Technologist News

Conway Report to JCAE on Transportation of Radiopharmaceuticals

The Special Panel to Study the Transportation of Nuclear Materials appointed by the Joint Committee on Atomic Energy issued its report covering transportation of radiopharmaceuticals on September 17th. Among the numerous conclusions and recommendations of the panel, the following affect transportation of radioactive drugs.

The committee concluded that the present maximum levels of radiation permitted for radioactive materials on passenger aircraft should be lowered —from the presently acceptable maximum permissible Transport Index (TI) of 10 to a TI of 1. In addition, the maximum permissible level of 200 mrem/hr at the package surface should be lowered by a factor of one fourth to one half (to 50—100 mrem/hr). Total maximum permissible quantities of curies of radionuclides per package should be lowered by a factor of at least 10 below present limits.

In addition, the committee concluded that no radioactive material with a half-life higher than 29 days should be carried on passenger aircraft. It also stated that packages containing radioactive material for air shipment should be monitored after leaving the supplier and before being loaded aboard the aircraft to assure compliance with applicable Federal regulations. The responsibility, the committee feels, should be assigned to a single Federal regulatory agency responsible for enforcing regulations and not to the airline carrying the cargo. The responsible Federal agency should also be responsible for periodic inspection to assure all regulations pertaining to air transportation of radioactive materials are being complied with.

The committee also made a number of recommendations: that the use of land transportation be investigated for use whenever possible; that hospitals and physicians attempt to purchase their short-lived radioisotopes from the closest supplier; that the medical profession seriously consider revising its schedules of requiring generators to be on hand Monday morning; that airlines assume voluntarily a more active role in monitoring their operation with regard to shipping radioactive materials; that high-level radiation monitors be installed in cargo handling spaces; that until and unless carriers become licensed to handle radioactive materials shippers be held responsible for safe shipment of materials until they reach their destination; that film badges or TLDs be installed on selected aircraft, both passenger and cargo, to be read each 30 days; and that passengers be told, if they ask, that an aircraft is or is not carrying radioactive material.

The panel believes that with only a few exceptions the majority of its conclusions can be adopted through administrative action since they would be within existing statutory authority. The SNM Transportation Committee is reviewing the report and will respond appropriately.

Members of the panel are John T. Conway (Chairman), Executive Assistant to the Chairman of the Board of Consolidated Edison; Carmine S. Bellino, formerly Administrative Assistant to J. Edgar Hoover and in charge of the FBI's Accounting Unit; K. Z. Morgan, Professor, Nuclear Engineering, Georgia Institute of Technology; John G. Palfrey, Professor of Law at Columbia University; Theodore B. Taylor, Chairman of International Research and Technology Corp.; and William Wegner, Deputy Director of Naval Reactors Division of the AEC.

AEC to be Dissolved: New Agencies Formed

In less than 120 days the U.S. Atomic Energy Commission will be dissolved, replaced by two new Federal energy agencies: the Energy Research and Development Administration (ERDA) and the Nuclear Regulatory Commission (NRC). Together the new agencies will have a budget of at least $4.2 billion and will employ at least 92,107 government and contractor personnel.

The ERDA is expected to take over the R&D activities of AEC as well as portions of the energy R&D programs of the Interior Department, the National Science Foundation, and the Environmental Protection Agency. The new agency will be run by an administrator, a deputy administrator, and six assistant administrators, each responsible for one of six areas —fossil energy; nuclear energy; environment and safety; conservation; solar; geothermal, and advanced energy systems; and national security. All will be appointed by the President with the advice and consent of the Senate.

The Nuclear Regulatory Com-

mission will inherit AEC's regulatory functions. NRC will be headed by five commissioners who are to be appointed by the President with the advice and consent of the Senate.

See You in Houston!

The program is out, and the plans are in full swing to make the Second Winter Meeting in Houston on February 7-9, 1975 an experience none of you will want to miss —a perfect blend of workshops, general sessions, and an exciting social program!

Subjects to be covered by workshops include five on radioimmunoassay, one on how to write a technical paper, a panel on laboratory administration, a review of educational programs, a review of both academic and clinical teaching methodology, two sessions on pulmonary work, sessions on brain, renal, and myocardial imaging, a session on photographic methods, one on Polaroid film artifacts, and one on radiopharmaceutical quality control. Be sure to send your registration form in quickly since participation in workshops is limited and they will be assigned on a first-come, first-serve basis.

Commercial exhibits are an important part of the educational program planned for the meeting, and all registrants will spend a minimum of two hours in the exhibit hall as part of their workshop program.

Certificates of attendance will be given to those who attend at least 12 hours of workshops.

The Local Arrangements Committee has made sure that this meeting will *not* be all work and no play! Thursday evening will be everyone's chance to rekindle old friendships and light some fires under new ones at the traditional Ice-Breaker Cocktail Party —this year, as a first, held in the Exhibit Hall. Friday night is left open to the whim of each individual. On Saturday, hop on a bus from the hotel at 7:00 p.m. to "A Night in Orbit" —an evening of fun with the theme of the space program of Houston's own NASA. A delicious buffet, three complimentary drinks and "out-of-this-world" music will keep you going all evening.

See you in Houston!

Have Input into Your National Council

Have some suggestions? Want to have input into the workings of your Section? Then contact your National Council Delegate soon (a list was published in the September *JNMT).*

The National Council Delegates will be meeting in Houston on February 5-6, 1975 to plan for the next six months of the Section operation and they need your input in order to represent your wishes.

So contact your representative now!

Message from the Membership Committee

The Technologist Section Membership Committee, like any other committee within the Section or Society, functions as a workhorse for new and prospective members. The Committee's role, however, is not to be connoted as a total "Beast of Burden." Membership in the Section can only maintain its viable status by the guidance and direction given by the current members. The assistance of each member is necessary to demonstrate to all nuclear medicine technologists that the Section is responsive to needs, provides educational activities, and represents nuclear medicine technologists to new and prospective members as well as in all activities involving nuclear medicine technology. So far the membership of the Section is increasing. You, the nuclear medicine technologists everywhere, in the United States and abroad, are actually members of the Membership Committee in view of the fact that your intimate association with your colleagues represents what the Section is and what the Section does. Your recruitment activities should continue and expand. Without you the lifeline of the Section cannot grow; our Section needs the input of many individuals, and this will be realized by continually encouraging and soliciting the participation of new members.

Any questions that current members may have or those of prospective members should be directed to the Membership Committee. Contact the National Office for copies of the pamphlet on the Section and membership application blanks to distribute in your area.

GLENN A. ISSERSTEDT
Chairman,
Membership Committee

Nuclear Medicine Audiovisuals

The Section of Nuclear Medicine at St. Louis University and St. Louis Veterans Administration Hospitals is in the process of developing and producing videotapes in nuclear medicine technology. The production list includes tapes on basic laboratory techniques, instrument operation and maintenance, emergency procedures, radiation safety, patient management, medical terminology, radiopharmacy, clinical nuclear medicine procedures, and departmental administration. The facility includes two broadcast-quality color television studios

for program production manned by a professional production and engineering staff. A copy of every production is made available to the Veterans Administration Audiovisual Consortium Library. Assisting in this project are the resources of the Regional Medical Education Center and Veterans Educational Training and Extramural Regional Audiovisual Network.

