Short Biography of All Candidates

Colin G. Orton, PhD

I started teaching medical physics in 1961 while working on my Ph.D. in Radiation Physics at London University and kept teaching every year until I retired in 2003. I held faculty positions at London University from 1961-66, New York University Medical Center from 1966-75, Brown University and Rhode Island Hospital from 1975-82, and Wayne State University from 1981-2003. I retired as Emeritus Professor but still do a little teaching when called upon and regularly present refresher courses at AAPM Annual Meetings. Throughout my career I have been chief clinical physicist and I directed the graduate Medical Physics program at Wayne State with about 200 MS and PhD graduates. I have served as President of a number of organizations, including the IOMP (also served as Secretary General), the AAPM, ACMP, American Brachytherapy Society, and the IUPESM. While SG of the IOMP I established the Libraries for Developing Countries program. I edited Medical Physics World, Medical Physics, the AAPM Quarterly Bulletin and the ACMP Bulletin. I was one of the founders of the American Board of Medical Physics and served as an Examiner for the American Board of Radiology. I also helped the Hong Kong medical physics society establish their examining board and have continued working with the board since. I would like to expand my interests in international board certification with this new International Medical Physics Certification Board, which I envision as both an avenue for individual medical physicists to become certified as well as national and regional certification boards to become accredited. I also believe that the IMPCB should actively promote the acceptance of their certification as well as that of the boards it accredits.

Raymond K. Wu, PhD

Raymond K. Wu, PhD, FACMP, FAAPM, FIOMP, DABR, DABMP, is a board certified medical physicist with 40 years experience in clinical service, research, and education. He has served as a Chancellor, Vice Chairman, and Chairman of The American College of Medical Physics (ACMP), and as a Board Director of AAPM. He earned his PhD from Dartmouth College in 1974, and did his postdoctoral training at Thomas Jefferson University Hospital in Philadelphia. He joined Temple University Medical School as Assistant Professor and then Associate Professor. In 1985, he became Professor of Radiation Oncology at the Eastern Virginia Medical School, Norfolk, Virginia. He stayed there for 17 years, built up the medical physics program, and helped strengthen the radiation oncology residency program. He has made over 40 invited presentations in international meetings. He has served in many committees of AAPM, ACMP, ASTRO and ACR, and as a Co-Chairman of the NCRP

subcommittee that wrote the radiotherapy facilities shielding design report 151, and co-authored the IAEA Safety Report No 47 of the same subject. He has played a key role in establishing the current structure of the AAPM International Affairs Committee. He also helped organized several ISEP workshops and short courses in many countries. Currently he is the Chief of Physics in the Department of Radiation Oncology & Cyberknife of the University of Arizona Cancer Center in Phoenix, Arizona. He is serving as the Chairman of the IOMP Professional Relations Committee, and Chairman of the IOMP Task Group on International Medial Physics Certification.
Raymond would like to serve in IMPCB to help it mature into an independent international institution that can methodically identify qualified medical physicists who had adequate education and training to perform various medical physics functions in clinical environments. The ultimate goal is to improve the quality of patient care in all regions of the world.

Ti-Chuang Chiang, B.Sc.

I earned my B.Sc. in Physics from the National Central University, Taiwan in 1978. After the mandatory military service, I started working since 1980 as a medical physicist in the Department of Radiotherapy of the National Taiwan University Hospital until 2001. During the 21 years working in the clinical medical physics environment, I have been involved with, in addition to medical physics work, training of new medical physicists, radiation therapy technologists, resident doctors, and dosimetrists. My research interest has been focusing on Medical Oncology Informatics, Brachytherapy, HDR, Radiation Dosimetry and CT dose. I have co-authored six scientific articles published in the Chinese Journal of Radiation Oncology, Chinese Journal of Radiology, and Chinese Radiation Technology Journal on these subjects. Since 2001 my interest has been on topics related to the application of the internet and the World Wide Web for oncology information systems and applications. I am now employed by the Medical Informatics Division of the College of Medicine, National Taiwan University. I have been involved with projects on medical distant learning and telemedicine. My medical interest still is on Medical Radiation Physics. I have served as the Secretary General of Chinese Society of Medical Physics, Taiwan, from 2002-2007 and Secretary General/Treasurer of the IMPCB since 2010 when it was formed. Since 2006 I have been serving in the Medical workgroup of the Asia Pacific Advanced Network (APAN) for its telemedicine activities.
I am interested in assisting the international medical physics community to establish a formal certification system to benefit all future generations of medical physicists, and improve the quality of medical physics in Taiwan and elsewhere. My personal experience in my career development has given me the strong desire to work for the IMPCB mission.

Tae Suk Suh Ph.D., Candidate for Registrar of IMPCB

I am greatly honored and pleased for being nominated for the post of Registrar of IMPCB for the upcoming term.
My name is Tae Suk Suh from The Catholic University of Korea. I am currently a professor of medical physics at the Department of Biomedical Engineering and Immediate-Past President of Korean Society of Medical Physics (KSMP).

