

IFMBE ELECTION HEALTH TECHNOLOGY ASSESSMENT DIVISION 2025: FORM FOR NOMINATION OF CANDIDATES

IFMBE Constituent Society	Mongolian Society of Biomedical Engineering
President of the Constituent Society	Myatav BATERDENE
Secretary of the Constituent Society	Ayush YUMCHMAA
e-mail address for contact	bizenkh@must.edu.mn
Society: National or Transnational	National and member of IFBME

Open positions in IFMBE:

- Health Technology Assessment Division Board member (5 positions) (Term of office: 2025 -2028)

Our Society nominates the following members for the open positions within the IFMBE

(Please add rows as needed):

Name of Nominee	Nominated for the Position of:	Current position in IFMBE	Highest position held in the Constituent Society
Biziya ENKHJARGAL	HTAD Board member	Honorary of Life member	Founder and Chairman of MSBME

I confirm that all the nominees listed above are members of our national Society.

Mongolian Society of Biomedical Engineering

14 March, 2025

_____ *Baterdene.M* _____

Signature of National/Transnational Society Secretary

Date

The nominee information form on pages 2-4 should be filled in and signed for each Nominee.

Fully completed Nomination documents should be saved in pdf format and submitted to

Prof. Murilo Contó, IFMBE, HTAD Chair

Email address: murilo.conto@bsci.com

Closing Date for Submission of Nominations: 15th March 2025

Nominee Information Form

Nominated for the position of:	HTAD Board member
Name of Nominee	Biziya Enkhjargal
Constituent Society:	Mongolian Society of Biomedical Engineering

Brief Biography of Nominee (not to exceed 200 words)

Dr. Biziya Enkhjargal is Distinguished Professor of Biomedical Engineering Mongolian University of Science and Technology, Professor, Etugen Medical University. Ulaanbaatar, Mongolia.

She holds a Diploma in Electrical Engineering from the Polytechnical University of Mongolia and the M.Sc. and Ph.D. degrees in Bioelectronics from Mongolian Technical University. After graduating from university, she first worked as a medical physicist-engineer in the Nuclear Diagnostics Department of the First State Hospital. During that time, she attended many IAEA training courses and studied in Hungary, Austria, Italy, Australia, Germany, Japan, England, and France to improve his skills. In 1997, she participated in the WC-1997 conference in Nice, France, as a poster presentation, and in 1998, she worked in the Nuclear Medicine Dept. and Biomedical Dept. at the Central Hospital in Sacramento, California, USA, with funding from the IAEA.

Also, she is very actively involved in IFBME membership activities.

She attended International Advisory Committee, World congress Biomedical Engineering and Medical physics - may-2012 in Beijing, China. Also, She was several conference chair and co-chair. For example: 9th IFMBE Asian Pacific Conference on Medical and Biological Engineering, Tainan, Taiwan, 1st International Conference on the Development of Biomedical Engineering study in Mongolia. Ulaanbaatar, Mongolia.

Invited Speaker's of conference. ICBHI 2019, ICEHTMC 2015, Springer Link. Launching IFMBE into the 21st Century: 50 Years and Counting. Mongolian Society of Biomedical Engineering. 2014

Nominee's Position Statement (not to exceed 200 words) (do not include CV)

BIZIYA ENKHJARGAL. MONGOLIA

Honorary life member-2022, IFBME

Honorary member, MSBME

Distinguished Professor of Biomedical Engineering Mongolian University of Science and Technology,
Professor, Etugen Medical University. Ulaanbaatar, Mongolia

Mongolian Consulting Engineer of Medical Technique and Technology academy

Founder:

- Biomedical Engineering education in Mongolia (1996)
- Mongolian Society of Biomedical Engineering, MSBME (1999)
- Biomedical engineering dept at the Hospital (First State Central Hospital)
- Health Centre of MUST (For students out patient of Mongolian University of Science and technology)
- Mongolian Medical Technique and Technology academy (2014)

Papers for WC:

- First Ulaanbaatar City Hospital Network Infrastructure and healthcare Technology assessment, PANCE 2014 Pan American Health Care Exchanges, Brasilia, 4/7/2014
- The development of Health technology assessment Ulaanbaatar, 1st Global Conference on Biomedical Engineering & 9th Asian-Pacific. 2015

In she's research, HTA study to address issues facing the healthcare sector. His work was highly praised for its results. So he has experience. Especially for developing countries. The first infrastructure and healthcare technology (HT) assessment has been implemented in Ulaanbaatar. The outputs of the assessment are the main inputs to the capital planning process the Ministry of Health will start implementing in 2014. Since the boom of the Mongolian economy in 2009 there was a need to rationalize the capital investments in health. The capital planning process has been developed to cover the existing gap. Thirty-three healthcare facilities have been surveyed to determine the conditions of their infrastructure, installation, support services and equipment. A new equipment inventory was generated. This first step will allow the Ministry of Health to start monitoring over 5.500 equipment items with a unique identification. 5.939 beds were recorded beds in these 33 healthcare facilities (about 76,2 % of the total number of beds in the UB City in 2010); the average net space per bed per facility was calculated for the first time in Mongolia: 38,58 m² 5.535 pieces of medical equipment (compared to the 3.895 that were counted in a 2005 in the main 58 healthcare facilities of the country) where included in a new inventory that may require a complete review (new inventory) to assess in detail the condition of the existing equipment and the existing gap in terms of technology needs. The evaluation of the space allocation at each hospital showed that the average of m²/bed is 6,32; way below the 8-15 m² /bed proposed in developed countries. It was also determined that 10.9% of the beds are reserved for patients who will pay a fee for the bed meaning that an important share is reserved for non health insurance patient willing to receive a better quality of service.



INTERNATIONAL FEDERATION FOR MEDICAL AND BIOLOGICAL ENGINEERING

Affiliated with the International Union for Physical and Engineering Sciences in Medicine (IUPESM)

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Declaration by Nominee: I agree to have my name placed on the list of nominated candidates for the above-mentioned open position, and if elected, to serve in IFMBE for the specified term.

Nominee's Signature	B. Enkhjargal		
Nominee's Business Address	Mongolian University of Science and Technology Baga toiruu 34, SBD-8 khoroo building 2. Power engineering school. 4 floor Ulaanbaatar, Mongolia		
Nominee's Mobile Phone Number	976 91915920	Email address	bizenkh@ must.edu.mn