SHEILA ROSENFELD, B.S.,
R. T. (ARRT), M.A.
Educational Coordinator
Nuclear Medicine
St. Louis VA Hospital (172-JC)
St. Louis, Missouri 63125

Word from the Continuing Education Committee

The Continuing Education and Publication Committee was separated into two committees as a result of a bylaws change at the 1974 Annual Meeting in San Diego. The prime mission of the newly constituted Continuing Education Committee is to make recommendations to the President of the Technologist Section, the Executive Committee, and the National Council on educational matters involved within the Section and for all nuclear medicine technologists.

This year the Committee plans to devote attention to the following major educational activities:

Continuing education units. A national task force is currently studying a plan to provide a uniform nationwide system to account for continuing educational experiences. The Continuing Education Committee will attempt to provide a system for evaluating relevant experiences in nuclear medicine technology that will be compatible with the nationwide system.

Resource directory. This document provides a list of persons who are available to local chapters to lecture on various topics of concern and interest to the membership of local chapter groups and the Section. We will update the directory and set up a system to allow maximum utilization.

Instructional media audiovisual aids. The Committee will keep abreast of developments in all types of instructional media (film strips, slides, cassettes, movies, videotapes, etc.), and we will arrange to have them reviewed in the *Journal of Nuclear Medicine Technology.*

Regional and national workshops, symposia, seminars, etc. A proposal will be drafted for educational activities to be cosponsored by local chapters and the national Section. There are five categories of activities that could be covered:

1. *Registry review sessions.* A comprehensive review of the subjects listed in the "Essentials of An Approved Program in Nuclear Medicine Technology."
2. *Refresher courses.* A review of instrumentation, radiopharmaceutical and clinical techniques for persons who have been out of the field for a significant length of time.
3. *Technical updating.* Presentation of recent developments in equipment, radiopharmaceuticals, etc.
4. *Administration.* Presentation of topics of interest to chief technologists, administrative assistants, and supervisors, i.e., budget, personnel management, administrative policy, etc.
5. *Education.* Presentation of topics of interest to persons in educational programs; i.e., curriculum review, testing, instructional media, academic administration, problems, etc.

The Committee will rely heavily on the input of the membership in many of the topics. We also need to know what other projects and interests to pursue.

The following individuals belong to the Continuing Education Committee for the 1974-75 year:

Connie Brennan, 4404 Morganford St., St. Louis, Mo. 63116.

Elaine Cuklanz, Dept. of Nuclear Medicine, University of Colorado Medical Center, Denver, Colo. 80802.

Louis M. Izzo (Chairman), Rowell Building, University of Vermont, Burlington, Vt. 05401.

Michael Kusch, Muskegon General Hospital, 1700 Oak St., Muskegon, Mich. 49442.

Douglas Wigton, Nuclear Medicine Dept., Penrose Hospital, Colorado Springs, Colo. 80901.

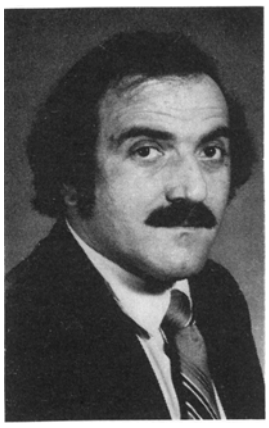
LOUIS M. IZZO
Chairman,
Continuing Education Committee

Chapter News

Central Chapter

The Central Chapter Technologist Section has become a formally organized group. Since the adoption of its bylaws at the Indianapolis meeting, the group now has the organizational structure necessary to function effectively. The Chapter held its first election of officers and annual business meeting in conjunction with the Central Chapter Spring Meeting, March 23 and 24, in Chicago. The elected officers took charge of the affairs of the Section immediately and have established a close relationship with the physicians of the Central Chapter, including sharing fiscal responsibilities for meetings and programs. Lois Moore of Chicago, Chairwoman of the Section for the 1974-75 term, attended the San Diego meeting as the Central Chapter delegate to the National Council of the Tech

Message from the President



Since my last message to the membership, several issues have come about that I would like to bring to your attention. Some of these issues and the progress made at this point are as follows.

Since the Annual Meeting in San Diego this summer, things have moved very slowly regarding the Technologist Section gaining two seats on the Joint Review Commission. In June, the JRC unanimously voted to recommend to their respective organizations that the Technologist Section be seated on the JRC. Those voting were representatives of the ASCP, ASRT, SNMT, ACR, and the SNM, which is something the Section has strived for during the past several years. On hearing this news, the Executive Committee was delighted. What appeared to be the first hurdle of many has been overcome. It now appears that two of these sponsoring organizations were not as convinced as their representatives that the Technologist Section should be seated on the JRC. This is somewhat disappointing, but we shall continue to work for our representation on the JRC. In-roads to organizations such as the JRC and the Council on Medical Education are traditionally slow. Since the Technologist Section's only business is that of nuclear medicine technology and not that of radiologic technology or clinical pathology, it would appear that the JRC is missing a vital link in their organization. The JRC is an important organization and has the responsibility for developing criteria and standards for nuclear medicine technology training programs as well as site visiting and approving schools of nuclear medicine technology. For the JRC and the Council of Medical Education to continue to operate without the valuable input from the Society of Nuclear Medicine Technologist Section would be as ludicrous as manufacturing freezers for installation in igloos. Hopefully, the sponsoring organization of the JRC will see this issue as one designed for the betterment of nuclear medicine technology so that better technologic patient care can be delivered to the patients we serve, and not as one of a political nature.

The Technologist Section is still vitally interested in keeping open lines of communication with the SNMT, so that the issue of two nuclear medicine technology populations can be resolved

Section. With the support and approval of the Section, she made the following recommendations to the National Council.

1. That the Chapter have an electoral vote.
2. That the membership lists be accurate, updated, and coded according to the category of membership.
3. That the Section form a committee on socioeconomic affairs.

The Central Chapter Technologist Section was well represented at the San Diego meeting. All officers of the Section attended as well as a large contingent of techs from all six of the Central Chapter states. A total of 12 papers and exhibits were presented by Central Chapter technologists.

The Fall Chapter meeting was held in Minneapolis, October 17-19. Theme for the meeting was "Three Days of Nuclear Medicine" which included teaching sessions on bone scanning, quality control, communication, radioimmunoassay, and brain scanning. Invited papers and exhibits were also presented. The annual business meeting was also held at this time.

The technologists of the Central Chapter have become concerned with the issue of state licensure, unionization, and other socioeconomic problems. Programs concerning these issues have been presented at the local level. In addition, the Central Chapter, in cooperation with the Technologist Section, has planned a continuing education program for technologists to be presented in five cities within the Chapter.

