Message from the President

By April Mann, MBA, CNMT, NCT, RT(N), FSNMMI-TS

Over the past year, I have been fortunate enough to be involved in many activities within the SNMMI-TS. Under the leadership of Scott Holbrook, BS, CNMT, FSNMMI-TS, the section has worked through several important initiatives that have helped to grow and change the field. Over the next year, I plan to continue several of the initiatives started under Scott’s presidency while adding a few additional areas of focus that, I hope, will strengthen the section and field.

My experiences with many of the changes occurring over the past few years are what led me to consider running for office within the SNMMI-TS. While many of these changes have been positive, our field continues to face external pressures: continued scrutiny due to patient radiation exposure, continued perceptions of over-utilization of testing, decreases in reimbursement, and the nation’s economy contributing to loss of technologist jobs. These pressures leadership is continuing to have an open dialogue with the executives at JDI.

While SNMMI leadership continues to work to find a solution, here are some things that can be done to potentially lessen the impact on the nuclear medicine department.

The biggest impact technologists can have is educating referring physicians on appropriate use. For lung scans, the most common indications are being short of breath with suspected pulmonary embolism, evaluate lung transplant, evaluate cardiac shunt and evaluate cause of pulmonary hypertension. Patients already on anticoagulants may not benefit from this test as much as those not actively being treated. Educating the doctors will help minimize the number of unnecessary lung scans being performed.

According to SNMMI guidelines, SNM Practice Guideline for Lung Scintigraphy 4.0 (http://snmmi.files.cms-plus.com/docs/Lung_Scintigraphy_V4_Final.pdf), DTPA can be replaced with 99mTc-sulfur colloid (SC) as an aerosol for lung scans. 99mTc SC cost significantly less with the sole drawback of slower clearance from the lungs. Xenon-133 is also a viable option to replace DTPA for departments.

Continued on page 3, see MAA and DTPA Costs.

Minimizing the Impact of MAA and DTPA Costs with Savvy Thinking

By Eleanor Mantel, CNMT, NCT, RT(N), FSNMMI-TS and Jessica Williams, CNMT, RT(N)

Have you looked at your invoices lately? You probably have sticker shock like the rest of us.

In March 2014, Jubilant DraxImage (JDI) raised the prices of MAA 1,718% per vial and DTPA 527% per vial, citing the necessity to ensure the sustainability of the business and the products. This came as a surprise to the entire nuclear medicine community. SNMMI leadership immediately responded with strong opposition. In April 2014, then SNMMI president, Gary Dillehay, MD, FACNM, FACR, sent a letter to membership outlining SNMMI’s position on this issue. He discussed SNMMI’s current strategic plan and explained that this issue is a top priority, resulting in the creation of two task forces that are working to improve the situation. In addition to those task forces, the biggest impact technologists can have is educating referring physicians on appropriate use.

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Continued on page 3, see MAA and DTPA Costs.
would like to develop collaborative relationships with peer organizations to create initiatives that will increase public awareness of the many benefits of nuclear medicine and molecular imaging procedures. One effort currently underway is the creation of a task force with representatives from several of our international partners. The focus of this group will be to create a series of protocol and dose standardizations based on the current published guidelines and recommendations, with the goal of improving quality and safety globally.

In addition, the World Federation of Nuclear Medicine and Biology (WFNMB) meeting will be held August 27–31, 2014, in Cancún, Mexico. The WFNMB meeting—held every four years—brings together colleagues from around the globe to support education efforts for nuclear physicians, physicists, technologists and scientists, especially from the developing world. The SNMMI-TS was asked to participate in the upcoming meeting and took the lead in bringing together international technologist organizations to develop a comprehensive, exciting program. As the meeting will be held in neighboring México, we felt that this was a great opportunity to try to engage some of our student leaders in the international community. Therefore, during the fall Executive Board meeting, we will present the concept for a new travel award for 10 students to travel to the WFNMB meeting. This is a wonderful experience for several students, and we hope that, if passed, this travel grant award can provide an exceptional learning opportunity.

This past year has been remarkable. I have learned a lot from Scott and have had the opportunity to really get involved in several of the priority areas that were identified. The mentoring process as president-elect was very important, and I would like to thank Scott for ensuring I was always involved in the discussions and aware of the decisions that were being made. This process will help me as I transition into my presidency. I am excited about the year ahead and am looking forward to implementing year two of the SNMMI-TS strategic plan and working with the SNMMI-TS Executive Board, National Council of Representatives, committee chairs, SNMMI leadership and staff to advance nuclear medicine and molecular imaging.

