

## Fall 2017

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### President's Message



Molecular imaging of the brain represents one of the most strongly developing fields of Nuclear Medicine in the recent years. It is the aim of the SNMMI BIC Board of Directors (BOD) to further promote the implementation of established and novel tools for nuclear neuroimaging in clinical routine and for research purposes. In this newsletter you can find an overview on recent and future activities of the SNMMI BIC Board of Directors (BOD). Please do not hesitate to contact the BIC BOD any time with suggestions suited to contribute to our mission

Alexander Drzezga, MD  
President, Brain Imaging Council

### 2017 Annual Meeting BIC-Sponsored Sessions and Events

The Brain Imaging Council (BIC) was pleased to sponsor the following categorical session and continuing education sessions at the June 2017 SNMMI Annual Meeting in Denver, Colorado. All of the sessions were well attended.

#### **BIC Categorical Session:**

- Molecular Imaging in Neuropsychiatric Disorders and Neurodegenerative Diseases

#### **BIC Educational Sessions:**

- Nuclear Neuroimaging in Clinical Practice
- Modern Brain Tumor Imaging
- Advances in Tau Imaging
- Read with the Experts: Molecular Brain Imaging of Dementia
- Clinical Amyloid Imaging: IDEAS Study Update
- Read with the Experts: Dopamine Transporter Imaging
- Standardization of Amyloid PET Biomarker Imaging

## 2017 Kuhl-Lassen Award



The highest award of SNMMI's Brain Imaging Council was created to honor two founding pioneers in functional brain imaging: SNMMI member David E. Kuhl, M.D., and Nils Lassen. The Kuhl-Lassen Award is given annually to recognize a scientist who has made outstanding contributions and whose research in and service to the discipline of functional brain imaging is of the highest caliber.

The 2017 Kuhl-Lassen Award Winner is Karl Herholz, MD. Congratulations Dr. Herholz!

Jan Booij, MD, (left) presents the award to Karl Herholz, MD.

## 2017 BIC Young Investigator Awards

The BIC YIAs are reserved for the best scientific abstracts on neurosciences nuclear medicine by young investigators. These awards were presented during the 2017 SNMMI Annual Meeting. Learn more about the BIC YIAs [HERE](#)

Congratulations to the following YIA winners pictured below with Jan Booij, MD, BIC Immediate Past President

### **1st Place:**

Jenny Ceccarini



### **2nd Place**

Hui Liu



### **3rd Place:**

Cristina E. Popescu  
(no photo available)

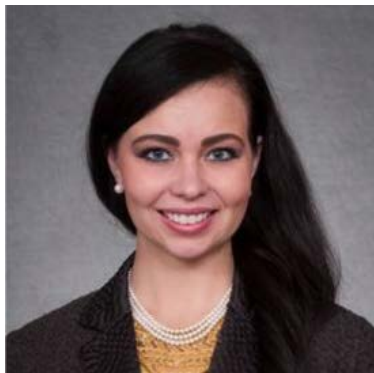
## Newly Elected BIC Board Members

Congratulations to our newly elected BIC Board Members!

- Victor Villemagne, MD - Vice President-elect
- Karina Mosci, MD – Secretary, Re-elected
- Ming-Kai Chen, M.D., Ph.D. – Board Member
- Dean Foster Wong - Board Member – Board Member
- Phillip H. Kuo, MD, Ph.D - Board Member – Board Member
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The BIC BOD always welcomes new BIC members. A BIC membership offers a number of interesting possibilities to co-determine the future of nuclear brain imaging, and for self-education. We are convinced that a strong and networked brain imaging community is imperative to further advance our field. Feel free to motivate your nuclear brain imaging coworkers, or collaboration partners, to consider joining our endeavor! Please visit the [Brain Imaging Council](#) website for more information and to join

## 2017-2019 BIC Intern



The SNMMI Internship Program was established in 2008 with the aim “To identify and train future leaders of SNMMI in the structure, governance, and operations of the organization; to prepare individuals for progressive levels of responsibility; to ensure effective leadership that advances the mission and goals of the organization”.

