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# The Radiographer

A PUBLICATION OF THE MISSOURI SOCIETY OF RADIOLOGIC TECHNOLOGISTS



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

As a not for profit corporation, the Missouri Society of Radiologic Technologists Inc. is a chartered affiliate of the American Society of Radiologic Technologists.

The M.S.R.T. is nonsectarian, nonpartisan, and noncommercial; and adheres to a policy of nondiscrimination regarding nationality, race, color, creed, or age.



# The Radiographer

A Publication of the Missouri Society of Radiologic Technologists  
Summer - Fall 1991

## 1991 CONFERENCE : LICENSURE, LECTURES, and LUAU

The 59th Annual Conference of the Missouri Society of Radiologic Technologists took place this year during the third week of May at the Capital Plaza Hotel in Jefferson City; and a more appropriate time or location could not have been selected. Mayor Louise Gardener extended a personal welcome, and a proclamation issued by the Governors' Office designated May 12th thru the 18th as Radiologic Technologist Week in Missouri.

The Society's efforts to secure state licensure or certification of radiologic technologists went down to the wire as this year's Missouri legislative session came to a close during the Conference. Although time ran out and House Committee Substitute House Bill #144 did not make it to the Senate Floor, the members of the M. S. R. T. made their presence known in the halls of the Capital. Along with the lobbying efforts of nearly every R.T. and student technologist attending the Conference, political awareness was the focus of three educational lectures, including an appearance by State Representative Carole Roper-Park, sponsor of the pro-licensure legislation.

Other interesting topics of more clinical significance were also offered at this year's Conference. Magnetic resonance angiography (MRA), insight as to the special needs of cancer patients, and innovative positioning methods for routine and trauma radiographic procedures were just a few of the subjects presented on the educational agenda.

A substantial amount of programming was dedicated to student technologists, including a student "rap" session and a mock registry exam. The students sponsored a terrific dance party. The theme this year was a Hawaiian luau, complete with buffet, decorations, DJ and sound system.

### SCHOLARSHIPS, AWARDS, and PRIZES

#### 1st Place, Scientific Exhibit (Student Category):

"Percutaneous Intravascular Ultrasound"  
Darlene Bunevac, Elizabeth Edgar, Michael Ritter  
Mallinckrodt Institute  
St. Louis

#### 1st Place, Scientific Exhibit (Technologist Category):

"Percutaneous Transfemoral Placement of IVC Filters"  
Michael Kleinhoffer  
Mallinckrodt Institute  
St. Louis

#### 2nd Place, Scientific Exhibit (Student Category):

"Crohns Disease"  
Pam Croan, Krista Kains, Stephanie Stewart  
Avila College  
Kansas City

#### 1st Place, Scientific Essay (Technologist Category):

"Leukemia - A Somatic Effect of Radiation"  
Janice Hickman  
Mineral Area Regional Medical Center  
Farmington

#### 3rd Place, Scientific Exhibit (Student Category):

"A Gift of Life"  
Rhonda Bowman, Belinda Edmonds  
Penn Valley Community College  
Kansas City

#### 1st Place, Scientific Essay (Student Category):

"Magnetic Resonance Angiography"  
Cathy Wesner  
St. Luke's Hospital  
Kansas City

#### Honorable Mention, Scientific Exhibit (Student Category):

Francine Harmon and Michelle Reece  
St. Louis  
and  
Michelle Moening and Pamela Sieve  
St. Louis

