

# Technologist News

## House Approves Health Manpower Training Bill

Despite the Administration's continued opposition to extension of federal health manpower training programs, the House in mid-July approved a new manpower training bill (H.R. 5546) by nearly a 5-to-1 majority. In the process, the House voted to strike one controversial section of the bill, which would have limited the number, type, and location of first-year medical residencies, but it retained another provision that requires student payback of capitation grants to medical schools.

The payback provision would require all of the health professions' schools receiving capitation grants to assure the Secretary of Health, Education and Welfare that all first-year students enrolling after June 30, 1976, had agreed in writing to repay to the federal government the full amount of capitation payments received by the school for that student (about \$2,000 per year for medical students). Alternatively, students could repay the grants by serving in areas with physician shortages after graduation, with one year of payments forgiven for each year of service.

In voting to retain this provision the House added several amendments to the committee's proposal. The changes would exempt currently enrolled students from the payback requirement, forgive the requirement for graduates serving in the armed forces, and delay the initiation of the repayment period until 2 years after graduation.

The residency limitation provisions that were rejected by the House were aimed at controlling the problems of physician maldistribution and the surplus of foreign medical graduates.

The bill now goes to the Senate Labor and Public Welfare Committee for hearings, which are expected to be scheduled for September.

## New Senate Bill Extends Clinical Laboratories Act

The Senate Health Subcommittee will begin hearings this month on S.1737, the Clinical Laboratories Improvement Act of 1975. The bill, sponsored by Senator Jacob Javits of New York, would extend the Clinical Laboratories Act of 1967 to cover those independent and hospital laboratories not presently subject to Federal regulation.

Major provisions of the bill include establishment of an Office of Clinical Laboratories within HEW and the establishment of an Advisory Council for that Office. Licensure requirements would be extended to all laboratories meeting the definition in the bill. HEW could delegate the licensure power to a state if state regulations met or exceeded Federal standards.

Standards would be designed to assure accurate laboratory procedures and would include standards to insure maintenance of records,

operation, qualifications relating to the competence of laboratory personnel, participation in a proficiency testing program, and on-site inspection.

## Society Hires Washington Representative

Terry Schmidt came on board on August 1st as the Society's and the Tech Section's Washington Representative. Terry was chosen from 17 candidates who were interviewed by Dr. Potchen, Dr. Briggs, Dr. Gottschalk, and Mrs. Glos.

Terry formed his own company in January 1975 to provide Washington representation for health organizations and institutions. Before setting up his own operation, he was Assistant Director of the Department of Governmental Relations for the AMA in Washington for 4 years.

If you know of any problems brewing in Washington that we should have Terry look into, contact the National Office or Don Hamilton, chairman of the Legislative Affairs Committee.

## Effective Date of FAA Monitoring Rule for Radioactive Shipments Delayed

The Federal Aviation Administration has postponed the effective date from June 30 to January 1, 1976 for requiring airlines to monitor packages containing radioactive materials (including radiopharmaceuticals). This regulation would require airlines to have personnel and equipment to monitor each shipment. The Society has spoken out against this regulation as being difficult to implement and not the responsibility of the airlines.

## Keeping an Eye on Federal and State Legislation

With increased regulation of various phases of nuclear medicine by Federal and State agencies and with an onslaught of new restrictions in the making, it is becoming increasingly important for practitioners to communicate both among themselves and with their publics.

Here are a few examples of why nuclear medicine professionals should speak with a unified voice.

New York State recently passed a law that allows injection of intravenous medication or diagnostic material solely by a licensed physician. This same law may be currently under consideration in your state.

The transportation of radiopharmaceuticals by commercial airlines was threatened last year. Everyone is aware of the total effort by many individuals and organizations to resolve that crucial issue.

In Florida, there presently exists a Clinical Laboratory Law/Clinical Laboratories Act, which allows clinical laboratory tests on blood and other body fluid samples to be performed by clinical laboratory technologists only. This restriction obviously affects every certified nuclear medicine technologist and physician now performing routine in vitro nuclear medicine tests and radioimmunoassay procedures. Florida physicians and technologists are working together to correct this situation.

A proposed West Virginia Senate bill identified radiologic technologists as the only qualified practitioners of nuclear medicine technology. It also stipulated that future nuclear medicine technologists must be graduates of a 2-year program in radiologic technology. Fortunately, quick and decisive action by a local nuclear medicine technologist, the Technologist Section, and the Society of Nuclear Medicine resulted in the bill's demise through gubernatorial veto.

There are reports of proposed regulations that relate to who will be permitted to prepare radioactive materials for use in patients. These proposals could require only licensed pharmacists to prepare such injectables.

The Social Security Administration now regulates intrastate, independent laboratories (*Federal Register* 39:33690, 9/19/74). These regulations cover nuclear medicine procedures falling into two categories: clinical chemistry and radiobioassay. There are no apparent provisions in these regulations for recognizing technical training or experience in nuclear medicine relative to the performance of such procedures.

Senators Jacob Javits and Ted Kennedy have recently introduced a new bill, the Clinical Labora-

tories Improvement Act of 1975 (S-1737, *Congressional Record* S 8097 5/15/75). This act apparently encourages uniform national certification of technical personnel, state laboratory laws, and contains other provisions that may affect nuclear medicine.

Indiana, New Jersey, New York, and California have legislation or pending legislation relative to "laboratory standards" and qualifications of technologists.

It should be clear that such laws and regulations affect everyone in nuclear medicine, technologists and physicians alike. It should also be clear that additional legislation will be forthcoming in every state. Technologists must organize into a strong force and lend their support to ongoing efforts as well as becoming active themselves relative to legislative matters. It can be seen from past experience that when legislation and regulations are passed without proper and sufficient input from qualified persons numerous problems usually result.

Every state should have a formally organized nuclear medicine technologist educational organization with a written constitution and bylaws. Every nuclear medicine technologist should be a dues-paying member of his organization and participate in making it strong and viable. These organizations should appoint a person or committee to be alert and knowledgeable in legislative matters that may relate to the profession. When committee hearings are held in consideration of pending legislation, a knowledgeable, articulate spokesman can then request permission to testify on behalf of his organization and all nuclear medicine technologists in the state. This spokesman will be a credible spokesman if he can appear as an official representative of an organized group of concerned people.

Officers of all existing organizations must be familiar with everything going on in their state as well as on the national level. They must also assume responsibility for the dissemination of this information to their constituency and see to it that all affected persons are represented in hearings and prelegislative discussions. (Just being visible at such sessions will increase the awareness of the authorities to the existence of such a constituency.)

Technologists should be in personal contact with their own Congressmen and State legislative representatives. If you know of any potential problems in your area, call Margaret Glos collect in the National Office immediately (212-889-0717).

HUEY BARNETT  
Tampa, Florida

## AMA Passes Resolution to Establish Section on Nuclear Medicine

When it met in Atlantic City in June, the AMA House of Delegates passed a resolution that "initiates the process of establishing through the appropriate mechanism a Section on Nuclear Medicine."

Following approval by the House of Delegates, the resolution was referred to the AMA Board of Trustees for appropriate action. This group met September 4-6 and was expected to rule on the resolution.

## New Programs Approved by AMA

The following institutions were accredited by the AMA Council on Medical Education at its meeting this past June for training students in the field of nuclear medicine technology. A complete list of approved programs is available from the SNM National Office.

Palmdale General Hospital  
1212 East Ave. S.  
Palmdale, Calif. 93550  
R.H. Sission, M.D.

*Program Director*

Methodist Hospital of Indiana  
1604 N. Capitol Ave.  
Indianapolis, Ind. 46202  
E.D. VanHove, M.D.

*Program Director*

Alton Ochsner Medical Foundation  
1516 Jefferson Highway  
New Orleans, La. 70121  
S.E. Shuler, M.D.

*Program Director*

Charity Hospital of Louisiana  
1532 Tulane Ave.  
New Orleans, La. 70140  
J.M. Beauchamp, M.D.

*Program Director*

Prince George's General Hospital  
Hyattsville Post Office  
Cheverly, Md.

J.D. Parker, M.D.

*Program Director*

Research Hospital &  
Medical Center  
Meyer Blvd. & Prospect Ave.  
Kansas City, Mo. 64132  
W.E. White, M.D.

*Program Director*

St. John's Mercy Medical Center  
615 S. New Ballas Rd.  
St. Louis, Mo. 63141  
D.R. Lilly, M.D.