As Secretary General of AFOMP during 9 years since 2003, I have been doing a lot of job in promoting the development of medical physics on a global basis in the past. While I organized World Congress on Medical Physics and Biomedical Engineering (WC 2006 Seoul) and Asia-Oceania Congress of Medical Physics (AOCMP 2002, 2006, 2012) as an organizing chair or an President, I could work closely with the IOMP Committees and other regional or national organizations, I have served as editor and editorial board member for many international journals of medical physics.
My primary research interest is the image guided radiation therapy and radiosurgery. My colleagues and I have developed optimization technique in radiation therapy.

My clinical interest is in radiation therapy physics, previously established at Shands Hospital of University of Florida as a graduate assistant during 1986-1990 and at Seoul St. Mary's Hospital of Catholic University of Korea as a Chief physicist both in radiation oncology and radiology during 1990-2000.

If elected as Registrar of IMPBC, I will provide a effective solid platform for closer collaboration and mutual support amongst the medical physics organizations in the world for the purpose of promoting IMPCB and improvement of official records related to all IMPCB historical records, applications, accredited certification program etc. I shall do my best to ensure that such good and harmonious working relationship be strengthened.

Tomas Kron, PhD

I was born and educated in Germany where I received a PhD in biophysics for work on tracer kinetic studies at the University of Frankfurt in 1989. I migrated to Australia in this year and was working as a clinical medical physicist in Sydney, Wollongong and Newcastle where I was chief physicist. In this time I helped to develop a medical physics masters program for the University of Newcastle (Australia). From 2001 to 2004 I worked in Canada at the London Regional Cancer Centre commissioning one of the first helical tomotherapy units and since 2005 I am Principal Research Physicist at the Peter MacCallum Cancer Centre in Melbourne, Australia where I also hold academic appointments at Melbourne, Monash, RMIT and Wollongong universities.
My research interests in radiation dosimetry, imaging for radiation oncology and clinical trials documented in more than 50 invited conference presentations, 180 peer-reviewed publications and

authorship of textbooks and book chapters. I was president of the Australasian College of Physical Scientists and Engineers in Medicine (ACPSEM) in 2008 and 2009 and have been involved for several years with the organisation of educational events such as 'summer schools'. This interest in education and training of medical professionals has led to my involvement in many national and international workshops and consultancies for the International Atomic Energy Agency (IAEA) for which he also has designed two series of teaching presentations (Radiation Protection in Radiation Oncology and Training for QUATRO).

I also have been convenor of several conferences (most recently the International Conference on the Use of Computers in Radiation Therapy (ICCR) in Melbourne 2013 (http://iccr2013.org/). I am on the editorial board of several international journals including clinical journals such as Clinical Oncology and Radiotherapy and Oncology and have supervised many postgraduate students, an activity I enjoy very much.

It is my belief that medical physics as a profession is essential for health care in many areas. However, the tasks of medical physicists are complex and often not immediately understandable to others. As such, certification of medical physicists is important to identify competent individuals and provide them with the professional recognition they require to do their job effectively (1). Given the fact that medical physicists are a relatively small professional group, not all countries have the resources to set up and maintain their own certification process. I believe that IOMP and IMPCB have an important role in this context and I would be delighted to support this process.

Reference which provides more information on my thinking on this issue

(1) Tomas Kron and Kwan Hoong Ng. An Overview of Credentialing and Certification. In: Quality and Safety in Radiotherapy (Eds.: T. Pawlicki, P. Dunscombe, A. Mundt and P. Scalliet). Taylor and Francis. Boca Raton 2011. Pages 179-184

Alejandro Rodriguez Laguna, MS

My name is Alejandro Rodriguez Laguna, I am from Mexico City. I have a degree in the career in physics and a master degree in medical physics from the National Autonomous University of Mexico (UNAM).

I worked for 5 years as a Head Department in the area of training of radiological emergency plans at the Mexican National Center of Disaster Prevention. I have worked for 5 years as a Radiation Safety Officer at the Nuclear Medicine Department in the Mexican National Institute of Cancer. I also have been working for 4 years as a Medical Physicist in the area of Radiation Therapy in one of the most prestigious private Hospital in Mexico.

I'm professor at the science faculty in the UNAM since 2007 teaching asignatures related to medical physics. I also participate in the training of medical physicists clinically qualified.

I think, the certification of medical physicist is a key component to improve the quality of medical physics practice and to consolidate the medical physics profession.

At the present time, there is an unprecedented attempt of the Mexican Federation of Medical Physics Organizations (FMOFM) to implement a national system of medical physicist certification. With the

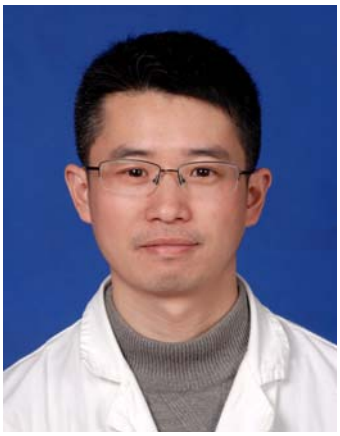
FMOFM as a charter member of the IMPCB we'll encourage efforts to achieve this goal.
I'm willing to serve as the Treasurer of the IMPCB and contribute to create the International Certification Board. I'll participate actively in the certification process in my country and as a member of the IMPCB, I'll contribute with the Mexican experience to the international certification initiative.

