

**Society of Nuclear Medicine
Radiopharmaceutical Sciences Council**

2009 – 2010 Business Plan

Part 1 – Executive Summary

The Radiopharmaceutical Sciences Council continues to move forward under the revised governance structure, and revision of the Operating Procedures (OPs) continues as they are brought into alignment with the day-to-day function of the Council. As was the case in the previous year, the OPs were reviewed and revised by the RPSC Board of Directors (BOD) at the 2008 Interim Meeting. According to the RPSC OPs, the Council must prepare an annual business plan and budget for approval by the SNM Board of Directors. This document is the RPSC 2009-2010 Business Plan and Budget for FY2010.

The Business Plan contains the following elements: a) the current status of the Council, b) the accomplishments for the current year, c) the short-term (1-2 year) goals of the Council, d) the long-term (3-5 year) goals of the Council, and e) the current financial status and FY2010 budget.

During the past year the RPSC leadership and members actively participated in the organization and presentation of educational seminars at the 2009 Mid-Winter Meeting in Clearwater Florida, and the 2009 Annual Meeting in Toronto Canada. The RPSC presented three Continuing Education Seminars, and the fifth annual Radiopharmaceutical Track Basic Science Summary Session, presented by Michael Welch, Ph.D. For the eighth year in a row the RPSC presented Young Investigator Awards to three promising young scientists, an effort to encourage participation in the Annual Meeting by our talented trainees and new investigators. The Council also co-sponsored, for the second year a Poster Session Mixer, with financial support from the SNM Molecular Imaging Center, MDS Nordion, Comcer, Molecular Insight, ABX Advanced Biochemical, Bayer Schering Pharma, BioScan Inc., Isotracer, Eckert & Ziegler Eurotope GmbH, to encourage poster attendance and stimulate Council membership. The Mixer was much more successful than the first one with more attendees, and more food and drink, all thanks to our generous sponsors.

The RPSC BOD convened in the fall for a one-day interim business meeting in Chicago, IL. The OPs were reviewed, and approved without changes. As per a prior decision by the Board, the OPs will continue to be reviewed annually. Also at this meeting, the RPSC Board discussed in detail and finalized the 2008-2009 Business Plan. During this session a concise set of short-term and long-term goals were generated to stimulate Council activities that would benefit both RPSC and SNM membership.

The RPSC goals for FY2010 include continued participation in the educational symposia at the Society Mid-Winter Meeting (we have two 3 hours sessions at the 2010, Albuquerque MWM), and one or two Continuing Education Seminars and a Categorical Seminar at the 2010 Annual Meeting. The focus of the Council continues to be on developing value for the RPSC membership, through enhanced communication, improvements in the RPSC website, establishing an RPSC calendar of events, and enhancing the content of the Council newsletter. The Council still plans to develop a new publication, entitled Annual Reports in Radiopharmaceutical Chemistry. One section of this publication, "Radiopharmaceutical Preparations", will facilitate synthesis of many commonly used radiopharmaceuticals. Discussions with the Society are still ongoing regarding implementation of this publication.

The Council currently has 419 members, and increase of 40 (10%) over last year and increasing Council membership remains an important goal of the RPSC. We continue to work on outreach activities to the SNM Technologist Section, the SNM Young Professionals Committee, as well as other professional groups in the field of Radiopharmaceutical Sciences. We also work with the Society in an effort to continue to develop the Mixer/Poster Session. Finally, the Awards Committee will continue to promote the Young Investigators Award and begin presenting an award to an Outstanding Radiopharmaceutical Scientist on an annual or biannual basis.

The long-term goals of the Council include increasing membership by another 10% by 2010, creating a more interdisciplinary organization, producing workshops and educational programs outside of the SNM meetings, and developing student fellowships to encourage and retain young scientists in the field.

The proposed revenue for FY2010 is \$29,175 and the proposed expenses are \$28,375, for a total FY2010 year-end net assets of \$800.00. The Council has identified a variety of goals for the coming year for which funds have been earmarked. Highlights of these goals include:

- Continuing to provide travel funds to the SNM Annual meeting for Young Investigator Award Symposium participants.
- Support for increased interaction between the RPSC, and the SNM Technologists Section, and Young Professionals Committee.
- Funding promotional materials and events designed to attract new members to the RPSC.
- Funding for the Poster-Mixer at the 2010 Annual Meeting in Salt lake City.

