

The following is an update of activities at the AIUM as of August 18, 2011.

## • Membership Updates

- Membership has grown by more than 6.5 % over the past 12 months and is now at over 8,961 members as of June 30, 2011.
- Growth is attributed to value-added benefits, multi-faceted marketing approach, emerging use of ultrasound in non-traditional specialty areas, and an increased online presence.
- Two new special interest groups have been established: Ultrasound in Medical Education and Ultrasound in Global Health. Both groups will be provided with meeting time during the 2012 Annual Convention.

## AIUM'S Online Network Expands

- Sound Waves Weekly E-newsletter debuted in July 2010 and continues to have higher than average open and click-through rates as compared to past AIUM emails as well as association industry averages. The newsletter has served to consolidate the number of e-mails sent to members and provides more timely news delivery in a concise format.
- AIUM's professional networking site, [aiumcommunities.org](http://aiumcommunities.org), is home to the 15 AIUM Communities and special interest groups. The number of registered users has grown to over 1600. Over 400 active discussions are currently taking place.
- AIUM maintains an active presence on [Facebook®](https://www.facebook.com/aium) with over 6,300 fans who receive regular AIUM posts in their newsfeed. Virtually free mechanism to engage current and prospective members.
- Additional social presences are maintained on Twitter, RSNA's [RadRounds](http://www.radrounds.com), and YouTube. "About AIUM" Video appears on the AIUM website, YouTube and other related sites, serving as a compliment to marketing efforts and helping visitors get to know the AIUM.
- Podcasts (10 minute teasers) of the 7 new CME video programs are now online.

## • Events and Continuing Medical Education Schedule

*2012 Annual Convention – March 29-April 1, 2012, Phoenix, AZ*

- Abstract submission opened June 7. Submission deadline is September 28, 2011.

*Future Conventions*

- April 6-10, 2013, New York, NY.
- March 29-April 2, 2014, Las Vegas, NV.
- March 21-25, 2015, Orlando, FL (WFUMB)

*Postgraduate Courses* - The following postgraduate courses are being held in 2011:

- July 7-9: Hands-on Diagnostic and Interventional Musculoskeletal U/S in the Upper Limb: State of the Art - sold out
- August 5-6, 2011: Imaging and Management of Thyroid and Parathyroid Disease (hosted by AACE); Lincolnshire, IL
- November 4-5: Gynecologic Ultrasound: A Practical Approach to Problem Solving; Boston, MA

*Webinars* – The AIUM now offers web-based seminars (webinars) on a variety of topics free and exclusive to members. A recorded version of each of the webinars is available for download from the AIUM website. Participants can earn up to 1 CME credit by completing the associated posttest.

- "Bioeffects of Ultrasound: Reviewing Our Knowledge and Perspective" was jointly hosted by AIUM/SDMS and aired June, 2011.
- "Breast Imaging: Where Are We Going in 2011?" aired February, 2011.
- "Ergonomically Correct Scanning Defined" was jointly hosted by AIUM/SDMS and aired September, 2010.



## • Committee/Community of Practice/Liaison News

**Web Education Committee** - We have established a Web Education Committee with representation from various specialties. The committee will meet for the first time in June and will start to work immediately on this important task. Beryl Benacerraf, MD will chair the meeting.

**DICOM Meeting** - Tom Nelson continues to represent AIUM at various DICOM meetings to develop the N-dimensional Presentation State standard.

**SUSME World Congress** - Alfred Abuhamad, MD, Harvey Nisenbaum, MD, and Carmine Valente, PhD, CAE, spoke at the first world congress of the Society of Ultrasound in Medical Education, of which Alfred is also a board member. The congress was inspirational as it brought physicians from around the globe with a special interest in ultrasound and its value in medical education.

### Guideline Updates:

- The genitourinary guideline is being developed in concert with the American Urological Association (AUA).
- Wesley Lee, MD, is chairing the collaborative work group to update the Fetal Echo Guideline.