*Program Director*

New York University  
Medical Center  
550 First Ave.  
New York, N.Y. 10010  
P. Braunstein, M.D.

*Program Director*

State University of New York—  
Upstate Medical Center  
750 E. Adams St.  
Syracuse, N.Y. 13210  
J. McAfee, M.D.

*Program Director*

Rhode Island Hospital  
593 Eddy St.  
Providence, R.I. 02902  
S.I. Frater, M.D.

*Program Director*

St. Luke's Hospital  
2900 W. Oklahoma Ave.  
Milwaukee, Wisc. 53215  
D.R. Spiegelhoff, M.D.

*Program Director*

## SNMT Seats on JRC Given to Tech Section

In June, the AMA Council on Medical Education approved giving the two seats on the Joint Review Committee formerly held by the Society of Nuclear Medical Technologists to the Society of Nuclear Medicine. The SNM in turn gave the seats to the Technologist Section to fill as it wished.

President Glenn Isserstedt has selected Mark Muilenburg and Elaine Cuklanz to fill these seats for 3-year terms. This action gives the Technologist Section, as the spokesman for nuclear medicine technologists, direct input for the first time into the important considerations of the JRC. The technologist members of the Society of Nuclear Medicine also have input through the two Society members who sit on the JRC, David Becker, M.D., and W. N. Tauxe, M.D.

## Registering Radiation Workers

A register of all United Kingdom radiation workers will soon be established by Britain's National Radiological Protection Board (NRPB), an independent agency set up by the British government for researching the effects of radiation. Aiming to establish a data base for epidemiologic studies into the long-term effects of low-radiation doses, the program will begin with registering plutonium workers. But a NRPB spokesman does not see the register becoming scientifically useful for 20-30 years. In the U.S. the Radiation Registry of Physicians—composed of approximately 6,000 radiologists and 4,000 pathologists—was set up in 1961 to monitor these doctors throughout their professional lives. The National Academy of Sciences is now working on a registry for radiologic technologists.

### ARRT Exam Notice

Effective July 1, 1976 only graduates of AMA-approved programs will be accepted for registry examination in nuclear medicine technology with one exception. That exception is for candidates enrolled prior to that date in other training programs leading to eligibility under one of the alternate qualifications now in effect.

## **Mathews Confirmed as Secretary of HEW**

F. David Mathews, Ph.D., 39, was confirmed by the Senate as Secretary of Health, Education, and Welfare on July 22, succeeding Caspar W. Weinberger, whose resignation was effective August 10.

Dr. Mathews, who was President Ford's nominee for the position, had been with the University of Alabama for 15 years and served as the institution's president since 1969.

He was a lecturer on the university's department of history and is the author of several works on southern history and American higher education.

## **Section Involved in Preparing "Essentials" on Sonography**

The Technologist Section is sending Mark Muilenburg as its representative to the September 4th meeting organized by the AMA to develop educational standards for the field of medical sonography (ultrasound). The primary objectives of the September meeting are to reach agreement on the basic concepts to be embraced within "Essentials" for this field as well as the composition of a review body to assume responsibility for evaluating teaching programs and preparing recommendations on accreditation status.

## **Midwinter SNM Board Meeting Scheduled**

The SNM Board of Trustees will hold its midwinter meeting in Atlanta, Georgia, on Saturday, January 25th, 1976. Committee meetings will be held all day Friday, January 24th. This is your op-

portunity to participate in the decision-making activities of the Society. If you have any business for the Board to consider, send it in today to the National Office. Have input into the planning process now!

## **Meet You in St. Louis!**

The Annual Midwinter Tech Section Meeting will be held in St. Louis, February 6-8, 1976, at the Chase-Park Plaza Hotel. Bob LaDue is program chairman and Cathy McClenton and Sheri Pasternak are in charge of local arrangements. Bob LaDue welcomes your ideas of subjects that should be on the program and any suggestions for the format of the sessions. Send him your suggestions at Nuclear Medicine Division, University of Iowa Hospitals and Clinics, Iowa City, Iowa 52242.

## **Section to Generate Publication on Its History**

As the Tech Section moves toward its fifth birthday, President Isserstedt has charged Vince Chericco, Don Ward, and Jim Langan to begin working on a publication that reviews the history of the Tech Section and its chapters.

Vince Chericco, as chairman of the Past Presidents' Council, will be responsible for collecting material about the national section. Don Ward, as Secretary-Historian, will collect information on Chapter history, and Jim Langan, as chairman of the Publications Committee, will be involved with the publication process.

Plans are to have all information collected by the Midwinter Meeting in February and to complete publication by the Annual Meeting next June.

Don Ward needs your help! Each chapter is requested to send him background information on its history to be included in the pub-

lication. Please send this to him as soon as possible at Route 6, Box 500B, Tampa, Fla. 33610.

## **Prepare for National Elections Now**

Prepare now for the election of national officers for the Technologist Section for 1976-1977. National Council Delegates are required to submit a maximum of two names for consideration by the Nominating Committee for the following offices: President-Elect, Secretary-Historian, Treasurer, two members of the Membership Committee, four members of the Nominating Committee, and one member of the Finance Committee. Individual names may be submitted to the Chairman of the Nominating Committee (Vince Chericco) for consideration by petition if at least ten Section members' signatures appear on the petition.

The Nominating Committee will only consider resumes in a standard form. Blank resume forms can be obtained from your National Council Delegate or from the National Office.

The Chairman of the Nominating Committee must receive these forms by December 11, 1975. Each name is then sent to the members of the Nominating Committee for review and evaluation, and those receiving the highest evaluation will be nominated for office. The ballot containing the nominees as well as space for write-in candidates will be mailed to all members of the Section no later than April 9, 1976. Each ballot must be returned no later than May 9, 1976, and the results of the election will be announced at the Annual Meeting in Dallas next June.

Mail names, petitions, and resumes no later than December 11th to Vince Chericco, Peter Bent Brigham Hospital, Department of Nuclear Medicine, 721 Huntington Avenue, Boston, Mass. 02115.

## Continuing Education Assessment Exam Results

The March 1975 issue of the *JNMT* contained a set of 107 multiple-choice questions under the heading, "Continuing Education Assessment Examination." The purpose was to give journal readers an opportunity to assess their general knowledge of nuclear medicine technology. An answer sheet was provided and participants were asked to mail a copy, anonymously, to the SNM National Office. The

answers appeared in the June 1975 issue. The answer sheets were graded by Gloria Ellison of the University of Vermont using answers provided by the Publications Committee and the results appear below. The data were analyzed by the Continuing Education Committee. Unfortunately, the small response rate of 8½% makes it difficult to draw any conclusions except that no one group performed at

a high level. A total of 157 answer sheets were received.

The Continuing Education Committee would appreciate receiving comments from readers on the usefulness of this type of examination and an indication of interest in a similar examination in a future issue of the *JNMT*. Please address all comments to Louis M. Izzo, Rowell Building, University of Vermont, Burlington, Vt. 05401.

Educational Background	Number Responding	Average Percent Correct
R.T. + 1 yr. AMA school	23	64.5
R.T. + 2-5 yrs. OJT	37	61.7
R.T. + 1 yr. non-AMA school	8	67.3
B.S. + 1 yr. AMA	13	69.2
A.S. in NMT	2	65
B.S. in NMT	6	76.7
ASCP + 1 yr. in NMT	5	62.7
Other		
M.D.	3	74.5
Students	11	63
OJT only	9	54.1
Not specific	4	51.4
R.T. + OJT	4	52.6
M.T. + OJT	8	63.1
B.A. + OJT	7	69.3
Other	5	71.1
	145	

Years of Experience	Number Responding	Average Percent Correct
0-1	4	56.1
1-2	33	65.4
2-4	29	60.7
4-6	20	65.4
6-10	33	65.4
10-	12	70.1
No Response	15	58.0
	146	

Department of employment of respondents	Type of facility	
Radiology	University Medical Center	
Pathology	or Community Hospital	
Internal Medicine	A. less than 300 beds	38
Nuclear Medicine	B. 300-500 beds	33
Therapy and Nuclear Medicine	C. greater than 500 beds	38
Radiation Science	Clinic or Private Office	4
Radiology and Pathology	VA or Military Hospital	10
Radiation Medicine		123
Research		
Pathology and Internal Medicine		
	140	

## Mallinckrodt Donates \$1,000 for Awards

Once again this year Mallinckrodt donated a generous \$1,000 to the Tech Section to be used for awards for outstanding scientific exhibits, papers presented at the Annual Meeting, and papers in the *JNMT*. The winners of the awards are listed below.

