

This year when all members of the Technologist Section received their dues statement for annual Society of Nuclear Medicine dues, there was also an item for Technologist Section dues of \$10.00. This amount was approved at the business meeting of the Technologist Section last June in Miami.

The Technologist Section is a rapidly growing organization with a membership growth of approximately 20% per year. To meet the demands of this growth, many new activities have been instituted and many more are planned. All of these activities cost money, and until recently the Section had to ask the Board of Trustees of the Society of Nuclear Medicine to finance its activities. The Technologist Section wanted to promote itself to a level of independence which would no longer necessitate depending on the Society for money.

The solution to this problem, as determined by the Executive Committee of the Section, the National Council, and the members at the June meeting, was to adopt a budget which would enable the Technologist Section to be financially self-sufficient—and that budget included the establishment of a dues structure for all members of the Section.

Each member's \$10 dues are allocated as follows: \$5.00 goes for their mandatory subscription to the *Journal of Nuclear Medicine Technology*; \$2.00 is returned to the Chapter Technologist Section; and \$3.00 goes for educational activities of the Section.

The benefits of membership in the Technologist Section are numerous. All members, of course, have the opportunity to vote and hold elective and appointive office in the Section, which enables a member to influence the direc-

Technologist News

New Awards Structure Approved by National Council

The Awards Committee has developed an expanded awards program designed to encourage participation by nuclear medicine technologists in the Section's educational programs. This new program will be implemented by the annual meeting in June.

Awards will be presented in several different areas: technologist and student scientific papers presented at the annual meeting, technologist scientific exhibits presented at the annual meeting, and papers published in the *Journal of Nuclear Medicine Technology*.

All papers and exhibits will be judged by a three-man team selected by the Awards Committee. Each person will be involved in nuclear medicine from different geographic areas around the country. One of the members will be the liaison with the Scientific Program Committee.

Judging for technologist and student papers will be based on three categories, each having a possible score of 1 to 100. First the Scientific Program Committee will rate the abstract. At the meeting the visual material will be judged on the basis of quality

and originality and the presentation on the basis of oratory ability, educational merit, and practicability. The scores from each category will be added and monetary awards of \$300, \$200, and \$100 for technologist papers and \$75 and \$50 for student papers will be given to the highest scoring papers. In addition, a plaque will be presented and the awards will be announced in the *JNMT*.

Technologist scientific exhibits will be judged in four areas—educational merit, originality, organization, and artistic appeal. The three exhibits receiving the three highest scores will be awarded \$150, \$100, and \$75, respectively. A certificate will be sent to each winner and the names will be announced in the *JNMT*.

The best paper published in a volume of the *JNMT* will be recommended to the Awards Committee, and a \$100 award and a plaque will be presented. Judging by the Associate and Consulting Editors of the *Journal* will be based on innovation, timeliness, educational utility, and the method of presentation. The recipient of this award will be announced in the *JNMT*.

tion in which the Section and the field of nuclear medicine technology is going. Aside from gaining valuable scientific and technical information in the *JNMT*, one also finds information on socio-

economic and political events that are important for nuclear medicine technologists. There is a reduction in registration fees at Section meetings and other continuing education programs,

and one can benefit from the placement service and recruitment program. In addition to these professional benefits, one can partake in travel programs to meetings and tours.

First Winter Meeting Sets the Pace for Future Technologist Section Meetings

Over 240 technologists and 135 exhibitors participated in the hugely successful First Winter Meeting of the Technologist Section held in New Orleans, January 4-6, 1974. The meeting at the Fairmont Hotel proved to be three days packed with important educational activities, interesting exhibits, and swinging parties.

The program consisted of workshops and teaching sessions in the three areas of radioimmunoassay, imaging, and administration. All of the RIA workshops, except for Dr. Holmes' presentation on Basic Theory and Requirements, were sponsored by commercial companies who sent materials for the workshops and technologists to teach them. Our thanks go to Abbott Laboratories, Amersham/Searle, Clinical Assays, Inc., Micromedic Systems, Pharmacia Laboratories, Schwarz-Mann, Serono Ltd., and E.R. Squibb and Son for their valuable contributions to our program.

Two imaging workshops—Problems in Imaging given by Mark Muilenburg and A Comparison of Photographic Methods on the Anger Camera given by Robert Schneider—drew the largest attendance in this section of the meeting. Two other workshops, analysis of commercially available cameras and scanners, included time in the exhibit hall for in-depth studies of Baird-Atomic's, Nuclear Data's, Ohio Nuclear's, Picker's,

and Raytheon's equipment. Other participants had the opportunity to discuss camera and scanner fundamentals, collimation, quality control, and data processing of image information. All imaging workshops, geared to the staff technologist in a clinical laboratory, were extremely interesting and informative.