Ervin B. Podgorsak, PhD

Summary of c.v.: Ervin B. Podgorsak was born in Vienna, Austria and grew up in Slovenia where he earned his Dipl. Ing. degree in technical physics from the University of Ljubljana. He pursued graduate work in physics under Drs. John R. Cameron and Paul R. Moran at the University of Wisconsin, receiving his Ph.D. in 1973. He then specialized in medical and clinical physics as a post-doctoral fellow under Drs. Harold E. Johns and John R. Cunningham at the Ontario Cancer Institute and the University of Toronto. In 1975 he joined McGill University in Montreal and remained there until his retirement in 2010 from positions of Professor of Medical Physics, Director of McGill academic and residency programs in Medical Physics, and Director of the Medical Physics department at the McGill University Health Centre. Currently, he holds a position of Professor Emeritus at McGill University in Montreal, Canada.
The author of 160 peer reviewed publications, 3 textbooks, 20 invited book chapters, 70 conference proceedings, and 166 invited presentations, Dr. Podgorsak, in addition to his administrative and educational duties, has been involved in medical physics research, such as solid state dosimetry and linac target design, as well as the development of numerous innovative cancer therapy techniques, most notably dynamic stereotactic radiosurgery.
Dr. Podgorsak was very active in Canadian and American medical physics organizations. As chair of the CCPM (Canadian College of Physicists in Medicine) certification examination committee (1983 – 1987) he introduced the currently used Membership and Fellowship examination format in Canada. Under his leadership, in 1993 McGill University obtained accreditation for its academic programs in medical physics from the Commission on Accreditation of Medical Physics Educational Programs (CAMPEP) and for 10 years remained the only Canadian institution with such an accreditation.
Dr. Podgorsak is certified in radiation oncology physics by the CCPM and the American Board of Medical Physics (ABMP). He is a Fellow of the CCPM, American Association of Physicists in Medicine (AAPM), American College of Medical Physics (ACMP), and the Canadian Organization of Medical Physicists (COMP). For his educational, research, and administrative activities he received several awards and honors, most notably the William D. Coolidge Award from the AAPM in 2006, Gold Medal from the COMP in 2008, and the Peter Kirkby Memorial Medal from the Canadian Association of Physicists (CAP) in 2011.
Vision for the IMPCB: The current practical and achievable objective of the International Medical Physics Certification Board (IMPCB) is to provide accreditation of national certification programs in medical physics. In addition to accrediting national certification programs, the IMPCB: can play an important advisory role to national medical physics organizations preparing to establish a certification program,

can recommend educational materials and curricula based on the Model Curriculum, can set examination standards, can advise on examination process, and can maintain a register of accredited national certification boards.
October 2013

Xiance Jin, PhD



Dr. Xiance Jin, the chief medical physicist and vice director in the Department of Radiotherapy and Chemotherapy of the 1st Affiliated Hospital of Wenzhou Medical University, Wenzhou , China. He started his career as a medical physicist in China in 2001 after he graduated from Zhejiang University with a BS degree in physics. He went to US in 2007 and studied in the medical physics program of University of Toledo for his Ph.D degree.. He went back to China in September 2011 after he got his Ph.D. His Ph.D thesis is " Evaluation of Large Area Polycrystalline CdTe Detector for Diagnostic X-ray Imaging"
Dr. Xiance Jin has been involved in medical physics for more than 12 years. He is a full member of AAPM and is eligible for ABR board certification. He passed the physics part of Part I ABR. Now is working on the remaining ABR certification exams. Dr. Jin had published more than 20 papers and abstracts both in Chinese and international journals. His main research interests are new technologies and devices of radiotherapy for nasopharyngeal cancer and other cancers. Involved research programs on NPC won Chinese national and provincial awards.
As a young medical physicist working in China with international education background, Dr. Jin is willing and eager to serve for the international board of certification to do his own contribution to the development of international and China medical physics.

Siyong Kim, PhD

Career Background: I have been in the field of Medical Physics for 20 years including 4 years of Ph.D. study and 2 years of Radiation Oncology Clinical Physics Residency training both at the University Of Florida (UF), USA. After graduating residency in 1999, I started working as faculty in the Department of Radiation Oncology at UF where my major clinical specialties were stereotactic radiation therapy, patient immobilization, and image guidance. I also served as the associate director of Clinical Physics Residency Program and the coordinator of clinical rotation of Medical Physics Graduate Program. From 2006 to 2013, I worked in the Department of Radiation Oncology at Mayo Clinic Florida as faculty. In Mayo Clinic, my major specialties were high dose rate brachytherapy, respiratory motion management, and image guided stereotactic body radiation therapy. Currently, I am a professor and serve the Clinical Director of Physics in the

Department of Radiation Oncology, Virginia Commonwealth University, USA. I am also in charge of the Director of Radiation Oncology Medical Physics Residency Program.
Service History: My service for society has been active for many years, which includes AAPM Task Group 104 (member, 2003 - 2009), AAPM Asian Oceanic Affairs Subcommittee (liaison to Korea, 2009 - present), AAPM Online Learning Services Subcommittee (member, 2010 – 2012), AAPM Treatment Delivery Subcommittee (member, 2012 – present), AAPM Work Group on IMRT (member, 2012 and Chair, 2013 – present), and AAPM Therapy Physics Committee (member at large, 2013 – present). I also served IMPCB by-laws committee as voting member to establish the first version of the by-laws of our organization, IMPCB. Personally, I have been engaged in a couple of international education programs through which I closely work with foreign graduate students to help them being successful both in their study and professional career.
View on Board Member: Obviously, the ultimate goal of the early leadership is to establish a concrete structure of the organization. IMPCB is in its infancy as we all know and requires officers in strong leadership. However, IMPCB is for many countries and run by individuals from diverse backgrounds thus, there is always risk that too strong leadership may lose balance. In addition to appropriate professional experience, in my opinion, Board at Large members (not officers but as members of Board of Directors) should be able to take the role of moderation and make things move on in harmony to achieve the ultimate goal, and I believe I will fit well on such role.