Larry Newton of Detroit, Michigan, is hoping to stir up some action from some of the people in and about his area. As in many areas, the problem of apathy exists. He would like to do something to change this. If

and put aside and so that together we can move ahead in our efforts to improve the field of nuclear medicine technology within the medical community. Better continuing education, proficiency examinations, and scientific forums and meetings can be accomplished sooner and smoother when we are once again united to accomplish these goals. I am appealing to those SNMT members who are readers of the *JNMT* to put aside your suspicions and consider the work to be done to obtain those things we all know are needed in nuclear medicine technology now as well as in the future. The SNMT has a wealth of administrative talent and ideas that are needed now. To those members of the SNMT who have in the past attempted to resolve this issue, I would like to encourage them to continue in their endeavor. The Technologist Section would like to resolve this once and for all. In order for further negotiation to develop, the Executive Committee and membership of the SNMT must identify their officers and instruct them to work on this problem.

The Scientific Program Committee has been earnestly and busily working toward the development of the Midwinter and Annual Meetings. Your announcements, programs, and registration forms for the Midwinter Meeting should be in your hands by now, and it should bear out the fact that the Technologist Section has once again been able to provide you with a continually improving scientific meeting; this is not the meeting to miss. The Local Arrangements Committee in both Houston and Philadelphia have some exciting plans. As in the past, their enthusiasm and innovativeness will result in fantastic social activities away from the scientific program.

You should have received a Technologist Section questionnaire regarding registration in nuclear medicine. I cannot overemphasize the importance of this questionnaire to you and your fellow technologists. If you have not completed it and sent it back to the SNM, by all means do so. If you no longer have your copy, contact the SNM and an additional copy will be sent to you. The Executive Committee and your National Council Delegates are immensely interested in your response to these important questions.

In closing, may I add that your input to the Technologist Section is not only needed, but it is expected.

VINCENT V. CHERICO
Peter Bent Brigham Hospital
Boston, Massachusetts

you feel the same way, too, drop him a line. He'd really like to hear from you. He may be reached at William Beaumont Hospital, Div. of Nuclear Medicine, Royal Oak, Mich. 48072, tel. (313) 549-7000.

Eastern Great Lakes Chapter

Great news from the Eastern Great Lakes Chapter! At its Fall meeting in Buffalo, the group formed a Tech Section Chapter and elected the following officers: President and National Council Delegate, Charles Henry; Vice President, Michael Tusean; Secretary, Carol Ross; and Treasurer, Arlene Davies. The officers were charged by the membership with the responsibility of forming an ad hoc committee to draft bylaws (they move fast; the National Office has already received a draft) as well as to initiate a membership drive.

All techs in the area of the Eastern Great Lakes are urged to contact Chuck Henry quickly —and become involved in the excitement of forming a new Chapter.

Greater New York Chapter

The Greater New York Chapter continues to work hard to maintain its rapidly growing membership—the fastest growing in the Technologist Section. Its activities include the one-day review and management development symposium held October 26th in New Jersey which was a big success. Mary Ann Pondish, chairman, and the program committee did an outstanding job of putting the program together. Plans for the 4th Annual Spring Symposium are moving along under the direction of Sherry Lee and her Committee. The meeting will be expanded to two days of workshops and commercial exhibits. Mark your calendar now

to attend — April 25th and 26th at the Sheraton Heights Hotel on Route 80 in New Jersey. Attendance is expected to easily exceed last year's 300.

New officers of the Long Island Society are: President, Norm Olsen; Vice President, Mike Goldberg; Secretary, Steve Thompson; and Treasurer, Madaline Li. In the Delaware Valley Society, the new officers are: President, John Reilley; Vice President, Marcia Lesser; Secretary, Joan McKoewn; and Treasurer, Robert Krumm. This local group has been actively involved in helping to set up local arrangements for the 1975 June meeting of the Society in Philadelphia. Paul Hancock, chairman of the Local Arrangements Committee, has been lining up some exciting activities for the Technologist Section to sponsor.

Incorporated state societies of nuclear medicine technologists have been formed in both New York and New Jersey to represent the profession of nuclear medicine technology at the state level. The New York State Society will have its hands full because of the recent state interpretation forbidding intravenous injection of radiopharmaceuticals by nuclear medicine technologists (see *JNMT* 2: 73-74, 1974). Physicians are prohibited from delegating injection even under direct supervision.

Greater New York Technologist Chapter members can call the following local people when having problems. The Chapter Counselor will in turn present the issues to R. Pollack, the President of the Chapter.

Sheldon Ashley
Nuclear Medicine Department
Flushing Hospital
45th Avenue and Parsons Blvd.
Flushing, N.Y. 11355

Nancy M. Blosser
1251 Barley Corn Square
Harrisburg, Pa. 17112

Violet C. Custer
Nuclear Medicine Department
Long Beach Memorial Hospital
455 East Bay Drive
Long Beach, N.Y. 11561

Kurt Farhy
Nuclear Medicine Department
Dover General Hospital
Jardine Street
Dover, N.J. 07801

Joyce Giannelli
Nuclear Medicine Department
Hartford Hospital
80 Seymour
Hartford, Conn. 06115

Paul A. Hancock
Nuclear Medicine Department
Rolling Hill Hospital
60 East Township Line Road
Elkins Park, Pa. 19117

James Henning
Nuclear Medicine Department
Memorial Hospital
444 East 68th Street
New York, N.Y. 10021

Norman C. Olsen
Nuclear Medicine Department
St. John's Riverside Hospital
North Broadway
Yonkers, N.Y. 10701

John Phander
Nuclear Medicine Department
Monmouth Medical Center
3rd and Pavilion Avenues
Long Branch, N.J. 07740

Mideastern Chapter

The Chapter's nuclear medicine registry review sessions were held on three successive Saturdays, October 12, 19, and 26, 1974. The course was cosponsored by the Bureau of Radiological Health and the SNM Mideastern Technologist Section. It was well received by local technologists and was oversubscribed. Additional programs such as this are being planned for the Spring.

The Annual Fall Symposium was held on November 9, 1974 in Arlington, Va. The program included workshops and presentations by several well-known nuclear medicine practitioners.

The grass-roots organizations within the Mideastern Chapter resumed their local meeting schedules. The Old Dominion group had another excellent symposium in early summer which has become an annual event that shouldn't be missed. The Chesapeake group has featured such programs as crab feasts with their meetings and speakers from as far away as Tasmania. This group has found that having meetings in conjunction with dinner has increased attendance greatly.

Missouri Valley Chapter

The Greater St. Louis Society of Nuclear Medicine Technologists held a meeting at St. Louis County Hospital, Tuesday, September 3. Isotope venography with the use of ^{99m}Tc-labeled microspheres was the subject of discussion. Election of officers will be held at the next local meeting.

