1. **History and Position to Date**

   a. **Mission of the Council**

   (1) Provide a forum for members to exchange ideas, concepts, techniques and practices related to pediatric nuclear medicine

   (2) Provide expertise in pediatric nuclear medicine to the SNMMI membership

   (3) Foster research and education in pediatric nuclear medicine

   (4) Provide outreach to other professionals and organizations

   (5) Encourage SNMMI membership and Pediatric Imaging Council membership in the pediatric nuclear medicine community

   (6) Serve as a resource to the SNMMI leadership

   b. **Council Leadership**

   President: Susan Sharp, MD  
   Vice President: Frederick Grant, MD  
   Secretary/Treasurer: Ruth Lim, MD  
   Immediate Past-President: Stephanie Spottswood, MD, MSPH

   Board Members: Zvi Bar-Sever, MD  
   Richard Benator, MD, FACR  
   Aaron Scott, MIS, CNMT, NMAA  
   Hongming Zhuang, MD, PhD

   Intern: Neha Kwatra, MD

   c. **Council Membership Benefits**

   (1) Full access to on-line discussions related to pediatric nuclear medicine using the Pediatric NM List Server. Members may submit questions and cases, review lectures and teaching files, and have on-line discussions related to pediatric nuclear medicine

   (2) Pediatric Imaging Council newsletter is available to all members
(3) Annual Pediatric Imaging Council meeting

(4) Annual Pediatric Imaging Council No-Host Dinner (no cost to the Council)

(5) Participation in SNMMI continuing medical education activities and categorical courses

(6) Access to SNMMI Pediatric Imaging Council web page: Updates related to on-going Council activities

(7) Updates on dose reduction efforts in pediatric nuclear medicine (including PET/CT and SPECT/CT)

d. **Accomplishments**

(1) Prepared and published consensus guidelines for pediatric nuclear medicine imaging studies in conjunction with the Pediatric NM Dose Reduction Workgroup

(2) Participated in a marketing campaign to inform physicians and technologists of the consensus guidelines for pediatric nuclear medicine imaging studies


(4) Maintained the Pediatric Nuclear Medicine List Server

(5) Maintained an acceptable number of abstracts related to pediatric nuclear medicine for presentation at the SNMMI annual meeting

(6) Continued success of educational offerings at SNMMI:

(a) 2013 MWM Session: *Pediatric Nuclear Medicine Update: Advanced Hybrid Imaging in Pediatric Oncology and Infection*

(b) 2013 Categorical Course: *Hybrid Imaging in Pediatric Nuclear Medicine*

(c) 2013 CME Sessions:
   1. *Technical Troubleshooting in Pediatric Nuclear Medicine*
   2. *Read with the Experts: Pediatric Nuclear Medicine*
   3. *Pediatric Functional/Metabolic Brain Imaging*

(d) 2013 Non-CME Session: *Pediatric Dose Optimization Group Meeting*
(7) Outreach activities:

(a) Pediatric Imaging Council leadership continues to collaborate with the Nuclear Medicine Committee of the Society for Pediatric Radiology, and jointly organized a pediatric NM CME course at the SPR Annual Meeting in May 2013
(b) Pediatric Imaging Council members have participated in the ACR Appropriateness Criteria and Procedural Guidelines Committees.
(c) Pediatric Imaging Council members continue to participate in the Diagnostic Imaging and other committees of the Children’s Oncology Group, a national collaborative group evaluating new treatment protocols and other issues related to childhood cancer

e. Ongoing Projects

(1) Optimize utilization of the online clinical communications with a merger of the Pediatric NM List Server with the SNMMI PIC website

(2) Pediatric Dose Reduction Workgroup:

(a) Add additional radiotracers to the consensus guidelines
(b) International participation in the work of the group with development of consensus
(c) Produce pediatric-specific recommendations for CT protocols
(d) Provide more educational materials for the Image Gently campaign

(3) American College of Radiology Procedure Guideline review

f. Financial Condition and Membership Statistics

As of July 2013, the Pediatric Imaging Council has 134 Members. The Council’s recent membership history is listed below.

