

Brain Imaging Council FY22 Business Plan – June 2021 Value Initiative 2.0

The Brain Imaging Council (BIC) provides exceptional programs and educational activities at the Annual SNMMI meeting every year. This result has been achieved via interest in the use and expansion of amyloid, tau and dopamine transporter imaging as diagnostic tools and biomarkers, especially in dementia and other neurodegenerative diseases, as well as a continued interest in FDG PET.

SNMMI Value Initiative 2.0 – Engagement of Councils and Centers of Excellence

In 2018, SNMMI launched its Value Initiative – a comprehensive strategic plan to advance the crucial role of nuclear medicine and molecular imaging in patient care and science and discovery. The next step will become SNMMI's Value Initiative 2.0. As part of Value Initiative 2.0 SNMMI will continue to adjust our organization to the changing health care environment. Value Initiative 2.0 will also engage as many SNMMI members as possible through the work of various committees, working groups, SNMMI councils and centers of excellences and the SNMMI chapters.

As part of this inward focusing effort, councils and centers of excellence will be participating in Domain conference calls and working directly with the chairs from the six (6) domains to address the opportunities and develop strategies to meet them.

As a council, the Brain Imaging Council will be mainly involved in the following domains; Research and Discovery, Quality of Practice, Workforce Pipeline and Outreach. However, the council may be asked to or request to be involved in other domains as issues or opportunities arise.

Goals and Programs for FY2022

The plan for 2021-2022 is aimed at pursuing new areas such as synaptic vesicle imaging and new neuroinflammatory markers while consolidating this trend through appropriate educational activities.

1. Continue to advocate for the use of PET in the management of patients with dementia, including improved information on this topic on the BIC website, as well as improved patient information on the SNMMI CMIIT website.
2. Participate in Brain Imaging Outreach Group and the SNMMI/ACR PET/MR Credentialing Task Force.
3. Continue to distribute information to members via email, social media, newsletters, and the BIC website.
4. The BIC will continue to co-sponsor educational sessions at both the 2022 SNMMI Mid-Winter and Annual meetings.
5. The BIC will submit session proposals for the 2022 SNMMI Annual meeting covering clinical applications and updates on research developments especially with regard to molecular imaging, consistent with SNMMI's strategic MI initiative.
6. Encourage the use of quantitative brain FDG PET analysis in research and clinical practice by providing information on how to access software and normal studies for database construction.
7. Increase BIC members by promotion of the benefits of membership to the SNMMI community including an investigation of the website as a tool to provide free CME to council members.
8. Continue to advocate for FDA approval of F18-FDG use in dementia.
9. Explore possibilities for collaboration with the SNMMI clinical trials network and pharmaceutical companies to facilitate the use of FDG and amyloid tracers as biomarkers for early diagnosis and

clinical trials of Alzheimer's disease even before onset of dementia.

10. Expand advocacy and education efforts for neuroimaging to referring clinicians.
11. Develop and maintain SNMMI practice guidelines in the field of neuroimaging.
12. Continue to support an intern to work on projects related to brain imaging for a two-year term.
13. Offer free in-training membership to in-training residents, in training associate scientists and in-training technologists.
14. Promote the Brain Imaging Council's activities on social media platforms including Facebook and Twitter.

Proposed FY22 Budget and Resource Requirements

1. Summary of Financial Needs

The attached budget summarizes the total resources needed to accomplish all of the goals set forth in the business plan.

2. Resource Requirements

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

Brain Imaging Council Background Overview

1. Mission of the Council

The BIC exists to educate, develop and advance clinical and research applications of nuclear brain imaging. This is achieved through organizing research symposia, sponsoring educational courses, supporting the Society in developing policy positions for brain imaging applications, training, and fostering connections among Council members and resources for meeting educational, clinical, and research needs for successful brain imaging. The BIC seeks to benefit a range of nuclear medicine professionals from nuclear medicine specialists in hospital or the private practice of nuclear medicine, nuclear medicine technologists, and investigators with interest in the research and clinical application of brain. The overall mission of the Brain Imaging Council is to:

- a. provide a forum for members with similar interests
- b. provide to membership expertise in brain imaging using radiopharmaceuticals
- c. foster research and education in brain imaging using radiopharmaceuticals
- d. provide outreach to other professionals and organizations
- e. nurture new membership into the Society
- f. serve as a resource to SNMMI Leadership

3. Council Leadership

The following represent the executive leadership of the Brain Imaging Council.