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**Alternative Career Paths in Nuclear Medicine Technology: Lynne M. Sabo, ARRT, (N), (R), PTCB**

By Joyce Zimmerman, CNMT

Lynne is the first member of the SNMMI-TS to share her alternative career path with us in this new series. Lynne has been very active in the local grassroots society, Delaware Valley Society of Nuclear Medicine, establishing, along with a few colleagues, the first meetings to network and provide education to the Philadelphia and New Jersey area technologists back in the 1970s. She served several leadership positions and built it into a strong grassroots group.

Lynne began her education at Gwynedd Mercy Hospital School of Nuclear Medicine, Philadelphia, PA. Joan McKeon was the headmistress and many in the Delaware Valley were taught formally or informally by seminars by Joan, who was a well-loved educator.

Lynne worked at Rolling Hill Hospital for 16 years before raising to take her three sons, while pulling call and per diem work. It was a long drive from NJ, and when Elizabeth Joyce contacted her 26 years ago about an opportunity to join the radiopharmacy at GE Healthcare in Trevose, PA, she jumped at it and never looked back.

She recognizes there are few jobs available in the radiopharmacies for technologists; most are held by pharmacists, pharmacy technicians or the couriers, which of course depends on the managing company for the radiopharmacy. In several radiopharmacies, technologists function as the radiation safety officer, sales, educator, or manager. Again, it depends on the structure of the company.

Daily, Lynne deals with customer calls to place orders, discuss billing questions, answer protocol and/or product questions, and customer service inquiries. In addition, Lynne is certified as a pharmacy technician and labels white blood cells, handles radiopharmaceuticals, and prepares doses as needed. These functions allow her to use her training daily in a way she never dreamed she would. During the recent Kinevac shortage, she stepped back to her clinical days and made substitution suggestions based on experience.

Lynne continues her involvement with the SNMMI-TS, most recently serving as the President of the Greater New York Chapter Society of Nuclear Medicine and Molecular Imaging Technology Section. She currently serves as the chairman of the Spring Symposium registration team. Attending symposia and reading the journals help her keep current with her imaging skills and scientific knowledge of the field.

She enjoys her job, calling it “controlled chaos” and a “cool environment.” She has enjoyed all 26 years of talking to the customers, catching up with them at meetings, helping them solve problems, directing the students when they come to the pharmacy for a rotation, and of course, no nights or weekends!
that have the necessary equipment and facilities (i.e., negative pressure room). Unfortunately, there is no current alternative for micro-aggregated albumin (MAA).

Other cost saving measures may include reviewing current ordering methods by limiting or minimizing standing orders to just the number of doses most likely to be utilized. Implementing these changes could essentially result in dramatic cost savings. Some departments may have the ability to have doses delivered timely, therefore, eliminating the need for any standing orders. This too would result in substantial cost savings due to unnecessary waste.

A team approach with your nuclear pharmacy may prove beneficial as they too have been impacted by these increases. Together you may be able to explore other options that would be favorable for all involved. Remember, they are just the middle man and are looking to identify ways to minimize the impact on their practices and customers as well.

Lastly, CT imaging is a feasible option for diagnosing pulmonary embolism in a select patient population. While this is widely available, the effective radiation dose to patients is approximately five times greater than V/Q scans. The effective radiation dose to the female breast is 20-40 times greater with CT. This should be taken into consideration given both the public's and society's focus on minimizing patient radiation dose exposure.

Be sure to visit www.SNMMI.org for future updates on this issue. We will weather this storm as we have multiple other trials. As a community we will continue to search for viable options to this challenge.

Annual Meeting Report

By David Perry, CNMT, PET, FSNMMITS

This year, SNMMI members were asked to “Meet Me In St. Louis”, and we certainly did! The 61st Annual Meeting of the SNMMI officially began with a grand celebration on Saturday, June 7th in downtown St. Louis, home of the Arch and known as the “Gateway to the West”. While the procession was grand and then was followed by an opening reception in the Exhibit Hall of the St. Louis Convention Center, several dozen bright and dedicated technologists had made their way to “Mound City” a number of days before. SNMMI-TS governance meetings started bright and early Thursday morning with technologist committees and the meeting of the National Council of Representatives (NCOR).

