



ULTRASOUND NEWS



BANGLADESH INSTITUTE OF ULTRASOUND IN MEDICINE & RESEARCH
UNIVERSITY OF SCIENCE & TECHNOLOGY CHITTAGONG

June 2016

BIUMR & USTC



University of Science & Technology Chittagong Main Campus at Chittagong City



University of Science & Technology Chittagong Postgraduate Campus at Mirpur, Dhaka

University of Science & Technology Chittagong: Located at the picturesque site near Foy's Lake, the USTC has opened up a new horizon for the quality medical, pharmaceutical, business and modern technology education in Bangladesh. The primary objective of establishing USTC is to improve the quality and standard of education in science and technology with special emphasis on medical, pharmaceutical and social science. It also aims at developing human resources at home and in the developing countries with special emphasis on the South Asia.

The University of Science & Technology Chittagong (USTC) was established as a Private University soon after the Private University Act 1992 came into force. National Professor N. Islam was appointed as the President of the USTC by the Chancellor of the University and President of the People's Republic of Bangladesh. On 18 January 2000 the Chancellor of the University appointed National Professor N. Islam as Vice Chancellor of the USTC for four years with retrospective effect from 13 May 1997. National Prof. N. Islam held the post till his death on 24 January 2013.



National Prof. N. Islam with Prof. Hiroki Watanabe-Japan, Prof. Soren Hanke-Denmark and Dr. A. H. Akhand-Bangladesh during First DMUD Examination



In presence of national Prof. N. Islam World Federation for Ultrasound in Medicine and Biology and Bangladesh Society of Ultrasonography signing a contract for WFUMB COE

National Prof. N. Islam: National Prof. N. Islam is the philosopher and architect of the Postgraduate Medical Education in Bangladesh. For long 21 years he was the Director of the Institute of Post Graduate Medicine & Research [IPGMR] and build up the foundation of the postgraduate medical education in Bangladesh. Almost all the subjects are built up with his earnest efforts. He is the founder of the USTC. It is his dream, which came true after years of labours and cooperation from individuals and organizations. Prof. N. Islam took personal interest in developing the art and science of ultrasonography in Bangladesh. Now the BIUMR has become pioneer in ultrasound education throughout the whole world.



Prospectus, Course & Curriculum of the 'Diploma in Medical Ultrasound [DMUD]' course



First DMUD Examination in 2000: Prof. Hiroki Watanabe-Japan and Prof. Soren Hanke-Denmark as external examiners

On January 5, 1996 "The Bangladesh Institute of Ultrasound in Medicine and Research" was established in an Emergency General Meeting of the Bangladesh Society of Ultrasonography. The idea was to conduct high quality courses in diagnostic ultrasound based on the vast experiences of its members. The courses were made with strict requirements to obtain a high educational level, well reputed faculty, good quality teaching aids, well written syllabus and quality control of the courses. The Institute applied to the University of Science & Technology Chittagong [USTC] for affiliation. The USTC Syndicate in its meeting held on 4 January, 1999 considered the Report of the Inspection Team and approved the Institute as a Constituent Body of the University of Science & Technology Chittagong. The Board of Governors of the Institute met in its 1st meeting on 9 May 1999 with National Prof. N. Islam in chair where the decision was taken to start DMUD course from 1 July 1999.



During examinations one of the students is facing a combined board for 'Case Reporting' evaluation



Director of the Institute Prof. Kanu Bala along with DMUD Qualified Students attending 2nd Convocation of USTC

Every year one batch of DMUD course has been completed. The courses are started on 1 July of every year and continue till 30 June of the next year. Students attend the convocations of the USTC and receive diplomas from the President of the People's Republic of Bangladesh, the Chancellor of the University. So far 17 such courses are completed and the 18th course will start from 1 July 2016. DMUD qualified doctors are giving quality ultrasound services throughout the whole country.

INTERNATIONAL GUEST FACULTY OF THE BIFMR

Prof. Barry B. Goldberg: Professor of Radiology of the Thomas Jefferson University, Philadelphia, USA and Past President of World Federation for Ultrasound in Medicine and Biology [WFUMB]. Founder of Jefferson Ultrasound Research and Education Institute.