AFSUMB has 15 member societies of Bangladesh, Cambodia, China, Chinese Taipei, Hong Kong, India, Indonesia, Japan, Korea, Mongolia, Malaysia, Pakistan, Philippine, Singapore, and Thailand, and 16665 members in 2010. The 9<sup>th</sup> AFSUMB congress was held in New Delhi, India, on November 18-21, 2010 successfully. Excellent 4 day scientific programme was formulated, which were consisted workshops, lectures, symposia, free papers and so on. And the educational activities of 7<sup>th</sup> AFSUMB workshop was organized in Indonesia on 5-7 November 2009, and 8<sup>th</sup> AFSUMB workshop was in Ulaanbaator, Mongolia on 5-7 August 2010 in 183 participants. The 9<sup>th</sup> workshop will be held in Bali, Indonesia in 2011. The workshop will be held every year to diffuse the ultrasound knowledge and examination techniques in education. The WFUMB Asian education project 2010 was explained in the councilor meeting and under consideration in some countries. The affiliated societies in Asia made meeting in each countries one or more times per year.

The AFSUMB official journal of Journal of Medical Ultrasound was quarterly published as in the past. We will be printed volume 18 in 2011. Some AFSUMB member societies made scholarships to other AFSUM members, those are continued in JSUM, KSUM and CTSUM.

The new activity from 2010, we established safety committee to discuss the ultrasound safety in both fundamentally and clinically, that is consisted of four members of engineer and doctors of OB/GY and gastroenterology.



# EFSUMB

**EUROPEAN FEDERATION OF SOCIETIES FOR ULTRASOUND IN MEDICINE AND BIOLOGY**

*'Building a European Ultrasound Community'*

## **REPORT FROM EFSUMB**

EFSUMB has a membership of almost 20,000 members from 30 different countries making EFSUMB the largest Society in WFUMB. 2011 has been an active year for us and our website [www.efsumb.org](http://www.efsumb.org) is a good place to start for anyone unfamiliar with the changes afoot in EFSUMB. The statistics of the website viewing have been increasing dramatically and not just from our member countries but worldwide.

The European Course Book has attracted a lot of this interest. There are currently 17 chapters online which can be accessed and downloaded by anyone. These and other chapters will be published in Autumn 2011 for sales at our annual Congress and large scientific meetings in Europe. The book will be non profit making and available on our website at a reasonable price. This book in its entirety will be found on the EFSUMB Educational Portal which has recently been launched on our website. The intention is to offer educational material to anyone with access to the internet. The successful Case of the Month, Guidelines, Recommendations, teaching videos, EUROSON School presentations, and more, can all be found here.

The EFSUMB Guidelines and Recommendations on the Clinical Practice of Contrast Enhanced Ultrasound (CEUS) Update 2011 on non-hepatic applications has been published in August 2011 and will be of great value to practitioners of CEUS. The joint WFUMB and EFSUMB CEUS Guidelines on liver should be published this year in *Ultraschall in der Medizin/ European Journal of Ultrasound*. The 2010 impact factor of the EJU is 3.260, a significant increase. The EFSUMB Newsletter is published in each issue with interviews with member society Presidents, interesting cases and information about EFSUMB Congresses. Last year's Congress was held August in Copenhagen, Denmark hosted by the Danish Ultrasound Society which has a close association with ASUM and offered some lectures from down under. The 23<sup>rd</sup> EUROSON Congress was shared with WFUMB and the Dreiländertreffen Societies hosted by OGUM, the Austrian Society with world class lectures, refresher courses, practical sessions and workshops.

Education is at the heart of EFSUMB's activities given the rapid changes in knowledge and practice of ultrasonography. The Education Committee (EPSC) promotes education at an international high level in English through EUROSON Schools, holding a record number of nine schools last year. Highly instructive video presentations of some of these Schools can be found on our website. In 2012 EFSUMB will be endorsing ultrasound courses in Europe that are held in the national language that are of sufficiently high teaching standard. To sustain high professional standards in ultrasound scanning the EPSC has worked to complete guidelines in-progress and stimulate new guidelines to be produced. The minimum training recommendations on CEUS (14) was published in 2010 and the latest add-on is a supplement to Musculoskeletal (12) on training level requirements for rheumatologists.