In order to advance these goals, the Council has again included \$11,000 in our FY2010 expenses to support the Poster Session Mixer to be organized for the 2010 SNM Annual Meeting. Similar events are held at other society meetings (including the American Chemical Society National Meeting and the International Symposium on Radiopharmaceutical Chemistry) to great effect. The Council feels that this is an important mechanism to support both our outreach initiatives and to encourage new membership. The 2008 and 2009 Mixers were totally supported by corporate donations, but the Council feels it prudent to budget for this event regardless. The RPSC will also continue to provide \$1500 in salary support for the SNM staff liaison. Due to the very generous support from the corporate sponsors of this years poster-mixer the RPSC will end FY2009 on the positive side.

Part 2 – History and Position to Date

A. Mission of the Radiopharmaceutical Sciences Council

The Radiopharmaceutical Sciences Council (RPSC) is dedicated to the interchange of scientific and medical information, ideas, and knowledge among Society of Nuclear Medicine members who have an interest in radiopharmaceutical sciences. The overall mission of the RPSC is to:

- Provide a forum for members with similar interests
- Provide expertise in the fields of interest to the membership
- Foster education in research and application of radiopharmaceutical sciences
- Provide outreach to other professionals and organizations
- Nurture new membership into the Society and the Council
- Provide recognition for professionals who have made outstanding contributions in the fields encompassed by the radiopharmaceutical sciences
- Provide continuing education credits for Radiopharmacists
- Serve as a resource to SNM leadership

The RPSC strives to maintain programs that benefit the following groups of individuals:

- Radiopharmaceutical Chemists
- Radiobiologists
- Medicinal Chemists
- Organic/Organometallic Chemists
- Inorganic Chemists
- Analytical Chemists
- Radiopharmacists
- Medical (Health) Physicists
- Pharmaceutical Scientists
- Molecular Biologists

- Technologists
- Pharmacologists
- Engineers
- Physicians

B. Council Leadership

Position	<u>2008/2009</u>	2009/2010
President	Jeffrey Norenberg, MS, Pharm.D.	Michael J Adam, Ph.D.
Vice President	Michael J. Adam, Ph.D.	Pradeep Garg, Ph.D.
Vice President-Elect	Pradeep Garg, Ph.D.	Sally Schwarz, R.Ph., M.S.
Secretary	Julie Sutcliffe, Ph.D.	Julie Sutcliff, Ph.D.
Treasurer	Michael R. Lewis, Ph.D.	Marc Berridge, Ph.D.
Immediate Past President	Robert H. Mach, Ph.D.	Jeffrey Norenberg, MS, Pharm.D.
Board Members	Sally W. Schwarz, R.Ph., M.S.	Cara Ferreira, Ph.D.
	Stephen C. Dragotakes, R.Ph., BCNP	Timothy Degrado, Ph.D.
	G. Leonard Watkins, Ph.D.	Shuang Lui, Ph.D.
	Cara Ferreira, Ph.D.	G. Leonard Watkins, Ph.D.

C. Council Membership Benefits (Current)

- Newsletter
- Annual Meeting Categorical Seminar
- Annual Meeting Continuing Education Program
- Annual Meeting Basic Science Summary Session
- Annual Meeting Poster-Mixer
- Annual sponsor of the Berson Yalow award
- Annual sponsor of the Michael Welch award
- Website
- Young Investigator Awards
- Council Contributions to Mid-Winter Educational Symposia
- Advocacy to SNM

D. Accomplishments

1. 2008 Interim Board of Directors Meeting

The RPSC Board of Directors met in Chicago in November 2008 to continue to develop its strategic initiatives and business plan. During the meeting, the Board reviewed the Standard Operating Procedures and short- and long-term goals of the council were identified. Work on some of the short-term goals was initiated at this meeting. The short and long-goals are updated in Part 3 of this business plan.

a. Review and Revision of Standard Operating Procedures

The RPSC Operating Procedures (OPs), were again reviewed by the RPSC BOD at the Interim Meetings in October, 2007, and November 2008 and accepted without changes. The OPs will be reviewed annually and revised as necessary.

2. 2009 Mid-Winter Meeting

The 2009 SNM Midwinter meeting was held February 5-8, 2009 at the Hilton Clearwater, FL.

The RPSC co-sponsored two “After Bench to Bedside Part I & II” sessions with the Society of Radiopharmaceutical Sciences on Saturday night and Sunday morning. The RPSC did not receive a stipend this year.