"Technetium from Production to Clinical Use: A Comprehensive Study" was the theme for the annual meeting of the Missouri Valley Chapter that was held November 2 and 3 at the Ramada Inn in Columbia, Missouri. The weekend began with a hospitality Guest-Night for the participants to get acquainted. Saturday morning sessions included such topics as: "Technetium Radiopharmaceutical Production and Quality Control," "Generators — Past, Present and Future," and "Dosimetry of Technetium Radiopharmaceuticals." The morning sessions were followed by a business meeting where members of the Chapter voted on official bylaws for the Chapter. In accordance with these bylaws, the President of the Chapter will also assume the position as National Council Delegate for the Technologist Section of the

Society of Nuclear Medicine. In the afternoon after the business meeting there was a reactor tour available for those who wished to attend. A complimentary cocktail party followed the day's events. On Sunday selected scientific papers on the current uses of ^{99m}Tc compounds were presented. The sessions ended with a panel discussion of the practical problems associated with the uses of ^{99m}Tc compounds. The meeting was well attended and very much enjoyed by all who came.

A beer and pizza party broke the ice for the third registry review which was held November 9–11 at the Ramada Inn in Omaha, Neb. The participants attended review sessions on all aspects of nuclear medicine technology. At the end of the 2 days of lectures, a simulated registry exam was given. Forty-five technologists attended. Overall, it was felt that the review sessions were extremely helpful and comprehensive. Special thanks must be given to Mark Muilenberg of Omaha for performing a superb job in organizing this event.

Northern California Chapter

The Northern California Chapter with the cosponsorship of the Continuing Education Committee of the National Tech Section held a Registry Review on April 19th and 20th, 1974 at Mary's Help Hospital in Daly City, Calif. The program was designed to review basic physics, present new procedures, and reinforce basic concepts of nuclear medicine both for those anticipating a registry examination and for the working technologist. Take-home exams were provided. The Review, with 80 persons in attendance, was considered a success in every way.

The 6th Conjoint Meeting of the Northern and Southern California Chapters was held on October 25th and 26th at the Downtown Hilton Hotel in San Francisco. The program included two workshops, papers, and commercial exhibits and was well attended. Many excellent papers were presented, including two by technologists. The Technologist Section was responsible for the registration.

During the Business Meeting, the following new officers for 1974–1975 were announced: President-elect, Arleen O'Brien; Vice President, Rose Ann Anderson; Secretary-Treasurer, Laura Herradora; Program Chairperson, Paul Tegan; and National Council Delegate, James Kellner. The President is Dorothy Duffy Price.

A document entitled "Laws Relating to Nuclear Medicine Technology," a final draft on proposed legislation, was developed by a joint committee on legislation of the Northern and Southern California Tech Sections. This document is currently being revised by the Ad Hoc Committee on Legislation of the Northern California Chapter. Its final draft will be circulated to the entire Northern California membership in approximately one month for input. Then, hopefully, it will be presented to the State Legislature to be rewritten, analyzed and ultimately made into law.

Pacific Northwest Chapter

The Annual Winter Meeting for the Pacific Northwest Chapter is planned for December 6 - 7, 1974 in Vancouver, B.C. The Technologists' meeting is planned for December 4-5, also in Vancouver. The main presentation at this meeting will be Squibb's Advanced Technologist Program. Those interested in attending should contact: M. B. Spruston, Dept. of Nuclear Medicine, St. Paul's Hospital, Vancouver, B.C., Canada.

Monthly meetings have begun for the winter season in Seattle for reviewing difficult and unusual scans.

Pittsburgh Chapter

Although not heard from often, the Pittsburgh Chapter does exist. However, Lance Rose, President of the Chapter, reports a lack of response does exist in this area. There are some members in this group who are interested in participating, but unfortunately, are never heard from. Lance Rose is making a whole-hearted effort to try to unite this group once again. Those who would be sincerely eager in forming a more unified structure may contact Lance at Presbyterian University Hospital, Dept. of Nuclear Medicine, 230 Lothrop St., Pittsburgh, Pa. 15213, tel. (412) 682-8100. He's looking forward to hearing from you. Give it a try!!!

Southeastern Chapter

The Florida State Society of Nuclear Medicine Technologists along with the Tampa Bay Nuclear Medicine Society hosted the Southeastern Chapter Society of Nuclear Medicine Annual Meeting October 31–November 2, 1974 in St. Petersburg, Fla. The program committees did an outstanding job preparing for this meeting.

The scientific program consisted of selected contributed papers that offered the most recent advances in knowledge of the various aspects of nuclear medicine.

The educational program this year emphasized clinical decision-making in nuclear medicine. Speakers evaluated the various nuclear medicine tests that are used in the thyroid, neurologic, cancer, cardiac, respiratory, renal, and hematologic patient and related each study to the clinical patient's problem.

Southern California Chapter

Newly elected officers of the Southern California Chapter are Danielle Gueorev, President; Kirk Finch, President-elect; Shirley Cash, Vice President; Naomi Bell, Secretary-Treasurer; Mel Williams, National Council Delegate; and Eileen Brief, Alternate National Council Delegate.

In the San Diego Segment, Donald Hughes is the new President, Sally Van Ormer the Vice President, and Francine Bennet the Secretary.

In the Orange County Segment, Mike Christensen is the President and John Brown the Secretary.

In the Arizona Segment, known as the Tucson Nuclear Technologists (TNT), new officers are Marion Allen, President; Lee Cline, Vice President; and Jeanette Frost, Secretary.

Southwestern Chapter

The Southwestern Chapter is busy preparing for the Second Winter Meeting of the Technologist Section to be held in Houston, February 7–9, 1975. Members of the Southwestern Chapter are working hard to insure that the technologists in that area will give the necessary support to make this meeting a success. Papers and exhibits will be presented.

The Chapter is pleased to announce the publication of its first Newsletter. It is hoped it will prove to be a tool in continuation of communications within the area.

On September 20–21, the Arkansas Nuclear Medicine Technologist Group presented its annual symposium. The technologists in this area were very active and sponsored a very educational program. In addition, on September 28, the North Texas Technologists Section (Dallas-Fort Worth) held an excellent symposium on basic nuclear medicine.

Quality Control Workshop Held in Cincinnati

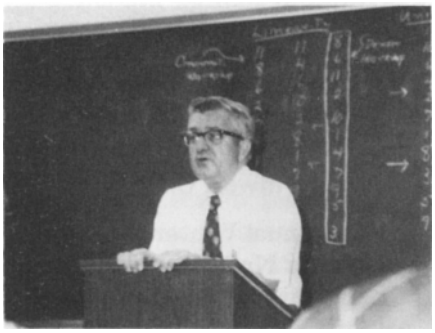
On September 20 and 21 the Bureau of Radiological Health sponsored a workshop on nuclear medicine instrumentation quality control at the University of Cincinnati.

This very worthwhile program began at noon on Friday, September 20th. The program of the afternoon concerned itself with the theory and operation of nuclear medicine instrumentation, such as scintillation cameras and dose calibrators, as well as the importance of quality control. On Saturday the program participants were assigned to either Cincinnati General, Jewish, VA, or Children's Hospital for the purpose of performing hands-on quality control procedures on instrumentation familiar to them. A technologist and a physicist were present at each hospital to assist the program participants.

