**Radiopharmaceutical Sciences Council Goals**

**Goal 1: (60% Completed)**

**Membership:**
The Radiopharmaceutical Sciences Council intends to increase its membership by at least 5% in FY2015 and make membership in the council more appealing to a wider sector of the SNMMI. The RPSC plans to identify member needs and work on outreach efforts to scientists and to the SNMMI Technologist Section, the SNMMI Young Professionals Committee, as well as other professional groups in the field of Radiopharmaceutical Sciences. A Radiopharmacy/Radiopharmaceutical Scientist Qualified Person Training Program (QPTP) was recently approved by the SNMMI BOD. We are hopeful that as this program is developed and initiated in the coming year that this will stimulate increases in new membership.

**SNMMI Strategic Plan Goals that relates to this goal:**

- Goal E: Support and enhance the professional workforce and environment.

**Current Progress:**
Discussed during recent RPSC BOD telephone conference calls and at the annual retreat held April 11, 2015 in Chicago. We believe a Radiopharmacy/Radiopharmaceutical Scientist Qualified Person Training Program (QPTP) will increase membership. Sally Schwarz, SNMMI Board liaison to the RPSC, attended the retreat. As an outcome of the retreat, Sally prepared and successfully presented a resolution to the SNMMI BOD during their April 25, 2015 meeting. The SNMMI BOD approved the resolution and now support the development of the proposed QPTP. (Updated: 05/26/2015)

**Next Steps:**
Continue discussions on building membership during future RPSC BOD telephone conference calls. Discuss during the SNMMI annual meeting with those members attending the meeting in Baltimore. Hold telephone conference calls during relevant meetings, such as the International Symposium on radiopharmaceutical Sciences (ISRS), so non-attending members can participate in QPTP program meetings along with international attendees. (Updated: 05/26/2015)

**Goal 2: (90% Completed)**

**Enhance Communication:**
The RPSC plans to hold a Board retreat and will work on increasing communication among members via the RPSC LinkedIn page and possibly shorter, more frequent newsletter updates. The RPSC is also trying to enhance our members-only website as a benefit of membership. Additional efforts to increase communication include:

- Hold regular RPSC BOD business meetings
- Organize Interim Board Meetings
- Quarterly meetings of the RPSC BOD by teleconference

**SNMMI Strategic Plan Goals that relates to this goal:**

- Goal E: Support and enhance the professional workforce and environment.

**Current Progress:**
Enhancing communications was a topic of discussion during recent RPSC BOD telephone conference calls and at the RPSC Board retreat held April 11, 2015 in Chicago. A Spring 2015 newsletter was recently distributed to the membership. We are planning to ramp up enhanced communications further to promote and generate interest in our Radiopharmacy/Radiopharmaceutical Scientist Qualified Person Training Program (QPTP) which will be an international collaborative education project. (Updated: 05/26/2015)

**Next Steps:**
Discuss during future RPSC BOD telephone conference calls. Discuss during the SNMMI Annual meeting with those members attending this meeting. Enhance communications for non-attending members via conference calls. (Updated: 05/26/2015)
Goal 3: (100% Completed)

Educational Programs:
The RPSC will continue to sponsor educational sessions at the SNMMI Mid-Winter and Annual Meetings. These programs will serve as an opportunity to promote the Society and the Council as the leader in providing educational programs in radiopharmacy and radiopharmaceutical sciences and other imaging modalities and increase awareness of the development and uses of radionuclides among the medical community. These programs will also keep Society members abreast of new developments within the field.

2015 Mid-Winter Meeting:
The RPSC sponsored a session entitled, "New Radiopharmaceutical Reimbursement – The Next Frontier" at the 2015 SNMMI Mid-Winter meeting in San Antonio, TX.

2015 Annual Meeting:
The RSPC submitted proposals for a categorical session as well as several continuing education sessions for the 2015 SNMMI Annual Meeting in Baltimore, MD.

Categorical Session – Back to the Basics: A Rational Approach to Probe Design
The RPSC is also sponsoring the following continuing education sessions:
- Cutting Edge 18F Labeling Strategies
- Nanomedicine
- Dually Labeled Nuclear and Optical Probes
- Michael J. Welch, PhD, Award and Lecture
- Current Topics in FDA Reviews and Inspections of PET Drug Manufacturers
- Moving a Radiopharmaceutical Through the IND Process: From Idea to Approval
- PET /SPECT Imaging of Cardiovascular Diseases: State of the Art
- RPSC Young Investigators Award Symposium - Will again be held at this annual meeting.

