

Technologist News



*Meet Us
in St. Louis*

This year's annual Society of Nuclear Medicine meeting will be in St. Louis, MO, June 7-10, 1983. An extensive and varied educational program for technologists will be featured. There will be sessions presenting overviews of current clinical and cardiac modalities and instrumentation. And one entire day will be devoted to the presentation of technologists' scientific papers.

For the technologist who has mastered basic cardiac imaging there will be a "nonbeginners' nuclear cardiology" course designed to amaze and intrigue. An experiential management course will introduce some fun techniques for the administrator and the administrated. The Nuclear Medicine Technology Certifi-

cation Board will present workshops on exam validation and item writing.

Educators will present a number of sessions; for example, there will be a special all-day workshop on "the affective domain." An informal forum will present and review a number of teaching resources. In conjunction with advisors from Eastman Kodak, there will be instruction on video systems and lecture slide preparation.

As has been the custom in previous years, there will be a charge for most of the technologist workshops. These workshops are presented in addition to the Society's scientific programs and generate necessary revenue for the operation of the Technologist Section.

Some courses may have restricted registration numbers and it is best to sign up early for them.

A technologist party has been planned for the first evening of the meeting. It will be hosted by the Missouri Valley Chapter and Medi-Physics.

The last meeting of the 1982-83 Scientific and Teaching Sessions Committee will be held Monday evening, June 6, 1983—just preceding the first meeting of the 1983-84 Scientific and Teaching Sessions Committee. Everyone with ideas or input of any sort for technologist programs is urged to attend and participate. —*Frances L. Neagley, CNMT, Chairman, Scientific and Teaching Sessions Committee*

NEW HORIZONS

for the Technologist Section of the Society of Nuclear Medicine

Join our membership wave today!

If you're a nuclear medicine professional, and you're not a member of the Technologist Section and the Society of Nuclear Medicine, you're missing out!

Here are some of the benefits of membership:

- *The Journal of Nuclear Medicine*
- *The Journal of Nuclear Medicine Technology*
- *SNM Newslines*
- Two national meetings per year—with scientific programs, commercial exhibits, social events, and much more
- Books, educational aids, and audiovisuals—frequently discounted for SNM members
- Continuing education programs, continuing education credits (CEU)s, and a centralized CE recordkeeping system (VOICE)
- A national job referral service for job applicants and employers
- And much, much more—including legislative representation, local communication networks, and a centralized source of information concerning nuclear medicine technology

If you're a member, and you're not participating in our membership campaign, you're missing out, too!

Join our membership campaign:

Every member who sponsors ten new members will have his dues waived for one year

The member who recruits the most new members in one year will be given a special award to be presented during the 1983 SNM Annual Meeting

Every member who recruits three or more new members will have his name published in the *JNMT* and *Newslines*

A monetary award will be given to each chapter recruiting a specific number of new members

The chapter that obtains the greatest percentage increase in membership will also be recognized with a special award and reception during the 1983 SNM Annual Meeting

Contact Virginia Pappas, Administrator, Technologist Section, Society of Nuclear Medicine, 475 Park Avenue South, New York, NY 10016 (212)889-0717 or Shelley D. Hartnett, Membership Committee Chairman, Technologist Section, Society of Nuclear Medicine, (303)837-6840.

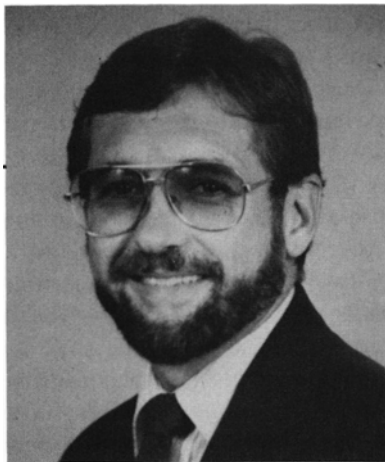
Message from the Presidents

The Section and the ASRT: Opening the Lines of Communication

I would like to introduce James Mom, President of the American Society of Radiologic Technologists. Consistent with our goal of extending our areas of involvement, I asked Jim if he would write a guest message for our Journal. Similarly, I will be addressing the members of the American Society of Radiologic Technologists in an upcoming issue of their publication.