The administration workshops highlighted a unique presentation by Harold Goldstein of Johnson and Johnson, who demonstrated games people play in personnel communication and motivation. Two large sessions on the timely subject of legal aspects of nuclear medicine technology proved to be extremely informative. Workshops on materials licensing, methods of administration, in-service education for nuclear medicine personnel, current aspects of health care legislation, cost accounting, and a panel on administrative problems were also highly stimulating.

Thirty-two commercial companies showed their support and interest in nuclear medicine technology by exhibiting during the meeting. The Technologist Section and the Scientific Program Committee would like to express its appreciation to Abbott Laboratories, Amersham/Searle, Baird-Atomic, BioNuclear, CIS Radiopharmaceuticals, Clinical Assays, Curtis Nuclear Corporation, Dunn Instruments, Fisher Scientific, General Electric Medical Systems, Kal-

lestad Laboratories, Ludlum Measurements, 3M Company, Mallinckrodt Nuclear, MediPhysics, Micromedic Systems, New England Nuclear, Nuclear Data, Nuclear Diagnostics, Nuclear Medical Laboratories, Ohio-Nuclear, Omnimedical Services, Owens-Illinois, Pharmacia Laboratories, Picker Corporation, Procter & Gamble Distribution Company, Raytheon Company, Roche Diagnostics, Schwarz-Mann, Searle Radiographics, Serono Laboratories, and E.R. Squibb and Son.

No meeting is complete without getting to know other technologists from other areas of the country and making new friends. This one opened Thursday night with the Ice-Breaker Cocktail Party, which no one wanted to end. Saturday night the ballroom was transformed into an old French marketplace, with vegetables and fruits hanging from the market stalls. Everyone enjoyed a beautiful buffet with a wide selection of traditional Creole appetizers, while listening to the Dixieland music of Papa Sazarac and Blanche Thomas. The evening was a perfect addition to a weekend filled with activity.

Many thanks go to Richard Pollack and all the members of the Scientific Program and Local Arrangements Committees, and all the technologists who participated and helped to make this first meeting a memorable occasion.

Highlights of Winter Meeting



1.

Enthusiastic attendees registered early, . . . discussed technologist affairs with Warren Ball (center left) of the AMA Dept. of Medical



2.

Professions and Services, . . . and participated in many "hands-on" workshops during the week.



3.

Photographs by Vince Chericco



4. National Council Delegates met for two solid days planning future activities of the Section . . .



5. . . . and individual members—like Debbie Perkins—worked hard on the sidelines.



6. There was also time for fun—at the "Night in Old New Orleans" party . . .

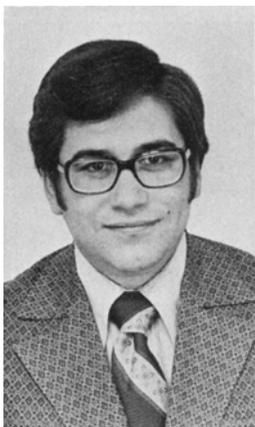


7. . . . and at cocktail parties where Jim Langan joined friends.



8. A satisfied President and Editor of JNMT relaxed happily at the end of the meeting.

Message from the President



The First Winter Meeting of the Technologist Section has just ended, and the only adjective to describe this memorable event is "successful". To all of us who have been deeply involved in the formative activities of the Section, this meeting is yet another example of a continuum of events which has made this organiza-

tion truly representative of Nuclear Medicine Technologists.

Two specific items which are of tremendous value to the Section were approved by the Executive Committee and the National Council during the meeting.

SNMT Proposal

First, as all of you are aware, the Section and the Society of Nuclear Medical Technologists have been involved in unification discussions for several years. Before the Winter Meeting in New Orleans, David Fischer, President of SNMT, sent the following proposal which had been approved by his Executive Committee for presentation to our Executive Committee:

In order to further advance the goals of nuclear medicine technology, the Technologist Section of the Society of Nuclear Medicine, Inc. and the Society of Nuclear Medical Technologists, Inc. propose to enter upon the following agreement for unification:

