

**Chester S. Reft, Ph.D., FAAPM**



Chester Reft received his BS in degree in physics from Carnegie Institute of Technology (now Carnegie Mellon University) in 1966. He then attended the University of Pittsburgh where he received his Ph.D. in physics in 1973. As a ROTC undergraduate, he then spent the next five years at the army Harry Diamond research Laboratory in Washington, D.C. After leaving the army, he spent four years at Old Dominion University in Virginia in a post doctoral position and then as an assistant professor in the physics department. In 1980 he accepted a retraining fellowship in medical physics at the University of Chicago. Following the two-year fellowship, he accepted a position as a clinical medical physics at the University of Chicago. Subsequently, he joined the faculty as a member of their graduate program in medical physics. His areas of research involved the precise in-vivo patient and in-phantom absorbed dose measurements in photon and electron radiation fields to verify the prescribed dose as well as to evaluate the dose to critical organs outside of the radiation field using thermoluminescent detectors and optically stimulated luminescent detectors. He investigated the potential use of these detectors for measuring the peripheral dose to patients from neutrons produced by photon beams with energies greater than 10 MV as well as from proton and carbon therapy beams.

Dr. Reft has been a member of the CAMPEP Residency Education Program Review Committee since 2011 and chaired the committee from 2013 to 2015.