The Safety Committee (ECMUS) review safety related articles and existing safety statements are reviewed annually and revised as necessary. Tutorial Articles designed to be teaching articles aimed at the clinical user without a background in Physics can also be found on our website. Safety demonstrations and lectures are held at our annual Congress and WFUMB 2011 was no exception.

The Publications Committee continues to produce the Case of the Month which is now translated into Portuguese, Spanish and Italian and available online. Our website viewing statistics encourages EFSUMB's belief that the information provided is used and useful, that we are attracting new members, both individual and National Societies which all contributes to building the European ultrasound community.

## LATIN AMERICAN FEDERATION OF SOCIETIES OF ULTRASOUND IN MEDICINE AND BIOLOGY, FLAUS



The Latin American Federation of Ultrasound in Medicine and Biology (FLAUS) has had a very active participation in the last two years, realizing practical and theoretical courses of Ultrasound in all over Latin America. It has been a hard and extensive work with an important number of attendees to these meetings. The WFUMB Latin American Education Project has been very active also, supporting and co-organizing scientific activities in Venezuela and Brazil.

We have organized courses that have been imparted in Bolivia, Paraguay, Panamá, Guatemala, Uruguay, Puerto Rico and Costa Rica. We have one new affiliated National Society to FLAUS: The Ultrasound Society of Bolivia.

These courses served as base to promote in all these countries the 13<sup>th</sup> Congress of the World Federation for Ultrasound in Medicine and Biology (WFUMB) to take place in Vienna and also were the ideal scene for the promotion of the congress of FLAUS 2011 carried out in Asuncion, Paraguay in June 2011. This event had an attractive academic program, successful culmination, and an attendance of around 400 physicians from all over Latin America with 45 international lecturers who discussed during 3 days, important areas of Ultrasound.

During the event FLAUS 2011 the new authorities of the Board assumed their positions for the term 2011-2013. The new officers are:

Dr Ramon Bataglia (Paraguay) President

Dr. Cristina Chammas (Brazil) Elected President

Dr Raul Sanchez Jiménez. (Dominican Republic) Immediate Past President.

Dr Jose Paarada (Uruguay) Secretary

Dr Jorge Rabat (Venezuela) Treasurer

We have had WFUMB speakers in most of our past meetings with important topics delivered by Giovanni Cerri, Roberto Moncayo, Miguel A Jimenez, and Leandro Fernandez.

FLAUS and WFUMB have become extraordinary partners for the promotion of education on ultrasound in our Continent and the rest of the World. FLAUS will host the 14<sup>th</sup> World Congress on Ultrasound in Sao Paulo, Brazil on May 1-5, 2013

***Dr. Roberto Moncayo***

***WFUMB Administrative Councilor, FLAUS Representative.***

## ACTIVITIES FOR MASU 2009-2011

### *Complied by*

Michael Kawooya. MBChB, PhD , Hassen Gharbi. MD, Harald Lutz. MD

03 August 2011

### SUMMARY OF ACTIVITIES

1. Kampala WFUMB COE activities
  - Short refresher courses, the 9<sup>th</sup>, 10<sup>th</sup> and 11<sup>th</sup> Kampala WFUMB COE refresher courses ( a total of 3 courses)
  - Formal degree, and diploma courses and certificate courses. ( 71 qualified with a diploma and a total of 76 are currently pursuing diploma and degree programs)
  - Research projects ( Two major research projects currently being conducted)
  - Community project (One major community project with a component of ultrasound training for midwives)
  - Publications in scientific journals ( 3 publications in peer reviewed journals)
2. MASU COURSES in several African countries: (Uganda-Kampala 4, Zambia-Lusaka 1, Rwanda-Kigali 1, Libya-Tripoli 1)
3. Other educational activities : Training courses in Zanzibar and Pemba
4. Challenges