Publication of this letter symbolizes the maturity of both of our organizations. Instead of stressing past differences, we are looking to the future with an eye towards our common aims. Our two societies share similar professional goals for our members even though each has emerged from very different beginnings.

Collaboration between the two organizations has never been more urgent than now. For example, we share concern that efforts to license the users of ionizing radiation are appropriate, and because of this,



—Dorothy Duffy Price, CNMT, President, Technologist Section.

It is an honor to be invited to address the members of the Technologist Section, SNM.

Over the past several years there has been increasing awareness among technologists of the need to work together toward common goals in certification, education, and socio-economic issues. It has become overwhelmingly apparent that we must put forth a united front in order to gain the professional recognition we need from the medical care community and government.

With these factors in mind, leaders of various professional societies have opened informal channels of communication in recent years. A good, relaxed rapport emerged and many of the misapprehensions we previously had about one another's organizations have been overcome. I am very hopeful that we can continue to do this and that our relationships will

we have stood shoulder to shoulder when we addressed this issue with the federal government.

New areas in which we can work together may be developed in the future. They may include collaboration on the development of educational programs, professional standards, and legislative advocacy.

In order to build a strong profession, we need collaboration from all segments. This is more true now than ever because we are in a period of change that will affect health care delivery in the United States. As we face the challenges of cost containment, we need to cooperate. My hope is that Jim and I will be able to work together to increase a better level of understanding on these issues and others for the members that we represent. This is just a first step in that direction. Your feedback will be appreciated.

—Dorothy Duffy Price, CNMT, President, Technologist Section.

continue to grow.

One example of cooperative efforts among associations is the model legislation developed by ASRT's and the American College of Radiology's Joint Task Force on

Legislation. The model legislation is for use by the states in developing their own licensure bills to comply with federal minimum standards for radiation equipment operators.

Although the ACR had opposed licensure of technologists for many years, the model legislation developed by the Task Force was the end result of a great deal of effort—not only on the part of the Task Force but also of many related organizations representing radiography, radiology administration, nuclear medicine, radiation therapy, and radiation control program directors. Each draft of the model legislation was reviewed by representa-

tives of each organization and, whenever possible, their recommendations were incorporated into the model bill.

Further, the model bill was then endorsed by ACR's Board of Chancellors and House of Delegates. This, I feel, is one of the most progressive steps taken in recent years towards unification of our multifaceted profession. Now we must all work very closely at the state level to assure appropriate representation in legislative pursuits aimed at compliance with federal minimum standards. I personally would like to see national or state coalitions of medical radiation specialists—made up of individual associations within our profession—working in unison for our common objectives.

I am happy to announce that after two years of financial stress, ASRT is rapidly recovering and is now in sound fiscal condition. We were able to reinstitute many of the programs we put on hold two years ago and we look forward to continued growth in our ability to represent professionals in all medical radiation specialties.

This year ASRT's objectives include relocating from Chicago, in an effort to reduce operating costs, and restructuring our bylaws to allow delegates to vote and to permit increased representation of the various disciplines within our profession. We will also be directly involved in implementation of new federal minimum standards for medical users of ionizing radiation.

I would like to take this opportunity to invite you to attend our 1983 annual meeting. It will be held in Baltimore, MD, July 24-28. The educational and social programs promise to be very good. Further information can be obtained from the ASRT Executive Office, 55 E. Jackson Blvd., Suite 1820, Chicago, IL 60604.

If I, the Board of Directors, or the ASRT staff can be of any assistance, please do not hesitate to contact us.—James A. Mom, RTR (ARRT), President, American Society of Radiologic Technologists.

Taking Stock at Midterm

The members of this Committee (as well as its chairman) have committed themselves to representing you, practicing nuclear medicine technologists, wherever and whenever necessary. Now, at the midpoint of our commitment, is an excellent time to evaluate the progress we have made and goals we have reached.