The NCOR meeting was opened at 8:00 a.m. by Leo Nalivaika, CNMT,RT(N),FSNMMITS, NCOR Speaker. Once the housekeeping business was taken care of, the group heard reports from the Chapters and the Specialty Area Representatives. Unfortunately, the job market, declining reimbursement and shortages in isotopes, MAA and DTPA were very common topics. Among the items discussed at the NCOR meeting was the approval and roll-out of the new SNMMI-TS Joint Compounding Curriculum, new entry-level competencies as a model for an entry-level curriculum for nuclear medicine technologists and two motions to promote graduate level nuclear medicine education. Also discussed was the continued shift from high to low enriched uranium and ongoing issues with reactors worldwide.

SNMMI-TS also unveiled the theme of this year’s Nuclear Medicine Week at the NCOR meeting. This year, Nuclear Medicine Week will be October 5-11, 2014 and “Injecting the Future with Possibilities” will be the theme. Look for more information, promotional materials and a “Nuclear Medicine Week Toolkit” to be available on the SNMMI website soon.

Once the governance was concluded, it was time for the Annual Meeting itself to begin. SNMMI estimates that 5,000 attendees from all over the met in St. Louis this year. Educational sessions covered the full gamut of topics from coding to management to brain and cardiac imaging to radiation safety, and so much more.

In addition to a very informative conference, St. Louis offered a number of historic and recreational activities such as the cobblestone streets of Laclede’s Landing, the Gateway Arch, the Jefferson National Expansion Memorial, Union Station, Ballpark Village and so much more. The 2014 SNMMI Annual Meeting was well worth the trip!

SNMMI-TS Election Results: Welcome New Leaders

Congratulations to this year’s slate of winning candidates. The election process closed on May 12th, 2014. A total of 573 votes were tabulated from the 8,849 distributed ballots, yielding a return rate of 6.48%, which is slight increase over the last election’s response rate.

President-Elect: Aaron Scott
Secretary: Elizabeth Hackett
Finance Committee (3-year):
Kristen Waterstram-Rich

Delegate-at-Large:
Cybil Nielsen
Cindi Luckett-Gilbert
Nancy McDonald
Tina Buehner

All of these winners have been very active within SNMMI-TS and bring a wealth of experience to the organization. The first call for nominations for the 2015-2016 national elections will be distributed and posted on the SNMMI website by late August 2014.
ELIZABETH HACKETT, RT(N)(CT), PET

Elizabeth “Liz” Hackett grew up in a small town outside of Grand Rapids, MI. As a little girl, she had aspirations to do something in medicine, possibly becoming a veterinarian since she loved animals. The older she got, the more she realized that she wanted to work with people in a hospital setting, such as an ER doctor or something similar. When Liz got to high school, she still had not decided her exact direction until she attended a health fair, where she met Sheila MacEachron, MS, CNMT, who was the head of the nuclear medicine department at Blodgett Hospital. Liz was able to visit Sheila’s work site and observe nuclear medicine for a week. Liz who had previously never heard of nuclear medicine fell in love and was hooked.

In 1997, Liz obtained her AAS in nuclear medicine technology from Ferris State University, then her BBS in business from Baker College in 2004. In 2009, she became certified in computed tomography. She is now certified as an RT(N)(CT)ARRT, NMTCB(PET), and in 2013 received her FSNMMI-TS. She is incredibly proud of the fact that she put herself through college and that she has been able to achieve her career goals. The next goal on her career path is to become certified as a Clinical Research Associate.

Liz first became involved on the national level because her director at Columbia University/New York State Psychiatric Institute suggested she submit an abstract, “Occupancy of Dopamine D2 Receptors by the Atypical Antipsychotics Risperidone and Olanzapine: An I123 IBZM Study,” which was chosen for oral presentation and for which she won first place by the Brain Imaging council and third place for the best scientific paper. She was then approached by Ellie Mantel, CNMT of the Greater NY Chapter of the Society of Nuclear Medicine (GNYCSNMMI-TS) to become involved on the chapter level. Since that time, Liz has been working at Columbia University/NYSPI as the Clinical Research Manager for the Division of Translational Imaging for the last 14 years and finds her job to be quite rewarding. Liz loves being at the forefront of nuclear medicine and working in research that may one day become the clinical norm. She also loves working with her subjects and enjoys getting to know them personally.

Liz splits her time between New York and Florida where she lives with her boyfriend. She commutes to NY multiple times a month to continue working with her subjects and keeping the research department running smoothly.

