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 2010 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 2010-2011 Business Plan and Budget for FY2011.

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 FY2011 budget.

During the past year the RPSC leadership and members actively participated in the organization and presentation of educational seminars at the 2010 Mid-Winter Meeting in Albuquerque, NM, and the 2010 Annual Meeting in Salt Lake City, UT. During the 57th Annual Meeting, the RPSC presented three Continuing Education Seminars, and the eighth annual Radiopharmaceutical Track Basic Science Summary Session, presented by Drs. Joanna Fowler, Robert H. Mach, and Pradeep K. Garg. Continuing the tradition, 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 fourth year a Poster Session Mixer, with financial support from the SNM Molecular Imaging Center, MDS Nordion, Bayer Schering Pharma, BioScan Inc., Eckert & Ziegler Eurotope, Rotem, and Petnet Solutions to encourage poster attendance and stimulate Council membership. The Mixer was a huge success 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. 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 FY2010-2011 include continued participation in the educational symposia at the Society’s annual Meeting such as two Continuing Education Seminars and a Categorical Seminar jointly sponsored by RPSC and the MICoE at the 2011 Annual Meeting. The RPSC will not have an educational symposium at the 2011 SNM MWM. The focus of RPSC continues to be on developing value for the RPSC membership, through enhanced communication, improvements in the RPSC website, maintaining the RPSC calendar of events, and enhancing the content of the Council newsletter. In 2010 annual RPSC board meeting, members discussed the status of previously proposed new publication, entitled Annual Reports in Radiopharmaceutical Chemistry. The intent of this publication was to devote a section “Radiopharmaceutical Preparations”, to facilitate synthesis of many commonly used radiopharmaceuticals. Despite long discussion, it was agreed that this project is not feasible in current environment when several on-line journals are coming up.

The Council currently has 420 total members. 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.

The fourth Mixer/Poster Session, organized by the RPSC and MICoE at the 2010 SNM annual meeting was well attended. The funds to support this event were raised through generous donations from various vendors. Finally the Awards Committee will continue to promote the Young Investigators Award, best
poster awards, Berson-Yalow award, and the ‘Michael J. Welch’ award presented to an Outstanding Radiopharmaceutical Scientist on an annual basis. Based on last year’s discussions, it is proposed that we revisit award criteria for the Berson-Yalow award and align the intent of this award and the current technology used in today’s radiopharmaceutical chemistry field.

The long-term goals of the Council include increasing membership by 10% by 2011, 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 FY2011 is $31,981 and the proposed expenses are $30,540, for total FY2011 year-end net assets of $1,441. 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 2011 Annual Meeting in San Antonio, TX.
- Provide financial support (in the form of travel reimbursement) of up to $1500 annually for the RPSC intern.

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 molecular imaging and 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 molecular imaging and 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
- Molecular imaging scientists
- Multimodality scientists
- Optical imaging scientists
- Imaging scientists
- Therapeutic scientists
- 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 2010-2011
President Pradeep K. Garg, Ph.D.
Vice President Sally Schwarz, R.Ph., M.S.
Vice President-Elect Timothy Degrado, Ph.D.
Secretary G. Leonard Watkins, Ph.D.
Treasurer Marc Berridge, Ph.D.
Immediate Past President Michael Adam, Ph.D.
Board Members Shuang Lui, Ph.D.
Neil Petry, R.Ph., BCNP
Peter M.J. Smith, Ph.D.
Scott E. Snyder, Ph.D.
RPSC Intern Daniel Yokell, Pharm 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. 2009 Interim Board of Directors Meeting

The RPSC Board of Directors met in Chicago in October 2009 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 Meeting in October 2009 and accepted without changes. The OPs will be reviewed annually and revised as necessary.

2. 2010 Mid-Winter Meeting

The 2010 SNM Midwinter meeting was held January 27 – February 2, 2010 at the Albuquerque Convention Center in Albuquerque, NM. The RPSC sponsored two "The Development of a Radiopharmaceutical for Molecular Imaging – From ‘Bench to Bedside’ – Part I & II” sessions on Saturday night and Sunday morning. The RPSC received a $2,000 stipend this year to organize this activity.

3. 2010 Annual Meeting

a. Categorical Seminar
The RPSC and the SNMTS co-sponsored a categorical session titled “Earning the Gold Medal for Compliance: How Can Your Facility Achieve Best Practice Standards for Radiopharmaceutical Manufacturing and Compounding? - Part I and II at the SNM 57th Annual Meeting in Salt Lake City, UT. The organizers were Sally Schwarz, MS, RPh, BCNP and Peggy Squires, CNMT.