The 2017-2019 BIC Intern is Kristina E Hoque, MS MD PhD. Dr. Hoque is a Nuclear Radiologist, continuously motivated by the mantra to explore, discover, integrate and practice.

As a physician scientist, integrated MD/PhD training helped build a foundation to explore translational research efforts, using a full and intricate understanding of the research process, and the developed ability to understand, discuss and teach new emerging concepts. Dr. Hoque’s dissertation in Neuroscience focused on the regulation of Nitric Oxide Synthase in the dorsal and ventral striatum, exploring the neurochemical role of nitric oxide producing interneurons, and their ability to coordinate dopaminergic and glutamatergic signaling in areas of the brain relevant to cognition and motivated behavior. Her dissertation work broadened her understanding of all levels of neuroscience: from the most basic molecular interactions, to cellular networks and coordinated behavior.

Eager to expand her passion into the field of Medical Radiation Physics, she also completed a separate Masters degree in Medical Radiation Physics. This provided her with in depth training of how therapeutic and diagnostic instruments use both ionizing and non-ionizing radiation in the clinical setting. This type of training is critical to developing a new perspective on the evolution of medical imaging and use of ionizing and nonionizing radiation in the therapeutic setting.

She then completed her Medical Doctorate at the University of Southern California (USC), learning the art of medicine while serving the diverse population at Los Angeles County Hospital. Dr. Hoque has held multiple local and national leadership positions during her residency, including positions in the American College of Radiology (ACR).

Dr. Hoque is an editorial board member of the Journal of the American College of Radiology (JACR), and has served as a guest section editor for the Journal of Applied Clinical Medical Physics (JACMP) and a reviewer for the American Journal of Roentgenology (AJR). She has served as the Vice-Chair for Education for the Nuclear Medicine Resident Organization of the ACNM, and the Educational Liaison for the Resident and Fellow Section of the ACR. She currently serves on the ACR Council Steering Committee, ACR Commission on Nuclear Medicine and ACR Commission on Women and Diversity.

Dr. Hoque completed clinical fellowship requirements in Nuclear Medicine at USC, and is now Board Certified by the American Board of Nuclear Medicine. She also recently completed a Neuroradiology fellowship at USC.

Dr. Hoque is committed to continually exploring the beautiful applications of ionizing and non-ionizing radiation to image and treat the human body.

## 2017-2018 Brain Imaging Council

### Board of Directors

<a href="#">Alexander E. Drzezga, MD</a>	Council President
<a href="#">Dana Mathews, MD, PhD</a>	Council Vice President
<a href="#">Victor Villemagne, MD</a>	Council Vice President-Elect
<a href="#">Karina Mosci, MD</a>	Council Secretary
<a href="#">Javier Arbizu, MD, PhD</a>	Council Treasurer
<a href="#">Jan Booij, MD</a>	Council Immediate Past President
<a href="#">Ming-Kai Chen, MD, PhD</a>	Council Board of Directors
<a href="#">Donna J. Cross, PhD</a>	Council Board of Directors
<a href="#">Kazunari Ishii, MD, PhD</a>	Council Board of Directors
<a href="#">Phillip Kuo, MD, PhD</a>	Council Board of Directors
<a href="#">Dean F. Wong, MD, PhD</a>	Council Board of Directors
<a href="#">Satoshi Minoshima, MD, PhD</a>	Board Liaison
<a href="#">Kristina E. Hogue, MS, MD, PhD</a>	Intern

### **Save the Date**

The 2018 Mid-Winter Meeting  
Hilton Orlando Lake Buena Vista in Orlando, FL  
January 25-28

The 2018 Annual Meeting  
Philadelphia, PA  
June 23-27

Please visit the BIC [website](#) for more information on the council and upcoming events!