The role of international organizations and professional societies – Part 2

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President
MPWB Vision

• A world with access to effective and safe applications of physics and technology in medicine
  – Radiation therapy major component
  – Also other areas of Medical Physics
MPWB Mission

• To support activities which will yield effective and safe use of physics and technologies in medicine through advising, training, demonstrating and/or participating in medical physics-related activities, especially in low-to-middle income countries.

  – Largely intellectual support through education, training, mentoring, collaborating
Overview of MPWB Activities

- Partnering in education and training
- Partnering in QA/QC
- Partnering in technology and facility design
- Partnering in technology acquisition
- Partnering in safety-related activities

MPWB
MPWB Objectives and Values

- On [www.mpwb.org](http://www.mpwb.org)

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**Our Objectives**

1. Overall objective: To provide Medical Physics support with the goal of improving the effectiveness and safety in the use of physics and technologies in medicine, especially in low-to-middle income countries.

2. To advise, guide, support and/or participate in training through (a) the development of training programs, (b) participation in training programs, (c) exchanges of staff and/or students, and/or (d) facilitation of e-learning.

3. To advise, guide, support and/or participate in activities associated with medical physics-related technologies, especially those related to radiation medicine, including: (a) the design of such technologies and related facilities, (b) the acquisition/purchase of such technologies, (c) the commissioning of such technologies, (d) the development and/or review of quality assurance/quality control programs, and (e) the development and/or review of safety-related activities, especially those related to ionizing radiation.

4. To build a database of qualified medical physicists with a keen interest in supporting the Vision, Mission and Objectives of Medical Physics for World Benefit. These individuals would generally be...

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**Our Values**

**Equal Access**

All citizens in the world deserve access to effective and safe radiation medicine and other medical interventions, which are appropriate for the local circumstances and not prioritized on the basis of gender, religion, race or income.

**Open Communication**

We strive for clear and open communication both with our partners in the field with sensitivity to local circumstances and with collaborating organizations.

**Spirit of Collaboration**

We aim to work together to improve patient care ... with professional colleagues ... with partner agencies and organizations.

**Mutual Respect**

We aim for mutual respect considering local circumstances, customs and cultural diversity.

**Evidence-Based**

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Registered as Charitable Organization

- In Canada ... 16 November 2016
- In US ... 23 December 2016
Membership Organization

• Membership application process opened on 15 June 2017 ... see www.mpwb.org

• Membership process includes detailed questionnaire
  – Specialization
  – Experience ... also international experience
  – Languages spoken
  – Time available for volunteer activities

• Provides database for linking projects and individuals
Partnerships

• Work in close collaboration with other organizations
  – Minimize duplication of efforts
  – Maximize benefit
• AAPM ... Memorandum of understanding
• IOMP ... working on Affiliated International Organization status
• ICEC ... close collaboration
• PMSF ... close communication, “sister” organization
• IAEA ... close communication
MPWB Activities ... Examples

Project folders on ...

- Botswana
- Burkina Faso
- Cambodia
- Cameroon
- Ethiopia
- Ghana
- Jamaica

- Kenya
- Mozambique
- Rwanda
- Tanzania
- Uganda
- Zimbabwe
Next Steps

• Completion of phase 1 of membership process
  – Develop database
• Develop fund raising program
• Implement projects

Medical Physics for World Benefit

www.MPWB.org

Working together for effective patient care