The course was designed for nuclear medicine physicians, technologists, radiopharmacists, scientists and administrators. The purpose of this categorical was to present information relevant to compliance with radiopharmaceutical manufacturing and compounding standards, both current and anticipated for hospital and clinic radiopharmacies, as well as commercial and research cyclotron facilities. The morning session reviewed best practices for compliance with radiopharmacy compounding including USP <797> guidelines for sterile compounding, and how to build out new space or renovate existing space for compliance. The afternoon session included an overview of manufacturing guidelines–why Current Good Manufacturing (CGMP) for PET is important and the impact of CGMP for PET on the industry. PET drug production safety and record keeping requirements of the NRC and agreement states was presented. The final review covered the current practices for PET manufacturing compliance under USP<823> and how those will change in preparation for FDA Part 212 compliance required by December, 2011.

b. Continuing Education Session - “Small Animal Imaging” (Organizers: Michael J. Adam, PhD and Pradeep Garg, PhD)

The purpose of this course was to bring scientists who may not be imaging experts in this field up to speed with the latest developments in small animal PET and SPECT imaging. They also gained knowledge of how small animal imaging is used in developing new radiopharmaceuticals. The course updated the latest in instrumentation in this rapidly changing field as well as reviewed a variety of applications in oncology and other areas. Preclinical imaging and some discussion on probe design were also included.

c. Continuing Education Session co-sponsored by NCI - “The Development of a Radiopharmaceutical for Molecular Imaging” (Organizers: Michael J. Adam, PhD and Pradeep Garg, PhD)

This session was specifically designed for clinicians, scientists, pharmacists, and technologists wishing to gain experience in the rapidly evolving field of molecular imaging, especially pertaining to PET and SPECT imaging. The role of nuclear medicine imaging and constraints involved in developing new and novel imaging agents were discussed. The entire symposium was split into 4 themes ranging from oncology to neuroimaging and imaging of cardiovascular events. Special emphasis was placed on issues pertinent to translational imaging and difficulties encountered in moving imaging probes from bench to bedside. Various chemistries involved in the production of these radiopharmaceuticals and technical challenges in producing these radiopharmaceuticals were also included. The steps involved in moving these agents to clinical research requiring RDRC, IND, and X-IND submissions were discussed.

d. Continuing Education Session co-sponsored by the MICOE – “Apoptosis” (Organizers: Henry F. VanBrocklin, PhD and Jeffrey P. Norenberg, PharmD)

Apoptosis is the process of programmed cell death that may occur in multicellular organisms. Apoptosis plays significant roles in human disease; for example, cardiac apoptosis can lead to congestive heart failure and defective apoptosis represents a major causative factor in the development and progression of cancer. In addition, the ability of cells to evade engagement of apoptosis can play a role in their resistance to conventional therapeutic regimens. Noninvasive imaging of apoptotic events could have a significant impact of the management of patients with a myriad of diseases. This session brought together 3 experts in the realm of apoptosis imaging.
e. Participation in “Clinical Trials Workshop 2010: Molecular Imaging in Clinical Trials: Session I—Radiopharmaceutical Production in Multicenter Clinical Trials” (Moderator: Sally Schwarz, Ms, RPh, BCNP)

This session discussed the concept of “distributed” PET manufacturing of Investigational New Drugs (INDs). This requires submission of a Chemistry Manufacturing and Controls (CMC) document for each PET drug production site involved. This session had speakers from the FDA, academia and commercial PET manufacturers involved in distributed manufacturing. The FDA presented their perspective on cGMP for PET 21 CFR Part 212 and discussed considerations for IND CMC submissions. Each manufacturer presented various aspects of manufacturing PET drugs under Part 212 and FDA approved INDs. The academic perspective discussed the difficulties of smaller institutions involved in both research (regulated under USP Chapter 823) and commercial PET production. The final speaker discussed the need for audits and inspections for Distributed Manufacturing Sites involved in IND PET drug production. The FDA speakers included Wendy Sahhai, Dr. Reeves and Eldon Leutzinger. The commercial and academic speakers were Anwer Rizvi (IBA), Dan Skrovonsky (Avid) Steve Zigler (PETNET), Jeff Clanton (Vanderbuilt) and David Dick (Stanford).

f. Basic Science Summary Session - Radiopharmaceutical Sciences

The Radiopharmaceutical Sciences Council again sponsored a Basic Science Summary Session at the 2010 Annual Meeting, presented jointly by Drs. Joanna Fowler, Robert H. Mach, and Pradeep K. Garg. 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 RPSC’s annual ‘Michael J. Welch’ award to Dr. Mark Goodman PhD, from the Emory University (see details below). The summary session was very well attended with standing room only.

g. 2010 Young Investigator Awards

The Annual RPSC Young Investigator awards were presented at the 57th Annual Meeting of the Society of Nuclear Medicine in June 2010, in Salt Lake City, UT, 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 2010 Young Investigator Awards were presented to:

1st Place – Adriana Garcia - Dual probe microPET imaging of rodent pancreas.