Advisory Packet: Our licensure-legislation instructional/advisory packet, as outlined in the September 1982 Journal, is moving along the road towards completion.

A rough draft of the information to be contained in the packet was circulated to all Committee members at our mid-winter meeting in San Francisco in February for comments. Final deletions, additions, and changes were made. Then we gave the copy for the packet to the Publications Committee; we've asked them to cast their editorial eyes upon it to meet with the format established for all material published by the Technologist Section.

We expect to have the packet available for distribution at the SNM Annual Meeting this June in St. Louis.

Current State Licensure Legislation: Our information network, which keeps us aware of pertinent state licensure bills, continues to work well. Two of these licensure bills, from Illinois and Colorado, were discussed in the December 1982 Journal in this column. The most recent of these bills is from Texas; it is titled "The Consumer-Patient Radiation Health and Safety Act of 1983."

This bill is not supported or endorsed

by nuclear medicine technologists. In general, it follows the guidelines of model bills for the licensure of technologists who use ionizing radiation; however, it needs clarification in several areas. For example, noncredentialed technologists would only be granted conditional licenses, which would be good for one year and renewable. The bill defines a "conditional nuclear medicine technologist" as a "person other than a licentiate of the healing arts who is employed in a locality in Texas in which adequate health care would be denied because of the unavailability of an appropriate credentialed person."

The bill would establish a "Medical Radiation Technologists Advisory Board of Texas" composed of two licensed practitioners of the healing arts, one hospital administrator, one health/medical physicist, four licensed medical radiation technologists, and three consumer patients from the public sector. There are 23 sections in this all-encompassing bill. Among the most important are: Section 4, which identifies the duties and powers of the Texas licensing department to "approve programs or courses of study in each discipline for which licensing is required;" Section 13, which identifies the qualifications required for examination; and Section 17, which deals with licensing of current practitioners (the standard grandfathering clause).

If you would like to get involved with nuclear medicine technologists in Texas who are actively tracking this bill's progress, contact Art Hall, CNMT (817) 566-1936.

As similar legislation is introduced across the country, we will keep you informed.

Legislative Network: Our updated listing of the participants in our legislative network was distributed at the National Council meeting in San Francisco. We expect to use the network to mail and distribute our advisory packet once it is completed.

During the San Francisco meeting, we met with James Mom, RT, president of the American Society of Radiologic Technologists, and Ralph G. Robinson, MD, president-elect of the American College of Nuclear Physicians. Both of these organizations have established legislative networks of their own and we met, successfully, to coordinate our efforts. We believe that because we've accomplished this coalition, all practicing nuclear medicine technologists will have access to current and comprehensive legislative information, should they desire it.

Educational Involvement: The legislative session presented in San Francisco was well attended and well received. And so we plan more of the same for St. Louis. The details of this workshop are still being filled in but we can say now that it will take place on Thursday afternoon, June 9; mark your calendars now!

As I hope you can see, we have been busy and effective. We welcome the challenge of acting on your behalf. If you have any questions about regulatory issues, please feel free to contact me.—*Danielle Kavanagh, CNMT, St. Joseph Hospital, Anaheim, CA; (714)771-8140*

Section Seeks Techs for JRCNMT

The Academic Affairs Committee is seeking applications from Technologist Section members who would like to represent the Section as Directors of the Joint Review Committee on Nuclear Medicine Technology (JRCNMT).

The JRCNMT is composed of medical and health professionals from six professional organizations. It is involved with establishing and maintaining standards of appropriate quality for NMT education programs and providing recognition for educational programs that meet or exceed the minimum standards set forth in the *Essentials*.

The Academic Affairs Committee must receive applications by June 1, 1983. The Committee will then recommend to the Section's Executive Committee those applicants they deem most qualified. During its fall 1983 meeting, the Executive Committee will select three applicants from this pool; the President of the Section will then make two appointments, with the approval of the Executive Committee.