### Scientific Exhibits

**First prize, \$200:** "Gamma Camera Collimators," by Elizabeth Joyce, Albert Einstein Medical Center, Philadelphia, Pa.

**Second prize, \$150:** "Evaluation of Myocardial Perfusion Using Rest and Stress <sup>43</sup>K Scans," by Donald Ross and Denise Deatrich, University Hospital, London, Ontario, Canada.

**Third prize, \$100:** "Gallium-67 Scans with the Anger Rectilinear Tomographic Scanner," by Bridget Czerwinski, Margaret Comer, Midge Ochart, Rush Presbyterian-St. Luke's Medical Center, Chicago, Ill.

### Technologist Papers

**First prize, \$200:** "A Dual Radiopharmaceutical Joint Scan Method for Arthritic Assessment," by M. L. Silver and N. D. Greyson,

Mount Sinai Hospital, Toronto, Ontario, Canada.

**Second prize, \$150:** "Motion Picture Format Presentation of Gated Cardiac Blood Pool Images," by B. A. Mefferd, C. Quigley, N. V. Green, H. Argess, Jr., and G. S. Johnston, National Institutes of Health, Bethesda, Md.

**Third prize, \$100:** "Chemical Determinants of Accuracy in the Radioassay for Serum Folate," by D. Forrest and T. Shea, Peter Bent Brigham Hospital, Boston, Mass.

### Student Papers

**First prize, \$75:** "A Technical Comparison of Scanner and Camera Imaging Functions Using the Modulation Transfer Function (MTF) as a Function of Depth," by M. P. Budge, Toronto Institute of Medical Technology, Toronto, Ontario, Canada.

**Second prize, \$50:** "Maintaining Scintiphoto Quality," by C. K. Johnson and D. W. Damm, V.A. Hospital, Minneapolis, Minn.

### Journal Paper

**First prize, \$100:** "Oral <sup>99m</sup>Tc-Pertechnetate: An Aid in the Differentiation of Epigastric Lesions," by Susan Weiss and James J. Conway. *JNMT* 2: 146-149, 1974.

## New Associate Editors Named

Tony Mazzola, Mike Cianci, and Lance Rose have been appointed to the *JNMT* as Associate Editors, Editor Dave Wells has announced. They join Jim Kellner, who has been an Associate Editor since the Journal's inception in 1973, and Lorri Shuck, who has served on the staff for the last year. Former Associate Editors Jim Langan, Bob LaDue, and Chuck Henry resigned in June because of other commitments.

Tony, Mike, Jim, and Lorri are responsible for reviewing manuscripts submitted for publication for scientific content and for appropri-

ateness for publication in the *JNMT*. Lance replaces Chuck Henry as References Editor and is responsible for checking the accuracy and applicability of references cited in papers submitted for publication. The first of the manuscripts they have worked on will appear in the December issue. Drs. William Hendee and Douglas Maynard, as Consulting Editors, Sheri Pasternak, as News Coordinator, and the recently appointed Chapter News and Overseas News Representatives round out the editorial staff.

Prior to the Annual Meeting in

Philadelphia in June, *JNMT* Associate Editors also comprised the Publications Committee of the Section, with the *JNMT* Editor serving as Chairperson. At the National Council Delegates meeting in June the proposed bylaws change making the *JNMT* editorial staff and the Publications Committee two separate bodies was approved, and Jim Langan was appointed to head the Publications Committee by President Isserstedt. Jim Langan has announced the other members of the committee and they are: Bill Otte and Jim Sims (3-year terms), Dorothy Price and Joan McKeown (2-year terms), and John Kozar and Bill Setlack (1-year terms). Jim Langan as Chairperson will serve a 1-year term, but he may be reappointed for an additional 1-year term with the approval of the National Council. Dave Wells, as *JNMT* editor, will serve as the eighth member of the committee for as long as he holds the editorship. *JNMT* Associate Editors may not serve on the Publications Committee.

Under the bylaws change, the Publications Committee will have direct management control and editorial review of all publications of the Section and will submit for the National Council's approval the names of any individuals it recommends to serve as Editor of the *JNMT*, who now serves for at least three years but not more than six years.

## New Members Accepted in Philadelphia

At the Philadelphia meeting, 232 new members were accepted by the Tech Section, bringing the total membership to 1,895—a 162% increase in the last 4 years! By the Midwinter Meeting next February, the Tech Section should exceed the 2,000 mark.

# Highlights of Annual Meeting



More than 450 technologists met in Philadelphia to hear papers and attend teaching sessions . . .



. . . visit the 400 scientific and commercial exhibits in the beautiful Philadelphia Civic Center . . .



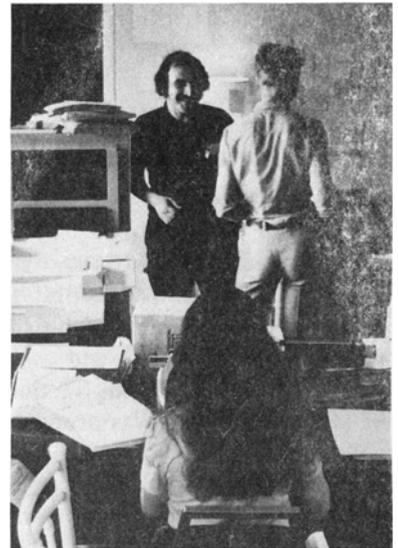
. . . and dine, dance, and swim the night away at the Coliseum in New Jersey.



At the business meeting, Dr. Gottschalk welcomed the technologists . . .



. . . and President Vince Cherico handed over the gavel to incoming President Glenn Isserstedt.



Behind the scenes, Vince chats with members of the National Office staff.

## Message from the President



Since its inception the Technologist Section has been very active, effective, and task-oriented by reason of its progressive membership and leadership; its characterization is ACTION.

The anatomy of the Section's past and future ACTION is realized by dissection:

A—ASSESSMENT of our professional and individual goals and objectives must be omnipresent. The Section must continually assess its significant role in the development of nuclear medicine technology, continuing education, and liaisons with other professional organizations and the entire medical community.

C—COMMUNICATION among members of the Executive Committee and between the Executive Committee, National Council, and membership to identify ideas and problems and to develop decisions and solutions to problems. To be effective, communication must be a means, not an end in itself, of accomplishing some goal. An imperative component for the Section to achieve goals is by productive communication.

T—TEAMWORK in which everybody is the mutual benefactor. Within the Section, at the grassroots, local, chapter, and national levels, activities, goals,

assessment, and communication must be in concert. A synergistic relationship must continue to be nurtured; the whole must be greater than the sum of its individual components.

I—In order for these parameters to be realized, INPUT must be identified and communicated in appropriate form and along effective pathways. Forms of verbal or written assistance, participation, and involvement are complementary to the communicative matrix.

O—OUTPUT is the logical and necessary result of input. Without both input and output, the Section will not retain its viability. Many tangible forms of output are required; our intangible output is represented by the influence and guidance that has and will continue to be provided by the Section.

N—Your NATIONAL ORGANIZATION can only be what the members want it to be and allow it to be, through assessment, communication, teamwork, input, and output. The National Council and Executive Committee do not make the Section what it is; only you the members do.

The Section's future possesses exciting vistas. ACTION will guide and influence your officers and committee chairpersons as they develop judgments, decisions, and mechanisms to implement appropriate actions.

GLENN A. ISSERSTEDT  
University of Iowa Hospitals and Clinics  
Iowa City, Iowa

### Mideastern Chapter Makes Donation to Education Fund

With a check of \$100, the Mideastern Chapter is the first to contribute to a matching fund for continuing education and accountability in the Tech Section. The idea for the fund was proposed by the Greater New York Chapter, which pledged \$1,000 if the other chapters in the Section would come up with donations totaling \$1,000. The Continuing Education Committee, under the chairmanship of Lou

Izzo, will use these funds to develop new activities in continuing education and accountability. Many thanks to the Mideastern Chapter for its generosity!

### Can You Bring in Ten New Members? If So, We Will Pay Your Dues!

The Membership Committee, under the chairmanship of Mark Mulenburg, is starting an ag-

gressive membership drive aimed at bringing into the Tech Section those technologists active in nuclear medicine who do not now belong.