Prof. Hiroki Watanabe: Professor of the Meiji University of Oriental Medicine, Kyoto, Japan. He is the Past President of WFUMB and Asian Federation of Societies for Ultrasound in Medicine and Biology [AFSUMB]. Inventor of transrectal ultrasound.

Prof. Soren Hancke: Department of Diagnostic Radiology, University Hospital, Herlev, Copenhagen University, Denmark. He is the Past Secretary of the WFUMB and Past President of European Federation. Researcher in pancreatic ultrasound.

Prof. Harald Lutz: Professor of Internal Medicine, Head of the Department of Internal Medicine, Academic Hospital of the University Erlange-Nuremberg, Germany. He is the Past President of the WFUMB. Chairman of WFUMB Education Committee.

Prof. Marvin C. Ziskin: Professor and Director, Center for Biomedical Physics, Temple University School of Medicine, Philadelphia, USA. He is the Past President of the World Federation for Ultrasound in Medicine and Biology. Author and physicist.

Prof. Kittipong Vairojanavong: Ultrasound Division, Department of Obstetrics & Gynecology, Rajabithi Hospital, Bangkok. He is Past President of the AFSUMB Past Vice President of WFUMB. Founder president of Medical Ultrasound Society of Thailand.

Prof. Hassen A. Gharbi: Professor of Radiology, Faculty of Medicine, Tunisia. He is the Past President of WFUMB and Founder President of the Mediterranean and African Society of Ultrasound. Author and researcher in the field of tropical ultrasound.

Prof. Yi-Hong Chou: Chief, Division of Ultrasound, Department of Radiology, Veterans General Hospital-Taipei, National Yang-Ming University-Taiwan. Past President of the AFSUMB. Councilor of the WFUMB.

DMUD Examinations June 2016



DMUD Examination June 2016: Written Examination



DMUD Examination June 2016: Written Examination

Diploma in Medical Ultrasound Diagnosis [DMUD] examinations of the Bangladesh Institute of Ultrasound in Medicine & Research [BIUMR], University of Science & Technology Chittagong [USTC] was held on 1, 2, & 5 June 2016. Written Paper I and Paper II were held on 1 & 2 June, while Oral & Case Reporting was held on 5 June. Students prepared a dissertation on an allotted topic. Students interview patients, do ultrasound examinations, compare the findings with some gold standard, and compile results. All the work is presented in a bound book pattern and submitted for final evaluation.



DMUD Examination June 2016: Oral Examination Board I



DMUD Examination June 2016: Oral Examination Board II

For written examinations, students are allotted 3 hours time for each of the 2 papers. Paper-I is on ultrasound physics, artefacts and alternate imaging modalities. Paper-II is on clinical ultrasonography and some ultrasound problems. Students face 2 boards for oral examinations where the teachers ask questions on various aspects of diagnostic ultrasonography and alternate imaging modalities. At the end of the viva examinations, the members of the 2 boards sit together to evaluate case reports. Students are given 3 cases comprising patients' history, relevant lab findings and ultrasound images. Students have to make diagnosis and to defend their diagnosis in front of the combined board.



DMUD Examination June 2016: Case reporting



DMUD Examination June 2016: Students and Teachers

Students prepare a dissertation on a selected topic allotted by the institute under a guide. The dissertation is evaluated by an examiner and students defend their dissertation at the viva board. Full 200 marks are allotted for dissertation. Students have to pass in all the groups individually. At the end of the examinations one tabulator tabulate the results for final declaration. Tabulated results are sent to the controller of the examinations of the university. It is the duty of the controller of examinations to declare the final results. The result will be published on 25 June 2016. The institute will issue a testimonial to the students. They will join convocation and will get certificates and transcripts.

AFSUMB Congress in Kyoto



Kyoto-Japan: Land of heritage



Kyoto-Japan: Land of culture

Kyoto: During the 8th century, when powerful Buddhist clergy became involved in the affairs of the Imperial government, the Emperor chose to relocate the capital to a region far from the Buddhist influence. Emperor Kammu selected the village of Uda for this honour. The new city, **Heian-kyō** "tranquility and peace capital", became the seat of Japan's imperial court in 794. Kyoto remained Japan's capital until the transfer of the imperial court to Tokyo in 1869 at the time of the Imperial Restoration. The city suffered extensive destruction in the Ōnin War of 1467-1477. In the late 16th century, Toyotomi Hideyoshi reconstructed the city. The Hamaguri rebellion of 1864 burnt down 28,000 houses in the city, and the subsequent move of the Emperor to Tokyo in 1869.



