

Carlos E. de Almeida PhD, FAAPM, FIOAMP
Dept of Radiological Sciences, Univ. of Rio de Janeiro, Brazil
Email: cea71@yahoo.com

Professor of Medical Physics since 1992, President, Brazilian Association of Medical Physics-1983-1985, Organizer of the World Congress on Medical Physics and Biomedical Engineering in Rio de Janeiro in 1994, with over 2000 attendees, great scientific meeting that resulted also in sizable profit shared by IUPESM/IOMP/IFMBE. Supervisor of 68 MSc and 28 PhD theses. Chairman of the first Professional M.Sc. Program in Medical Physics at the Rio de Janeiro University 2016- now. Helped setting up several Association of Medical Physics and the Regional Association of Medical Physics in Latin America (ALFIM).



Academic Qualifications:

BS, Physics 1967
Master in Medical Physics 1972, and
Ph.D. in Radiation Biophysics 1979, from M.D. Anderson
Hospital-University of Texas-Houston-USA.
Board Certified by the Brazilian Association of Medical Physics
and by the American Board of Medical Physics

Positions held:

- Senior Scientist, Brazilian Nuclear Energy Commission 1979 – 1992.
- Professor of Medical Physics 1992-till date
- Former Director of the Institute of Radiation Protection and Dosimetry-1980-1985.
- Founder of the Laboratório de Ciências Radiológicas Universidade do Estado do Rio de Janeiro- 1992
- Senior Researcher National Cancer Institute. 1992-2012.

Professional Activities:

- Visiting Scientist at the Rosewell Hospital Buffalo NY- 1992
- Visiting Scientist at the Institute Gustave Roussy- Paris 2007
- Visiting Scientist at the Institute Marie Curie – Paris, 2010.
- Head of the Primary Standard for the air-kerma project implemented at the SSDL - Institute of Radiation Protection and Dosimetry. 1987-1992
- Chairman National QA Program in Brazil- 1998-2000.
- Chairman of the National Training Program in Radiation Oncology involving Radiation Oncologists, Medical Physicists, Radiation Technologists and Radiation Oncology Nurses- 2016-2019
- Member of the IAEA SSDL Scientific Committee – 1984-1989. Expert of the IAEA in several scientific and educational projects during the last 20 years

- Served in many Committees of the International Organization of Medical Physics (IOMP) namely: Chairman of the Education and Training, Member of the Awards & Honors. Member of several Scientific Advisory Committees of IOMP Meetings.
- Member of the Independent Evaluation Committee of the National Radiation Laboratory, Ottawa- Canada 2018.
- Associated Editor of Medical Physics Journal 2006-2020.
- Chairman of the Board Certification Committee in Medical Physics for the Brazilian Association in Medical Physics – 1982.
- Served as an Expert for the IAEA and PAHO in several missions in Latin America
- Chairman of the first Professional M.Sc. Program in Medical Physics at the Rio de Janeiro University. 2016- now

Awards:

- Fellow AAPM 2001,
- Gold Medal Awarded by the Brazilian Society of Radiation Oncology- 2008,
- Fellow IOMP 2013, Prix. Becquerel Awarded by the Academie des Arts, Lettres and Sciences de Languedoc- France 2010,
- Honored with the Highest Medal Carneiro Felipe Awarded by the Brazilian Nuclear Energy Commission
- IOMP Award for International Day of Medical Physics in 2020.
- Recognized as one of the 50 selected Medical Physicist in the world for his outstanding contribution over the last 50 years by the International Organization in Medical Physics (2013).

Academic Supervisor:

Member of Examining Committee several MSc and PhD students in Brazil, France, Argentina. All in Medical Physics and Radiobiology and several Residents projects.

Publications:

Published over 200 papers in refereed Journals, in Medical Physics, Radiobiology and several Book chapters including IAEA TEC-DOCs and TRSs.

Presently, has finished a book on Special Topics in Medical Physics and Radiation Protection, Supervising 2 MSc and 2 Ph.D. students. Acting is two projects with the IAEA