Kin-Yin Cheung, Ph.D.

One of the highest priorities in my agenda items as President of IOMP is professional development and recognition of medical physicists on a global basis. I advocate the importance of professional accreditation in ensuring standard of practice and promoting the professional status of medical physicists. When I was Chairman of the IOMP Professional Relations Committee (PRC), I chaired a working group to prepare an IOMP policy statement (http://www.iomp.org/?q=node/76) (Policy Statement No. 2) that provided general guidelines on education, training and professional certification of medical physicists. As recommended in the document, medical physicists with clinical responsibilities should be subject to professional certification and this process should be administered by a national certification board. I also advocate the importance of professional standard and state recognition on the status of the national certification board. For this reason, I formed a task group under PRC to look into the possibility of implementing an international professional certification system. Subsequently, in collaboration with some national member organizations, the TG formed the International Medical Physics Certification Board (IMPCB) for several purposes. One of them was to provide guidelines and assistance for national member organizations to form their own certification boards if such boards did not exist. The second one was to conduct independent accreditation of the national certification boards so as to ensure the standard and status of these boards. Another purpose was to facilitate the certification of individual medical physicists from countries where forming of national boards were not practical. IMPCB has a very

important role in promoting the professional development of the medical physics profession. I have strong personal interest and am willing to contribute to the development of this organization.
I am a Certified Medical Physicist and a Chartered Radiation Protection Professional. I was one of the key persons responsible for setting up a system for residency training and professional certification of medical physicists in Hong Kong. I have served the IAEA as a consultant on a number of projects on improving medical physics in radiation medicine. I am a Senior Medical Physicist at the Medical Physics & Research Department, Hong Kong Sanatorium & Hospital and Adjunct Associate Professor at the Department of Clinical Oncology, Chinese University of Hong Kong. I have a strong research interest and have published/presented over 100 journal papers, abstracts and book chapters. I have served as member of the editorial board and reviewer in a number of international journals. I am an Honorary Member of Hong Kong College of Radiologists and a member of ASTRO and AAPM.

Carmel J. Caruana, PhD

Qualifications:
2003 – 2006 PhD Faculty of Mathematics and Physics, Charles University, Prague
1989 – 1990 MSc Applied Radiation Physics, University of Birmingham (UK).
1973 – 1976 BSc Physics and Mathematics, University of Malta.
Position:
Head of the Medical Physics department, Faculty of Health Sciences, University of Malta
Area of specialization: Diagnostic and Interventional Radiology, patient dosimetry, radiation protection, optimization processes.
Immediate past-Chair, Education and Training Committee, EFOMP
Experience in EC Projects:
Guidelines on the Medical Physics Expert (MPE) Project:
Core member of the team writing the final document. Principal author of chapter 2 ('The role of the MPE') and Chapter 3 ('Qualification and curriculum frameworks for the MPE in Europe')
Member of the following workgroups.
WP2 Syllabus Diagnostic and Interventional Radiology,
WP3 Syllabus for Nuclear Medicine,
WP4 Syllabus for Radiation Oncology,
WP7 European Workshop on MPE – member of scientific committee.
MEDRAPET Project (Medical Education in Radiation Protection and Training):
Member of WP3 Development of European Guidance on radiation protection training of medical professionals containing appropriate recommendations on harmonisation in this field.
Principal author of the chapter dedicated to the education of medical physicists and medical physics experts.
ENETRAP (European Network for Education and Training in Radiation Protection)

Member of the Advisory Board.
EUTEMPE-Rx (2013 -2016) (EUropean Training and education for the Medical Physics Expert – Diagnostic and Interventional radiology)
Originator of the idea behind the project.
Lead for WP 4.1 Developments of the profession and the challenges of the MPE
Quality Manager for the education and training modules
Vision:
Harmonisation of the structure and level of MSc Medical Physics programmes worldwide to facilitate the mobility of Medical Physicists.