2nd Place – Ming-Qiang Zheng - \[^{11}C\]LY2795050, an antagonist tracer for imaging the kappa opioid receptors.

3rd Place – Hancheng Cai - Preparation and biological evaluation of 64Cu labeled AmBaSar-RGD peptide for improved microPET imaging of integrin αvβ3 expression.

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

h. 2010 SNM Annual Meeting Poster Session/Mixer

The Council sponsored their fourth annual Poster Session Mixer at the 2010 Annual Meeting, co-sponsored this year with MICoE. Financial support for this year’s mixer
came from the SNM Molecular Imaging Center, MDS Nordion, Bayer Schering Pharma, BioScan Inc., Rotem, Petnet Solutions, and Eckert & Ziegler Eurotope. 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.

i. **2010 Berson-Yalow Award**

Pradeep K. Garg and Peter Herscovitch presented the 2010 Berson-Yalow award to Shawn M. Hillier, PhD (99mTc-MIP-1340, a small molecule inhibitor of PSMA for molecular imaging of prostate cancer.) from Molecular Insight Pharmaceuticals in Cambridge, MA.. 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.

j. **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, 2009, or 2010, but the Council will continue to present this award on a periodic basis.

k. **Michael J. Welch Award**

The RPSC Michael J. Welch Award is for outstanding contributions to radiopharmaceutical sciences. The second annual Michael Welch award was awarded to Dr. Mark Goodman of Emory University, during the SNM 2010 annual meeting. The Michael J. Welch monetary award ($1,000) is sponsored by Bayer Schering Pharma.

4. **Advocacy to SNM**

a. **FDA**

The FDA, taking into consideration the unique nature of PET drugs and PET drug production, published the final rule, 21 CFR Part 212 “Current Good Manufacturing (CGMP) for PET drugs,” (Part 212) on December 10, 2009. The rule becomes effective in 2 years, on December 12, 2011, and requires that manufacturers of PET drugs file a New Drug Application (NDA) or an Abbreviated New Drug Application (ANDA) before December 12, 2011. This rule (Part 212) establishes CGMP regulation, separate from traditional drug CGMP (Parts 210 and 211). CGMP for PET are the minimum standards that each manufacturer must follow to produce PET drugs. Part 212 also provides that CGMP may be meet for investigational and research PET drugs for human use, produced under an Investigational New Drug (IND) application or under the approval of a Radioactive Drug Research Committee (RDRC), by producing those PET drugs in accordance with Part 212, or in accordance with USP Chapter <823>, “Radiopharmaceuticals for Positron Emission Tomography – Compounding”, and USP Monographs if available.
The Energy Policy Act 2005 (EPAct) expanded the definition of byproduct material to include naturally occurring and accelerator produced radioactive materials (NARM). NRC will assume full responsibility for all NARM in August, 2009. At that time facilities had 6 months to amend their existing NRC license, or one year to file a new application, to include accelerator production facilities. As of August 2010 all cyclotron/accelerator facilities should have submitted license applications to the NRC. As a cautionary note, Non-Agreement cyclotron facilities may see more frequent and detailed inspections by NRC staff than in the past. It is also important to remember that certain traditional nuclear medicine radionuclides such as Tl-201, In-111 and I-123, are cyclotron produced. These are now regulated directly by the NRC in Non-Agreement states, and all NRC reporting activities do apply to these radionuclides in addition to the PET radionuclides.

E. Membership Statistics

As of July 2010, the Radiopharmaceutical Sciences Council has 420 total members. The Society currently has ten 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. Newsline Articles – The RPSC President will provide regular articles describing Council activities for inclusion in JNM’s Newsline 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 Board of Directors has been using the BOD Community feature of the RPSC website to update Board members about the Council’s activities. This provides Board members with regular communication and increases 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.

2. **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 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 would like to contribute Continuing Education sessions at future SNM meetings. 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. This interaction will help to identify activities that the RPSC can develop to enhance and increase membership, particularly among radiopharmacists.

3. **Educational Programs**

   a. **2011 Mid-Winter Educational Symposium**

      The RPSC will not participate in the 2011 Mid-Winter Meeting.

   b. **2011 Categorical Seminar**

      The RPSC would like to organize a categorical seminar “Lost in Translation” at the 2011 Annual Meeting. This will be further discussed at the Interim Board meeting in fall 2010.

   c. **2011 Continuing Education Symposium**

      Several Continuing Education programs are currently under consideration for the 2011 Annual Meeting, including another practical radiochemistry/radiopharmacy session. More options will be discussed via email to the community or via a conference call.
4. 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 need-based 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 second recipient of this award was Dr. Mark Goodman, Ph.D. of Emory University and was awarded at the 2010 SNM annual meeting in Salt Lake City, UT. The Michael J. Welch monetary award ($1,000) is sponsored by Bayer Schering Pharma.

