

Michael McNitt-Gray, PhD, DABR

Dr. Michael McNitt-Gray is Professor of Radiological Sciences in the David Geffen School of Medicine at UCLA. He is also the Director of the Biomedical Physics Graduate Program there. He received his PhD in Biomedical Physics from UCLA in 1993, his MSEE from Carnegie-Mellon University in 1980 and his BSEE from Washington University in St. Louis in 1979. He is ABR Certified in Diagnostic Medical Physics since 1998. His current research interests include investigations into X-ray computed tomography (CT) imaging with the goal of maximizing the information that can be extracted from the resulting image data. These activities include research into: (a) the physics of CT image acquisition including estimating radiation dose and assessing image quality; and (b) the standardization of imaging techniques in clinical trials, especially when extracting quantitative data of size, shape and density from image data. Dr. McNitt-Gray currently serves on the ICRU Committee on Image Quality and Patient Dose in Computed Tomography, the ACR CT Accreditation Program Physics subcommittee as well as various AAPM, RSNA and SPIE technical and scientific program committees and is participating in the RSNA's Quantitative Imaging Biomarkers Alliance (QIBA) activities.