1. The members of SNMT will vote to dissolve their organization on January 5, 1974 to be effective at the 21st Annual Meeting of the Society of Nuclear Medicine, pending advice of legal counsel.
2. The Technologist Section will appoint the President-Elect of SNMT to their Executive Committee and National Council as an ex officio member.
3. All current members of the SNMT will be, upon application and approval by the Technologist Section and the Society of Nuclear Medicine, granted membership within the Technologist Section for 1974 with no Technologist Section dues. Application and processing fee must be submitted before May 10, 1974.
4. The Technologist Section will assume the liability for the "Essentials of Nuclear Medical Technology" (approximately \$1,500).
5. The Technologist Section will appoint the President of SNMT as an ex officio member of the Nominating Committee.
6. The Technologist Section will appoint all

Chapter News

Central Chapter

The year 1973-1974 has become an important one for the technologists of the Central Chapter! Several months ago the Chapter decided to establish a set of bylaws and to set the October meeting in Indianapolis as the goal to ratify the bylaws. Through the extraordinary efforts of Dennis Damm, Lois Moore, Larry Newton, Art Kuhl, Zeb Harris, and John Kidder, a nearly perfect set of bylaws was ready for the business meeting in Indianapolis where it was ratified with only minor wording changes.

The theme of the meeting on October 26-27 in Indianapolis which was the first scientific meeting independently coordinated by technologists, was "Controversy in Nuclear Medicine". The mornings were plenary sessions consisting of panel discussions on controversial but informative topics. One panel addressed itself to the topic of nuclear medicine technology education, "Whom and How to Train". Glenn Isserstedt served on this panel along with Paul Early and James Kereiakes.

During the first afternoon the meeting separated into two separate sessions. The technologist session consisted of a panel discussion between physician-tech-

nologist teams entitled "A Team Approach to Nuclear Medicine". This session was immensely popular, consisting of four teams discussing procedures on the general topics of the reticuloendothelial system, central nervous system, total-body imaging, and pulmonary studies. The Technologist Business Meeting followed, during which David Miller was appointed Acting President until officers could be elected under the guidelines of the new bylaws. The presidents of the six local technologist groups in the Central Chapter will serve as an Executive Council to make further decisions and carry out the necessary duties until such time as all offices pro-

past presidents of SNMT to the Past Presidents Council.

7. The SNMT will formally recommend to the Joint Review Committee on Educational Programs in Nuclear Medicine Technology that the two seats the SNMT currently occupies will be allocated to the Technologist Section.

This document was unanimously approved by our Executive Committee on January 4th and by the membership of SNMT at its Business Meeting on January 5, 1974. All that remains to be done is to go through some legal procedures. I wish to express my appreciation to the following people who have worked diligently to make this event a reality: Don Bernier, James Cooper, Gerry Ellen Fernandez, Vernon Ficken, David Fischer, Michael Kusch, Bill Otte, Floyd Potes, James Sims, and the excellent administrative staffs of both organizations.

Proposed Conjoint Registry

The second item concerns the proposed Conjoint Registry in Nuclear Medicine Technology. On September 17, 1973, a joint meeting concerning registry activities between the ARRT and the ASCP was held in Chicago in which the Section was invited to participate. The meeting was primarily devoted to formulating basic eligibility requirements for examination and certification in nuclear medicine technol-

ogy. It was decided that these requirements be submitted to the governing boards of each organization for approval. The eligibility requirements along with the following resolution was approved by our Executive Committee and National Council: "Therefore be it resolved that the Executive Committee and the National Council of the Technologist Section hereby signify its endorsement, encouragement, and support of a Conjoint Registry in Nuclear Medicine Technology operated by the ARRT and RMT of the ASCP with the cooperation of the ACR, ASCP, ASMT, ASRT, SNM, and Technologist Section of SNM."

It was further suggested that the Section ask the Conjoint Registry Examination Committee to publicly identify the role and function of the proposed organization. There are many questions that have remained unanswered concerning the Conjoint Registry, but as any endeavor is undertaken, careful analysis and deliberation is required.

I welcome any questions or comment you may have so that I can continue to represent your interests in these areas of importance.

LEONARD LOPEZ
*The Edward Mallinckrodt Institute
of Radiology
St. Louis, Missouri*

vided for in the bylaws are filed.

During the second afternoon, the technologist sessions consisted of invited speakers discussing interesting and controversial subjects in nuclear medicine. Two discussions, "Dynamic Flow Studies: Does the End Justify the Means?" and "You Can Develop, Present and Publish a Scientific Paper", were given by T. Verdon. Leo Lopez, President of the Technologist Section, spoke on "Legislation and Allied Health Personnel", and Alexander Gottschalk, President-Elect of the Society of Nuclear Medicine, held an informal "rap" session on the opportunities for the Section in the Society.