Join the drive now! If you send us a pile of ten new membership applications, the Tech Section will pay your Tech Section dues for 1976. Act now! Membership applications are available from the National Office. Keep in mind that the deadline for submitting applications for consideration by the National Council at the Midwinter Meeting in February is December 22. Get those applications in!

# Technologist Section Officers, 1975-76

## President

**Glenn A. Isserstedt**

Glenn is the Administrative Supervisor of the Department of Radiology, University of Iowa Hospitals and Clinics. He received his B.S. degree from Coe College, Cedar Rapids, Iowa, and his M.S. degree from the University of Iowa. Prior to being elected President of the Technologist Section, Glenn was very active on both the state and national levels of radiology and nuclear medicine technology organizations. From June 1973 to June 1974 he served as Chairman of the Continuing Education Committee and Publications Committee of the Section. He was also the first Editor of the *JNMT*. His special interest is education, which is evident by his past involvement as Director of the Iowa Academy of Science, Associate Director of the National Science Institute, and Review Editor of the *Iowa Science Teachers Journal*.

## Other Election Results

### Nominating Committee

Danielle Gueorev  
Richard S. Pollack  
Connie K. Brennan  
Mary H. Reager

### Membership Committee

Susan C. Weiss  
Douglas B. Wigton

### Finance Committee

Lorri D. Shuck  
Anthony L. Mazzola  
Robert A. McDonald

## President-Elect

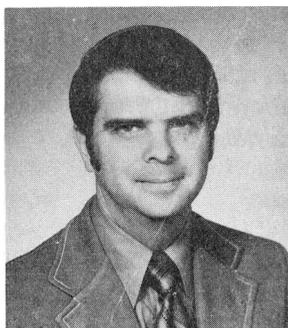
**Mark I. Muilenburg**



Mark is Chief Nuclear Medicine Technologist and Manager of the Department of Nuclear Medicine, Creighton Medical School, Omaha, Nebraska. He received his B.S. degree in nuclear medicine technology from the University of Iowa in 1969. Mark has received numerous awards and recognition and has authored some 15 scientific papers. He has held many offices, at both the Chapter and National levels, the most recent being Secretary-Historian of the Technologist Section.

## Secretary-Historian

**Donald G. Ward**



Don has been in the field of nuclear medicine for over 10 years. He is presently employed as Administrative and Technical Director, Department of Nuclear Medicine, Tampa General Hospital. He re-

ceived his B.S. degree in biology and chemistry from the University of Tampa. Frequently known to his colleagues as an educator, Don developed the Nuclear Medicine Technology Program at Tampa General in 1965 and also coordinated the development of an Associate of Science degree program for nuclear medicine technologists at Hillsborough Community College in Tampa. He has been instrumental in organizing the Technologist Section of the Southeastern Chapter and has presented and published many scientific papers.

## Treasurer

**Mary E. Maxwell**



Mary completed her radiologic technology training at Creighton Memorial Hospital, Omaha, Nebraska, in 1965 and nuclear medicine training at Duke University Medical Center, Durham, North Carolina. She has been very active in the Central Chapter, both as an officer and participant in the Continuing Education Program for Nuclear Medicine Technologists. She is a member of the Editorial Advisory Board for the Nuclear Medicine Section of the *Journal of Applied Radiology* and has published three articles in the *JNMT*. Mary is currently employed at St. Paul-Ramsey Hospital and Medical Center, St. Paul, Minn.

## Test Your Knowledge

I. Complete the sentences on the left with the lettered answers on the right. If dynamic cardiac and/or gated blood pool imaging is performed and

- |   |  |
|---|--|
| 1. the patient has had a severe myocardial infarction _____ | a. the ejection fraction will be increased     |
| 2. the patient has a left-to-right cardiac shunt _____      | b. the ejection fraction will be decreased     |
| 3. the patient has a right-to-left cardiac shunt _____      | c. there will be early appearance of the aorta |
| 4. the patient has been placed on a cardiotonic drug _____  | d. the pulmonary phase will be prolonged       |

II. Match the letters to the numbers. In myocardial infarction imaging:

- |  |                                    |
|--|------------------------------------|
| 1. agent(s) reflecting blood flow predominantly          | a. <sup>99m</sup> Tc-pyrophosphate |
| 2. most widely used agent at present                     | b. <sup>99m</sup> Tc-tetracycline  |
| 3. optimal time for imaging is 2-4 days after infarction | c. both                            |
| 4. localizes in infarcted myocardium                     | d. neither                         |
| 5. is commercially available                             |                                    |
| 6. causes cardiac arrhythmia after injection             |                                    |

III. Choose only correct answers. Nuclear angiocardigraphy is helpful in the evaluation of congenital heart disease because:

- a. it can replace angiography in nearly every case
- b. it can be used to follow patients after surgical shunt repairs
- c. it can be used to follow children with small nonsurgical left-to-right shunts
- d. it provides superb anatomic detail of the heart
- e. it can serve as an aid in evaluating which patients with murmurs need angiography
- f. it can diagnose left-to-right shunts smaller than those that can be seen on angiography
- g. the radiation dose is miniscule compared to larger doses that may be delivered by angiography

IV. Left-to-right cardiac shunts can be quantitated using count ratio (C<sub>2</sub>/C<sub>1</sub>) or area ratio techniques. In the following questions match these techniques with the statements on the left that refer to them.

- |  |   |
|--|---|
| 1. provide the highest correlation with oximetrically determined shunt ratios      | a. count ratios (C <sub>2</sub> /C <sub>1</sub> ) |
| 2. false-positive shunt studies are common in patients with valvular heart disease | b. area ratios                                    |
| 3. provide excellent shunt quantitation when bidirectional shunts are present      | c. both   |
| 4. is dependent on a discrete bolus injection for accurate shunt quantitation      | d. neither  |

*Submitted by:*  
 Don Bernier  
 Mallinckrodt Institute  
 of Radiology  
 St. Louis, Mo.

## Have Suggestions? Contact Your Committee Chairpersons

The following committee chairperson appointments have been announced by President Isserstedt. They would like to have your suggestions, so let them hear from you.

### Awards

Floyd L. Potes  
 Dept. of Nuclear Medicine  
 Palmdale General Hospital  
 Palmdale, Calif. 93550

### Bylaws

Donald R. Bernier  
 Nuclear Medicine Dept.  
 Mallinckrodt Institute of Radiology  
 510 Kingshighway  
 St. Louis, Mo. 63110

### Continuing Education

Louis Izzo  
 University of Vermont  
 Div. of Health Sciences  
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 Rowell Bldg. Room 004  
 Burlington, Vt. 05401

### Finance

Anthony L. Mazzola  
 Dept. of Nuclear Medicine  
 Salem Hospital  
 81 Highland Ave.,  
 Salem, Mass. 01915

### Legislative Affairs

Donald R. Hamilton  
 325 Wessling Circle  
 Catonsville, Md. 21228

### Membership

Mark I. Muilenburg  
 Nuclear Medicine  
 Creighton Memorial St. Joseph's  
 Hospital  
 Omaha, Neb. 68134

### Nominating

Vincent V. Cherico  
 Dept. of Nuclear Medicine  
 Peter Bent Brigham Hospital  
 721 Huntington Ave.  
 Boston, Mass. 02115

ANSWERS: I: 1-B; 2-D; 3-C; 4-A. II: 1-D; 2-A; 3-C; 4-C; 5-A; 6-D. III: B; C; E; G. IV: 1-B; 2-A; 3-D; 4-C.

## NMT Examination

Leo Lopez  
Dept. of Laboratory Medicine  
Johns Hopkins Medical Institutions  
601 N. Broadway  
Baltimore, Md. 21205

## Publications

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

## Scientific Program

Robert J. LaDue  
Nuclear Medicine Div.  
University of Iowa Hospitals and  
Clinics  
Iowa City, Iowa 52242

# Chapter News

## Central Chapter

The licensing of nuclear medicine technologists has become a hot issue in the Central Chapter. Indiana, Illinois, and Minnesota all have legislation in the proposal stage; Indiana's bill is in committee and Michigan is proposing a bill to license physicists. A Radiation User Licensure Development Committee, organized by the Illinois Department of Public Health, has developed a document on the licensing of NMTs that will be introduced at the next session of the Illinois legislature. NMTs have been represented by Susan Weiss on the committee. There are several items in the document that are contrary to the best interests of nuclear medicine technologists; however, it is hoped that a compromise can be worked out before the legislation is proposed and public hearings are held. The ATACA group (Chicago) has asked the Illinois State Medical Society for political support. Details for affiliation with the medical society are now being worked out. The affiliation will be for political purposes on the state level only;

technologists will not become members of the medical society. Carter Taliaferro is Central Chapter coordinator of legislative affairs. Anyone with information concerning activities in the Chapter should forward that information to him at Evanston Hospital, 2650 Ridge Ave., Evanston, Ill. 62201.