### **THE WFUMB COE, A MAJOR AVENUE FOR MASU TRAINING ACTIVITIES IN AFRICA**

The WFUMB COE is an important means through which MASU operates to conduct ultrasound training courses for applicants from Africa, who are either sponsored by WFUMB or have individual private sponsorship. The COE is supported in its training activities by WFUMB and MASU in addition to other sources of support. The main activities of the COE are short refresher courses (1-3 days) and formal ultrasound course (Degrees, Diploma and Certificate). Within the last two years, the COE has held 4 short refresher courses, and continues to conduct formal ultrasound courses at certificate, diploma and degree levels. Currently, there are up to 150 students enrolled for these formal ultrasound courses.

### ***Summary of activities at the Kampala WFUMB COE from 2009-2011***

1. Short refresher courses, the 9<sup>th</sup>, 10<sup>th</sup> and 11<sup>th</sup>, 12<sup>th</sup> refresher courses were held.
2. Formal degree and diploma courses. ( 71 qualified with a diploma and a total of 150 are currently pursuing certificate, diploma and degree programs)
3. Research projects ( Two major research projects currently being conducted on application of ultrasound for rural health)
4. Community project ( one community project with a component for training 23 midwives from a rural Ugandan district, in basic obstetrical ultrasound)
5. Publications; one journal publication.

### ***Short refresher courses at the WFUMB COE***

The COE holds a minimum of 2 refresher courses per year, as per requirement of WFUMB. Between January 2009 and August 2010, 4 courses were. Participants were from several African countries namely; Uganda, Kenya, Tanzania, Zambia, Sudan, Rwanda. The courses are:

- 9<sup>th</sup> COE course. The dates were 8-9<sup>th</sup> May 2010 and the theme was: Imaging for better health: subtheme- ultrasound of the male pelvis. Participants were 100.
- 10<sup>th</sup> COE course. The dates were 5<sup>th</sup>-6<sup>th</sup> Nov 2009 and the theme: Quality assurance in ultrasound: subtheme- Ultrasound of nerves. Participants were 100.
- 11<sup>th</sup> COE course. The dates were 04<sup>th</sup> May 2010 and the theme: Ultrasound of the prostate. Participants were 50.
- 12<sup>th</sup> COE course. The dates were 8<sup>th</sup> October 2010 and the theme was: Two decades of ultrasound practice in Uganda: Participants were 111.

### ***Formal ultrasound courses at the WFUMB COE***

The courses are: a Diploma courses of 6-12 months, a 3 year Bachelors and a 2 year Masters Degrees. In addition, we are now conducting short courses in basic obstetrical ultrasound.

All the above degree and diploma courses have physics, instrumentations, computer basics, anatomy, general abdominal ultrasound , ultrasound of tropical diseases and ultrasound in obstetrics and gynaecology as core course units, but the Bachelor's degree courses have in addition small parts, musculoskeletal and vascular ultrasound. The Master's degree course also features management, entrepreneurship, research methods, musculoskeletal US, small parts US, vascular US, echocardiography, interventional US and a final dissertation

### ***Certificate courses***

These are in basic obstetrical ultrasound, conducted within the framework of ongoing research projects. The students have 4 weeks of intensive training at the CEO and the rest of the training takes place in the community, by field sonography trainers. A total of 37

midwives have enrolled for this course in the last 2 years, and 30 have completed the training

***The six months to one year Ordinary Diploma in Ultrasound***

Fifteen of these are still in training and completing

### ***The Bachelors Degree in Ultrasound***

A total of 36 students have enrolled for the Bachelors of Ultrasound Degree in the last 2 years and 21 of these have successfully completed the course. 11 are still continuing with their studies.

### ***The Masters degree in ultrasound***

A total of 7 students have enrolled and are still training for the Masters of Diagnostic Ultrasound program

## **WFUMB/ MASU COURSES**

Three courses have been held in Lusaka-Zambia (8-12<sup>th</sup> Feb 2010), Tripoli-Libya (25<sup>th</sup> to 27<sup>th</sup> June 2010), and Kigali-Rwanda (12-16<sup>th</sup> Dec 2010).