Kyoto-Japan: Land of temples



Kyoto-Japan: Kyoto International Conference Center

There was some consideration by the United States of targeting Kyoto with an atomic bomb at the end of World War II because, as an intellectual center of Japan, it had a population "better able to appreciate the significance of the weapon. In the end, at the insistence of Henry L. Stimson, Secretary of War in the Roosevelt and Truman administrations, the city was removed from the list of targets and replaced by Nagasaki. The city was largely spared from conventional bombing as well, although small-scale air raids did result in casualties. As a result, the Imperial City, of Kyoto is one of the few Japanese cities that still have an abundance of prewar buildings, such as the traditional townhouses known as *machiya*. However, modernization is continually breaking down the traditional Kyoto in favor of newer architecture. Kyoto became a city designated by government ordinance on September 1, 1956. In 1997, Kyoto hosted the conference that resulted in the protocol on greenhouse gas emissions that bears the city's name.

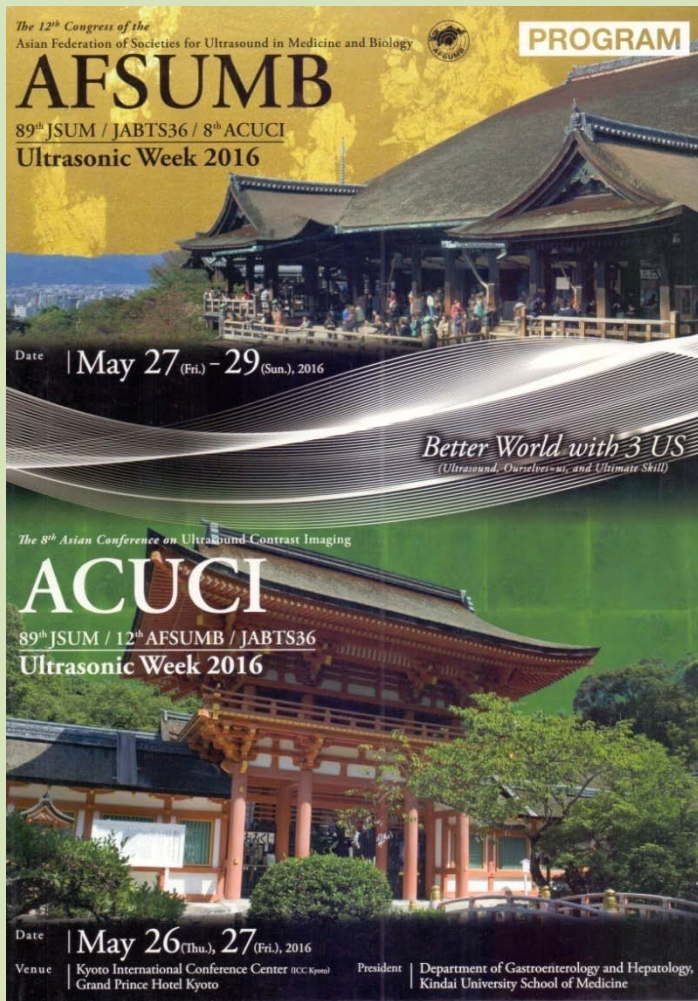


AFSUMB 2016 Kyoto: Dignitaries at the opening session on dais



AFSUMB 2016 Kyoto: Audiences at the opening session

Opening session of the AFSUMB Congress 2016 was held at the Kyoto International Conference Center, Kyoto, Japan on 27 May 2016. The Congress is inaugurated by "Her Imperial Highness Princes Takamado" and addressed by Conference Chairman Prof. Masatashi Kudo, AFSUMB President Prof. Yi-Hong Chou and WFUMB President Prof. Harvey L. Nisenbaum.