The Central Chapter Technologist Section has voted to give the \$160 originally pledged to the Educational Foundation to be applied to whatever continuing education program the Technologist Section adopts. It is hoped that a program is set up quickly.

The Section now has the benefit of the services of an executive secretary who will help coordinate and conduct the business of the Section. The Section voted to share expenses with the physicians for their services.

The Chapter was well represented at the Annual Meeting in Philadelphia. The Central Chapter technologists presented 32% of all technologist papers given at the meeting.

The Fall Meeting of the Section will be held October 18th and 19th in Cleveland. A 1½-day program is planned, and the Continuing Education Program will be offered again for those in the Cleveland area who did not have a chance to attend one of the earlier sessions. Inquiries concerning the program of this meeting should be sent to Program Chairperson Betty Patterson, The Community Hospital, 901 MacArthur Blvd., Munster, Ind. 46321. Attendance at the Continuing Education Program is open to technologists from other Chapters as well. Inquiries should be sent to Susan Weiss, Dept. of Nuclear Medicine, Children's Memorial Hospital, 2300 Children's Plaza, Chicago, Ill. 60614. A registration fee will be required. It is hoped that next year CEU credit can be given for the course.

—Susan Weiss

## Eastern Great Lakes Chapter

The Annual Spring Meeting held May 15 at the Hospital for Sick Children, Toronto, Ontario, Canada, featured Dr. Harold L. Atkins of the Brookhaven National Laboratory, who spoke on the new cyclotron-produced radionuclides. The balance of the program consisted of the presentation of submitted scientific papers. At the conclusion of the scientific program, the Technologist Section held its First Annual Business Meeting, at which the election of officers was held. The officers for the coming year are: President, Charles Henry, Syracuse, N.Y.; Vice-President, Michael Tusean, Rochester, N.Y.; Secretary, Helen Rogk, Ottawa, Ontario, Canada; Treasurer, Don Patel, Toronto, Ontario, Canada; and National Council Delegate, Lloyd Schneider, Toronto, Ontario, Canada.

—Charles A. Henry

## Greater New York Chapter

With 360 in attendance, the Chapter's 2-day Spring Symposium held in April in Hasbrouck Heights, N.J., featured a Cardiopulmonary Resuscitation Course consisting of two 4-hour sessions given by local representatives of the New Jersey Heart Association. On Saturday, the opening session, entitled "How to Handle a Medical Emergency," was presented by Dr. Joseph Dwek of Booth Memorial Medical Center, Flushing, N.Y. For those technologists preparing to take registry exams, a registry review was conducted covering such areas as math, physics, and in vivo and in vitro procedures. These sessions were conducted by Richard Zott, Joseph Barbieri, Ralph Thomas, and Robert Tokarz.

Workshops for those responsible for running a nuclear medicine department were presented by Robert Schneider. He discussed the preparation of a department budget and offered guidelines for preparing for a regulatory inspection.

Scientific papers were also presented at this meeting, including: "The RES-O-MAT ETR Test for the Determination of Neonatal Thyroid Activity," by Gary D. Gallimore; "Evaluation of a Multi-Imaging System," by Rao Dasika; "A Rapid Renal Screening Using a Single Dose of <sup>99m</sup>Tc-DTPA," by Herbert Strauss; and "A Quality Control for the Radioimmunoassay," by Robert Tokarz.

The Spring Symposium was a great success and Program Chairperson Sherry Lee and her staff, Vi Custer, Art Vandenbos, Linda McKnight, Sheldon Ashley, John Phander, Mary Ann Pondish, and Mary Ann Palmer, are to be commended for their fine work in setting up this meeting.

Plans are under way for the Third Annual Fall Symposium to be held October 11-12 in New Jersey. Featured will be a registry review and a workshop on managerial techniques. Further information may be obtained from Richard Smilie, Program Chairman, Downstate Medical Center, Brooklyn, N.Y., (212) 270-1456. Another Spring Symposium will be held next April at a site to be announced.

Local groups within the Chapter are also busy putting together various programs for the coming year. The Philadelphia group will be holding its first symposium on September 27 at the Marriott Motor Inn, City Line Drive, Philadelphia. Details may be obtained from John Reilly, (215) 221-3475.

The Long Island Society of Nuclear Medical Technologists is planning a trip to a reactor, and a day of family fun at Sterling Forest in New York is also on the agenda. A workshop on camera quality control is also being planned. For information on these activities, call Shelley Ashley at (212) 359-2000, ext. 573.

The newly incorporated New York State Society of Nuclear Medicine Technologists is holding its First Annual Symposium October 3-4 at the Westchester Sheraton Eagle Bay Inn in Ossining, N.Y. Program Chairman John

Tassinari, (516) 261-4400, nuclear medicine ext., can supply information about this meeting.

A bill unofficially sponsored by the New York State Society of Nuclear Medicine Technologists, Inc., on the licensing of nuclear medicine technologists is currently in the New York State Senate. Since a committee of nuclear medicine technologists, all members of the Technologist Section, played a major role in drawing up this bill, the bill's progress will be watched closely by Chapter technologists. New Jersey also has licensing legislation in the works.

News about the activities of the New York State Society of Nuclear Medicine Technologists, Inc., may be obtained by writing to P. O. Box 243, Syosset, N.Y. 11791.

Chapter officers for 1975-76 are: President, Sherry Lee, Newark, N.J.; President-Elect, Gary Gallimore, Neptune, N.J.; Secretary-Historian, Mary Ann Palmer, Newark, N.J.; Treasurer, Madeline Li, Syosset, N.Y.; and National Council Delegate, Vi Custer, Long Beach, L.I., N.Y.

—Capt. Elmer Berry  
—Vi Custer

#### **Mideastern Chapter**

The Chesapeake Nuclear Medicine Technical Society conducted a dinner meeting on April 2. Guest speaker was Dr. Michael Loberg of the University of Maryland Hospital. He spoke to the group on quality control of radiopharmaceuticals. A business meeting followed.

Election of officers for 1975-76 was held at the Fifth Annual Meeting of the Chapter, April 11-13, in Annapolis, Md. The new officers are: President, Glen Moran; President-Elect, Peg Goodyear; and Secretary-Treasurer, Rosemary Longo. The Scintillation Camera Quality Assurance Workshop co-sponsored by the Bureau of Radiological Health was moderated by Peter Paras, Ph.D.

Richmond, Va., was the site chosen for the Old Dominion Society of Nuclear Medicine Technologists Third Annual Educational Seminar held May 3. Guest speakers included Glenn Isserstedt, who spoke on selling ideas to administration, and Jim Langan and Mike Cianci, who spoke on quality control and collimator performance.

On June 4, the Chesapeake Nuclear Medicine Technical Society held a dinner meeting in Towson, Md. The speaker was Dr. Torry C. Brown from Johns Hopkins Hospital. Dr. Brown is the delegate to the Maryland State Legislature from the 39th District in Baltimore. He spoke on state licensing, which has become a very interesting subject to all technologists.

—Charles Harrel

#### **Missouri Valley Chapter**

The Greater St. Louis Association of Nuclear Medicine Technologists held its bi-monthly meeting on August 5 at the Mallinckrodt Institute of Radiology, St. Louis, Mo. The featured speaker was David Phegley, B.S., R.T., who spoke to the group about a new multi-detector whole-body imaging system under evaluation at the Institute. To promote attendance and participation, the Association awards door prizes at each meeting and a grand prize of \$150 annually. This money is used to help defray the winner's travel expenses to the SNM Annual Meeting.

The Second Annual Nuclear Medicine Technology Seminar sponsored by the Greater St. Louis Association of Nuclear Medicine Technologists in conjunction with the Division of Nuclear Medicine at the Mallinckrodt Institute was held September 6-7. Workshops on both imaging and radioimmunoassay were offered to the participants. Faculty members included Technologist Section President Glenn A. Isserstedt, President-Elect Mark Mulenburg, and *JNMT* Editor L. David Wells.