When she is not flying up and down the East Coast, she loves to run marathons, play pinball, and spoil her two rescue cats. Liz also really enjoys snow skiing and a good bottle of wine with good friends.

When asked their opinion of her, a colleague stated, “Liz is one of the smartest people I know. I am very lucky to work with her on multiple projects. She has taught me a lot.” With her previous numerous accomplishments, one can only begin to imagine what she will achieve in the next 10 years.

2015 LEADERSHIP ACADEMY: CALL FOR APPLICATIONS

The application process for the 2015 Leadership Academy is underway. The Academy will be held January 21-23, 2015, in San Antonio, TX (in conjunction with the SNMMI Mid-Winter Meeting). Applications will be available online at www.snmmi.org/leadershipacademy. The application deadline for the 2015 academy is September 15, 2014. Applicants will be notified of their acceptance into the academy no later than October 31, 2014.

All aspiring SNMMI-TS members will be given the opportunity to apply to the Academy. In addition to the information on the application, all applicants will be assessed on the following criteria:

1. Applicant has demonstrated a notable passion for the profession and would like to seek the leadership skills necessary to perform successfully in a Chapter or National SNMMI-TS Leadership position.
2. Has the desire and skill set to become a leader in Nuclear Medicine and other related fields.
3. Will serve the Chapter/SNMMI-TS as a positive and influential leader and representative of the SNMMI-TS Leadership Academy.

Please Note: A member may only attend the Leadership Academy once as an official SNMMI-TS attendee.

If you have any questions regarding the application process or the academy, please contact Nikki Wenzel-Lamb, MBA, Technologist Section Administrator at 703-652-6766 or by e-mail at nwenzel@snmmi.org.
One Hurdle Overcome: More Hurdles Remain: Radiopharmaceutical Preparation

By Lynne Roy, CNMT

I just returned from the SNMMI Annual Meeting. One of my favorite meetings was the (National Council of Representatives. During this meeting, all of the SNMMI-TS chapters had an opportunity to share the concerns of their grass roots technologists. This lays the groundwork for the SNMMI-TS’ goals and objectives for the year. Without exception, all chapters focused on some aspect of the nuclear medicine technologist's scope of practice that is being challenged.

The Advocacy Committee works very hard to assure that nuclear medicine technologists can continue to provide excellent care to patients that require nuclear or molecular imaging studies to diagnose and treat their disease. We provide education to legislators, regulators, and even employers concerning the practice of nuclear medicine technology.

On a positive note, Centers for Medicare and Medicaid Services (CMS) recently finalized its revision of Medicare’s nuclear medicine services Conditions of Participation section §482.53(b)(1) to remove the modifier “direct” from the in-house preparation of radiopharmaceutical supervision requirement. The physical presence of a pharmacist, MD, or DO will no longer be required during the delivery of nuclear medicine tests. As stated in the CMS final rule published in May, 2014, “These changes are based on the Society of Nuclear Medicine and Molecular Imaging recommendations on this issue.” This revision will be effective in July, 2014. Many hospitals who had discontinued offering these after-hours services can now resume emergency care of patients.

While this certainly is a positive step forward, there are still other challenges technologists face. First and foremost, we will continue to experience significant price increases for key radiopharmaceuticals used in many emergency procedures. The price a vendor charges for goods or services is not within the control of any professional society. However, SNMMI continues its communication with the vendors. We hope to demonstrate that price increases of large magnitudes can lead to a significant decrease in demand for their products. Clearly, this is not in the best interest of either the vendor or the patient.

Second, there remains confusion over the ability of technologists to prepare tagged red cells as an immediate use medication as outlined in U.S. Pharmacopeia (USP) <797>. USP <797> considers any kind of intrusion to a sterile product to be compounding (i.e., adding saline to a vial) and has numerous requirements for such preparations. This has implications for tagging red blood cells for use in GI imaging. Recent information from USP indicated this limitation will be removed in their next update however no timeline has been set.

On a related note, Congress passed H.R. 3204, The Drug Quality and Security Act, which President Obama signed this into law late last year. This law will assure that all compounded drugs are made safely and introduces many new requirements that will be enforced by the FDA. Although the language in this law excludes “mixing and reconstitution,” SNMMI has had, and will continue to have, numerous conversations with the FDA to assure that there will be no unintended consequences to the technologist’s ability to prepare and administer radiopharmaceuticals to patients under the supervision of the authorized user.

CALL FOR NMTCB DIRECTORS!