Adel A. Mustafa, Ph.D., DABR, DABMP, FAAPM

Certification/ licenses/ General Credentials

- Board certified by the American Board of Radiology in Diagnostic Radiological Physics.
- Board certified by the American Board of Medical Physics in Diagnostic Imaging Physics.
- Fellow of the American Association of Physicists in Medicine
- Oral Examiner for the American Board of Radiology, radiological physics
- Chief Editor and contributor to Diagnostic RAPHEX
- Reviewer for Radiographics since 2005
- More than 20 years of clinical diagnostic radiology and nuclear medicine physics
- Conducting the radiologic physics part of the Radiology Residency program
- Teaching Faculty at several Radiology Residency programs in New York/ NJ/CT in the USA
- Invited speaker in radiology/medical physics conferences. Gave more than 70 presentations in 10 countries from 2004-2013

Education:
Ph.D. in Medical Physics, Department of Medical Physics University of Surrey, England. 1982
M.Sc. in Medical Physics, Department of Medical Physics, University of Surrey, England,1978
B.Sc. In Health Physics, Al-Mustansiriya University, Baghdad, Iraq , 1975

EMPLOYMENT in the last 20 years (1991-2013)

- Chief Hospital Physicist and Hospital Radiation Safety Officer, St. Vincent's Hospital and Medical Center of New York, Manhattan, New York , 1991-2009.
- Faculty member, Department of Radiology, New York Medical College., Valhalla, New York, 1993 – July 2012
- Consulting Diagnostic Radiology Physicist and hospital radiation safety officer, St. Vincent's Medical Center, Bridgeport, CT, 2010-Now
- Consultant medical physicist to several private radiology facilities in the New York and NJ
- Prior to 1991: Associate Professor of Radiology at Kuwait University School of Medicine (1983-

1990).
International Medical Physics Certification Board
Very much interested in the IMPCB and would like to volunteer to serve as active member of the accreditation committee and the future exam committee. I am fully aware of the education needs and interests of several countries affiliated with the IOMP. I visited and lectured in several of those countries and continue to do so. Establishing standards of medical physics education and practice is a major step in reaching the practice objectives of contributing to achieving optimal patient care, and advancing the professional standing of medical physicists nationally and internationally.

B Paul Ravindran, Ph.D., Dip.R.P., FCCPM

I work as Professor of Radiological Physics and Senior Medical Physicist at the Department of Radiation Oncology, Christian Medical College, Vellore, India. I have 27+ years of experience in clinical physics, teaching and research.
I completed my Master's program in Physics and joined Christian Medical College, Vellore as Junior Medical Physicist in 1986. Subsequently I did post graduate diploma in Radiological Physics at the Bhabha Atomic Research Center Mumbai in 1987-88. I completed my Ph.D in Radiation Physics in 1994 at the Christian Medical College, Vellore. I took two years of leave of absence from my institute and worked at the London Regional Cancer Program, London, ON, Canada during 2001-03. During this period I completed both certification and fellowship program of the Canadian College of Physicists in Medicine.
My responsibilities include clinical work, teaching and research. As the senior most medical physicist in my institute, I supervise the medical physicists and the Medical Physics residents. My clinical work includes, treatment planning for IMRT, Stereotactic Radiosurgery, IMRT quality assurance and quality assurance of Linear accelerator and HDR unit.
I teach Radiation Physics to Radiation Oncology residents, post graduate Medical Physics students, and Radiation Therapy Technology students. My present research interests are cone beam CT image reconstruction and analysis and gel dosimetry.
I am also the convener for Medical Radiation Technology Training committee of Christian Medical Association of India that conducts two year training program in Radio-diagnostic technology and radiotherapy technology.
I was also involved in starting the Certification Program in India and presently I am the Chief Examiner of the College of Medical Physicists of India that certifies medical physicists in India.
I wish that the international certification board bridges the gap in the professional competence between the countries and brings in mutual recognition of certification beetween countries.

Ibrahim Duhaini, BS, TD, MSc.

Ibrahim is the Chief Medical Physicist (Radiation Oncology Department) and the Radiation Safety Officer since 2004 at Rafik Hariri University Hospital (RHUH) in Beirut, Lebanon.
From 2012 till mid 2013, he worked at Hamad Medical Corporation in Qatar as the Director of Radiation Safety overseeing 8 hospitals in the corporation and covering all Radiation Departments.
In 2000, He earned a master degree in Medical Physics from Wayne State University Medical School in Detroit, Michigan, USA. Then he worked at several hospitals in Michigan and as a MP consultant for training medical physicists on Prostate Seed Implant Procedures with BARD. He also served as the secretary general of the Great Lakes, Michigan Chapter of the American Association of Physicists in Medicine (AAPM).
In 2006, He helped found the Lebanese Association of Medical Physics (LAMP). He was also the founding member and currently serves as the President of the Middle East Federation of Organizations of Medical Physics (MEFOMP).
He is an active member in many committees of the International Organization of Medical Physics (IOMP) namely: Education and Training, Professional Relations, Awards & Honors, International Medical Physics Certification Board, and Calendar Editor for e-MPW.
Academic Activities:
Training and teaching radiotherapy Technicians, Dosimetrist, and junior physicists (Lebanon)
 Training Physicists on how to plan 3D Prostate Seed Implant In Vivo in the OR (USA)
 Participated in more than 30 conferences locally, USA, Europe and the ME region.
 Establishing Guidelines of Radiation Protection for Private Radiology Centers (Lebanon)
 Training the Iraqi delegation from Sulaymaniah Radiotherapy Center at RHUH (2009).
 Preparing course outline for a degree in Medical Physics in Lebanon.
 Participated with other tasks in collaboration with the Lebanese Atomic Energy Commission (LAEC) and the IAEA.
 Delivered a course titled: Authorization and Inspection of Radiation Sources in RADIOTHERAPY, in Tunisia (May 2011)
 Delivering Radiation Safety Course on a regular basis in Arab Countries throughout the year.
 Established, updated and delivered different Radiation Safety Training Programs tailored at different spectators as follows:
o For all Radiation Workers for the purpose of attaining Radiation License.
o For Medical Residences as part of their curriculum
o For Radiology Residence Students as part of their curriculum.
o For Physicians and Specialists who are involved in radiation
o For Nurses as part of acquiring Continuous Education and earning CNE credits.
Recently, Ibrahim has established his own consulting service company "Radiation Expert Group" REG which is officially registered in Michigan (USA), Beirut (Lebanon), and Doha (Qatar).

