Hello Pediatric Nuclear Medicine Community!

2020 was quite a year as the global COVID-19 pandemic had a rapid and unprecedented impact upon global health and healthcare operations. There was also renewed focus on the importance of diversity and culture and how implicit bias as well as education, poverty and other social determinants of health contribute to health care disparities among racial groups, most acutely the coronavirus death rate and access to SARS-CoV-2 testing and treatment.

What does this mean for us in the Pediatric Imaging Council (PIC)? It means that we need to pause and celebrate the diversity of our patients and co-workers. Ensuring that we truly listen to others helps us better understand their perspective and concerns, allows them to feel heard and valued, and leads to a better professional environment and improved patient outcomes. It enables us to grow as pediatric caregivers as well, and ensure that we offer everyone the highest level of quality, attention, and respect – regardless of who they are, what they look like, or what language they speak. I am grateful for the opportunity to work in such a culturally competent organization.

Unfortunately our 2021 SNMMI MidWinter and Annual Meetings will be virtual, and we will have to adapt – again – to new ways of sharing ideas and building relationships. However, the fact that we are meeting demonstrates the strength and resiliency of the SNMMI and the PIC. I cannot express enough my gratitude for everyone’s effort on the PIC Board over the past year. While challenging and stressful, the journey has broadened my awareness and appreciation for the remarkable contributions we have made individually and as a team.

Here’s to a great MidWinter meeting!
Victor Seghers
On Saturday, January 30, 2:15–3:45 pm ET: Updates on Radionuclide Therapies in Pediatrics: Current Status and Novel Applications
Sponsored by the SNMMI Therapy Center of Excellence and the SNMMI Pediatric Imaging Council
Organizers: Neeta Pandit-Taskar, MD; Victor Seghers, MD, PhD; Steve Y. Cho, MD
Moderators: Neeta Pandit-Taskar, MD; Victor Seghers, MD

Session Description
This session will provide an overview of the status of MIBG therapy and explore the role of PRRT in pediatric patients. Clinical experience and trials data will be reviewed. Novel radionuclide therapy approaches, and techniques will be discussed.

Session Objectives
1. Examine the clinical indication, use and administration of MIBG therapy
2. Discuss the role of PRRT in neuroblastoma
3. Recognize novel targeting agents for treatment of pediatric tumors

Presentations Include:
• The Role of PRRT in NB
  Jennifer E. Gaines, MD
• Thyroid Cancer – ATA Guidelines and Case Discussion
  Adina L. Alazraki, MD
• Novel Agents and Approaches for Treating Pediatric Tumors
  Neeta Pandit-Taskar, MD
• MIBG Therapies in NB
  Susan E. Sharp, MD
**On Sunday January 31, 2021 6 pm - 7:30 pm EST:** Pediatric Nuclear Medicine Applications: Common to Obscure  
*Sponsored by the SNMMI Pediatric Imaging Council*

**Organizers:** Victor Seghers, MD, PhD  
**Moderators:** Victor Seghers, MD, PhD; Reza Vali, MD

**Session Description**
This session will cover basic clinical pediatric nuclear medicine techniques in the areas of GU-Cystography, GI, and Epilepsy. It will also cover more obscure clinical examinations such as Lymphangiography and CSF-scintigraphy. The intended audience is general nuclear medicine physicians and technologists who are interested in or perform some pediatric cases. This course supports general “Nuts and Bolts” themes and are targeted for typical attendees of Mid-Winter Meetings.

**Session Objectives**
1. Discuss common pediatric nuclear medicine applications  
2. Gain insight into less common nuclear medicine applications  
3. Learn about best practices (technique, imaging protocol, radiation dose) of various pediatric nuclear medicine exams

**Presentations include:**
- Pediatric GU Cystography  
  *Tejal Mody, MD*  
- Pediatric GI Applications in Nuclear Medicine  
  *Zvi Bar-Sever, MD*  
- Pediatric Epilepsy: Interesting Cases  
  *Neha Kwatra, MD*  
- Pediatric Lymphangiography  
  *Marguerite T. Parisi, MD, MS Ed*  
- Pediatric CSF-Scintigraphy  
  *Hedieh Khalatbari, MD*
**SNMMI Presidential Distinguished Educator Award:** This award recognizes the SNMMI members who have demonstrated outstanding service and dedication to the field of nuclear medicine through their educational efforts.