The RPSC and the SRS provided travel awards, up to \$800 in the form of travel reimbursement, for 21 students to attend the midwinter meeting. \$3,195 came out of the RPSC Student Awards budget.

3. 2009 Annual Meeting

a. Categorical Seminar

The RPSC sponsored (co-sponsored by the Nuclear Oncology council and the SNM Molecular Imaging Center of Excellence) a Categorical Seminar at the 2009 Toronto annual meeting on the topic of Molecular Imaging of Hypoxia Biology. Six speakers presented talks on the basic biology of hypoxia, the history of imaging hypoxia, and the use of individual tracers such as MISO, EF5 and Cu-ATSM. This categorical was very well attended and we would like to thank our speakers for making this a success.

b. Continuing Education Session ” Radiopharmaceutical Chemistry: Nuts and Bolts (Organizers: Robert Henry Mach, PhD and Pradeep Garg, PhD)

This session was specially designed for those clinicians, scientists, pharmacists and technologists wishing to gain experience in rapidly evolving field of molecular imaging, especially pertaining to PET and SPECT imaging. Role of Nuclear Medicine imaging and constraints involved in developing new and novel imaging agents will be discussed. Differences in developing C-11 and F-18 labeled compounds were also be presented. In addition, strategies to develop metal based radiopharmaceuticals were presented. Special emphasis was placed on various chemistries involved in the production of these radiopharmaceuticals and technical challenges in producing these radiopharmaceuticals. The reason why some of new and novel radiopharmaceuticals are not yet in clinical use was discussed. The speakers included Pradeep Garg, Michael Adam, Bob Mach and Carolyn Anderson.

c. Continuing Education Session “Regulatory Compliance for Translational Imaging: Radiopharmaceutical Nuts and Bolts II” (Organizers: Pradeep Garg, Ph.D. and Sally Schwarz, MS, RPh, BCNP)

This session was designed for those clinicians, scientists, pharmacists and technologists wishing to gain experience in rapidly evolving field of PET and SPECT imaging. Role of Nuclear Medicine imaging and constraints involved in developing new and novel imaging agents was be discussed. Special emphasis was be placed on regulatory issues including quality control relating to use of these imaging agents in humans. The steps involved in moving these agents to clinical research requiring RDRC, IND, and X-IND submissions were discussed. The speakers included Pradeep Garg, Sally Schwarz, Neale Mason, and David Dick.

d. Continuing Education Session “Distributed Manufacturing of PET Radiopharmaceuticals for Multi-Center Clinical Trials” (Organizers: Jeffery P. Norenberg, PharmD. and Henry Van Brocklin, PhD) Co-sponsored by the Molecular Imaging Center of Excellence

The multicenter, “distributed” manufacture of PET radiopharmaceuticals requires CMC documentation for all investigational PET radiopharmaceutical production sources participating in IND submissions.

This session presented, review, and discuss regulatory pathways for IND CMC compliance for PET radiopharmaceuticals, recent changes and the current status of USP chapter 823, the SNM Clinical Trials Network Manufacturing Registry, and specific operational changes required to manufacture cGMP PET radiopharmaceuticals under approved CMC for INDs. The speakers included George Mills, Ravindra Kasliwal, and Sally Schwarz.

e. Basic Science Summary Session - Radiopharmaceutical Sciences

The Radiopharmaceutical Sciences Council again sponsored a Basic Science Summary Session at the 2009 Annual Meeting, presented by Dr. Michael J. Welch. These sessions are more focused versions of the very popular "Meeting Highlights" sessions that are presented annual by Dr. Henry Wagner. This session was proceeded by the awarding of the first annual Michael J. Welch award to Dr. Wynn Volkert PhD, from the University of Missouri (see details below). The summary session was very well attended with standing room only.

f. 2009 Young Investigator Awards

The Eighth Annual RPSC Young Investigator awards were presented at the 56th Annual Meeting of the Society of Nuclear Medicine in June 2009, in Toronto, during a special symposium in the Radiopharmaceutical Chemistry track. The top seven Radiopharmaceutical Chemistry Young Investigator abstracts, determined by review score, were presented in this symposium. The RPSC leadership scores the presentations, and the top three presentations receive an honorarium, and a commemorative certificate. This year, the Council was able to provide travel awards to all of the Young Investigator participants.

The 2009 Young Investigator Awards were presented to:

First Place.