Shuichi Ozawa, PhD, DABR

It is my great pleasure to be nominated for Registry and Records Committee of IMPCB. I received PhD in atomic physics Rikkyo University (Tokyo, Japan) in 2001. I worked as a post-doc researcher in RIKEN (Saitama, Japan) from 2001 to 2004 and in JAEA (Gunma, Japan) from 2004 to 2006. In 2006, I was accepted into the CAMPEP accredited medical physics residency program in University of Florida (Gainesville, Florida, usA). I completed it in 2008, and became an assistant professor of radiology department, Juntendo University (Tokyo, Japan) after returning to Japan. I was certified as m·edical physicist by Japanese Board of Medical Physics (JBMP) in 2008. In 2011, I was certified as therapeutic medical physicist by American Board of Radiology (Certificate # P4698). I moved to Hiroshima Univ~rsity (Hiroshima, Japan) as an associate professor of department of radiation o'ncology in 2012, and engaged not only in educating and training graduate school students in medical physics but also radiotherapy clinical work. My specialty is radiation oncology physics and I am interested in R&D of QA equipment and application of DICOM RT. I also engaged in QA for clinical trial of the state of the art radiotherapy technique such as SBRT, IMRT, and VMAT in Japan Clinical Oncology Group (JCOG) medical physics working group.

I was a member of medical physicists' certification committee of JBMP from 2009 to 2011, and now I am a member of accreditation of medical physics education program of JBMP. It would be very honor for me to work together with members of Registry and Records Committee of IMPCB.

Sean Geoghegan, PhD

Dr Sean Geoghegan is a qualified Radiation Oncology Medical Physicists with 15 years experience in medical physics following attaining his PhD. He is the current Vice-President and President-elect of the Australasian College of Physical Scientists and Engineers in Medicine (ACPSEM), the Chief Medical Physicist for the Australian Capital Territory (ACT) and past Chair of the ACPSEM Professional Standard Board (PSB). The ACPSEM PSB oversees the certification, accreditation and registration programs for Medical Physicists in Australia and New Zealand. He is familiar with all specialties of medical physics having overall responsibility for radiology, nuclear medicine and radiation oncology medical physics services in the ACT. Dr Geoghegan is an ACPSEM representative to the IMPCB and he was responsible for finalising the drafting of the IMPCB By-Laws. He is familiar with legislative and regulatory environments in Australia, being a member of the ACT Radiation Council. Dr Geoghegan has eleven peer reviewed publications, has made 35 conference presentations, has given university courses and lectures since 1995 and has presented popular science shows. Dr Geoghegan will become the ACPSEM President from 1 January 2014. He believes in medical physics being an international profession where medical physicists and medical physics training and education programs are able to be

internationally recognised with standards maintained and enhanced within each nation. Further information on Dr Geoghegan can be viewed via LinkedIn at au.linkedin.com/in/seangeoghegan.

Simone Kodlulovich Renha, PhD

Simone Kodlulovich Renha, graduated in Physics with master degree and PhD in Nuclear Technology with specialization in medical physics at Instituto de Pesquisas Energéticas e Nucleares in Brazil. The education includes participation in IAEA fellowship program in medical physics at King's College Hospital, UK, at Hospital Central de Asturias, Ramón y Cajal, La Princesa y Clinico Universitario, Spain, at St. Vincent Hospital Medical Center, NY and at McGill University; Canada. Since 1999, is a researcher of the National Commission of Nuclear Energy (CNEN). For more than 10 years was head of Diagnostic Radiology Division of the "Instituto de Radioproteção e Dosimetria" (IRD/CNEN). Currently at the Section of Standards of the Radiation Protection and Safety Division, is in charge of the development of national regulatory standards. Also participate at the National Committee for the Certification of Radiation Protection Officer of CNEN. The experience in didactic and research field includes participation as a lecturer of the medical physics master program of the IRD/CNEN (since 2001), supervision of students in master and PhD research and proofreader of scientific journals. The investigation is mainly in diagnostic radiology, instrumentation and radiation protection and safety in medical applications of ionizing radiation. Also act as an IAEA expert (since 2001) and Pan American Health Organization (PAHO), especially in diagnostic radiology activities in Latin America. Currently is member of the Radiological Protection Committee and Quality in Computed Tomography of the Brazilian College of Radiology. Member of Brazilian Association of Medical Physics (ABFM) and American Association of Physicists in Medicine (AAPM). Since 2013 is a member of the Committee of Education and Training of IOMP and consultant of Latin-American Affairs Subcommittee of AAPM. Elected president of "Asociación Latinoamericana de Física Médica (ALFIM)" in 2010 for the period of 2010-2013 and re-elected for the period of 2013-2016.

