ASRT Member: Yes/No

Identification Number _____ (ARRT/Iowa Permit To Practice/Limited)

Hotel Information



Room rates and other information still be worked on. Information will be emailed as soon as details have been finalized.

Holiday Inn Des Moines Downtown Mercy Campus

1050 6th Avenue
Des Moines, IA 50314

Additional Information

Student Notes:

Make sure to bring a laptop or tablet so that you can take the Mock Registry Exam.

PLEASE NOTE: The meeting registration deadline is **April 1, 2024**. The Scientific Exhibit application deadline is **March 1, 2024** and Essay application deadline is **March 1, 2024!**

Educator Notes:

Send topics for Open Forum to

heffernan@iowacentral.edu or
gretchen.kilworth@mercyoneiowa.org