The Fifth Semi-Annual Registry Review of the Missouri Valley Technologist Section will be held October 24-26 at the Carousel Inn, Iowa City, Iowa. Interested technologists may contact Robert LaDue for registration information. His address is: Dept. of Nuclear Medicine, University of Iowa Hospitals and Clinics, Iowa City, Iowa 52242; or call (319) 356-2597.

The Missouri Valley Chapter will hold its Annual Meeting November 8-9 at the Sheraton Westport Inn, Creve Cour, Mo. The theme of the meeting will be "Radioisotopic Thrombus Detection." Excellent scientific and social programs are planned.

—Robert LaDue

#### **New England Chapter**

The Annual Meeting of the Technologist Section of the Chapter was held on April 26 at the Holiday Inn, Peabody, Mass. There were 131 technologists in attendance as well as 18 exhibitors. The meeting was a great success. Congratulations to the program chairperson and her staff.

Several bylaws changes were voted on and accepted. Election of officers presented by the Nominations Committee for 1975-76 was held. The new officers are: President, Wayne Cotnoir; Vice President, Herta Houle; Secretary-Historian, Robert Roe; Treasurer, Ian MacDonald; National Council Delegate, Mary Simpson; and Nominations Committee, Joe Eysie, Darlene Fuller, Gloria Lees, and Marion Hughes.

The New England Society of Clinical Radioassay held its fourth meeting in Boston May 13. The goals of this infant society are (A) to transmit information on procedures and assays and to lend to others the technical experience of the membership in the field of radioassays; (B) quality control of RIA products to aid fellow members in the technique of cost analysis; and (C) to make available a library for fellow members to draw from.

Although the summer brings with it a lull in technologists' activities, the committees behind the scene continue to work. The Scientific Program Committee is finalizing its plans for an all-day symposium in conjunction with the meeting of physicians of the New England Chapter on October 18 at the Colonnade Hotel in Boston. A variety of topics has been selected, including a lecture on malpractice and technologists, to be given by a local attorney; an update on the Nuclear Regulatory Commission and the changes it brings with it; and a demonstration of the Brattle Synchronizer. New officers will also be installed at this meeting. Also, the Scintillation Camera Quality Assurance Workshop will be conducted at the Massachusetts General Hospital, September 20.

—Cecile Gaigals

#### **Northern California Chapter**

Northern California technologists were treated to a double bill of fare at the Saint Francis Yacht Club. Sessions on radioimmunoassay and camera quality control were enthusiastically attended in March. In April, the annual registry review was attended by technologists from Nevada and Southern California as well as Northern California.

Continuing efforts to increase membership have brought 17 new members and a total membership of 160. These members and the members of the Southern California Chapter have been surveyed concerning salary ranges. The questionnaire covered formal education, professional training, type of employing institution, size of institution, job title, and yearly base salary.

Several ventures of conjoint nature are planned for the coming 6 months. A conjoint meeting with Southern California will take place in October. A Western Regional Meeting of nine western states will be held next February in Reno, Nev.

Information concerning these two meetings may be obtained from Program Chairman Paul Tegen, Mary's Help Hospital, 1900 Sullivan Ave., Daly City, Calif. 94015; (415) 992-4000, ext. 275.

—Rose Ann Anderson

#### **Pittsburgh Chapter**

The first meeting of the Pittsburgh Chapter Technologist Section will be held September 19 at 7 p.m. at Indiana Hospital, Indiana, Pa. The program will be devoted to thyroid function testing and will be presented by Thomas Dias, Representative, Abbott Laboratories. A short business meeting will follow.

The President of the Technologist Section for 1975-76 is Ellsworth "Al" Shade, Chief Technologist, Department of Nuclear Medicine, Bradford Hospital, Bradford, Pa. He has worked in the field about 16 years. The Secretary-Treasurer is Christine Woodrum, Assistant Chief, Technologist, Department of Nuclear Medicine, Bradford Hospital, Bradford, Pa. Chris also serves as membership recruiting officer. She has about 5 years experience in the field.

Lance Rose, National Council Delegate and former President, is to be commended for his outstanding contribution of keeping members of the Chapter informed of current National Technologist Section meetings.

—Lance Rose

—Christine Woodrum

#### **Southwestern Chapter**

The Southwestern Chapter Technologist Section, with 155 members at present, is growing both in number and in involvement in the field of nuclear medicine. Technologists from the Chapter were well represented at the Annual Meeting in Philadelphia. Chapter technologists are working very actively in presenting symposia and workshops in their local areas and in presenting papers and exhibits at Chapter and National Meetings.

The two workshops held by the North Texas Technologist Section were both very successful and well received. The "Brain Workshop" drew about 80 participants, and the "Quality Assurance for Scintillation Camera Workshop" attracted 40 more.

On November 4-7, E.R. Squibb & Sons will present a National Nuclear Medicine Seminar in Houston at the Brookhollow Hilton. The seminar will cover nuclear physics, a math review, radiation biology, health physics, radionuclide production, thyroid function, application of radiopharmaceuticals, and principles of radioimmunoassay. Those desiring information should contact Earl Garitty, 4104 Cleveland Pl., Metairie, La. 70003; (504) 887-7240.

The Houston Community College School for Nuclear Medicine, which is offering a 2-year Associate degree program and which gives college credit for those holding a registry in nuclear medicine, will be offering night classes beginning in September. For further information contact: Kathy Dooley, Program Coordinator, Health Careers Div., 1205 Holman Ave., Houston, Texas 77004.

Anyone with news items should contact Ann Logan, 6655 Travis, Houston, Texas 77025; (713) 790-4366.

—Ann Logan

### **Southeastern Chapter**

The Chapter's 16th Annual Meeting and the Technologist Section's Seventh Annual Meeting will be held at the Fairmont Hotel, Atlanta, Ga., October 22-25. The technologists have actively participated in these meetings since 1969 by presenting scientific papers and workshops. This year, for the first time, the technologists' workshop, "Putting the Patient in Focus," under the direction of Shirley Myrick, will be included in the *Continuing Education Lectures*, which have been published annually since 1971.

Leo Lopez, who has worked diligently on the controversial conjoint registry issue, will be guest speaker at the technologists' business meeting, which will be held Thursday, October 23.

State organizations can be helpful. The Alabama Society of Nuclear Medicine (ASNMT) charged Frances Kontzen at its annual meeting April 18-19 with expressing its unanimous opinion that the ASRT authorize the unrestricted acquisition of the two JRC seats (formally held by the SNMT) by the SNM Technologist Section.

The Alabama Society of Nuclear Medicine felt that the two seats held by the ASRT adequately and equally represented that organization and that further claims on other seats were unwarranted.

Contact was made with Judy Glos and Vince Chericco. Vince asked us to wait until after his meeting with the ASRT members on May 10 before taking any action that might interfere with negotiations.

After the meeting and with Vince's approval, Danny Meadows sent ASNMT members a letter explaining the issue. He also enclosed a petition addressed to President Gregory H. Trovato and a stamped, addressed envelope. The membership had only to sign the letter, seal the envelope, and mail it. This proved quite successful. Another letter was sent to Mr. Trovato by Chairperson Frances Kontzen.

On June 11 letters were sent to Frances Kontzen, Danny Meadows, and the SNM Technologist Section informing them of the reversal decision of the ASRT concerning the JRC seats. In matters like this we feel that state organizations can be very helpful.

The technologists of the Southeastern Chapter will be investigating means for establishing an electoral vote in the Technologist Section which will better represent the members. Example: One to 100 members in a Chapter will have one vote on the council and each additional 100 members one vote. We

feel that the time has come when members rather than Chapters should have a voice in the policy-making of the Technologist Section.

—Frances Kontzen

### **Southern California Chapter**

The best technologist papers presented at the dinner meeting in May at the Anaheim Sheraton Hotel were selected, and the winners are: Naomi Bell, St. Jude Hospital, Fullerton; Michael Christensen, Palm Harbor Hospital, Garden Grove; and Joan Viscione and Chelle Young, both of St. Francis Hospital, Lynwood. All have been invited to present their papers at the special full-day technologist meeting prior to the Annual Conjoint North-South meeting at the Los Angeles Marriot Hotel in October.