**Notable members**

Katherine Zukotynski  
**BS, MD, FRCPC, PhD, PEng**

Dr. Zukotynski received a Distinguished Educator Award at the SNMMI Annual Meeting in 2020, in recognition of her dedication to continuing education, scientific programming and leadership. She is an Associate Professor in the Departments of Medicine and Radiology at McMaster University, with Board certifications in Radiology and Nuclear Medicine in both Canada and the USA. Over the years, she has served the SNMMI in many capacities, most recently as the Society’s Treasurer and Secretary, President of the PET Center of Excellence and President of the Eastern Great Lakes Chapter. She has tried to build bridges between groups within the SNMMI as well as with other societies. Further, she has promoted pediatric imaging through collaboration whenever possible. For example, she included pediatric imaging in programs developed for the Radiologic Society of North America (RSNA), both when she organized the joint SNMMI-RSNA PET/CT Case based workshop and now as Chair of the Nuclear Medicine and Molecular Imaging track for Annual Meeting Program Planning Committee. She also tried to include pediatric nuclear medicine in her work with the American Roentgen Ray Society (ARRS) when she was Chair of the Nuclear Medicine Instructional Courses.

**PIC intern:**

Justin Brown, PhD is our intern for the 2019-2021 term. His main project is the creation of an expandable web tool to allow the user to scale administered activity of the simulated scan, so the user may see the image quality as a function of administered activity.

In addition, Dr Brown co-authored two papers with Drs Treves and Fahey.
- Dosimetric Considerations of 99mTC-MDP uptake within the epiphyseal plates of long bones of pediatric patients
- Body morphometry appropriate computational phantoms for dose and risk optimization in pediatric renal imaging with 99mTC-DMSA and 99mTC-99m-MAG3

**Recent publications initiated by PIC members include:**
- Published Joint SNMMI/EANM Pediatric FDG PET/CT for Oncology Procedure Standard in the January issue of JNM.
- A current work in progress is the updating of the Joint SNMMI/EANM Pediatric DMSA Renal Scintigraphy Procedure Standard.
- Contributions to Image Gently Campaign and pediatric nuclear medicine dose optimization continue.
The Committee on History

Committee Changes
• Develop ways to recognize “luminaries” within the field.
• Identify individuals recognize on the “wall of remembrance” displayed at the annual meeting.
• Develop at least one continuing education (CE) session, focused on history for the annual meeting.
• Work with the SNMMI historian and staff to provide necrology reporting to the House of Delegates during the Mid-Winter and Annual Meetings.
• Work with SNMMI staff to develop and update history section of the SNMMI website.
• Preserve and review historical information given to the SNMMI from individuals within the field.

Congratulations to Frederick D Grant MD is his new position as Chairperson of the Committee on History. We thank the outgoing chairperson Fred Fahey. Both are dedicated members of PIC.

Past Presidents of PIC
The PIC would like to thank the past presidents who have served the council over the past years. These past presidents helped to shape the direction of the council by providing strategic direction and insight. The responsibility of being a council president is extraordinary and we are thankful that so many great individuals have been able to lead our council to where it is today. Thank you all for your service as president!

Ruth Lim, MD - 2017 - 2019
Fredrick Grant, MD – 2015-2017
Susan Sharp, MD – 2003-2015
Stephanie Spottswood, MD, MSPH – 2011-2013
Larry A. Binkovitz, MD, MA – 2009-2011
Michael J. Gelfand, MD – 2009-2007
Marguerite T. Parisi, MD – 2004-2007
Barry L. Shulkin, MD, MBA – 2002-2004
Martin Charron, MD – 2000-2002
Helen R. Nadel, MD – 1998-2000
**Majd-Gilday Young Investigator Award Publications:** The PIC Majd-Gilday YIA award was developed to recognize 2 pioneers in the pediatric imaging field who have made enormous scientific contributions to our subspecialty of pediatric nuclear medicine: Dr. Massoud Majd and Dr. David Gilday. The award will be given to young scientists for outstanding research contributions to the field of pediatric nuclear medicine.

The past two recipients include **Thomas Ng, MD** (who received it in 2020) and **Jeffrey Schmall, PhD** (who received it in 2018). Below are their publications of the award winning abstract to pediatric nuclear medicine!


**Pediatric Solid Gastric Emptying Scintigraphy: Normative Value Guidelines and Nonstandard Meal Alternatives**

Thomas S C Ng, Niharika Putta, Neha S Kwatra, Laura A Drubach, Rachel Rosen, Frederic H Fahey, Alejandro Flores, Samuel Nurko, Stephan D Voss.


**Investigating Low-Dose Image Quality in Whole-Body Pediatric 18 F-FDG Scans Using Time-of-Flight PET/MRI**

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<td>Lisa J. States, MD</td>
<td>Council Vice President</td>
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<td>Reza Vali, MD</td>
<td>Council Secretary/Treasurer</td>
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<td>Ruth Lim, MD</td>
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