J. Choi, from UC Davis Dept. of Biomedical Engineering, presented "PET Imaging of activated matriptase, a marker for cancer progression" (abstract #96).

Second Place.

H. Gill from Genentech Inc., Department of Biomedical Imaging, South San Francisco, CA., presented "A platform for the rapid site-specific radiolabeling of proteins with F-18 exemplified by quantitative microPET imaging of HER2 expression" (Abstract #95).

Third Place.

K. Prinsen from K.U. Leuven, Radiopharmacy, Leuven, Belgium, presented "Radiosynthesis and preliminary evaluation of a Ga-68 labeled benzylidene-bis-indole derivative for early detection of necrosis by PET in rodent models" (abstract #92).

The YIA is sponsored by the SNM Education and Research Foundation (ERF).

g. 2009 SNM Annual Meeting Poster Session/Mixer

The Council sponsored their third annual Poster Session Mixer at the 2009 Annual Meeting, co-sponsored this year with MCoE. Financial support for this year's mixer came from the SNM Molecular Imaging Center, MDS Nordion, Comcer, Molecular Insight, ABX Advanced Biochemical, Bayer Schering Pharma, BioScan Inc., Isotrace, and Eckert & Ziegler Eurotope GmbH. The goals of this mixer were to encourage poster

attendance and to stimulate discussion among attendees. Council members also circulated during the mixer promoting Council activities and encouraging new membership. The mixer was well attended with refreshments served to over 200 participants. The mixer was publicized on site with a flier in the welcome packets, notices on the “daily highlights” board and announcements at all Radiopharmaceutical Sciences Track oral sessions. In addition, all poster presenters were sent personal invitations.

h. 2009 Berson-Yalow Award

Mike Adam and Fred Fahey presented the 2009 Berson-Yalow award to Adriana Garcia (paper #1947, F-18 Fallypride PET to monitor pancreatic beta cell loss in diabetes mellitus), from the University of California, Irvine, USA. The presentation was made at the beginning of the Monday Cassen award Plenary session. This award is presented for the most original scientific abstract and making the most significant contributions to basic or clinical radioassay.

i. RPSC Special Recognition Award

The RPSC initiated a Special Recognition Award for contributions to the Radiopharmaceutical Sciences community as a whole. The first award was presented to John Pantaleo, in 2007, for his advocacy at the DOE regarding support for radiopharmaceutical development. No award was presented in 2008 or 2009, but the Council will continue to present this award on a periodic basis.

j. Michael J. Welch Award

This year the RPSC initiated the Michael J. Welch Award for outstanding contributions to radiopharmaceutical sciences. The first award was given to Dr. Wynn Volkert of the University of Missouri and was presented before the Basic Sciences Summary session. Dr. Volkert gave a brief talk highlighting milestones of his career. The Michael J. Welch monetary award (\$1,000) is sponsored by Bayer Schering Pharma.

k. 3rd International Symposium on Radionuclide Therapy and Radiopharmaceutical Dosimetry (ISRTRD)

Although the ISRTRD symposium was not directly organized by the RPSC, oral and poster sessions were submitted, reviewed and created under the SNM Radiopharmaceutical Chemistry track. Dosimetry abstracts that normally would be submitted to the RPSC track were submitted this year to the ISRTRD symposium.

4. Advocacy to SNM

a. USP

United States Pharmacopeia (USP) General Chapter <797> on Pharmaceutical Compounding—Sterile Preparations is a far-reaching regulation that governs a wide range of pharmacy policies and procedures. It is designed to cut down on infections transmitted to patients through pharmaceutical products. In 2006 the US Pharmacopeial Conference proposed revisions to this chapter which were open for public comment until August 15, 2006. The revisions were finalized and made effective as of January 2008. The changes directly affect the practice of Nuclear Medicine. Most traditional nuclear medicine radiopharmaceuticals fall into the category of low-risk compounded sterile products. But due to the definition of this category, one preparation in particular, Tc-99m labeled RBCs, using the Covidien UltraTag[®] kit, has encountered problems due to the number of additions made into the labeling vial to prepare the kit formulation. A letter

was sent from SNM Board of Directors to the USP to request clarification of this issue, but it has no answer has been received to date.

b. NRC

The Energy Policy Act 2005 (EPAct) expanded the definition of byproduct material to include naturally occurring and accelerator produced radioactive materials (NARM). The EPAct permitted the NRC to issue waivers to States and other entities while developing final regulations for NARM and to develop a transition plan for the implementation of the new NARM regulations. Publication of the final rule occurred in October 2007, and the NRC will assume full responsibility for all NARM in August, 2009. At that time facilities will have 6 months to amend their existing NRC license, or one year to file a new application, to include accelerator production facilities. Two NRC guidance documents have been published to assist in this process: NUREG-1556, Volume 21 (Production of RAM Using an Accelerator) and NUREG-1556, Volume 13 (Commercial Radiopharmacy Licenses).