Officers

President: Javier Arbizu, MD, PhD
Vice-President: Donna Cross, PhD
Vice-President Elect: Ciprian Catana, MD, PhD
Secretary: Shadi Esfahani, MD, PhD
Treasurer: Ming-Kai Chen, MD, PhD
Immediate Past President: Dean Wong, MD, PhD

Term

June 2021-June 2022
 June 2021-June 2022
 June 2021-June 2022
 June 2021-June 2023
 July 2020 – June 2022
 June 2021-June 2022

Board Members

*Richard Wahl, MD, FACNM
 Sonja Park, MD
 Tanyaluck Thientunyakit, MD, FANMB
 Mehdi Djekidel, MD
 James Robert Brašić, MD, MPH
 Ansel T. Hillmer, PhD

Term

June 2019 – June 2022
 July 2020 – June 2022
 July 2020 – June 2022
 June 2021-June 2022
 June 2021-June 2023
 June 2021 – June 2023

Intern

Saeed Elojeimy, MD, PhD (*Non-voting*)

Term

June 2021 – June 2023

4. Current Status

A. Financial

As of June 1, 2021, the BIC has a total revenue of \$24,073. This includes \$4,073 in member dues and a carryover of \$20,000 from FY2021. Total projected expenses in FY2021 are \$1,404. Revenue is generated through annual membership dues, which are \$15.00 per member.

B. Membership

As of July 1, 2021, the BIC has 270 members which includes 237 physicians and scientists, and 33 technologists. There are also 644 In-Training members affiliated with the BIC. The BIC membership history for the past few years is listed below:

BIC Membership History

2020 = 351
 2019 = 360
 2018 = 366
 2017 = 325

C. Member Benefits

- Continuing education for professionals in the various areas relating to brain imaging through sponsored symposia and continuing education courses, including a “read with the experts” session
- A forum and a mechanism for discussion and dissemination of information relating to the brain imaging
- Periodic newsletters and electronic mailings containing information on professional activities, government issues, and a host of other topics related to brain imaging
- Access to BIC webpages, which will contain information relating to a variety of relevant topics in brain imaging
- Provides expertise in brain imaging to SNMMI leadership and to groups outside of SNMMI. Representation in a number of governance groups within SNMMI, including the Committee on Councils and the House of Delegates.

5. Accomplishments for FY2021

- The primary activity of the BIC has been development of CE sessions at the SNMMI’s Mid-Winter and Annual Meetings. The BIC sponsored the following categorical session and CE sessions at the 2021 SNMMI Annual meeting:
- The BIC has been working on appropriate use criteria for amyloid PET for the development of an amyloid PET guideline, as well as for promoting the IDEAS study. Education continues for proper utilization of FDG/PET, amyloid PET and dopamine transporter imaging.
- Continued maintenance of the neuro PET and SPECT practice guidelines.
- Support for Young Investigators in the form of a BIC sponsored Young Investigators’ scientific session at the annual meeting, with monetary award and recognition of nascent investigators.
- BIC Intern program. The BIC supports an intern to work on projects related to brain imaging for a two-year term. Saeed Elojeimy, MD, PhD is the BIC intern for the 2021-2023 term.
- Sponsorship of a downloadable reference perfusion SPECT brain perfusion data for research use by the academic community is under discussion.
- SPECT and PET cases, potentially for CME credit for BIC members to achieve both CME and SAM accreditation.
- Develop a policy and procedures to guarantee de-identification of neuroimaging studies
- Collaboration with the PIDSC on the MJF Data Challenge