Sarene Chu Saifuddin, PhD

Personal data: Born on 24 June 1973, married with two sons, Malaysian citizen
Current position:
2010-present Senior Principal Assistant Director (Radiation Health and Safety)/Medical Physicist, Radiation Health and Safety Section, Ministry of Health Malaysia
Previous positions:
2008-2010 Principal Assistant Director (Radiation Health and Safety)/Medical Physicist, Radiation Health and Safety Section, Ministry

of Health Malaysia
2007-2008 Principal Assistant Director (Radiation Health and Safety)/Medical Physicist (and Head of Radiation Health and Safety Unit), Selangor State Health Department, Ministry of Health Malaysia
2006-2007 Senior Medical Physicist, Nuclear Medicine Department, Kuala Lumpur General Hospital
2003-2006 Principal Assistant Director (Radiation Health and Safety)/Medical Physicist, (and Head of Radiation Health and Safety Unit), Selangor State Health Department, Ministry of Health Malaysia
1997-2003 Assistant Director (Radiation Health and Safety)/Medical Physicist, Radiation Health and Safety Section, Ministry of Health Malaysia
Scope of responsibilities: (Main specialities)

- Licensing activities for private hospitals and clinics in accordance with the Malaysia Atomic Energy Licensing Act (Act 304). As the Public Senior Officer in enforcing the Act.
- Implementation of Quality Assurance Programme (QAP) in government hospitals and clinics.
- Technical consultancy for ionizing radiation (IR) and non-ionizing radiation (NIR) from the aspect of radiation safety, QAP and regulatory requirement, site visit during testing and commissioning for radiation modalities including MRI and ultrasound, evaluation of technical specification for radiation modalities.
- Handling of public complaints and enquires on the issues of ionizing radiation (IR) and non-ionizing radiation (NIR) including the health effects.
- Providing technical input in research and preparation of guidelines/codes and standards.

Education:
University of Surrey, United Kingdom, (2010-present) – currently waiting for viva-voce, PhD (Medical Physics)
University of Malaya, Kuala Lumpur, Malaysia, (2004-2005), Master of Medical Physics,
University of Malaya, Kuala Lumpur, Malaysia (1991-1997), Bachelor of Science (Physics)
My visions are:
Firstly, the establishment of the International Medical Physics Certification Board would become a catalyst for medical physicists across the world to improve their skills and competencies by wanting to have an international recognition for the work they are doing. I believe it is no longer possible to become a fully competent and qualified medical physicist through on-job training alone, even with under direct supervision of experienced medical physicists. And even after working for some times as medical physicists (and qualified as an “expert”), we need to upgrade our education and training because the technologies and techniques in our area are getting more and more advanced with a very fast rate. To be effective, learning should be a voluntary process where we do it because we want the outcome of the process and of course having a certificate from an international body definitely would be a source of motivation for all medical physicists out there to upgrade themselves.
And secondly, by having a common standard would bring benefit to both parties; us (medical physicists) and the public/customers/patients. A common standard would provide a consistent and clear understanding of what are expected from us, and being certified by this body (IMPCB) would ‘truly’ confirm our competence as medical physicists. In addition, by having a body to harmonize the expertise of medical physicists across the world would give confidence not only to us but to the public/customers/patients as well.

Cecilia Maria Kalil Haddad

Cecilia Maria Kalil Haddad - Nationality: Brazil
1972- 1976 Mackenzie University- Sao Paulo – Brazil- Bachelor Physics
1976- 1977 : Fundação Antonio Prudente - Cancer Hospital- São Paulo – Brazil - Fellow Medical Physics
1977- 1978 : M.D.Anderson Hospital – Houston USA, Non degree fellow Radiotherapy Department
1977 – 1990: Real e Benemérita Sociedade Portuguesa de Beneficência – Hospital São Joaquim- São Paulo – Brazil, Clinical Physicist
1987 - 1998: Clinicas Hospital (HC) - School of Medicine of São Paulo University- Sao Paulo – Brazil, Clinical Physicist, Responsible for the program of physics residence in radiotherapy (1990-1998)
1992 until now : Sirio Libanes Hospital (HSL) -Department of Radiotherapy- Sao Paulo –Brazil, Chief of Physics, Coordinator of the physicists and technicians in Radiation Therapy, Responsible for : Quality and performance of machines used for Radiotherapy treatments Radiation protection for the staff and public. Search for new technologies in Radiation Therapy and evaluating performance feasible for use and purchase of equipment the most suitable resources for the HSL Residence Program on Medical Physics
I coordinated the implementation in Brazil
- High Dose Rate Brachytherapy – 1992 January at HC (Also in Argentina and Venezuela)
- Intensity Modulated Radiotherapy – 2000 October at HSL(Pioneer at South America)
- Image Guided Radiotherapy with CBCT – 2007 May at HSL
- Clinical Use of Novalis TX- 2011 for SRS and SBRT (Also LDR Brachytherapy at Mexico City)
Residence Program on Medical Physics at Sirio Libanes Hospital: From 2000 until now , we have been training 14 physicists (all of them are working in the area of radiation therapy) and we have today 4 students in training
Training Courses :
- Theorical and Practical Course : Latest Developments in Radiation Oncology and Quality Control – Brazil (start 2000 and 2013 October 24-26 it will be 13° Course, once a year with average of 200 attendees)
- Brachytherapy of Prostate with seeds : Hands On Course Start 1999 until now, we have been training radiation oncologists, physicists and nurses for all South America (twice a year with average of 30 attendees each course)
- Regional Training Course on QA Radiotherapy Physics of IMRT – International Atomic Energy Agency – Physicists from South America- 12-16 December 2011
- Since 2010 we have received for training in high-tech ,physicists of South America as a agreement with International Atomic Energy Agency
President of Brazilian Association of Physicist in Medicine from 2009 – 2011
- Full Member of AAPM, Liaison to Brazil – LAASC (start 5/8/2012)
- Correspondent Member of ASTRO

