

Dr. Clarke is the Branch Chief for Imaging Technology Development Branch, Cancer Imaging Program (CIP), Division of Cancer Treatment and Diagnosis, National Cancer Institute at NIH. In this capacity, he is responsible for the development of research strategies and initiatives for supporting new and emerging imaging technologies and methods that support both academia and industry communities to address the cancer problem. His responsibilities include the development of web assessable research resources for benchmarking the performance of new and emerging imaging platforms and clinical decision tools. Dr. Clarke oversees several research networks for the development of quantitative imaging methods for current and the next generation of imaging platforms and methods as required for future multi center clinical trials. Dr. Clarke has a detail assignment with National Institute of Bioengineering (NIBIB) and guest scientist at the National Institute of Standards and Technology, where his responsibility is to encourage performance standards for informatics and related clinical decision tools as applied to medical imaging.

Before joining NCI, Dr Clarke was a Professor of Radiology and Physics at the University of South Florida (USF), and a Program Leader for Digital Medical Imaging Program. He was also a full member of the NCI designated H. Lee Moffitt Cancer and Research Center at USF. He has previously worked at other cancers centers including University of Miami and the Memorial Sloan Kettering Cancer Center, NY, NY. Dr. Clarke has been active in academia over the last 30 years in the area of image processing for early cancer detection, cancer diagnosis and treatment response. He is a Fellow of the ISMRM and AAPM. He graduated with a PhD in physics at the National University of Ireland (1978) and an MS degree from Queens University of Belfast, Ireland (1968).