A workshop was held August 23 aboard the Queen Mary on "Computer Applications in Nuclear Medicine." Those attending were able to stay aboard the floating hotel for the night if they desired. This was a very beneficial workshop for many nuclear medicine technologists, since the use of computers in the practice of nuclear medicine has increased. A dinner dance was held in the evening topping off the day of serious study.

Members of the Technologist Section are reminded to be considering names to submit to the nominating committee for the election of officers, which will be held in October.

The first election of officers of the newly formed Phoenix Segment took place in March. The officers are: David L. Baxter, President; Sue Leman, Vice President; and Peggy Dean, Secretary-Treasurer.

The Quality Assurance for Scintillation Cameras Workshop was held in Phoenix on March 22 at the Maricopa County General Hospital. Although the Phoenix Segment was not completely formed in time to sponsor the workshop, officers and members actively supported and participated in it. A total of 43 nu-

clear medicine technologists were registered for the program. David L. Baxter served as workshop moderator. This was the fifth quality assurance workshop cosponsored by the Bureau of Radiological Health.

A North-South Arizona Nuclear Medicine Technologist Seminar will be held November 1-2 at the Ramada Inn in Tucson.

—Eileen Brief

## News from Overseas

### Mexico

The Mexican Society of Nuclear Medicine held its annual Congress May 1-4 in Guadalajara. Special emphasis was on celebrating the 10th anniversary of the Society.

The Fall Meeting took place August 1-2 at the National Institute of Nutrition in Mexico City. The Meeting was held in conjunction with the Regional Latin American Association of Biology and Nuclear Medicine.

Margarita Jaurequi will continue to submit news to the *JNMT* and she may be contacted at Av. Lopez Mateus NTE #666, Guadalajara, Jalisco, Mexico.

—Margarita Jaurequi

### Philippines

Efforts are being made to form a society of nuclear medicine technologists in the Philippines. Presently, nuclear medicine technologists are either medical or radiologic technologists or chemists, who are affiliated either with the Society of Medical Technologists or the Philippine Association of Radiologic Technologists, which have their respective government boards.

Other organizations related to nuclear medicine are the Radioisotope Society of the Philippines (RSP) consisting of graduates of the 6-week course given by the Philip-

pine Atomic Energy Commission (PAEC) and the Philippine Society of Nuclear Medicine (PSNM), whose members are exclusively physicians. Few nuclear medicine technologists are members of the RSP. Plans to approach the PSNM regarding technologist affiliation with that organization are being formulated.

There are 12 hospitals with nuclear medicine laboratories, seven of which are in Manila and five in the suburbs of Manila. Another one is in Cebu City, which is in a southern island. There are usually two to three nuclear medicine technologists per laboratory.

Edna C. Domingo will be reporting on the progress being made to organize nuclear medicine technologists in the Philippines as well as other news in the *JNMT*. Anyone wishing to contact her may do so at the Makati Medical Center, Nuclear Medicine Section, Box 16 Comm. Center, Makati, Rizal, D-708, 1B, Philippines.

—Edna C. Domingo

### Puerto Rico

Nuclear medicine in Puerto Rico was introduced by Dr. Roberto Busó at the Mimiya Hospital in 1953. The Superior Educational Council, which is the governing body at the University of Puerto Rico, created a Center for Nuclear Studies in 1955. In 1956, \$10,000 was appropriated for the center and Dr. Amador Cobas was named director. The Puerto Rico Nuclear Center was finally established at the University of Puerto Rico in 1957 with the collaboration of the former U. S. Atomic Energy Commission and in October 1-month courses were begun with lectures in the morning and laboratory sessions in the afternoon. These courses were offered to scientists interested in the techniques of handling radionuclides.

The Nuclear Center was later moved to the biomedical building at the Rio Piedras Medical Center.

The principal objective was to stimulate the peaceful use of nuclear energy in Puerto Rico.

The courses at the Nuclear Center have been expanded, a swimming pool-type reactor has been built in Mayaguez, and a Master's degree in Health Physics can now be obtained. The future of the Nuclear Center is uncertain due to the dissolution of the AEC and the emergence of the ERDA and NRC.

Resident training for physicians in nuclear medicine has been approved and there are two physicians engaged in that program at the Veterans Administration Center.

Technologists are trained at the Puerto Rico Nuclear Center or on the job with more experienced personnel. A program leading to a B.S. in nuclear medicine technology is being studied and hopefully it will start in 1976. It will be part of the Radiological Sciences Department of the University of Puerto Rico School of Medicine.

There are several physicians in Puerto Rico who are Board Diplomates in Nuclear Medicine and only two technologists who are registered by the ARRT and ASCP. Efforts are being made to get more technologists to take the registry examinations, and membership in the Technologist Section of the Society of Nuclear Medicine is encouraged.

Anyone interested in further details may contact: Rafael Bernabe-Prida, Nuclear Medicine Department, Veterans Administration Center, GPO Box 4867, San Juan, P.R. 00936.

A new law to create an examining board and to regulate the practice of nuclear medicine technology in Puerto Rico was designed by some local technologists and a physician. The next step is to obtain approval from the Executive Board of the Society of Nuclear Medicine of Puerto Rico. Public hearings must then be held and finally it will go to the Senate of Puerto Rico and the Governor for his signature.

In general, the proposed law recognizes two categories of

nonphysicians working with radio-nuclides: nuclear medicine technologists who have at least a B.S. degree and nuclear medicine technicians who do not possess a B.S. degree but have taken certain approved college courses and meet the requirements specified in the proposed law. Persons in both categories must work under the supervision of a qualified physician, and the technicians are supervised by the technologists.

A very important part of the law states that any person who meets the requirements will obtain, on request, a license to practice as a technologist or technician in nuclear medicine in Puerto Rico. This request must be made 90 days after the law goes into effect. After that time, anyone wishing to pursue the profession must pass the exami-

nation prepared by the examining board in order to obtain a license.

Also there is a reciprocity clause that states that any person who has passed *both* registry examinations offered by the ARRT and the ASCP will, on request, be granted the license to practice nuclear medicine technology in Puerto Rico without having to take the examination prepared by the examining board.

The Society of Nuclear Medicine of Puerto Rico held its Annual Meeting at the El Convento Hotel in San Juan on May 23. Guest speaker was Dr. Henry N. Wagner, Jr., who spoke on in vitro procedures. At the business meeting the constitution was amended so that technologists could have voting privileges on all issues. Before the amendment, technologists had a voice but did not vote at Society meetings. Also for

the first time a technologist, Pablo Collazo, occupies a position on the Executive Committee of the Society.

The Society was established in 1970 and it consists of about 60 members. There are three member categories: full members (physicians or persons having a postgraduate degree); associate members (persons having a college degree); and technical members (persons who do not possess a college degree). Technologists do not have a section as such in the Society.

Any physician or technologist wishing to become a member of the Society should write to Ms. Heidi Pabon, Secretary, Society of Nuclear Medicine of Puerto Rico, c/o Radiology Division, Puerto Rico Medical Center, San Juan, P.R. 00936.

—Rafael Bernabe-Prida

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## Minutes of the Annual Business Meeting Philadelphia, June 18, 1975

The Technologist Section held its Annual Business Meeting on June 18, 1975, at the Hilton Hotel, Philadelphia, Pa. President Vince Cherico called the meeting to order at 4:30 p.m.

In his opening remarks, President Cherico commented on the progressive working relationship between the Technologist Section and the Society of Nuclear Medicine and expressed the view that great things will be accomplished for the medical community if this continues.

The President of the Society of Nuclear Medicine, Alexander Gottschalk, in his welcoming message expressed respect for technologists and their accomplishments. He stated that the unique combination of technologists and physicians working together makes the Society of Nuclear Medicine a successful organization.

### President's Report

President Cherico reported on the following items:

1. Joint Review Committee: The two seats formerly held by the SNMT have been given to the Technologist Section as the final culmination of several years of effort.

2. Special Interest Groups: Certain groups want to take over areas of the nuclear medicine technologist job. We must be aware and be prepared to meet these challenges in order to avoid the degradation of NMT positions.
3. Continuing Education Credits: Programs are being developed and funds appropriated to develop this concept.
4. Publications and Editorship: Dave Wells is doing an excellent job and improving an already excellent journal.
5. Deficit Spending: The Technologist Section is a progressive organization with ideas for programs to be started, programs the membership wants. The programs cost money to initiate.

At the conclusion of his report, President Cherico presented certificates of appreciation to committee chairpersons and officers.