E. Membership Statistics

As of May, 2009, the Radiopharmaceutical Sciences Council has 419 members, a significant increase (40 members) over the previous year. The Society currently has nine councils with the Radiopharmaceutical Council ranking second in total members followed closely by the Nuclear Oncology council. This ranking has remained fairly constant since 1994, even though membership in the Radiopharmaceutical Sciences Council has decreased from a high of 658 in 1994. This is most likely a result of an overall decrease in SNM membership over this same time period. One of the goals of the Radiopharmaceutical Sciences Council is to work on increasing their membership by making membership in the council more appealing to a wider sector of the society. There are also a significant number of scientists in our field that simply have not joined and they should be encouraged to do so.

Part 3 – Short- and Long-Term Goals and Opportunities

A. Goals Set Forth for the Current Year

1. Increase Membership and Enhance Communications

The Radiopharmaceutical Sciences Council will focus its attention on identifying membership needs and providing more avenues of communication among members of the Council and between members and Council leadership. It is a goal of the Council to increase membership by 10% this year by providing these additional resources and enhancing the value of Council membership. In particular, the Council will focus in the coming year on expanding membership services directed toward the Radiopharmacy community. This will add value for our existing Radiopharmacist members and encourage new membership to both the Council and Society from among the Radiopharmacy community.

- a. Newline Articles – The RPSC President will provide regular articles describing Council activities for inclusion in *JNM's* Newline that will inform members of SNM of the valuable contributions the RPSC is making to the Society.
- b. Newsletter – As part of the Council's effort to enhance communication with its members, the RPSC publishes a newsletter that includes updates on Council activities and articles relating to radiopharmacy and radiopharmaceutical sciences. These newsletters will be distributed electronically to the membership and will be available on the RPSC website.
- c. RPSC Website – The RPSC will continue to improve its website by providing

additional features and resources. RPSC membership will be enhanced by the creation of a members-only section of the site that will include a community feature that will act as an online bulletin board where members can create dialogues on specific topics and resolve issues. The site will also feature a database of radiopharmaceuticals. The newly designed website was put up in May of 2005 and is updated as needed. The RPSC intern, Daniel Yokell will be working to improve and update the website.

- d. RPSC Communication – The RPSC has been using the Community feature of the RPSC website to update its membership about the Council's activities. This provides members with regular communication and increase awareness of Council projects.
- e. New Member Welcome Packet – The RPSC will provide new members an informational packet similar to the new member packet of the Society, that will include the mission and goals of the RPSC, a summary of educational programs sponsored by the RPSC, an orientation to the RPSC website, a listing of RPSC leadership, etc. The packet will give new members an idea of what they can expect from their membership in the RPSC.
- f. Member-Get-A-Member Drive – The RPSC has initiated a "Member-Get-A-Member" recruitment drive, similar to that used by the American Chemical Society. Members are urged to recruit their non-member colleagues in return for which both the new member and their "recruiter" receive an RPSC logo coffee mug. There are also an active efforts to recruit new members at the YIA Symposium, Poster Session Mixer and RPSC Business Meeting at the SNM Annual Meeting.

2. RPSC Publications

The RPSC proposed the creation of a new radiopharmaceutical chemistry publication, tentatively titled *Radiopharmaceutical Preparations*, which would serve as a reference source for radiopharmaceutical syntheses. This publication is currently under review and will be discussed at the interim board meeting in October 09.

The RPSC continues to explore the creation of a publication tentatively titled "Annual Reports in Radiopharmaceutical Chemistry". This publication will consist of a series of review articles describing recent advances in radiotracer development along a variety of themes such as CNS targets (serotonin receptor ligands, Beta amyloid imaging agents, etc), disease (cancer, cardiovascular disease), or chemistry (i.e., recent advances in F-18 labeling, Tc-99m radiolabeling, Cu-64 chelates, etc). It will also include a section tentatively titled *Radiopharmaceutical Preparations*, which would serve as a reference source for practical aspects of radiopharmaceutical syntheses. The main goal of this publication is that the published works will provide updated current information and also serve as a teaching tool. Since this topic is of general interest to the entire SNM membership, the best format for this publication would be a supplement to the Journal of Nuclear Medicine or in the book "Handbook of Radiopharmaceutical Chemistry", by Michael Welch. RPSC Past President Robert H. Mach, Ph.D. has offered to serve as the editor of this publication and will work with the Society to bring this publication to fruition.