#### 2nd Place, Scientific Essay (Student Category):

Shannon Kennon  
Ste. Genevieve

#### 3rd Place, Scientific Essay (Student Category):

Donna Wynn  
Pilot Knob

#### M.S.R.T. Scholarship recipient :

Cindy Gulick  
St. Johns' Regional Hospital  
Springfield

#### Feldhaus Scholarship recipient:

Jane Hall  
Penn Valley Community College  
Kansas City

#### Life Member :

Henry Cashion  
Mineral Area RMC  
Farmington



## SCHOLARSHIPS, AWARDS, and PRIZES (continued):

**Mallinckrodt Award:**  
**Darrell McKay**

**Continuous Service Award ( 5 Years):**  
**Sandy Dorin and Barb Forbus**  
**TEMP's Inc.**

**M.S.R.T. Appreciation Plaque:**  
**Debra Hurst (1991 Conference Coordinator)**

**James Watson (Affiliate Delegate A.S.R.T.)**

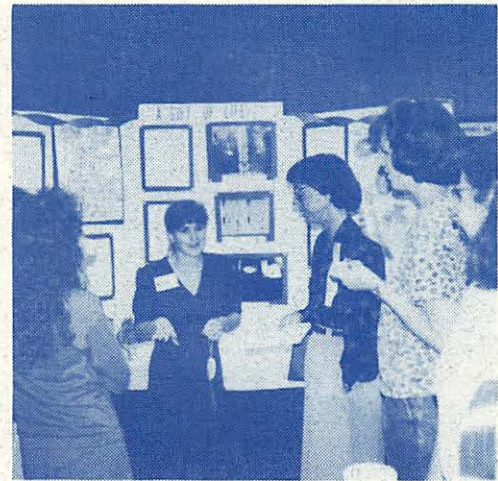
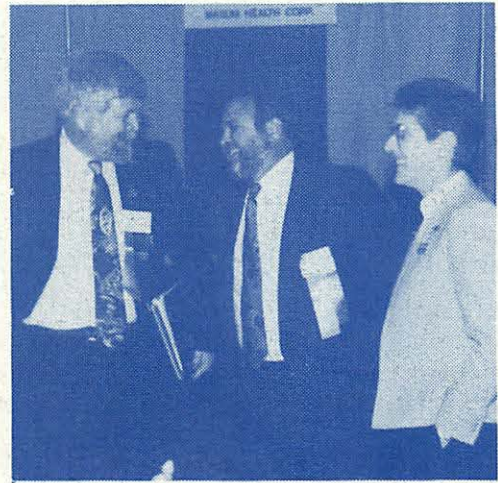
**Darrell McKay (Senior Board Member M.S.R.T.)**

### **Scholarship Raffle:**

Connie Porter	Television Set	3M
Ruth Gray	Attache Case	Mallinckrodt
Leah Daniels	Camera	Kodak
Joann Witting	Cordless telephone	TEMP's
Diane Schulte	Lead Apron	E-Z-EM
Michelle Reece	Lead Apron	E-Z-EM
Jay Dalton	Gift Box	3M
Peggy Hurst	Gift Box	3M
Diane Schulte	Gift Box	3M
Charles Poth	Gift Box	3M
Lisa Lierman	Gift Box	3M

### **Desert Raffle:**

Michelle Moening	Desert Storm T-Shirt
Linda Robedeau	Arabic Pepsi Can
Corliss Punis	Edible Goodies



## A.S.R.T. PLEDGES FINANCIAL SUPPORT

The American Society of Radiologic Technologists (A.S.R.T.) has contributed four thousand four hundred dollars (\$ 4,400.00) to the Legislative Activities Committee.

This donation, combined with funds allocated by the M.S.R.T. State Society, has provided our pro-licensure efforts with a much needed cash base from which to continue implementation of the grass-roots strategy. These funds are intended primarily to support the lobbying of Missouri Legislators by members of the M.S.R.T., increase public awareness, and to better inform the members of our profession.

## MISSOURI TECHNOLOGISTS TO SERVE IN NATIONAL SOCIETY

Members of the Missouri Society of Radiologic Technologists are making an impact on our profession nationwide by serving in the American Society of Radiologic Technologists as officers and as members of various committees. Those individuals honoring our Society are:

**Darrell McKay, Ph.D., R.T. (R); Vice President, Board of Directors and Committee Member, Research and Development**

**Michael D. Ward, M.Ed., R.T. (R), FASRT; Committee Member, Joint Review Committee on Education in Radiologic Technology ; Chairman, Committee on Fellows; Affiliate Delegate, A.S.R.T. House of Delegates**

**Gary Brink, R.T.(R), B.S., FASRT; Committee Member, Task Force on Realignment of Regions**

**Beth Anderhub, R.T. (R) (N), RDMS, FASRT; Joint Review Committee on Diagnostic Medical Sonography**

**Barbara Hente, R.T. (N); Joint Review Committee on Educational Programs in Nuclear Medicine**

**Coretta Schroer, R.T.(R), Senior Affiliate Delegate, A.S.R.T. House of Delegates**



## NEW EDITORS APPOINTED TO RADIOGRAPHER

Dan Cantrell and Michael Kleinhoffer have both accepted positions as Co-Editors of the Radiographer. This first issue under their direction represents an effort to achieve four major goals - improve content and style, publish and distribute in a more timely fashion, expand readership, and solicit input from graduate and student technologists in order to enhance the relevance of articles.

### FROM THE BOARD ROOM

"From the Board Room" will become a regularly featured article. Information for this section will be provided by the members of the 1991 - 92 Board of Directors, Missouri Society of Radiologic Technologists. Officers will submit personality profiles, explanation of duties and responsibilities of their office, and updates on issues that most affect their Office.

As this issue goes to print, Judith Taylor, President - Elect, and Cindy Daniels, Vice President, have submitted a review of their activities with the M.S.R.T.

Judith obtained her Master Degree in Education from the University of Missouri - Columbia. She is currently the Program Director for the Penn Valley Community College School of Radiologic Technology. Judith held the Office of Secretary in 1986 - 87; Conference Program Chairperson in 1987, 1988, and 1991; Membership Chairperson in 1989; Vice President in 1990 - 91; and is active with the Legislative Activities Committee.

