1. Executive Summary

The Pediatric Imaging Council (PIC) continues to be actively involved in the Image Gently campaign and the development of pediatric consensus guidelines for nuclear medicine procedures. These activities contribute to the SNMMI Strategic Plan Goal D, by advancing and promoting quality, value and safety of molecular imaging and nuclear medicine.

The PIC develops educational activities for both the Annual and Mid-Winter Meetings focused on pediatric nuclear medicine and dose reduction topics. The PIC is actively involved in efforts within the SNMMI to educate physicians and technologists on current pediatric imaging techniques and practical dose reduction measures.

2. Mission

The mission of the Pediatric Imaging Council is to:

- Provide a forum for members to exchange ideas, concepts, techniques and practices related to pediatric nuclear medicine
- Provide expertise in pediatric nuclear medicine to the SNMMI membership
- Foster research and education in pediatric nuclear medicine
- Provide outreach to other professionals and organizations
- Encourage SNMMI membership and Pediatric Imaging Council membership in the pediatric nuclear medicine community
- Serve as a resource to the SNMMI leadership

3. Leadership

**Officers**

- **President:** Ruth Lim, MD  
  Term: 2015 - 2017
- **Vice President:** Victor Seghers, MD, PhD  
  Term: 2015 - 2017
- **Secretary/Treasurer:** Steve Y. Cho, MD  
  Term: 2015 - 2017
- **Immediate Past-President:** Frederick D. Grant, MD  
  Term: 2015 - 2017

**Board Members**

- Zvi Bar-Sever, MD  
  Term: 2016 - 2018
- Michael R. Czachowski, MBA  
  Term: 2017 – 2019
- Neha Kwatra, MD  
  Term: 2016 - 2018
- Michael K. Schultz, PhD  
  Term: 2017 - 2019
- Larry A. Binkovitz, MD, MA  
  Term: Non-Voting Member
- Martin Charron, MD  
  Term: Non-Voting Member
- Michael J. Gelfand, MD  
  Term: Non-Voting Member
- Massoud Majd, MD  
  Term: Non-Voting Member
- Helen R. Nadel, MD  
  Term: Non-Voting Member
- Marguerite T. Parisi, MD, MS, Ed  
  Term: Non-Voting Member
- Barry L. Shulkin, MD, MBA  
  Term: Non-Voting Member
- Lisa J. States, MD  
  Term: Non-Voting Member
- Ted Treves, MD  
  Term: Non-Voting Member

**Intern**

- Matthew S. Robertson, MD  
  Term: 2017-2019
4) **Current Status**

A. **Financial**
   As of April 20, 2017, the PIC has a total revenue of $6,484 and expenses of $2385. This includes $2720 in member dues and a carryover of $3,264 from 2016. Revenue is generated through annual membership dues, which are $20.00 per member. The Council will be funding an intern for the 2017-2019 term.

B. **Membership**
   As of May 2017, the PIC has 137 members which includes 92 physicians and scientists, and 33 technologists.

C. **Member Benefits**
   - Pediatric NM list serve. Semi-annual Pediatric Imaging Council newsletter
   - Annual Pediatric Imaging Council business meeting
   - Participation in SNMMI continuing medical education activities and categorical courses
   - Access to SNMMI Pediatric Imaging Council website with updates related to ongoing Council activities
   - Updates on dose reduction efforts in pediatric nuclear medicine (including PET/CT and SPECT/CT)