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 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 of 420 members. With the initiatives and outreach programs identified as short-term goals, the RPSC could feasibly increase its membership by 10% by 2011.

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. Due to budget constraints, this initiative will be deferred this year. However, the RPSC would like to explore options in future years.

Part 4 – Financial Status and Budget

The RPSC financial status and budget for FY2011 is shown in the Table below. While the total revenue remains relatively flat, as expected, the most significant change in the last 3-4 years compared to prior years is an increase in spending due to the revitalization process within the council. This is continued in FY2011 with the continued support for a Poster Session Mixer to be organized for the 2011 SNM Annual Meeting. The council will continue to expend funds to have an interim meeting in October 2010, which has proven to be extremely successful and productive. Money is again earmarked to provide travel to the interim Board meeting. It is anticipated that the council will end FY2011 with a small surplus in their account.

The FY2011 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:** RPSC will continue to provide $1500 in salary support for the SNM staff liaison.
- **Member/Staff Travel:** Support for BOD members and staff liaison to attend RPSC Interim Board Meeting ($8,250); Intern travel reimbursement ($1,500)
- **Speaker Dinners:** Support for a speaker dinner at the MWM and Annual Meetings ($300 x 2)
- **Printing:** Printing Poster Mixer Registration Bag Flyers for the Annual Meeting ($400)
- **Awards & Award Supplies:** 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); 3 Poster Winners (T-shirts or something similar); Travel grants for the 7 YIA Presenters ($1,050)
- **Food/Beverage:** Beverage and snack service at the annual RPSC Board meeting ($650) and Interim Board meeting ($1600); Annual Poster Mixer ($12,000)
- **AV Equipment:** Speaker phone for possible teleconference at RPSC BOD Meeting ($200)
- **Meeting Room:** Interim Board Meeting room rental ($300)
- **Telephone:** Supports RPSC conference calls throughout the year ($50)
- **Poster Mixer Sponsor Ribbons** ($40)
### Financial Status and FY2011 Budget (cont’d)

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<th>FY2009 Year End Actual</th>
<th>FY2010 Budget</th>
<th>FY2010 Year End Projection</th>
<th>FY2011 Proposed Budget</th>
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<tr>
<td>Awards</td>
<td>5,995</td>
<td>1,800</td>
<td>1,854</td>
<td>1,800</td>
<td>Welch Award ($1,000) &amp; YIAs ($800)</td>
</tr>
<tr>
<td>Award Supplies</td>
<td>290</td>
<td>500</td>
<td>510</td>
<td>600</td>
<td>Welch Award/Outgoing BOD Plaques/Poster Awards</td>
</tr>
<tr>
<td>Grants</td>
<td>750</td>
<td>1,750</td>
<td>1,750</td>
<td>1,050</td>
<td>$150 Travel Grant to 7 YIA Presenters</td>
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<tr>
<td>Food and Beverage</td>
<td>13,010</td>
<td>13,250</td>
<td>9,704</td>
<td>14,250</td>
<td>BOD Retreat (1600), BOD Dinner (650), Mixer (12,000)</td>
</tr>
<tr>
<td>Meeting/Exh Hall Rental</td>
<td>1,723</td>
<td>230</td>
<td>300</td>
<td></td>
<td>BOD Retreat Meeting Room</td>
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<tr>
<td>Postage</td>
<td></td>
<td></td>
<td></td>
<td>207</td>
<td></td>
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<tr>
<td>Shipping</td>
<td>13</td>
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<tr>
<td>Audiovisual Eq Rental</td>
<td>123</td>
<td>200</td>
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<td></td>
<td>Teleconference for MWM/AM BOD Meetings</td>
</tr>
<tr>
<td>Miscellaneous</td>
<td>39</td>
<td>40</td>
<td></td>
<td></td>
<td>Poster Mixer Sponsor Ribbons</td>
</tr>
<tr>
<td>Office Supplies</td>
<td>24</td>
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</tr>
<tr>
<td>Telephone</td>
<td>75</td>
<td>21</td>
<td>50</td>
<td></td>
<td>RPSC Conference Calls</td>
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<tr>
<td><strong>Total expenses</strong></td>
<td>29,432</td>
<td>28,375</td>
<td>23,671</td>
<td>30,540</td>
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</tr>
<tr>
<td><strong>Change in Net Assets</strong></td>
<td>$10,662</td>
<td>$6,566</td>
<td>$10,681</td>
<td>$1,441</td>
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