

Redefining the Role of Physicists in Modern Healthcare

Medical Physics profession is now in the crossroads and the role of medical physicist has elevated in recent times to management and administration. World Health Organization implies the need of medical physicist in negotiation and supervision of maintenance of equipment.

American Association of Medical Physics has started a MP3.0 initiative with the following road map:

- a. Delineating the global definitions of excellence for medical physics in scholarship, innovation, patient care, leadership, and context-awareness.
- b. Clinical: Advancing medical physicists beyond the conformance-based technology-care provider to the scientific, quality-bound healthcare provider.
- c. Administrative: Modeling leadership and management skills and attributes for confident and effective practice (in collaboration with the Medical Physics Leadership Academy).
- d. Scientific: Setting the models of scientific excellence and innovation in all domains of medical physics in recognition of its interplay with associated disciplines (e.g. engineering, biomedicine, informatics).
- e. Educational: Encouraging updated and enhanced teaching skills to empower and to improve human health around the world.