Special mention should go to

the Technologist Program Committee in Indianapolis, chaired by David Miller, and including Robert Anger, Jerry Buchman, John Kidder, and Jerry Porter. Henry Wellman, the Central Chapter's Meeting Chairman, worked diligently with the technologists on this first meeting.

Plans for the remainder of the year consist of continuing efforts to place the new bylaws into effect, supporting candidates from the Central Chapter for national office, presenting a strong showing at the next annual meeting in San Diego—both in attendance and with scientific papers and exhibits—and holding a membership drive.

Hawaii Chapter

The Hawaii Chapter held its organizational meeting last fall and elected the following officers: President, David Grant; Vice President, Bonnie Johnson; President-Elect, Kathy Schwenker; and Treasurer, Harry Teruya. Interest is very high in the Chapter to hold a meeting that will be open to all interested technologists throughout the country, but the cost of travel to Hawaii is a great problem. The Chapter hopes to be able to send representatives to the annual meeting in San Diego.

Mideastern Chapter

The Annual Meeting of the

Mideastern Chapter is planned for the weekend of March 29-30 in the Washington, D.C. area. The meeting will feature a full program of educational and social activities for the attending nuclear medicine technologists.

The Chapter's grassroots organizations continue to be active, and the Chapter *Newsletter* has served to increase membership in the Section and attendance at local and national meetings.

Missouri Valley Chapter

The response from those who attended the Missouri Valley Chapter's registry review last fall and subsequently took the registry examination was extremely encouraging. The Chapter now plans another registry review to be held in May in Kansas City.

At the Chapter's business meeting in Kansas City it was decided that it was time to form a more formal chapter organization than the one at present. The first project is the preparation of a set of bylaws for the Chapter, and Don Bernier was selected to perform this task. After the bylaws are ratified, the Chapter will elect officers and proceed with Chapter business.

New England Chapter

With the installation of new officers in October 1973, the New England Chapter has set continuing education as its primary concern for the coming year. In this respect monthly regional grassroots meetings are being organized, with special emphasis to be placed in Maine and New Hampshire to get those technologists more actively involved. The Chapter is sponsoring an all-day radioimmunoassay workshop, as well as the customary Spring Symposium. In addition, the Chapter will co-sponsor a

meeting with the New England Health Physics Society. An educational pamphlet will be published bi-monthly on various topics such as collimators or quality control.

The Chapter is also involved in a membership drive to augment both local and national membership lists.

Northern California Chapter

The 5th Annual Combined Northern and Southern California Chapter Meeting was so successful, drawing approximately 650 participants, that an additional half day is planned for the 6th Annual Meeting next year in San Francisco. On February 2nd a workshop was held at Mary's Help Hospital in Daly City, California. Topics included pulmonary physiology and blood gases as related to lung scanning, cardiac physiology, and ultrasound.

Pacific Northwest Chapter

The Pacific Northwest Chapter Technologist Section held its autumn meeting in Portland, Oregon, on December 8th. A breakfast meeting was held with 20 people attending, and Danny L. Jergenson was elected National Council Delegate. Wil Nelp, President of the Society of Nuclear Medicine, addressed the group on the importance of the Technologist Section to the Society. The Chapter now meets monthly on a local basis in Portland, Seattle, and Vancouver, and the spring meeting will be in Yakima, Washington in April.

Pittsburgh Chapter

The Pittsburgh Chapter recently elected Lance Rose as the National Council Delegate, and the Chapter is embarking on a membership drive. Once the membership is defined, the Chapter will begin meetings and other educational activities.

Southern California Chapter

The Southern California Chapter reports that the single greatest accomplishment since the new officers took charge is the publication of a newsletter. New officers for 1973-74 are John Mullins, President; Danielle Gueorev, President-Elect and National Council Delegate; Ross Potter, Vice President; and Shirley Cash, Secretary-Treasurer.

Southwestern Chapter

Based on last year's enormous success, the Southwestern Chapter Technologist Section is once again planning a chapter-wide meeting to be held as part of the Annual Southwestern Chapter Meeting. This year's meeting is scheduled for March 15-17 at the Skirven Hotel in Oklahoma City. The program will include the presentation of scientific papers, teaching sessions, and panel discussions on all aspects of nuclear medicine technology.