This was the second such quality control workshop sponsored by the Bureau of Radiological Health. The first was conducted at the University of Colorado by William Hendee. Richard VanTuinen of the Bureau of Radiological Health recognized the importance of the Colorado program and decided to sponsor other such programs.

The Bureau of Radiological Health and the University of Cincinnati staff are to be commended for their efforts in organizing and conducting this long-needed program.

Participants at the University of Cincinnati quality control workshop listened eagerly . . .



as James Kerriakis discussed the fundamentals of quality control . . .

. . . and then participated in hands-on quality control sessions.

What Kind of a Member Are You?

What kind of a member are you? Do you participate in the activities of the Tech Section on a national and local scale? Or are you the nonparticipating kind?

One society recently classified its nonparticipating members in the following way:

- A checkbook member, who promptly pays his dues and then retreats from further involvement, hoping always that there will be others who will do the work.
- A prestige member, who is willing to allow his name to be used for promotional purposes, but will flee any personal responsibility or active leadership.
- A coattail member, who is proud to display the membership certificate on the wall of his hospital, but too timid to get involved.
- A chronic joiner, who belongs to everything and is too confused to fix logical priorities for himself. The chronic joiner wants to help a good cause without being bothered about issues.

Don't be one of these! Become involved in the activities of the Technologist Section. For more information, contact your National Council Delegate or the Technologist Section National Office.

Test Your Knowledge

1. In a parent-daughter generator system:
   a) The rate of increase of daughter activity is dependent upon the length of the half-life of both the daughter and parent.
   b) The rate of increase is dependent only upon the length of the parent half-life.
   c) The rate of increase is dependent only upon the daughter half-life.
   d) The rate of increase is dependent upon the total initial parent activity.

2. The permissible levels of contamination of the ^{99m}Tc eluate at the time of elution may be correctly stated as
   a) Not more than (NMT) 1 μCi ^{99}Mo/mCi ^{99m}Tc, and NMT 0.05 mg aluminum/10 mCi ^{99m}Tc.
   b) NMT 1 μCi ^{99}Mo/10 mCi ^{99m}Tc, and NMT 500 mg aluminum/10 mCi ^{99m}Tc.
   c) NMT 1 μCi ^{99m}Mo/mCi ^{99m}Tc, and NMT 500 μg aluminum/10 mCi ^{99m}Tc.
   d) None of the above.

3. One must always be concerned with the need to minimize the "breakthrough" of Al^{3+} and other oxidizing agents in radionuclide generators because
   a) It has been shown that greater than 125 μg of these agents has caused "flocculation" of sulfur colloid preparations.
   b) These substances will cause the eluate to be nonsterile.
   c) These substances precipitate $Na^{99m}TcO_4$.
   d) These substances, even in minute amounts, have been shown to cause dangerous tissue damage.

4. The rationale for detecting the presence of ^{99}Mo in a lead-shielded vial containing ^{99m}Tc is that
   a) ^{99}Mo has a much longer half-life.
   b) The half-value layer of ^{99}Mo in lead is approximately 25 times that of ^{99m}Tc in lead.
   c) One can detect the beta particles resulting from the decay of ^{99}Mo.
   d) The half-value layer of ^{99}Mo in lead is approximately 1,250 times that of ^{99m}Tc in lead.

5. One of the first ^{99m}Tc compounds to be used for renal scans – the so-called Tc-iron-ascorbic acid complex
   a) is an excellent kidney scanning agent, but not often used because of preparation problems.
   b) is available in an unsterile kit.
   c) is not an optimum agent because it accumulates in the liver when kidney function is compromised.
   d) is no longer available because of acute renal toxicity.

6. The rationale for the use of chelating agents in nuclear medicine lies in the fact that
   a) they are specific for and bind to, the kidney tubules.
   b) they prevent particles from damaging renal tissue.
   c) they bind heavy metals securely, and then remove them from the body through the renal system.
   d) they are the only agents that are taken into brain tumor tissue.

ANSWERS: 1-a; 2-c; 3-a; 4-b; 5-c; 6-c.

Foundation Offers Financial Support to Needy Meetings

Using an initial donation from Searle, the SNM Education and Research Foundation has established a fund to help support needy educational meetings put on by chapters which it judges crucial to progress in nuclear medicine. So far four groups have received assistance. Applications for support of meetings are considered by the Foundation on the basis of merit, need and availability of funds. Those groups interested in requesting support should contact the President of the Foundation, Richard S. Benua, 82 Willow Ave., Larchmont, N.Y. 10528.

Tips from Your Executive Director: How to Prepare a Scientific Exhibit

But I don't know how!
It's too much work!
It's too expensive!

It's not! Anyone can prepare a scientific exhibit without much effort or expense. So consider submitting a scientific exhibit for the June Annual Meeting (deadline, April 15th), for your local chapter meeting, or as a display in your hospital. It's not difficult if you follow the steps given here!

By its very nature, nuclear medicine lends itself well to visual presentation. Often your work can be presented more comprehensively in the format of an exhibit than a presented paper. And a scientific exhibit can complement the material presented in your scientific paper — expanding on its contents.

Why consider making a scientific exhibit covering your work?

- —Many more people can view the work in your exhibit during the meeting than can attend the presentation of your paper because of space limitations.
- —People can take time to review your material at their leisure — assimilating the information at their own pace.
- —You can receive recognition for your work by being given an award for its excellence.

Is the Subject Right for an Exhibit?

Some material lends itself well to the format of a scientific exhibit. Other material does not. Review your material carefully to make sure that it can best be presented as a scientific exhibit. Here are some guidelines of what a successful scientific exhibit accomplishes:

- —Introduces new and original ideas, scientific and clinical results, or unusual techniques that are difficult to describe within the limitations of the time and audiovisual resources available for a presented paper.
- —Displays visually a unique or unusual experience resulting from the exhibitor's particular interest and patient population.
- —Reviews a well-known subject to eliminate misconceptions or to develop an important related topic.

What Do I Need?

You can construct your exhibit easily and economically from three-ply artist posterboard on which you mount enlarged photographs and text. This posterboard is then easily hung on the pegboard provided at no charge by the Society at its exhibit.

Choosing the posterboard. You can buy posterboard from any art supply store or picture frame shop. The advantages of posterboard are that it has a nonreflective surface that does not cause glare from overhead lights, and it can be bought in a variety of colors. A word of caution, however, about color. Although colors can be used to improve the appearance of a scientific display by harmonizing with the lettering and artwork, combinations of harsh colors or the use of dull colors can detract from the informational content of the exhibit. Unless you are certain of the success of your color combinations, it is safer to use medium tones and to avoid mixtures and patterns.

Ask the store to cut the board into 30 x 30-in. sections — the dimensions required by the Society for its technologist scientific exhibits. You are allowed a maximum of two posterboards for each exhibit.