Radiopharmaceutical Sciences/Molecular Imaging/CMIIT Basic Science Summary - This highly popular Summary Session is co-sponsored by RPSC and the Center for Molecular Imaging Innovation and Translation.
- RPSC/CMIIT 9th Annual Poster Mixer - Is back by popular demand.

Qualified Person Training Program (QPTP):
An international education collaborative program is being planning for radiopharmacists and radiochemists in the production and quality control of PET drugs according to FDA/USP regulatory requirements. This type of program exists in the EU, and is organized through the EANM. There are several sites where coursework will be completed by an attendee. Coursework will be made available through this program, and/or from other university sites which offer web based training modules. This will involve basic training in radiopharmaceuticals and regulatory requirements. Hands on training will be accomplished at selected sites. The goal is to establish a two-year program. Sally Schwarz, SNMMI Board liaison to the RPSC BOD, presented the resolution for this program at the spring SNMMI Board of Director's meeting on April 25, 2015. The resolution was approved. The further development of the QPTP will be a major focus of the RPSC education program effort in the coming year.

On-going Collaborative Efforts:
The RPSC will continue to collaborate with CMIIT and the EANM Radiopharmacy Council. Possible areas of collaboration have been discussed including, drafting guidelines and best practices (suggested topics include: sterility and microbiology, GMP regulation and validation, extension to the EU for DART and development of a radiopharmaceutical database shared between both councils). The RPSC has created a sub-committee to work on these issues and conference with EANM to decide next steps.

SNMMI Strategic Plan Goals that relates to this goal:
- Goal D: Advance and promote quality, value and safety of Molecular Imaging and Nuclear Medicine.
- Goal E: Support and enhance the professional workforce and environment.

Current Progress: The plans for educational programs for the 2016 Mid-Winter and Annual Meetings are underway. These plans will be discussed during future RPSC BOD telephone conference calls. During the RPSC BOD retreat in Chicago, a brainstorming session identified the following educational session topics: 1. Theranostics (RPSC co-sponsoring with CTN) 2. Quality initiatives on scans and procedures (Duanne Thistlewaite to organize) 3. New Tracers with ? (Weibo Cai to organize) 4. New small molecules 5. Michael J.
Goal 4: (80% Completed)

Improve Scientific Interaction and Outreach Efforts with Young Professionals:
Mixer/Poster Session:
The RPSC, in collaboration with the YPC and CMIIT, plans to continue to offer the Poster Mixer, at the SNMMI Annual Meeting, in order to further encourage scientific interaction with colleagues. This event stimulates an increase in scientific exchange in a social setting.
Outreach to Technologist Section:
As part of its effort to reach out to the entire radiopharmaceutical sciences field, the RPSC feels that it is important to represent and support the needs of technologists working within the field. As such, the RPSC will continue to contribute Continuing Education sessions at future SNMMI meetings. The RPSC will also continue to increase its communications with technologists through, e-mail, and meetings.
Outreach to Other Groups and Individuals:
The RPSC will continue on-going collaborative efforts with CMIIT and the EANM Radiopharmacy Council. The RPSC will continue to include Council members volunteering to present educational seminars at other society meetings, such as APhA and ACS. Leadership will help to identify individuals who are recognized as important leaders in the field who are not currently members of the RPSC and encourage them to join. This interaction will help to identify activities that the RPSC can develop to enhance and increase membership, particularly among radiopharmacists.

SNMMI Strategic Plan Goals that relates to this goal:
- Goal A: Advance the development and approval of nuclear medicine and molecular imaging technologies.
- Goal B: Facilitate and support the availability and clinical utilization of nuclear medicine and molecular imaging technologies.
- Goal C: Increase appropriate utilization of Radionuclide Therapy.
- Goal D: Advance and promote quality, value and safety of Molecular Imaging and Nuclear Medicine.
- Goal E: Support and enhance the professional workforce and environment.