The Directors' terms will begin Jan. 1, 1984. The two appointments will be for two and four years, respectively. The Directors' duties

include: attending JRCNMT meetings (spring and fall), submitting a written report to the Section President after each JRCNMT meeting, and submitting summaries to the Section's National Council of Delegates.

Directors serve without pay but are reimbursed for expenses incurred for attending official JRCNMT meetings.

To apply, submit a current curriculum vitae, using the Technologist Section Curriculum Vitae Form for Nominees for Elective Office, and a letter to demonstrate knowledge of the philosophy, functions, and duties of the JRCNMT. Indicate availability of time; willingness and ability to serve; and availability for necessary travel. Support of employing institution must be in writing before appointment is finalized. Applicants must also hold current certification of registration as a nuclear medicine technologist. A statement of any potential conflict of interest must be submitted but this does not preclude appointment.

Submit this information to: Marcia Boyd, CNMT, Nuclear Medicine, Baptist Memorial Hospital, Memphis, TN 38146.

Candidates Announced

During the February Midwinter Meeting, the slate of nominees for the 1983 Technologist Section Election was approved and announced. It is:

For President-Elect:

Maria V. Nagel, CNMT
James J. Wirrell, CNMT

For Secretary/Historian:

Kenneth T. Study, CNMT
Wayne J. Wcislo, CNMT

For Trustee:

James K. Langan, CNMT
Susan C. Weiss, CNMT

For Finance Committee:

Marcia R. Boyd, CNMT
Charles L. Smith

For Nominating Committee:

Mary T. Clarke, CNMT
Thomas W. Crucitti, CNMT
Raymond E. Exten, CNMT
James A. Hook, CNMT
Sue P. Lance, CNMT
Lois E. Padellford, CNMT

For Membership Committee:

Sara Jane Davis, CNMT
John P. Capuzzi, CNMT
Boyd G. Strout, CNMT

Every Technologist Section member (in good standing) will receive a ballot and an election bulletin, which will mail no later than April 8. Ballots must be returned (postmarked) by May 8, 1983.

Tech Notes

Management—Continuing Education Series: We regret that the fourth and concluding article of the "Management Series" does not appear in this issue. It has been rescheduled for a future issue.

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The Nuclear Medicine Technology Certification Board seeks nominations for NMTCB directors. The term will run from January 1984 to December 1986. Anyone interested should contact the NMTCB, PO Box 1034, Stone Mountain, GA 30086.

At our fall meeting, the Board reviewed statistics from the 1982 NMTCB exam. The range of scores for the 951 1982 examinees ranged 139 points—from a low of 48 to a high of 187; the mean score was 129. A performance summary by category follows:

computers and patient care. As NMTCB policy dictates, any new items in these areas will be pretested on at least one exam before they may contribute to an examinee's score. Results of pretests help identify questions suitable for the exam and ensure content validity.

The rapid expansion of knowledge and techniques in nuclear medicine necessitates continual revalidation of the content domain. The NMTCB, therefore, is conducting another survey in San Francisco at the Technologist Section Annual Meeting and again in St. Louis at the SNM Annual Meeting. These surveys will be used to validate the current scope of practice in nuclear medicine technology as well as assist in identification of tasks critical for competent practice. The Board can then determine the components of competence for each critical task. I encourage you to participate in this study so nuclear medicine technologists will continue to have a job-related certification exam and a true measure of competency.

The newly elected technologist directors of the Board are John Kozar, CNMT, James Senecal, CNMT, and Ann Steves, CNMT. R. Edward Coleman, MD, will be the physician member

Category	No. of items	Low score	High score	Mean
Nuclear instrumentation	47	10	45	30
Radiation protection	20	3	20	14
Imaging procedures	49	9	49	32
Nonimaging procedures	49	8	44	27
Dose calibration	19	1	19	14
Radiopharmacy	20	1	20	12

The Kuder-Richardson formula 20 is a measure of the internal consistency of an examination. It is based upon the ratio between the sum of the variances of all exam items and the total test score variance; KR_{20} values above 0.90 indicate an acceptable level of reliability and desirable consistency. The KR_{20} value for the 1982 NMTCB exam was 0.95, the highest value obtained since the beginning of the exam program.