Choosing the photographs. Choose the pictures for your exhibit carefully. Do not include too many since this will give the exhibit a jumbled appearance. Use pictures that are large enough so that they can be seen at a distance. Photographs that are 8 x 10 in. or 11 x 14 in. give best results. Make sure the photographs are of high quality, have good contrast, and will explain clearly the points you wish to emphasize.

Telling the Story

Whatever the subject, it is important to "tell the story" clearly and concisely in your exhibit so that those visiting it will understand what you have to say even when you are not there to explain it. Once you have the posterboard and

photographs, plan the sequence of your exhibit carefully so that it will be most effective.

Start with a heading that summarizes in not more than ten words the subject of your exhibit. Then write an introduction that states the purpose of the exhibit, perhaps complemented by an outstanding photograph. Follow this with as many individual sections as are necessary to make your point. End with a section that summarizes only the most important points so observers can "take a message home." Each section should be numbered so that the intended sequence of the exhibit will be immediately apparent.

Text and legends should be concise, and the largest portion of the exhibit should be devoted to figures and illustrations because standing and reading difficult text is tiring for the observer. Don't try to say too much or crowd your exhibit. Usually one main point effectively stated as a single headline with an appropriate illustration will get better attention than several detailed subheads. A clear photograph of a detailed area of a scan surrounded by "free" space can have greater impact than an overloaded montage in which each additional illustration detracts from the total effect.

Plan the position of your photographs by laying them out on the posterboard on a table. Crop the photographs with scissors if there is extraneous material around the edges. Then paste down the photographs on the posterboard with rubber cement. Make sure the pictures are straight by using a ruler to measure the edge of the posterboard. Leave 1½ in. around each photograph and 2 in. around the edges of the posterboard.

Now add the text. Legends and text can be made by typing on white paper with a good electric typewriter. A general guideline to use when figuring out space is to allot 6 in. for each line and triple space. You can calculate ten letters per inch when typing with a pica typewriter. An alternative and somewhat better way is to use press type letters that come on specially coated sheets and can be transferred to any surface simply by rubbing. These are available from any art store and many stationery stores. For most text, 18-point press type letters are a good size, with 25-point letters used as capitals. If you use 18-point press type, calculate about seven letters per inch and double space. The letters are somewhat fragile and should be rubbed hard to keep them from chipping off. As an extra precaution after affixing, the entire text can be sprayed with matte finish fixative available from an art store.

Submitting the Abstract

To submit your exhibit to the Society Annual Meeting in Philadelphia next June, you must submit an abstract to the Technologist Section Scientific Program Committee. Simply send in the following, typed if possible, otherwise handwritten:

1. Name of the exhibitor and his address.
2. Title of the exhibit (10-word maximum).
3. Number of 30 x 30-in. posterboards (two maximum).
4. 100-word description of the exhibit and its purpose.

Send this before April 15th to:

James K. Langan
Division of Nuclear Medicine
The Johns Hopkins Hospital
601 N. Broadway
Baltimore, Maryland 21205.

Awards for the Best

Outstanding exhibits will be awarded First, Second, and Third Prizes by the Technologist Section, judged on the basis of scientific merit, originality, display format, and appearance. Prize-winning exhibits will receive certificates and $150, $100, and $75 for First, Second, and Third Prize, respectively. All winners will be announced in the *JNMT*.

Setting Up the Exhibit

At the time your exhibit is accepted, you will be notified of the time by which your exhibit must be in place in the exhibit hall. This will be late in the day preceding the opening of the exhibit. When you arrive at the exhibit hall, you will need to pick up a special exhibitor's badge at the exhibitor registration counter in order to get into the exhibit hall. There is no charge for this.

When you get to the hall, the guard at the door will direct you to the Technologist Section scientific exhibits. A member of the Section Scientific Program Committee will be on hand to help you hang your exhibit and will have all materials you need.

The exhibit is open. Watch out — here comes the crowd!

MARGARET GLOS
Executive Director

UPDATED LIST OF APPROVED EDUCATIONAL PROGRAMS IN NMT

Given below is the complete list of approved educational programs in nuclear medicine technology as of this date. These programs have been approved by the Council on Medical Education of the AMA in collaboration with the American College of Radiology, American Society of Clinical Pathologists, American Society for Medical Technology, American Society of Radiologic Technologists, Society of Nuclear Medicine, and Society of Nuclear Medicine Technologists.

	SPONSORING INSTITUTION	PROG. DIRECTOR	ENTRANCE REQ.	PROG. LENGTH	CAPACITY	Classes Begin	Tuition	Stipend	Scholarship	Degree or Cert. Granted
ALABAMA	Birmingham									
	V.A. Hospital; 700 S. 19th St.; 35233	W.N. Tauxe, MD E. Dubovsky, MD,Ph.D.	MT RT,BS	12 mos 24 mos	12	Jul	None	Yes	No	Cert.
ARKANSAS	Little Rock									
	St. Vincent Infirmary Markham & University Ave. (72201)	W.T. Harris, MD Sr. B.A. Ruebusch,MS,RT	MT,RT RN,BS	12 mos	3	Jun Oct	None	Yes	No	Cert.
	Univ. of Arkansas Sch. of Health Related Professions, University & 12th St. (72201)	G.V. Dalrymple, MD J. Kibery, RT	H.S.	39 mos	6	Sep	$200 Sem Res $465 Non-Res	No	Yes	B.S.
CALIF.	Loma Linda									
	Loma Linda University Allied Health Professions (92354)	C. Jansen, MD I.C. Woodward, Ph.D.	HS RT,MT RN,BS	30 mos 12 mos	8	Sep	$1750	Yes	No	A.S. Cert.
	Los Angeles									
	Chas. R. Drew Post-Graduate Medical Sch. Sch. of Allied Health 1620 E. 119th St.(90059)	F.S. Mishkin, MD K. Shoaf, RT	H.S.	12 mos	6	Sep	None	Yes	No	
	Los Angeles City Col. 855 N. Vermont Ave. (90029)	S.S. Steinberg, MD G.R. Pearson, RT	H.S.	30 mos	30	Sep	None	No	No	A.S.
	V.A. Hospital-Wadsworth Wilshire & Sawtelle Blvds. (90073)	W.H. Blahd, MD J.J. Gambino, Ph.D.	RT,MT,RN 2 yrs Coll	12 mos	4	Jul	None	Yes	No	Cert.
	Orange									
	St. Joseph Hospital 1100 Stewart Dr.(92668)	D. Hertsgaard, MD D. Gueorev, MS	RT,MT,RN BS,BA	12 mos	2	Nov		Yes	No	Cert.
	Palo Alto									
	V.A. Hospital 3801 Miranda Ave. (94304)	D.A. Goodwin, MD M.S. Lin, MD	RT,RN,BS	12 mos	3	Jul	None	Yes	No	Cert.
	Sacramento									
	Sacramento Medical Ctr. 2315 Stockton Blvd. (95817)	G.L. Denardo, MD R.D. Haines, RT	RT,MT 2 yrs Coll	12 mos	5	Jul-Sep	None	No	No	
	Sutter Community Hospitals; 2820 "L" St. (95816)	R.C. Ripple, MD T.L. Brannon, MS	RN,MT RT,BS 2 yrs Coll	12 mos	2	Jun	None	Yes	No	Cert.
	Santa Barbara									
	Cancer Foundation of Santa Barbara; P.O. Box 837 (93102)	D.W. Erickson, MD C. Rainbolt	RT,RN,BS H.S.	12 mos 24 mos	3	Sep	None	Yes	No	Cert. A.S.
COLORADO	Colorado Springs									
	Penrose Hospital 2215 N. Cascade Ave. (80907)	F.R. Gydesen, MD J. Gregg, MS	RT,MT RN,BS	12 mos	2	Oct	None	Yes	No	Cert.