### ***WFUMB/MASU course in Zambia Lusaka 8-12<sup>th</sup> Feb. 2010***

This meeting was organized under the auspices of MASU and WFUMB. There were 4 lecturers: Hassen Gharbi , Harald Lutz, Michael Kawooya one Zambian.

The course lasted two days, and was followed by 2 days of hands-on sessions. There were 130 participants mainly from Zambia but some from Congo and Uganda. These included radiologists, surgeons, general doctors, sonographers, and radiographers. The course was a great success. The WFUMB flag was planted in Zambia. We witnessed the creation and launching of the Zambian Association of Ultrasound in Medicine.

### ***MASU General Assembly and Scientific meeting, Tripoli, June 2010 25<sup>th</sup>-25<sup>th</sup>***

The meeting took place in Tripoli Janzoor village , June 2010, 25<sup>th</sup> to 27<sup>th</sup>. It was a great success, thanks to Dr El Fortia's efforts. There were 95 participants coming from more than 15 countries : Libya, Egypt, Syria, Tanzania, Burkina Faso, Tunisia, Algeria, Morocco, France, Italy, Slovenia, Jordan, Uganda, Kenya and German.

### ***Kigali WFUMB-MASU workshop 12-16<sup>th</sup> Dec 2010***

The course took place in Kigali, Hotel Lemigo. The course was organized by the Kigali Health Institute, under the auspices of WFUMB, Kampala COE and MASU. The theme was Basic Training in performance of Ultrasonography. It was officially opened by the Honourable Minister of Health of Rwanda Dr Richard Sizibera. There were 4 lecturers: Hassen Gharbi , Harald Lutz, Michael Kawooya and Zeridah Muyinda. Present also was the Rector Kigali Health Institute Dr Desire Ndushabandi. The number of participants were 78 from a total of

7 African countries . Other events included a round table discussion on starting a training programme in ultrasound in Rwanda. The formation of the Ultrasound Society of Rwanda was proposed and the process successfully initiated. The Society: Rwandese Association of Ultrasound in Medicine and Biology (RSUMB) was eventually formed. Around 25 books of US and more than 30 Power Point courses were offered to the library of Kigali Health Institute

### **OTHER EDUCATIONAL ACTIVITIES**

#### ***Teaching obstetrical ultrasound to health personnel in Pemba and Zanzibar***

These activities have continued and are spear headed by Dr Franca Meloni under the auspices of SIUMB and MASU through sponsorship by the 'fondazione decarneri.it decarneri' .

### **DONATION OF EDUCATIONAL MATERIALS**

During all courses, educational material was offered to the organizers of the courses by the lecturers : on behalf of WHO, WFUMB, AIUM, ACR , the lecturers themselves in form of PowerPoint were also donated..

### **FUTURE EVENTS**

1. MASU Congress 2012: This will be held in Nairobi-Kenya 3th to 7<sup>th</sup> 2012, under Kenya Society of Ultrasound in Medicine and Biology (KESUMB). It is hoped this can be a fully fledged WFUMB Council meeting.
2. Promotion of MASU activities in the future with a purpose of spearheading activities in Ethiopia, Nigeria, Togo, Senegal :
3. Zanzibar/Pemba program will continue under the auspices of SIUMB and MASU. Additional efforts will be planed through WFUMB umbrella
4. Support to societies through scholarship, donations, visiting professors program...
5. Possible creation of the second African WFUMB COE in Nigeria

6. We are planning for a project for 2011-2012 /Lomé in Togo with potential of a French speaking COE
7. We plan for a MASU course in Addis Ababa, Ethiopia, in collaboration with WFUMB and ISR in 2012
8. The activities in Misurata , Libya are still awaiting resumption of peace and calm in Libya

***Challenges***

- The upheavals in north Africa and middle east was a great handicap during the last 8 months

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03 August 2011