We will hold our next meeting on March 23-27, 1983, in Cincinnati to finalize the composition of the 1983 exam to be given on Sept. 10. The deadline for exam applications is June 2, 1983. Applications are available from the NMTCB office.

The 1983 NMTCB exam will reflect the data obtained from the validation study completed in 1982. This study was conducted to verify that all task-related exam questions represent the current scope of practice of a nuclear medicine technologist. An explanation of this study was published in the December 1982 issue of this Journal. The validation study supported the inclusion in upcoming exams of questions related to

The content specifications outline for the 1983 exam as well as subsequent exams are adjusted to give each area the proper validated emphasis. Examination items will be categorized as follows:

Category	Percent of exam	No. of items
Group I (radiopharmacy, radiation protection, therapy)	30%	60
Group II (instrumentation)	25%	50
Group III (imaging procedures)	25%	50
Group IV (nonimaging procedures)	20%	40

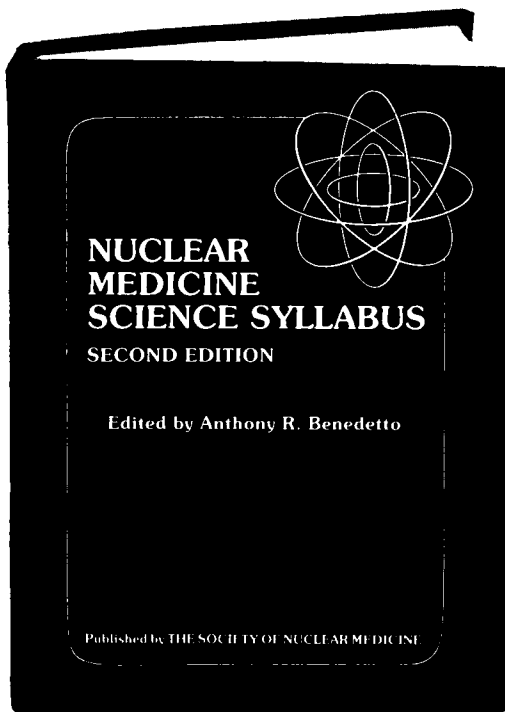
The NMTCB has adopted the following policy: when a radiopharmaceutical is removed from the market, all reference to it will disappear from the exam and our item bank. This begins with the 1983 exam cycle.

NMTCB directors have always welcomed examinees' views. To facilitate this, a page will be included at the end of future exams for remarks.

responsible for medical review. These new board members began serving their three-year terms in January 1983.

The NMTCB report in the JNMT is a viable avenue of communication to the Technologist Section's membership. Please contact me through the NMTCB Office, PO Box 1034, Stone Mountain, GA 30086 with concerns that may be addressed in this report.

Announcing the Second Edition of NUCLEAR MEDICINE SCIENCE SYLLABUS



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"The book is strongly recommended to all engaged in training personnel for work in nuclear medicine, whether the course concerned is aimed at medical, scientific, or radiography staff." — *The British Journal of Radiology*

"This book attempts to catalog and categorize in outline form the more pertinent journal articles and book chapters relating to the extensive field of nuclear medicine science. The result is surprisingly detailed, complete, well-organized, and clear." — *Medical Ultrasound*

"The Syllabus appears to be a sound investment for any nuclear medicine department actively involved in the teaching of students." — *American Journal of Roentgenology*

Ordering Information: \$30.50 plus \$2.50 postage and handling for each book ordered. Pre-payment required in U.S. funds drawn on U.S. banks only. No foreign funds accepted. For payments made in U.S. dollars, but drawn on a foreign bank, add a bank processing fee of \$1.50 for Canadian bank drafts or \$20.00 for all other foreign bank drafts. Check or purchase order must accompany all orders. Make checks payable to: The Society of Nuclear Medicine. *Prices are subject to change without notice.*

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