### Secretary-Historian Report

Mark Muilenburg moved that the minutes of the San Diego meeting be approved as circulated in the June issue of the *Journal of Nuclear Medicine Technology*.

Don Hamilton seconded the motion and it was unanimously approved.

### Treasurer's Report

Carol Diamanti stated that the Section was financially solvent and the Midwinter meeting a financial success. The current financial picture is:

Surplus, Oct. 1, 1974	\$18,892.28
Excess income over expenses, May 31, 1975	11,944.29
Total liabilities and surplus	\$30,836.57

The current budget was presented and the increased costs were explained. A motion was made to approve the report, was seconded, and approved.

### Executive Director's Report

Margaret Glos congratulated the Technologist Section on its professionalism and exciting growth. The Society of Nuclear Medicine has great respect for technologists and looks to them for input on technologist affairs and on the overall affairs of the Society.

The Technologist Section will be involved in two projects with the Society. They are:

1. A Washington representative to watch legislation and monitor all activities that affect technologists as well as physicians.
2. Strategic planning which will look at the total Society administratively and help plan the directions in which the Society should move.

### Finance Committee Report

Larry Cavendish presented the 1976 budget which had been discussed and approved by the National Council. The total budget is \$129,700.

A motion was made for approval, was seconded, and approved unanimously.

### Continuing Education Committee Report

Lou Izzo reported that the committee had formulated two projects for approval by the National Council. They are:

1. A system to document continuing education activities on a record or transcript. This system will be personalized to our own needs and will be submitted for approval to the Council in St. Louis and be operational for the Dallas meeting.
2. The Quality Assurance Program on Scintillation Cameras developed by the Bureau of Radiological Health and Dr. Hendee's group in Denver will be assumed and conducted by the Technologist Section.

The Continuing Education Questionnaire sent to the membership is being analyzed and will influence continuing education programs in the future at the local, chapter, and national levels.

The committee is also now reviewing available audio-visuals.

### Publications Committee Report

David Wells described two new publications:

1. The Journal of Nuclear Medicine Technology Style Manual written specifically for the *JNMT*.
2. The Nuclear Medicine Technology pamphlet that was revised by the committee.

The committee also reviewed the bylaws and recommended the separation of the Publications Committee and *JNMT* editorial staff. This change was passed at this meeting.

Chapter news editors have also been appointed and overseas news representatives are being contacted.

The Best Paper Award for volume 2 of the *JNMT* was presented to Susan Weiss and Dr. James Conway for their paper: "Oral <sup>99m</sup>Tc-Perchnetate: An Aid in the Differentiation of Epigastric Lesions."

### Nominations Committee Report

Leo Lopez presented the following innovations in the candidate selection process that were initiated this past year.

1. A standard format was developed which looked at publications, scientific presentations, and appointed or elected offices held.
2. A questionnaire was sent to nominees concerning resources and the commitment of these resources.
3. An informal reception was held for nominees to familiarize the committee with the nominees' philosophies relating to Section affairs.

The results of the election were announced and are as follows:

President-elect:	Mark I. Muilenburg
Secretary-Historian:	Don Ward
Treasurer:	Mary Maxwell
Nominating Committee:	Richard Pollack Danielle Gueorev Connie Brennan Mary Reager
Finance Committee:	Lorri Shuck (3 yrs.) Anthony Mazzola (2 yrs.) Robert McDonald (1 yr.)
Membership Committee:	Susan C. Weiss Douglas B. Wigton

The number of ballots sent out were 1229; 575 were returned for a 46% return. The return last year was 23%.

### Membership Committee Report

Glenn Isserstedt reported that 444 new members were accepted this year. There would be 2146 if all dues were paid. The total for paid and new members is 1895.

## Awards Committee Report

Kathy Dooley described the awards for this year. The exhibits and scientific papers were given savings bonds of \$200 for first place, \$150 for second place, and \$100 for third place. Student paper awards were \$75 and \$50 savings bonds. The scientific paper results will be published in the September issue of the *JNMT*.

The results of the Technologist Scientific Exhibits judging are:

- First Place: "Gamma Camera Collimators"  
Elizabeth Joyce  
Albert Einstein Medical Center  
Philadelphia, Pa.
- Second Place: "Evaluation of Myocardial Perfusion Using Rest and Stress <sup>43</sup>K Scans"  
Donald Ross and Denise Deatrich  
University Hospital, London,  
Ontario Canada
- Third Place: "67-Gallium Scans with an Anger Rectilinear Tomographic Scanner"  
Bridgett Czerwinski, Margaret Comer and Midge Ochart  
Presbyterian—St. Luke's Medical Center, Chicago, Ill.

## Scientific Program Committee Report

Jim Sims stated that, on the recommendation of last year's committee, two co-chairpersons were selected. Theda Driscoll was the co-chairperson for the Houston meeting and Jim Langan was the co-chairperson for the Philadelphia meeting.

## Bylaws Committee Report

The committee report was given by Lois Moore Koch for Robert Schneider. Ms. Koch made a motion to accept the bylaws changes as distributed with the exception of Article VII, change item a, which should be voted on separately. The motion was seconded by Jim Kellner and was carried unanimously.

After discussion of change item a, President Cherico entertained a motion to defeat Article VII, change item a. The motion was made, seconded, and carried.

Joan McKeown made a motion to return the deleted item to the Bylaws Committee for revision and resubmittal. The motion was seconded and carried.

## Old Business

There was no old business.

## New Business

Sheldon Ashley made a motion that a formal timetable be instituted for accomplishing a conjoint registry or that the Technologist Section concurrently look into the possibility of an independent nuclear

medicine registry. It was seconded by Rich Pollack. After lengthy discussion a vote was taken and the motion defeated.

Carter Taliaferro made a motion that the Bylaws Committee be directed to submit to the membership for their approval at the next annual meeting the following amendment: Voting by the National Council Delegates would be an electoral process; each delegate would be given an electoral vote based on the number of members in the represented Chapter, the basis of proportionment being one vote per 100 members.

Rich Pollack seconded the motion.

President Cherico relinquished the podium to President-Elect Isserstedt so he could address himself to the motion. He then expressed his opposition to the motion.

In the discussion, the question of the motion being in order was raised. Don Bernier read Article IX of the bylaws which states the proper mechanism for the proposal of bylaws changes.

A ruling from the chair was called for and President-Elect Isserstedt ruled that the motion was out of order, in view of it being inconsistent with the bylaws amendment mechanism as outlined in Article IX of the bylaws.

President Cherico returned to the podium and announced that the Annual Midwinter Meeting would be held February 6-8, 1976 at the Chase Park Plaza Hotel, St. Louis, Mo.

Leo Lopez presented President Cherico with a plaque and gavel in appreciation for his services to the membership during the past year.

Mr. Cherico then introduced Glenn Isserstedt as the new President.

President Isserstedt addressed himself to the philosophy he would like to see followed during the next year at the national, chapter, and local levels. This philosophy is expressed in the acronym ACTION as follows:

- A—Assessment on professional and personal levels.
- C—Communication among and between the Executive Committee, National Council, and membership to identify ideas and problems and develop solutions to problems.
- T—Teamwork in which everybody is the mutual benefactor.
- I—Input, verbal and written requests for assistance or participation.
- O—Output, both tangible and intangible. The many activities presented in the committee reports identify areas of proposed output.
- N—National organization. It can only be what the members want it to be and allow it to be, through member input and output, assessment, communication and teamwork.

President Isserstedt reemphasized that ACTION will guide all the officers and chairpersons during the next year.

Two important goals were then outlined:

1. Continuing Education: The development of accountability, assessment, and verification mechanisms.
2. Nuclear Medicine Technology Examination: Activities on this subject will be consistent with decisions of the National Council, in conjunction with and consistent with the recommendations of Mr. Lopez.

President Isserstedt then announced the following chairperson appointments: Awards, Floyd Potes; Bylaws, Don Bernier; Continuing Education, Lou Izzo;

Finance, Anthony Mazzola; Legislative Affairs, Don Hamilton; Membership, Mark Muilenburg; Nominating, Vince Cherico; NMT Examination, Leo Lopez; Publications, Jim Langan; and Scientific Program, Bob LaDue.

There being no further business, the meeting was adjourned at 6:00 p.m. by President Isserstedt.

Respectfully submitted.

**MARK I. MUILENBURG**  
Secretary-Historian