



SOCIETY OF
CARDIOVASCULAR
COMPUTED TOMOGRAPHY

J. Jeffrey Carr, MD, MSc.

Professor of Radiologic Sciences, Public Health Sciences (Section of Epidemiology), Internal Medicine (Section of Cardiology), Translational Sciences Director Biomedical Informatics Program, Translational Sciences Institute Wake Forest University School of Medicine Winston-Salem, North Carolina.

Dr. Carr is a graduate of Vanderbilt University School of Medicine; he completed a residency in diagnostic radiology at Wake Forest University and a fellowship in magnetic resonance imaging at the Hospital of the University of Pennsylvania. He is certified by the National Board of Medical Examiners and is a diplomat of the American Board of Radiology. He is a fellow of the American College of Radiology, the American Heart Association and the American College of Cardiology.

His clinical practice includes cardiovascular imaging with MRI, CT, and ultrasound in a multi-disciplinary academic setting. His research focus is combining imaging techniques with population-based research to provide insight into how atherosclerosis and obesity influence cardiovascular disease. He has extensive experience in translational science with research including the use of animal models, including non-human primates, for atherosclerosis, obesity and cancer. He has performed technology assessment and clinical validation of several imaging modalities including: digital portable chest radiography (pneumothorax detection), digital mammography (breast cancer detection), cardiac CT (coronary artery disease), bone mineral density (osteoporosis) and adiposity (obesity and metabolic syndrome). Dr. Carr has extensive expertise in clinical and research imaging spanning a range of technologies (MRI, CT, ultrasound, nuclear medicine, PET and radiography). Dr. Carr is extramurally supported by the National Institutes of Health (NIH) and has an established laboratory for analyzing multiple modalities for large-scale research initiatives including prior work in: Multi-Ethnic Study of Atherosclerosis, Women's Health Initiative, Jackson Heart Study and the Coronary Artery Risk Development in Young Adults (CARDIA). Dr. Carr serves on a variety of committees and scientific review groups for RSNA, American Heart Association, and others, and is a consultant to the National Institutes of Health. Dr. Carr lectures widely and is an author of peer-reviewed articles published in *Radiology*, *Stroke*, *Diabetes*, *Bone*, *ATVB*, *Circulation*, *American Journal of Cardiology* and *The New England Journal of Medicine*.