Correspondence may be addressed to: Judith Taylor  
2124 N. E. Patterson  
Lee's Summit, Missouri 64063 Telephone (816) 932 - 7671

Judith sends best wishes to Dan and Mike on their appointment as Co-Editors of the Radiographer and a successful first issue.

Cindy extends greetings to the membership, and encourages readers who have not yet joined the Society to do so, particularly in light of the legislative movement. She looks forward to seeing friends old and new at the 1992 Conference.

Correspondence may be addressed to: Cindy Daniels, B.S.R.T. (R)  
5800 Bridleford Lane  
St. Louis, Missouri 63129 Telephone (314) 362 - 1791 or 487 - 7963

### 1992 CONFERENCE KANSAS CITY BOUND

The 60th Annual Conference of the Missouri Society of Radiologic Technologists will be held in Kansas City in early April. Diane Schulte, Program Director for the School of Radiologic Technology at St. Luke's Hospital of Kansas City, will act as Program Chairperson.

As this issue goes to print, site selection and educational programming are still in the developmental stages. Future issues of the Radiographer will update the progress of this event.

### STUDENT FORUM

"Student Forum" will become a regularly featured article. Students who wish to express their opinions concerning the issues that relate to their radiography training will now have a printed forum to do so.

The M.S.R.T. has a great deal of respect for the students of radiologic technology and value their perspective on the topics which affect all of us as professionals.

Students may submit their correspondence anonymously or signed.

The Editors of the Radiographer hope that the students will make the most of this opportunity in an effort to improve the overall quality of their training and to enlighten the working professionals as to their special problems and needs.

We encourage you to also submit photographs with your correspondence.

F.Y.I. - Henry Cashion of the Mineral Area Regional Medical Center, located in Farmington, is the State Coordinator of Student Activities for the M.S.R.T.



A PHOTOJOURNAL OF THE 59TH ANNUAL M.S.R.T. CONFERENCE





## FROM THE MAIL ROOM

"From the Mail Room" will become a regularly featured article. This section would provide space for technologists to announce births, marriages, career promotions, educational achievements, thank you's, anecdotes, etc.

Pam Fulmer, B.A., R.T. has announced the development of a mammography consulting service. "Mammography Consultants - Total Breast Health Education" offers seminars, positioning training, ACR accreditation and troubleshooting technical problems. For more information contact Pam at telephone (816) 373 - 3262.

## TECHNOLOGIST PROFILE

"Technologist Profile" will become a regularly featured article. This section will focus on technologists who represent our profession with special leadership skills, scientific or academic contributions, or personal qualities that deserve recognition. A female and a male technologist will be featured in each issue. Recommendations for individuals to be featured in this section may be sent to the Editors care of The Radiographer.

## M.S.R.T. SEEKS MALLINCKRODT AWARD OF EXCELLENCE NOMINEES

General criteria:

- 1) The final selection will be made by the Awards Selection Committee from candidates provided by the Board of Directors.
- 2) Candidates shall have a minimum of five (5) years of consecutive and current membership in the M.S.R.T.
- 3) Candidates shall be: a) a registered technologist b) supporting member c) other - such as a physician or other interested participant d) non - RTs who have made unusual or exceptional contributions
- 4) All candidates shall have outstanding contributions to the M.S.R.T. above and beyond those normally required by the M.S.R.T. (example - recruiting several new members for several years).
- 5) Technologist candidates for this award may have been previously honored with Life Membership or invited lectureship; they may have served as officers / committee chairman. Candidates may be considered who have not been previously honored.

General information:

- 6) a) "Missouri Society of Radiologic Technologists" shall be spelled out on the plaque presented to award winner b) the name of the winner will be presented by the committee to a representative of Mallinckrodt Diagnostics at least four (4) weeks prior to the Annual Meeting c) candidate nominations shall be open to all M.S.R.T. members and must be forwarded to the Board of Directors meeting of the year in which they are to be considered, mailed to P.O. Box 14333, St. Louis, Missouri 63118 d) the "Master Plaque" will be housed by the Historian and brought to each Annual Meeting for display

## LEGISLATIVE ACTIVITIES COMMITTEE GEARING UP FOR 1992 SESSION

Bolstered by financial support from the A.S.R.T., a Missouri legislature enlightened by an aggressive Legislative Activities Committee, allied health organizational support, and an invitation to speak before the Missouri Radiologic Society this October - "contained optimism" best describes the legislative movement, conveys Michael A. Kleinhoffer, Chairman of the L.A.C.

Kleinhoffer, who has maintained the post of Chairman of the Legislative Activities Committee since the Fall of 1989, developed the "grassroots" strategy in an effort to secure licensure or certification of radiologic technologists within a 2 to 4 year time frame.