5) **Accomplishments for 2016-2017**
   - Prepared and published consensus guidelines for pediatric nuclear medicine imaging studies in conjunction with the Pediatric NM Dose Reduction Workgroup
   - Participated in a marketing campaign to inform physicians and technologists of the consensus guidelines for pediatric nuclear medicine imaging studies
   - Expanded distribution of the new guidelines for pediatric administered radiopharmaceuticals, online and at professional meetings.
   - Maintained an acceptable number of abstracts related to pediatric nuclear medicine for presentation at the SNMMI annual meeting
   - The Conway-Treves Award was presented to Dr. Fred Fahey during the 2017 SNMMI Annual meeting in Denver, CO
   - Sponsored the following PIC educational offerings during the 2017 SNMMI Mid-Winter Meeting in San Phoenix, AZ:
     - Dose Estimation and Optimization in Pediatric Nuclear Medicine (co-sponsored with CaIC)
     - Monitoring Tumoral Response (co-sponsored with PET CoE and CIC)
     - Best Practices in Imaging Pediatric Musculoskeletal Trauma (co-sponsored with YPC)
     - Role of PET/MR in Cancer and Non-Oncologic Application (co-sponsored with CaIC)
   - Sponsored the following PIC educational offerings during the 2017 SNMMI Annual Meeting in Denver, CO:
     - Radiation Dose Optimization in Pediatric Nuclear Medicine (co-sponsored with CaIC)
     - Pediatric Sports Medicine (co-sponsored with CIC)
     - Read with the Experts in Pediatrics
     - PET MR in Pediatrics: Emerging Role and Potential Applications (co-sponsored with PET CoE)
• Presented the Majd-Gilday Young Investigator Award to Jingjing Zhang, MD, PhD at the 2017 SNMMI Annual Meeting in Denver, CO

• Outreach activities:
  • Pediatric Imaging Council leadership continues to collaborate with the Nuclear Medicine Committee of the Society for Pediatric Radiology
  • Pediatric Imaging Council members have participated in the ACR Appropriateness Criteria and Procedural Guidelines Committees
  • 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
  • Worked with SPR on the www.imagegently.org website to help nuclear medicine physicians and technologists with dose optimization for pediatric patients.

6) **Goals and Programs for 2017-2018**

The PIC contributes to the SNMMI Strategic Plan Goal A: SNMMI members are known for high-quality, value-driven performance and delivery of patient-centered nuclear medicine practice, Goal E: Patients and the medical community recognize the value of nuclear medicine, molecular imaging and radionuclide therapy.

1. Expand and optimize utilization of the SNMMI PIC website
2. Further refine the consensus guidelines for pediatric nuclear medicine as part of the Image Gently dose reduction initiative
   a. Expand the consensus guidelines to include recommendations for additional radiopharmaceuticals
   b. Assess effectiveness of initial dose recommendations and consider possible modifications of some existing dose recommendations
   c. Continue to encourage international participation with consensus development, especially with the EANM Pediatric Dose Card
   d. Produce pediatric-specific CT protocol recommendations for hybrid imaging
3. Publicize optimal practice of pediatric nuclear medicine, including the recommendations of the Dose Reduction Workgroup
4. Provide more educational materials for the Image Gently campaign
5. Continue collaboration with the Image Gently program of the Alliance for Radiation Safety in Pediatric Imaging to promote methods of dose reduction
6. Encourage SNMMI membership and SNMMI Technologist Section membership to participate in the Image Gently program of the Alliance for Radiation Safety in Pediatric Imaging
7. Make recommendations for post-therapy care and home precautions for pediatric therapy patients and children of adult therapy patients
8. Participate in American College of Radiology Procedure Guideline review
9. Continue to sponsor Pediatric-related educational sessions at the SNMMI Annual meetings
10. Continue presentation of the Majd-Gilday Young Investigator Award annually and the Conway-Treves Senior Investigator Award every other year at the Annual meeting
11. Continue preparation of a Pediatric Imaging Council newsletter
12. Develop, maintain, and update materials for a pediatric module for maintenance of certification (MOC), as part of the SNMMI goal of Lifelong Learning; also provide pediatric materials for other MOC modules (Renal & GI)

7) **Budget and Resource Requirements**

   a. **Summary of Financial Needs**
      The attached budget summarizes the total resources needed to accomplish all of the goals set forth in the business plan.

   b. **Resource Requirements**
      No additional staff, materials, technology, or marketing support is required beyond the usual support provided by SNMMI headquarters.