<table>
<thead>
<tr>
<th>Year</th>
<th>Members</th>
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<tbody>
<tr>
<td>2012</td>
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<td>2005</td>
<td>129</td>
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Attached is a report detailing the financial status of the Council.
2. **Short-Term and Long-Term Goals and Opportunities**

   a. **Goals Set Forth for the Current Year**

   (1) Further refine the radiopharmaceutical consensus guidelines for pediatric nuclear medicine as part of the Image Gently dose reduction initiative.

   (2) Assess the effectiveness of the initial dose recommendations and consideration of possible modifications of some existing dose recommendations.

   (3) Expand the recommendations to include additional radiopharmaceuticals.

   (4) Make recommendations for post-therapy care and home precautions for pediatric therapy patients and children of adult therapy patients.

   (5) Continue discussions with EANM about reconciliation of North American dose consensus and EANM Paediatric Dose Card.

   (6) Discuss additional dose reduction parameters including: CT dose, resolution recovery, and standardization of acquisition protocols.

   (7) Facilitate SNMMI membership and SNMMI Technologist Section membership in the Image Gently program of the Alliance for Radiation Safety in Pediatric Imaging to publicize optimal practice of pediatric nuclear medicine, including the recommendations of the Dose Reduction Workgroup.

   (8) Provide mentorship and specific project objectives for the new PIC intern, Dr. Neha Kwatra.

   (9) Continue the annual Majd-Gilday Young Investigator Award (a monetary award for the best scientific presentation by a junior presenter).

   (10) Develop criteria for the Conway-Treves Senior Investigator Award.

   (11) Explore possible collaboration with the SNMMI Technologist Section to organize an educational program at the SNMMI Mid-Winter Meeting in 2015.

   (12) Continue preparation of a Pediatric Imaging Council newsletter to be published on the pediatric nuclear medicine website and distributed by e-mail to the members. This will publicize Pediatric Imaging Council educational and other activities, as well as relevant activities of other organizations.

   (13) Contribute to and participate in the SNMMI goal of Lifelong Learning with development of a separate pediatric module for the maintenance of
certification (MOC), in addition to pediatric materials to be included in other modules (Renal & GI). Drs. Parisi and Nadel have agreed to lead this effort

(14) Expand and optimize utilization of the SNMMI PIC website

b. Long-Term Goals and Opportunities

(1) Expand the activities of the Pediatric Dose Reduction Workgroup into dose reduction in hybrid imaging, particularly CT doses

(2) Continue collaboration with the Image Gently program of the Alliance for Radiation Safety in Pediatric Imaging to publicize methods of dose reduction

(3) Develop, maintain and update materials for a module for pediatric maintenance of certification (MOC)

(4) Develop initiatives to increase NM technologist membership and encourage greater technologist participation in educational activities

(5) Maintain a Pediatric Imaging Council web-based newsletter

(6) Expand and optimize utilization of the SNMMI PIC website

3. Financial Plan/Budget

Council budget consists of the following items:

a. Annual SNMMI administration fee - $300

b. Continue the annual award for best pediatric nuclear medicine abstract submitted by a resident, fellow, technologist, or individual within five years of completion of training (Majd-Gilday Pediatric Young investigator Award). - $500

c. Presentation of an annual award (Conway-Treves Senior investigator Award) for the best pediatric nuclear medicine abstract /paper presentation submitted by an established individual beyond five years of completion of training. - (non-monetary award; certificate only)

d. Breakfast for the annual Board Meeting. - $300

e. Lunch for the annual Business Meeting. - $1200.

f. Travel reimbursement for new Pediatric Imaging Council intern to attend the 2014 SNMMI Mid-Winter meeting and Annual Meeting - $1500

g. Pediatric Imaging Council Conference Calls – (no costs anticipated)
A detailed FY2013-2014 proposed budget is attached.