3. Improve Scientific Interaction with Young Professionals

- a. Mixer/Poster Session – In order to further encourage scientific interaction with colleagues at the SNM poster sessions, the RPSC has developed a social mixer/poster session to be held during one of the usual poster sessions at the Annual Meeting. In future years, the Young Professionals and other councils within the SNM will be invited to participate in organizing this event. This will also include efforts to schedule the mixer so as to not coincide with other YPC sponsored events
- b. 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

contribute Continuing Education sessions to the 2010 Annual meeting. Topics for this session will be discussed at the Interim Board meeting. The RPSC will also increase its communications with technologists through contact via phone, e-mail, and meetings. The intent of this contact will be to identify the needs of the technologists, including the need for training and education, RPSC benefits that will enhance technologist membership in the Council, and inclusion on the RPSC Board of Directors.

- c. Outreach to Other Groups and Individuals – The RPSC leadership will begin discussions with other organizations operating in the fields of radiopharmacy and radiopharmaceutical sciences to determine areas of possible collaboration and education. This 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. For the Annual APhA meeting planned for Washington DC March 12-15, 2010, Jeff Norenberg and Sally Schwarz, are working on a Radiopharmaceutical Chemistry session which will be approved for University of New Mexico Radiopharmacy CE. This interaction will help to identify activities that the RPSC can develop to enhance and increase membership, particularly among radiopharmacists.

4. Educational Programs

2010 Mid-Winter Educational Symposium

The RPSC will continue their active participation in the educational mission of the SNM with significant contributions to the 2010 SNM Mid-Winter Educational Symposium. RPSC will organize a full session of two 3 hour sections. Sessions are being organized by Pradeep Garg and Michael Adam. The title of this program will be "The Development of a Radiopharmaceutical FOR MOLECULAR IMAGING--from Bench to Bedside". Speakers have not yet been selected but it is expected the sessions will be divided into four parts with a total of 8 speakers.

2010 Categorical Seminar

The RPSC is currently discussing options for the Categorical Seminar Program at the 2010 Annual Meeting. Since we contributed a categorical at the 2009 meeting it is not imperative that we do one in the 2010 meeting but it is something that we should consider doing. Options will be discussed via email to the community or via a conference call.

2010 Continuing Education Symposium

Several Continuing Education programs are currently under consideration for the 2010 Annual Meeting, including another practical radiochemistry/radiopharmacy session. More options will be discussed via email to the community or via a conference call.

5. Awards

The RPSC will continue to sponsor Young Investigator Awards. The Awards Committee will work closely with the ERF to obtain financial support to sustain these important awards for years to come. The Council initiated a Special Recognition Award in 2007, which will be continued on a periodic basis.

The RPSC initiated a new named award at the 2008 Annual meeting, the Michael J Welch Award for Outstanding Contributions in Radiopharmaceutical Sciences. The first award was presented to Dr. Wynn Volkert of the University of Missouri and was presented by Dr. Welch and RPSC president Dr. Jeffery Norenberg during the Basic Sciences Summary session.

The RPSC will also continue to hold responsibility for presenting the SNM Berson-Yalow Award for Outstanding Scientific Abstract. This award is funded by the SNM Scientific Program Committee and will be presented each year during the Cassen Plenary lecture at the Annual meeting. The award for the 2009 award was the first one to be presented with this elevated status at the beginning of a plenary lecture which was presented to the winner by the President of the RPSC and the SNM Scientific Program Chairman. Previously, it was presented at our business meeting.