Asian Federation of Societies for Ultrasound in Medicine and Biology [AFSUMB] organizes congresses once every 2 years. Any of its affiliated societies takes the responsibility of organizing the congress on behalf of the AFSUMB. This time Japan Society of Ultrasonics in medicine has taken the responsibility of organizing 12th AFSUMB Congress. Asian Conference on Ultrasound Contrast Imaging [ACUCI] and Japan Association of Breast and Thyroid Sonology [JABTS] organizes their Annual Conferences along with AFSUMB Congress. May 26 to May 29, 2016 was the programme time. Venues were Kyoto International Conference Centre and Grand Prince Hotel Kyoto. Prof. Mastoshi Kudo, AFSUMB president Elect and President of the Japan Society of Ultrasonics in Medicine is the Congress Chairman. More than 6,000 participants from home and abroad participated in the congress. 90 world class lecturers shared their experiences as invited speakers. Leaders of AFSUMB and WFUMB were present. Multiple parallel sessions, workshops, seminars, free paper session, poster presentations, etc. were the component parts of the congress. Delegates enjoyed Opening ceremony and 3 formal dinners, lunch sessions and teas. A resourceful trade show was joined by all leading companies in the field of ultrasound and allied business. An eye catchy souvenir was published for the congress. Invited speakers and world leaders resided at the Grand Prince Hotel, which an 8 minute walks from the main conference venue. A number of events were organized at the hotel venue also. The conference secretariat helped the delegates for availing any city tour or to go to any particular places for shopping or sightseeing. Kyoto is a world heritage site and a renowned tourist site. It is a rare opportunity to gain knowledge and enjoy the culture and heritage simultaneously. Delegates and their families spent a few days in Kyoto joyfully.



Session Chairman, Speakers and Audiences after a session



Bangladesh Team with Conference Chairman Prof. M. Kudo



Dr. Kudo, Dr. Bala & Dr. Ahuja with Office Staffs of Dr. Kudo



Cultural Events at the Grand Gala Dinner



WFUMB Leaders and Speakers:

- Harvey L. Nisenbaum-USA: WFUMB President
- Christian Pallson Nolsoe-Denmark: WFUMB President Elect
- Seung Hyup Kim-South Korea: WFUMB Secretary
- Hiroki Watanabe-Japan: WFUMB Past President
- Dieter Nuernberg-Germany: WFUMB Vice President
- Peter N. Burn-Canada: Researcher and Author
- Byung Ihn Choi-Korea: WFUMB Education Committee Chairman
- Cheng Wen Chiang-Taiwan: WFUMB Congress Chairman
- David Cosgrove-UK: Researcher and Author
- Stephanie Wilson-Australia: Researcher and Author



AFSUMB Leaders and Speakers:

- Yi Hong Chou-Taiwan: AFSUMB President
- Masatoshi Kudo-Japan: AFSUMB President Elect
- Kanu Bala-Bangladesh: AFSUMB Vice President
- Jae Young Lee-South Korea: AFSUMB Secretary
- Wilaiporn Bhothisuwan-Thailand: AFSUMB EC Member
- Minhua Chen-China: Researcher and Author
- Won Jae Lee-South Korea: AFSUMB Administrative Council Member
- Kwok Yin Leung-Hong Kong: AFSUMB EC Chairman
- San Kan Lee-Tiwan: Researcher and Author
- Harjanto Sidharta-Indonesia: WFUMB AC Member

AFSUMB Business Meetings



AFSUMB General Assembly comprising of Delegates from all Affiliated Societies and Members of the Administrative Council



Administrative Council is formed at the General Assembly. The New Council met in meeting to formulate activities for next 2 years

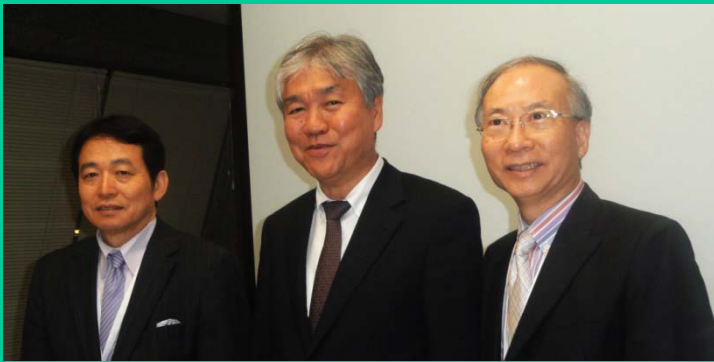
The Old Executive Council met in its last meeting on 27 May 2016 where the details of the activities of AFSUMB for the past 2 years were discussed. The Nominating Committee placed a new committee for approval which would be placed and passed in the General Assembly.