	SPONSORING INSTITUTION	PROG. DIRECTOR	ENTRANCE REQ.	PROG. LENGTH	CAPACITY	Classes Begin	Tuition	Stipend	Scholarship	Degree or Cert. Granted
COLORADO (con't)	Denver Community College of Denver; Div. of Health Occupations, 1101 E. 62nd Ave. (80216)	D.W. Fink, MD E. Cuklanz,MS	MT,RT,RN H.S.	12 mos 24 mos	20	Sep	$84/Qtr Res $390/Qtr Non-Res	Yes	Yes	Cert. A.A.
	St. Anthony Hospital 4231 W. 16th Ave. (80204)	N. Goodman, MD	RT,RN MT,BS	12 mos	3	Jul	None	Yes	No	Cert.
CONN.	New Haven Yale-New Haven Hosp. 789 Howard Ave. (06510)	R.P. Spencer, MD J.W. Chase, Ph.D.	H.S.	24 mos	2	Jul	$900	Yes	No	A.A.
FLORIDA	Miami Univ. of Miami Sch. of Medicine P.O. Box 875, Biscayne Annex (33152)	A.J. Gilson, MD G.E. Fernandez, RT	RT,RN MT	12 mos	12	Jul	None	Yes	No	Cert.
	Tampa Hillsborough Community College; P.O. Box 22127 (33622)	J.C. Hewitt, MD H.D. Barnett	H.S.	24 mos	20	Sep	$90/Qtr Res $200 Non-Res	No	Yes	A.S.
GEORGIA	Atlanta Grady Memorial Hospital 80 Butler St. S.E. (30303)	Y. Tarcan, MD R.J. Jicks, RT	RT,MT BS	12 mos	5	Jul	None	Yes	No	Cert.
ILLINOIS	Chicago Northwestern Memorial Hospital; 250 E. Superior St. (60611)	J.L. Quinn, III, MD W.J. Setlak, RT	RT,MT,RN BA,BS	12 mos	10	Sep	None	No	Yes	Cert.
	St. Mary of Nazareth Hospital Ctr. 1120 N. Leavitt St. (60622)	D.C. Wharton, MD W.M. Keller, RT	RT,RN MT,BS BA	12 mos	4	Sep	$150	Yes		
	Evanston Evanston Hospital 2650 Ridge St. (60201)	R. Garces, MD W.C. Taliaferro, RT	RT,RN MT,BS	12 mos	3	Sep	$150	Yes	No	
	Hines V.A. Hospital 5th Ave. & Roosevelt Rd. (60141)	E. Kaplan, MD J. Greco V. Lopez-Majano, MD,PhD	RT,RN MT,BS	12 mos	6	Jan Jul	None	Yes	No	Cert.
	River Grove Triton College 2000 N. Fifth Ave. (60171)	S.M. Pinsky, MD R. Miller, MT(ASCP)NM	H.S.	24 mos	15	Sep	$7 Sem Hr	Yes	Yes	A.S. Cert.
INDIANA	Indianapolis Indiana Univ. School of Medicine	C.H. Helmen, MD M.W. Chaille, RT	RT,MT,RN BS	12 mos	6	Sep	None	No	Yes	Cert.
	1100 W. Michigan St. (46202)		RT + 1 yr Coll	12 mos	6	Sep	$20/Cr Hr	No	Yes	B.S.
KANSAS	Kansas City Univ. of Kansas Med. Ctr.; 39th & Rainbow Blvd. (66103)	R.G. Robinson, MD L.W. Wells, RT	RT,RN,BS MT	12 mos	3	Jun	None	Yes	No	Cert.
	Wichita Wesley Medical Ctr. 550 N. Hillside Ave. (67214)	L.D. Schmidt, RT	MT,RT,RN BS	12 mos	4	Jul	None	Yes	No	Cert.
MARYLAND	Baltimore The Johns Hopkins Hosp. 624 N. Broadway (21218)	H.N. Wagner, Jr., MD J.K. Langan, RT	RT	12 mos	6	Sep	$150	Yes	No	Cert.

	SPONSORING INSTITUTION	PROG. DIRECTOR	ENTRANCE REQ.	PROG. LENGTH	CAPACITY	Classes Begin	Tuition	Stipend	Scholarship	Degree or Cert. Granted
MARYLAND Con't	Bethesda Naval Medical Training Institute (20014)	C.W. Ochs, Capt. MC,USN L.R. Milavickas MC, USN	Military	12 mos	36	Jan May Sep	None	No	No	Cert.
MICHIGAN	Detroit Detroit General Hosp. 1326 St. Antoine St. (48226)	F.C. Stebner, MD J. Williams, NMT	MT,RT RN,BS	12 mos	4	Jul	$1[illegible]	Yes	No	
	Detroit-Macomb Hospital Assoc. 690 Mullett St. (48226)	D.L. Otto, MD R.S. Kurtzman, MD C.J. Damico, RT	RT,MT,RN H.S.	12 mos 24 mos	5	Jul	$250 Yr	Yes	No	Cert.
	Royal Oak William Beaumont Hosp. 3601 W. 13 Mile Rd.	H. Dworkin, MD J. Hill, RT	MT,RT,RN BS,BA,AA	14 mos	5	Sep	$200	Yes	No	Cert.
MINNESOTA	Minneapolis Hennepin County General Hospital; Fifth & Portland Ave., S. (55415)	R.L. Strom, MD K. McAllen, RT	RT,MT,RN 3 yrs Coll	12 mos	6	Jan-Jun	None	No	No	Cert.
	Veterans Admin. Hosp. 54th St. & 48th Ave.,S. (55417)	J.M. Wolff, MD D. Damm, RT, NMT	RT,MT,RN BS	12 mos	3	Jul	None	Yes	No	Cert.
MISSOURI	Cape Girardeau St. Francis Hospital 825 Good Hope. St. (63701)	M. Shoss, MD M. Ahuja	RT,RN,MT	12 mos	2	Jul-Aug	None	Yes	No	Cert.
	Kansas City Menorah Medical Ctr. 4949 Rockhill Rd. (64110)	S. Rubin, MD K. Stannard, RT	RT,RN,MT	12 mos	2	Jun-Oct	None	Yes	No	Cert.
	St. Louis Mallinckrodt Inst. of Radiology-Washington University; 510 S. Kingshighway Blvd. (63110)	R.G. Evens, MD D.Bernier, RTNMT	MT,RT,RN, BS,BA	12 mos	5	Jul	None	Yes	No	Cert.
	Veterans Admin. Hosp. (63125)	R.M. Donati, MD S.D. Rosenfeld, MA	RT,MT,RN 3 yrs Coll	12 mos	8	Sep	None	Yes	Yes	Cert.
NEBRASKA	Omaha University of Nebraska Medical Ctr. 42nd & Dewey Ave. (68105)	M.A. Quaife, MD R.W. Bennett, NMT	H.S.	24 mos	9	Sep	$18 Sem Hr	No	Yes	A.S.
NEW JERSEY	Summit Overlook Hospital 193 Morris Ave. (07901)	A.D. Crosett, Jr.,MD C.M. Stimac, RT	RT,RN,MT BS	12 mos	2	Sep	$400	Yes	No	Cert.
NEW MEXICO	Alburquerque University of N.M. Sch. of Medicine, Health Science Ctr., 915	J.D. Shoop, MD F.R. Appledorn, RT	RT,RN,MT 1 yr Col H.S.	12 mos 24 mos	6	Jul	$350 Res $1650 Non-Res	Yes	No	Cert. B.S. A.S.
NORTH CAROLINA	Durham Duke University Med. Center; 508 Fulton St. (27705)	J.K. Goodrich, MD E. Blackburn, MS	RT,MT,RN BS	12 mos	10	Sep	$100	Yes	No	Cert.
	Winston-Salem Forsyth Technical Inst. 3333 Silas Creek Pkwy. (27103)	C.D. Maynard, MD R.C. Williams, MA	RT,MT,RN H.S.	12 mos 24 mos	15	Sep	$32 Qtr	No	No	Cert. A.S.