Missouri State Representative Carole Roper - Park of Kansas City sponsored the legislation in 1991 that came precariously close to passing the final steps of the legislative process. Representative Roper - Park deserves our heart felt thanks for her efforts in supporting our cause.

Early Fall 1991 will again prove to be critical in re-organizing and strengthening the M.S.R.T.'s strategy for securing this long overdue legislation. It is important that the professionals that are most affected by these measures stay informed of current developments regarding the laws that will have a major impact on the practice of radiologic technology in the state of Missouri. Your M.S.R.T. District Representative will act as the conduit for legislative updates.

Individuals wishing to serve in any capacity as a member of the Legislative Activities Committee should contact:

Michael A. Kleinhoffer  
9th Floor Mallinckrodt Building  
510 South Kingshighway  
St. Louis, Missouri 63110 Telephone - (314) 362 - 2900



## MAGNETIC RESONANCE ANGIOGRAPHY

Cathy Wesner, Student Radiologic Technologist

First Place, Scientific Essay

This scientific essay introduces the technologist to the current clinical applications of Magnetic Resonance Angiography (MRA), provides a primer for Magnetic Resonance Imaging (MRI) physics, and the various protocols that are under investigation and development in order to optimize this revolutionary imaging modality.

Discussion of the two basic strategies implemented for 3D imaging of vasculature blood flow by MRI - phase contrast and time of flight (TOF) methods are covered in detail. Issues of morbidity and mortality are also addressed. Clinically, intra cranial and extracranial carotid circulation have been most successfully imaged by this modality. Future applications regarding abdominal imaging is also discussed.

## LEUKEMIA: A SOMATIC EFFECT OF RADIATION

Janice L. Hickman, R.T. (R)

First Place, Scientific Essay

This scientific essay focuses on the issue of radiation protection. A historical review of the biological effects of man-made radiation is presented, somatic and genetic.

The Yucca Flats and Hiroshima events are discussed in detail, the incidence of leukemia and other relational effects of radiation exposure is discussed in detail.

FOR A FULL REPRINT OF THESE ESSAYS, SEND A SELF-ADDRESSED STAMPED ENVELOPE TO:

1991 SCIENTIFIC ESSAYS

The Radiographer

P.O. Box 14333

St. Louis, Missouri 63178

## STUDENT BOWL IS A SUPER BOWL!

Competition was fierce but friendly again this year as teams of students from the various radiologic technology training programs from around the state gathered to match smarts in the Annual M.S.R.T. Student Bowl.

A packed house cheered on the budding technologists as questions covering various radiographic topics challenged their intellect. The height of this scholastic frenzy was reached when the competition at one point moved into "SUDDEN ROENTGEN DEATH", an elimination process that allowed the field to be narrowed to three finalist teams.

The winners in this years competition were:

FIRST PLACE - MALLINCKRODT INSTITUTE OF RADIOLOGY

PROGRAM IN RADIOLOGIC TECHNOLOGY

St. Louis

SECOND PLACE - ST. LUKE'S SCHOOL OF RADIOLOGIC TECHNOLOGY

Kansas City

THIRD PLACE - MINERAL AREA REGIONAL MEDICAL CENTER

PROGRAM IN RADIOLOGIC TECHNOLOGY

Farmington

This is the second year in a row the Mallinckrodt Team has taken First Place.

This year a record number of teams / schools were involved in the Student Bowl. Congratulations to all students and faculty coaches who competed this year.

The Student Bowl is an absolute highlight of the Annual Conference, and Michael D. Ward and crew deserve a great deal of credit for making this event run as fairly and smoothly as possible.



## WE COULDN'T DO IT WITHOUT YOU!

The 59th Annual Conference of the Missouri Society of Radiologic Technologists could not have been a success without the support of the many corporate sponsors and commercial vendors who, throughout the years, have provided us with their support financially and otherwise .

Their commitment to our Society and its purposes have greatly enhanced the respectability and legitimacy of our profession.

The following is the list of corporate friends who have contributed to this years' Conference, and more importantly, to the future and stability of the Missouri Society of Radiologic Technologists.

**KANSAS CITY X - RAY CORPORATION**

**TEMPS, INC.**

**MALLINCKRODT, INC.**

**WINTHROP PHARMACEUTICALS**

**EXPRESS TECH, INC.**

**CLAYTON X - RAY COMPANY**

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**THE CHILDREN'S MERCY HOSPITAL**

**MAXUM HEALTH CORPORATION**

**SQUIBB DIAGNOSTICS, INC.**

**3M, INC.**

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**PICKER INTERNATIONAL, INC.**

**E - Z - EM**

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**ACUSON**

**EASTMAN KODAK COMPANY**