B. Long-Term Goals and Opportunities

1. **Increase Membership by 10%** – The RPSC currently maintains a membership 419, an increase of 10% from 2008. With the initiatives and outreach programs identified as short-term goals, the RPSC could feasibly increase its membership by 10% by 2010.
2. **Interdisciplinary Organization** – By identifying specific groups and professionals of interest, the RPSC can become a truly interdisciplinary organization whose activities will address the needs of a diverse group of members.
3. **Workshops and Educational Programs** – The RPSC will explore the possibility of conducting seminars and educational programs independently of the Society's Annual and Mid-Winter 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 increase awareness of the development and uses of radionuclides among the medical community. These programs will also keep Society members abreast of cutting-edge developments within the field.
4. **Awards/Recognition** – The awards committee will explore award mechanisms to further recognize not only RPSC members but also SNM members in general who have made important contributions in the fields of Radiopharmacy and Radiopharmaceutical Sciences.
5. **Radiopharmaceutical Sciences Student Fellowships** - Graduate programs in Departments of Chemistry, Biochemistry, Nuclear Engineering, Radiation Biology, Pharmacy, Pharmaceutical Science, etc., that have faculty working in the Radiopharmaceutical Science area need incentives to attract graduate students to this little advertised/publicized area of research. Many graduate programs offer stipends to incoming graduate students (either as Teaching or Research Assistantships). These stipends allow the student to enter any research area supported within the particular graduate program. In order to encourage potential graduate students to enter a graduate program and select a faculty advisor in the Radiopharmaceutical Science area, a Supplemental Nuclear Medicine Scholarship of \$3,000/year per student could be made available. These Supplemental Nuclear Medicine Scholarships should be for more than one year; otherwise the student may not find it a sufficient incentive to join this area of study. Several other areas are also well funded. This additional incentive may be sufficient to encourage the graduate student to enter the field of Radiopharmaceutical Sciences.

Part 4 – Financial Status and Budget

The RPSC financial status and budget for FY2009 is shown in the Table below. While the total revenue remains relatively flat, as expected, the most significant change in the last 2-3 years compared to prior

years is an increase in spending due to the revitalization process within the council. This is continued in FY2010 with the continued support for a Poster Session Mixer to be organized for the 2010 SNM Annual Meeting. Although this expense may result in a small budget deficit, the Council feels that this is an important mechanism to support both our outreach initiatives and to encourage new membership. There are no new items in the 2010 budget, but small adjustments have been made to reflect actual spending in 2009. The council will continue to expend funds to have an interim meeting in 2009, which has proven to be extremely successful and productive. Money is again earmarked to provide travel to the interim Board meeting in the fall of 2009. The meeting room rental and food and beverage costs in FY2009 were associated with the Council business meeting as donor funds supported the Poster Session Mixer at the Annual Meeting. It is anticipated that the council will end FY2009 with a small surplus in their account.

The FY2009 budget reflects the increase of activities associated with the continued implementation of the OPs and the initiation of new projects within the council with benefit projected for the RPSC members and the Society. The detailed budget is as follows:

Salaries: The RPSC will continue to provide \$1500 in salary support for the SNM staff liaison.

Awards: Plaques are given annually to thank the Officers and Directors for their volunteer service to the RPSC; Michael J. Welch Award (\$1,000) and plaque; YIA Awards (\$800)

Member Travel: Support for member travel to the interim Board meeting.

Food and Beverage: Beverage and snack service at the annual RPSC Business meeting and Interim Board meeting.

Telephone: Supports conference calls for the RPSC Board throughout the year.

Financial Status and FY2009 Budget (cont'd)

RPSC	Year to Date			FY 2009	FY 2008
	Actual	Budget	Variance	Budget	Actual
Revenue					
Dues - Full Members	6,220	5,253	967	6,082	5,575
Sponsorships	5,000	4,000	1,000	4,000	6,000
Grants		900	(900)	1,800	1,800
Miscellaneous - Other		750	(750)	1,500	2,000
Inter-fund Transfer Revenue	13,774	6,388	7,386	12,775	8,575
Total revenue	\$24,994	\$17,291	\$7,703	\$26,157	\$23,950
Expenses					
Salaries	750	750		1,500	1,500
Staff Travel	727	325	(402)	650	623
Member Travel	4,652	2,000	(2,652)	4,000	2,959
Printing		63	63	125	
Awards		900	900	1,800	1,300
Award Supplies		250	250	500	599
Grants		2,875	2,875	5,750	
Food and Beverage	2,029	4,500	2,471	9,000	2,737
Audiovisual Eq/Svcs Rental		50	50	100	64
Marketing Promotion					303
Office Supplies					52
Telephone		38	38	75	38
Total expenses	\$8,159	\$ 11,750	\$3,591	\$23,500	\$10,177
Change in Net Assets	\$16,835	\$5,541	\$ 11,294	\$2,657	\$13,744