Current Progress: Discussed during recent RPSC BOD telephone conference calls. RPSC members are actively preparing and sending requests to vendors to support the Mixer / Poster Session. (Updated: 12/16/2014)

Next Steps: Discuss during future RPSC BOD telephone conference calls. Discuss during next SNMMI Annual and Mid-Winter meetings with those members attending these meetings. (Updated: 05/26/2015)

Goal 5: (75% Completed)

Promoting Quality, Value and Safety for Radiopharmaceuticals:
A subcommittee of the RPSC continues to work on a Qualified Person Training Program (QPTP) that would:
- Cross train chemists and pharmacists in the alternate skills that are needed, and supplement training for both
- Define the skills needed for radiopharmaceutical scientist to improve the quality chain in nuclear medicine
Qualified Person Training Program (QPTP):
An international education collaborative program is being planning for radiopharmacists and radiochemists in the production and quality control of PET drugs according to FDA/USP regulatory requirements. This type of program exists in the EU, and is organized through the EANM. There are several sites where coursework will be completed by an attendee. Coursework will be made available through this program, and/or from other university sites which offer web based training modules. This will involve basic training in radiopharmaceuticals and regulatory requirements. Hands on training will be accomplished at selected sites. The goal is to establish a two-year program. Sally Schwarz, SNMMI Board liaison to the RPSC BOD, presented the resolution for this program at the spring SNMMI Board of Director’s meeting on April 25, 2015. The
resolution was approved. The further development of the QPTP will be a major focus of the RPSC education program effort in the coming year.

**SNMMI Strategic Plan Goals that relates to this goal:**
- Goal A: Advance the development and approval of nuclear medicine and molecular imaging technologies.
- Goal B: Facilitate and support the availability and clinical utilization of nuclear medicine and molecular imaging technologies.
- Goal C: Increase appropriate utilization of Radionuclide Therapy.
- Goal D: Advance and promote quality, value and safety of Molecular Imaging and Nuclear Medicine.
- Goal E: Support and enhance the professional workforce and environment.

**Current Progress:** This goal was discussed during several recent RPSC BOD telephone conference calls and during the RPSC retreat April 10, 2015 in Chicago. A May 27, 2015 QPTP meeting lead by Sally Schwarz will be held at the International Symposium on Radiopharmaceutical Sciences (ISRS). Those not attending ISRS will attend the meeting via conference call. This project will continue with the support of the SNMMI BOD. (Updated: 05/26/2015)

**Next Steps:** Discuss during future BOD telephone conference calls and meetings. Discuss during the 2015 SNMMI Annual meeting and 2016 Mid-Winter meeting with those members in attendance a the meeting. Involve non-attending members via conference calls and work sessions. (Updated: 05/26/2015)

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**Goal 6: (65% Completed)**

**RPSC Intern Program:**
The RPSC has mentored the 2013-2015 RPSC Intern, Ashley Mishoe PharmD. Ashley has be and will continue to work with the Radiopharmacy Subcommittee to develop the Qualified Person Training Program (QPTP). The new RPSC intern is Aileen Hoehne, PhD. Aileen will begin her internship at the conclusion of the SNMMI 2015 Annual Meeting and her term will run through the conclusion of the 2017 SNMMI Annual Meeting. David Dick, PhD, is Aileen’s mentor. Aileen expressed an interest in working on the continued collaborative efforts between the RPSC and the EANM as well as working on a project that would contribute towards improving the availability of targeted radiotherapy for patients in the US.

The RPSC Board members discussed possible intern projects and thought Aileen should be involved with organizing the 2016 Annual Meeting RPSC categorical session or a stand-alone symposium on Targeted Radionuclides (Translation to Therapy). It was suggested to start with a categorical session at the 2016 Annual Meeting and then plan for a symposium in 2017. Suzy Lapi, PhD, volunteered to help Aileen with the categorical and will engage David Dick as well. Aileen will also be involved in the Qualified Person Training Program (QPTP) by developing a meeting session and selecting speakers.

**SNMMI Strategic Plan Goals that relates to this goal:**
- Goal E: Support and enhance the professional workforce and environment.

**Current Progress:** Discussed during recent RPSC BOD telephone conference calls and at April 11, 2015 RPSC Board Retreat. Unfortunately, our 2013-2015 RPSC Intern resigned for personal reasons. Fortunately, an interim intern, Ashley Mishoe, PharmD was available and selected to finish on this term. Our new 2015-2017 RPSC intern, Aileen Hoehne, PhD, is eager to begin her term. The RPSC BOD has identified a mentor and an outlined a plan for her tenure as intern. (Updated: 05/26/2015)

**Next Steps:** Continue to discuss during future RPSC BOD telephone conference calls and during the SNMMI 2015 Annual and 2016 Mid-Winter meetings with those members in attendance. (Updated: 05/26/2015)