My vision of the International Certification Board :
I am favorable to International Certification Board as an attempt to unify the knowledge in the field of medical physics around the world. I believe to be a very big challenge, since the degree of development of medical physics and its different fields of expertise are not the same among countries; however I think is possible and necessary. The way to try to implement this certification must be analyzed from different points of view and should involve many countries. Today's technology allows us to perform online courses with specific tests of areas, perhaps this idea can be a beginning of the process with the adjustments and necessary updates. I feel honored by the invitation and my work on this Board will be rewarding because I believe that this International Certification will have a large and positive impact in medical physics around the world.

Edward S. Sternick, PhD, FAAPM, FACR, FACMP

Certified by the American Board of Radiology, Dr. Edward "Ned" Sternick is a senior level clinical scientist, educator and manager. He is a recipient of the Edith H. Quimby Lifetime Achievement Award from the American Association of Physicists in Medicine (AAPM) and the Marvin M D Williams Professional Achievement Award from the American College of Medical Physics (ACMP)
After earning the PhD in Medical Physics from UCLA in 1968, Dr. Sternick joined the faculty at Dartmouth-Hitchcock Medical Center where he founded the Medical Physics Section and led its research and educational initiatives over the next decade.
In 1978, he accepted an invitation from Tufts Medical Center to found and direct a new Medical Physics Division and also served as Program Director for its Radiation Oncology Physics Training Program supported by the National Cancer Institute.
During the period 1995-1999, he was Vice-President of Clinical Affairs at the Nomos Corporation with responsibility for supervision of extramural investigational IMRT grants awarded to academic medical center research affiliates.
Education has always played an important role in Dr. Sternick's work. He has been instrumental in the creation and teaching of numerous courses for physicians, medical physicists and allied health professionals. Currently Medical Physicist-in-Chief, Professor and Vice Chair of Radiation Oncology at Rhode Island Hospital/Warren Alpert Medical School of Brown University, he is the founding Program Director of its Radiation Oncology Medical Physics Residency Program and the co-founder and Co-Program Director of a new Graduate Medical Physics Training Program that has been established in collaboration with the University of Rhode Island.
For many years, Dr. Sternick has participated in the activities of many international professional societies. He has been appointed to and/or chaired numerous committees and task groups in these organizations and is a Past-President of AAPM. He was a co-founder and a Director of the Commission on Accreditation of Medical Physics Educational Programs (CAMPEP), the founding President of the

American Board of Medical Physics (ABMP) and Chair of the International Board of Medical Physics (IBMP) Constituting Panel.

Virginia Tsapaki, PhD

Date of birth: 2 July 1967, Athens, Greece. Greek Citizen.
Languages: Greek (mother tongue), fluent in English.
Qualifications: BSc (University of Crete, Greece); MSc in Medical Physics (University of Surrey, UK); PhD in Medical Physics (University of Athens, Greece).
Positions:

- Medical Physics Department, Konstantopoulio General Hospital of Athens, Greece.
- President of the Hellenic Association of Medical Physicists (HAMP)
- EFOMP Communications and Publications Committee Chair
- IOMP e Medical Physics World Newsletter
- IOMP website subcommittee chair

Experience: 23 years experience in Medical Physics in Diagnostic, Computed Tomography (CT) and Interventional Cardiology and Radiology as well as Nuclear Medicine. Since 2004, IAEA expert sent in several missions organised by the IAEA. Lecturer in IAEA National and Regional Training Courses on radiation protection in diagnostic and interventional radiology in many developing countries. Since 2006, home based IAEA expert analyzing results and providing feedback in numerous IAEA projects across the world.
Research activity:
Participation in multiple European projects such as the European Medical ALARA network (EMAN) project as the EFOMP representative in the WP 1: “Establishment of a Working Group on optimisation of patient and occupational exposures in CT-procedures”, SENTINEL European research project (Safety and Efficacy for New Techniques and Imaging using New Equipment to Support European Legislation), DIMOND II and III European research projects during 1997-2004.
Participation in multiple IAEA projects with the task to analyze results submitted by counterparts of project and facilitate in the production of publications in conference proceedings and journals as well as presentations and posters in national and international congresses.
Reviewer for scientific research journals
Biomedical Imaging and Intervention Journal, Medical Physics Journal, Radiation Protection Dosimetry Journal, Hellenic Radiology Journal, Physica Medica, European Radiology British Journal of Radiology.
Publications
100 publications, in SCI journals and national and international journals or conference proceedings.
More than 150 presentations and posters in national and international conferences.