Get Involved and Vote

By April 13th all members of the Technologist Section will receive in the mail biographic information and the ballot for election of officers for 1974-1975. This year the Section will be electing the President-Elect and Membership Chairman, Secretary-Historian, Treasurer, and members of the Membership and Nominating Committees. Be sure to vote in this important election.

All ballots must be returned to the Technologist National Office no later than May 13, 1974, in order to be counted.

Be sure to carefully analyze all information on each candidate and do not fail to vote. Each abstention is an indication of a lack of involvement!!

Tips from Your Administrator: Writing a Paper



Many technologists receive and read this Journal, but often they do not submit articles because they do not know how to write one. In this article, I hope to outline the basics for writing a scientific paper for publication.

Text: The article should be typed double-spaced on 8½ x 11" paper, with the first page as a title page. The most common

organization of an article includes an introductory paragraph, a description of materials and methods, results, a discussion, and a summary.

Title Page: This page should include the title of the article; the first name, initials, and surname of all authors; and the institution, city, and state where the work was done. In addition, include the name and address of the person to whom reprints should be sent.

Introductory Paragraphs: These should be used to clearly state the problem and describe the significance of the work. Do not, however, actually include any results or conclusions in the introduction.

Materials and Methods: Here you should describe the materials and experimental procedures you used to obtain your results. Identify each material specifically, and simply name commercially available equipment. Describe only those procedures that are necessary for understanding the results.

Results and Discussion: Generally these are two separate sections, and only relevant data should be included. It is not necessary to repeat any information that has already been explained in the text.

References: It is very important for all references to be properly stated. At the end of the manuscript, type the references double-spaced in the order that they appear. Use only those references that have been cited in the text. The style for references is the same as for the *Journal of Nuclear Medicine*.

Footnotes: Use footnotes sparingly. Type them at the bottom of the page on which they appear. Identify the footnote with an * or † after the word in the text and before the footnote at the bottom of the page.

Tables, figures and illustrations: All tables should be self-explanatory and referred to in numerical order. Lengthy tables should be avoided.

Identify figures in the text in numerical order in parentheses. Use a legend with the figure to describe what is shown and what is important. Symbols used in the figure should be identified in the legend.

Illustrations must be submitted as sharply-contrasted, glossy photographs or India ink drawings. Freehand lettering is not acceptable. Remember that the illustration will be reduced so the smallest lettering must be large enough to read. Identify the illustration on the back with a pasted-on label indicating the number, author's name, title of the manuscript, and top of the figure.

Although it is wise to use a table or illustration to concisely set forth information, evaluate the need for each one carefully and do not use it unless it is necessary.

The publication process: Send your original manuscript to the Scientific Editor, Mr. Glenn Isserstedt, Nuclear Medicine, University Hospital, Iowa City, Iowa 52240. Papers will be reviewed and accepted or rejected. The accepted manuscript will then be edited and sent to the printer. Galley proofs are received from the printer and sent to the author to make sure all changes are acceptable. Any changes by the author at this point are very expensive and may delay publication. Return galley proofs promptly to the managing editor. The printer, after receiving galley proofs with corrections, makes page proofs for a final check.

Style Manual For Authors: The style used for the JNMT is the same as that for the JNM. A Style Manual is available from the Technologist National Office for \$1.00, prepaid. For style considerations, including grammatical use of words and punctuation, as well as a sample manuscript, obtain a copy of this Style Manual.

ROBIN KAPLAN
Administrator

Mark Your Calendar for the Annual Meeting in June

The 21st Annual Meeting of the Society of Nuclear Medicine will be on the West Coast this year. The site is the Town and Country Hotel in San Diego, from Tuesday through Friday, June 11-14th. This year's technologist program will follow the same format as has proven successful in past years with early morning teaching sessions, scientific papers, and exhibits.

Wednesday afternoon, June 12th, the Section will hold its Annual Business Meeting to

vote on issues important to the future of the Section. Tuesday night is the night of the traditional Technologist Party, which will be held at San Diego's exciting Sea World: where you can pet and feed the dolphins, watch Shamu the killer whale, and dance in the Japanese Village to the beat of a great band.

The Southern California Chapter Technologist Section extends an invitation to all technologists to attend this meeting.

Reference Materials

After conducting workshops in nuclear medicine economics at the First Winter Meeting, Ray Dielman recommends the following texts for those who participated and those interested in this aspect of nuclear medicine:

Essentials of Financial Management, 2nd edition, Weston and Brigham, Published by Holt, Rinehart, and Winston, *Techniques of Financial Analysis*, 3rd edition, Helfert, Published by Irwin Publishing.