The Nuclear Medicine Technology Certification Board is seeking applicants to serve on the Board of Directors. This is an excellent opportunity to become involved in one of the more challenging and important areas of your profession-establishing standards of professional competency. The four-year term for the newly elected Director begins on January 1, 2015. Applications are available at http://www.nmtcb.org/resources/directorApp.php. Completed applications received by August 15, 2014 will be reviewed at the fall NMTCB Board meeting. Please direct any questions to Katie Neal, BS, MS, Interim Executive Director, at (404) 315-1739 or board@nmtcb.org.
Happy Summer Everyone!

Before we get started, I want to thank my friend and colleague Liz Hackett, RT, (N) ARRT, FSNMMI-TS for all her hard work as the outgoing SNMMI-TS CE chair. Liz has accomplished great things this year and all her hard work will make my job easier!

I hope that many of you were able to attend the SNMMI Annual Meeting in St. Louis, MO. There were abundant opportunities to attend excellent presentations and poster sessions. There truly was something for everyone—from innovative research to good old fashion “bread and butter” nuclear medicine continuing education (CE) sessions.

If you were unable to attend the SNMMI 2014 Annual Meeting or would like to get more CE opportunities, you can access recordings of over 70 of the most popular sessions from the SNMMI 2014 Annual Meeting online or on your mobile device through SNMMI’s Virtual Meeting.

The SNM Virtual Meeting includes:
- The option to view on your iPad, iPhone or Android 2.2 or higher.
- VOICE credits available for sessions you did not attend at the meeting.

You can purchase the SNMMI Virtual Meeting at www.snmmi.org/virtualmeeting. It’s the perfect complement to your SNM 2014 Annual Meeting experience!

Coming soon: Two Virtual Workshops!

- The PET Review Virtual Workshop is designed to assist nuclear medicine professionals develop the required knowledge in PET and PET/CT to prepare for the NMTCB’s PET exam. The program includes comprehensive lectures covering all the topics listed in the NMTCB’s PET content outline.
- The NCT Review Virtual Workshop is designed for nuclear medicine technologists with experience in cardiac imaging that are considering sitting for the Nuclear Cardiology Technologist (NCT) certification exam. Attendees will be presented with comprehensive sessions covering all the topics listed in the NMTCB’s published Nuclear Cardiology Examination Content Specifications.

Visit SNMMI’s Education homepage (www.snmmi.org/education) for updates as to when the PET and NCT Virtual Workshops are available.

The new LMS is here!

SNMMI has launched the new Learning Management System, called “The Learning Center” (www.SNMMILearningCenter.org). This site currently hosts VOICE-accredited educational products, including JNMT and JNM journal articles, on-line modules, and recorded webinars. It will soon host the Virtual Workshops and Study Guides, and be the site for VOICE Joint Providers to submit their applications for accreditation. We recommend you review the FAQ page to help you get started: www.snmmi.org/learningcenter-FAQs. As always, if you have any questions please contact the Education Department at Education@SNMMI.org or 703-708-9000, extension 3.

It looks like we have a lot of educational opportunities to keep us busy through the summer! I hope you enjoy them, and I look forward to working with you to ensure SNMMI’s educational programs remain relevant for nuclear medicine technologists.

SNMMI TS 2014-2015 Scholarship and Award Opportunities

The SNMMI-TS has a long tradition of supporting the educational opportunities of future nuclear medicine technologists. Listed below are SNMMI-TS grants programs that are currently accepting applications.

Paul Cole Technologist Scholarship ($500-1,000)
This scholarship supports eighteen students in a nuclear medicine technology program, and honors the memory of Paul Cole, CNMT, FSNMMI-TS, Past President of the SNMMI-TS and a champion of education for technologists. A limited number of $1,000 scholarships are funded by the Education Research Foundation for Nuclear Medicine and Molecular Imaging.

Applications open September 1 - December 31, 2014

PDEF Mickey Williams Minority Technologist Scholarship ($2,500)
This scholarship supports two minority students pursuing a two- or four-year degree in nuclear medicine, and honors the memory of Mickey Williams, a past SNMMI-TS president who immigrated to the U.S. from Jamaica. This award is funded by SNMMI’s Professional Development and Education Fund (PDEF).