	SPONSORING INSTITUTION	PROG. DIRECTOR	ENTRANCE REQ.	PROG. LENGTH	CAPACITY	Classes Begin	Tuition	Stipend	Scholarship	Degree or Cert Granted
NORTH DAKOTA	Minot									
	Trinity Medical Center Main St. & 4th Ave. S.E. (58701)	J.C. Smith, II, MD D. Jundt, MT(ASCP)	3 yrs Coll	12 mos	6	Sep	$41 Qtr	No	No	B.S.
OHIO	Canton									
	Aultman Hospital 2600 Sixth St.S.W. (44710)	R.N. Simone, MD S. Schmid, RT, NMT	RN,RT,MT	12 mos	2	Jul	None	Yes	No	Cert.
	Cincinnati									
	Cincinnati General Hosp-Univ. of Cincinnati 234 Goodman St. (45229)	E.L. Saenger, MD J.C. Kereiakes, Ph.D.	H.S.	24 mos	8	Jul	Univ. Req.	No	Yes	A.S.
	Cleveland									
	Hillcrest Hospital 6780 Mayfield Rd. (44124)	D.B. Sodes, MD D. Gibbons, RT	RT,MT,RN BA	12 mos	24	varies	$800	Yes	No	Cert.
	Columbus									
	Ohio State Univ. Hosp. 410 W. 10th Ave. (43210)	X.J. Riccobono, MD R.D. Esken	RT,MT RN,BS,BA	12 mos	10	Jun	$100	Yes	No	Cert.
	Youngstown									
	St. Elizabeth Hosp. 1044 Belmont Ave. (44505)	C.A. Hixson, MD R.M. Pazol	H.S.	24 mos	4	Jul	None	No	Yes	Cert.
OKLA.	Oklahoma City									
	Univer. of Oklahoma Sch. of Medicine P.O. Box 26901 (73190)	C.W. Smith, MD V.J. Ficken, MS	RT,MT,RN 2 yrs Coll	12 mos	6	Jul	None	Yes	No	Cert.
PENN.	Harrisburgh									
	Harrisburgh Hospital S. Front St. (17101)	G.L. Jackson, MD N.M. Blosser, RT	RT,MT,RN H.S.	12 mos 24 mos	16 16	Sep Sep	$200 Sem $625/Yr	No No	Yes No	Cert. A.S.
	Polyclinic Hospital 3rd & Polyclinic Ave. (17105)	M.A. Friedlander, MD J. Schneiker, RT	RT,MT,RN B.S.	12 mos	4	Sep	None	Yes	No	Cert.
TENN.	Memphis									
	Baptist Memorial Hosp. 899 Madison Ave. (38146)	J.F. Rockett, MD C.E. Nunberger, Ph.D. R. Welle, RT	MT,RT,BS H.S.	12 mos 24 mos	5	Jul	None	Yes	No	Cert. A.S.
	City of Memphis Hosps. 860 Madison Ave. (38103)	B.I. Friedman, MD M. Boyd, RT	B.S.	12 mos	2	varies	None	Yes	No	Cert.
VERMONT	Burlington									
	Univ. of Vermont Sch. of Allied Health Colchester Ave. (05401)	F.W. VanBuskirk, MD L. Izzo, RT	H.S.	24 mos	5	Sep	Univ. Req.	Yes	Yes	A.S.
VIRGINIA	Charlottesville									
	Univ. of Virginia Med. Ctr. Jefferson Pk. Ave. (22901)	C.D. Teates, MD R. Barczak, MT	RT,MT,RN	12 mos	6	Sep	$150	Yes	No	Cert.
WISCONSIN	Madison									
	St. Mary's Hosp. Med. Ctr. 720 Brooks St.(53715)	S. Dudiak, MD	RT,MT,RN 3 yrs Col	12 mos	2	Sep	None	Yes	No	Cert. B.S.
	Milwaukee									
	Milwaukee County Gen. Hosp. 8700 W. Wisconsin Ave. (53226)	R.A. Holmes, MD E.A. Silverstein, Ph.D.	MT,RT,RN B.S.	12 mos	3	Sep	None	No	No	Cert.

Health Manpower Bill Passes Senate

On September 24th the Senate passed S. 3585, the "Health Manpower and Shortage Area Assistance Act of 1974." This bill provides Federal scholarships to health profession students who qualify for assistance by pledging to spend at least two years in the nation's deprived and rural areas where there is a shortage of adequately trained professionals. The bill now goes to a Senate-House Conference to iron out differences between it and a House-passed version.

During consideration of a similar bill sponsored by Senator Edward Kennedy there was an effort to include S. 667 by amendment. Senate 667 is the "Radiation Health and Safety Act of 1974" which carries no monetary authorizations but has provisions for setting standards for training and licensing of radiologic personnel. These efforts failed when it became clear that the entire measure could not garner sufficient support to pass the Senate.

Editor's Note on Chapter News

If your Chapter is not represented in the Chapter News Section this issue, it is because the Chapter did not send in information on its activities. The editorial staff once again urges all Chapters to participate in the News Section of *JNMT*. *Your* news is important to *everyone* in the Tech Section.