Dr. Lee-Secretary, Dr. Chou-President, Dr. Kudo-President Elect and Dr. Akiyama-Vice President at the last meeting of the Previous Administrative Council of AFSUMB



Dr. Kim-Past President, Dr. Bala-Vice President, and other members of the AFSUMB Administrative Council at the last meeting of the Previous Administrative Council



President Elect-Dr. M. Kudo, Past President-Dr. SH Kim, and President-Dr. YH Chou together in a emotional moment



A sentimental farewell to Dr. SH Kim by Dr. YH Chou. This is the last moment of Dr. Kim at the AFSUMB AC Meeting

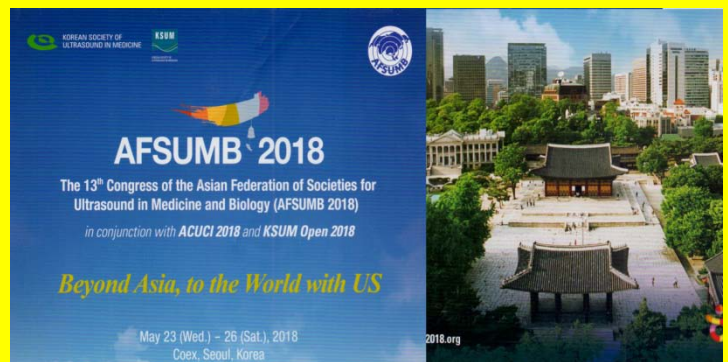
AFSUMB ADMINISTRATIVE COUNCIL 2016-2018

Immediate Past President	Dr. Yi-Hong CHOU (CTSUM)	
President	Dr. Masatoshi KUDO (JSUM)	
President-elect	Dr. Won Jae LEE (KSUM)	
Vice-President 1	Dr. Kanu BALA (BSU)	
Vice-President 2	Dr. Jae Young LEE (KSUM)	
Secretary	Dr. Yung-Liang WAN (CTSUM)	
Treasurer	Dr. Iwaki AKIYAMA (JSUM)	
Councilors	Dr. Yoshiki HIROOKA (JSUM)	Dr. Yu Xin JIANG (SUM/CMA)
	Dr. Jeong Yeon CHO (KSUM)	Dr. TLN PRAVEEN (IFUMB)
	Dr. Wen-Jin CHERNG (CTSUM)	Dr. Wilaiporn BHOTHISUWAN (MUST)
Co-opted councilors	Dr. Sodov SONIN (MSDU)	Dr. Kwok Yin LEUNG (HKSUM)
	Dr. Musarrat HASAN (USP)	Dr. H. SIDHARTA (ISUM)
Representatives	Dr. TP BASKARAN (MSUM)	Dr. Tarith THOU (CSUM)
	Dr. Rodney L. FERNAN (PSUCMI)	Dr. Mukhtar Alam ANSARI (USN)
Journal Editor	Dr. Chiou Li ONG (MUSS)	
Website/Newsletter Editor	Dr. San-Kan LEE (CTSUM)	
AFSUMB Web-site	Dr. Satoshi NAKATANI (JSUM)	
AFSUMB Journal Web-site	www.afsumb.org	
	www.jmu-online.com	

Coming WFUMB & AFSUMB Programmes



WFUMB 2017: The 16th Congress of the World Federation for Ultrasound in Medicine and Biology will be held in the City of Taipei, Taiwan on 13-17 October 2017. Chinese Taipei society of Ultrasound in Medicine will organize the congress on behalf of AFSUMB. World leaders in the field of ultrasound will deliver lectures on latest development in ultrasound. Save the dates and communicate with the conference secretariat at E-mail: wfumb2017@wfumb2017.org . Web-site is www.wfumb2017.org .



AFSUMB 2018: The 13th Congress of the Asian Federation of Societies for Ultrasound in Medicine and Biology will be held on 23-26 May 2018 at the City of Seoul. Korean Society of Ultrasound in Medicine is the host organization. The organizers are cordially inviting all the Asian Societies to participate in the programme. E-mail: afsumb2018@insession.co.kr Web-site: www.afsumb2018.org