Applications open September 1 - December 31, 2014

PDEF Professional Development Scholarship ($5,000)
This scholarship serves to support a student who is employed as a technologist and is actively pursuing an advanced degree (Master’s or above) related to his/her nuclear medicine career. Applicants must have worked in the nuclear medicine profession for at least five years in a clinical or didactic setting. This scholarship is funded by the Education for Research Foundation for Nuclear Medicine and Molecular Imaging.

Applications open October 1, 2014 – January 31, 2015

Bachelors Degree Completion Scholarships ($4,000)
This scholarship supports up to two current nuclear medicine technologists who are pursuing a Bachelor’s degree completion program related to their nuclear medicine careers. These scholarships are funded by the Education for Research Foundation for Nuclear Medicine and Molecular Imaging.

Applications open October 1, 2014 – January 31, 2015

Advanced Practitioner Program Scholarship
This scholarship serves to support a student who is pursuing an advanced practitioner program to advance their career in nuclear medicine; this degree is the Advanced Associate Degree Program offered by the University of Arkansas for Medical Sciences system.

Applications open October 1, 2014 – January 31, 2015

For more information about these programs, visit http://www.snmmi.org/grants or contact Kristi Padley in the SNMMI Development Office via email, KPadley@snmmi.org, or phone, 703.652.6780 with any questions.
SNMMI-TS Abstract Award Winners 2014

The following individuals were recognized for outstanding research during the SNMMI’s 61st Annual Meeting in St. Louis, MO:

**Tech Oral Presentation Awards**

**First place**
Michael Everding; Impact of Continuous Bed Motion (CBM) PET/CT Scanners on Clinical Operation.

**Second place**
Lance Burrell; A Comparison of Three PET Phantoms for Evaluating Spatial Resolution.

**Third place**
Patrick Wojtylak; Initial Experiences in PET/MRI for Imaging Dementia.

**Tech Oral Cardiovascular Presentation Awards**

**First place**
Geoffrey Currie; Ambient Temperature and Cardiac Accumulation of FDG.

**Second place**
Gregory Passmore; Measurement of the Interactions of Low Energy Gamma Rays with Dense Metals for Applications in Nuclear Cardiology Collimators.

**Third place**
Russell Folks; Validation of Oblique Image Real-Time Reorientation from Short Axis (SA) Slices During Myocardial Perfusion SPECT Interpretation.

**Tech Oral Nuclear Oncology Presentation Award**

**First place**
Sam Belakhlef; Occurrence Frequency of Unsuspected Pneumothoraces in Cancer Patients Undergoing PET/CT and 18F-FDG Imaging.

**Tech Oral PET Presentation Award**

**First place**
Michael Everding; Impact of Continuous Bed Motion (CBM) PET/CT Scanners on Clinical Operation

**Student Oral Technologist Presentation Awards**

**First place**
Ann Havrilla; Value of Tc-99m-Bicisate (ECD) Balloon Test Occlusion in Preoperative Assessment of Stroke Risk Prior to Internal Carotid Artery Sacrifice.

**Second place**
Timothy Naegle; Optimizing Clinical DaTscan Imaging.

**Third place**
Clarissa Venzke; Utilization of the Pixon Method with Whole Body Bone Imaging.

**Student Nuclear Oncology Presentation Award**

**First place**
Allison Woodwick; Do Intradermal Lymphoscintigraphy Injection with Tc99m-Tilmanocept Produce Less Perceived Pain than Filtered Tc99m-Sulfur Colloid Injections?

**Student Poster Technologist Presentation**

**First place**
Jason Wahidi; Y-90 Sir-Sphere Treatment of Liver Cancer and Alternative Imaging Methods.

**Tech Poster Presentation Awards**

**First place**
Hamzah Ahmed; Pilot Study: Adsorption of Radiopharmaceuticals onto Unit Dose Syringes.

**Second place**
Michael Czachowski; Analysis of Optimal Delayed Scanning Times with Florbetapir F-18 (Amyvid) in Patients with Cognitive Impairment.

**Third place**
Yoya Tomita; Effects of Misalignment Between CT Attenuation and Emission PET Images in 13N-Ammonia Myocardial PET/CT.

Join SNMMI-TS at one of the 2014 Chapter Roadshows!

Earn 4 VOICE Credits by attending an informative, half-day workshop on broadening the professional horizons of nuclear medicine technologists.

**RoadShow**
Broadening the Professional Horizons of Nuclear Medicine Technologists

Little Rock, AR  Boise, ID  Hagerstown, MD  Burlington, VT
August 2, 2014  August 23, 2014  September 6, 2014  September 13, 2014

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