

THE UNIVERSITY OF MICHIGAN

Regents Communication

ACTION REQUEST

Subject: Report of Faculty Retirement

Action Requested: Adoption of Retirement Memoir

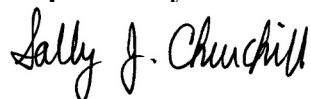
Donald A. Roberts, Ph.D., clinical professor of radiation oncology in the Medical School, retired from active faculty status on March 29, 2024.

Dr. Roberts received his Ph.D. degree from the University of Wyoming in 1987. He completed a research fellowship in physics in 1992 and a research fellowship in radiation oncology in 2004 both at the University of Michigan. He completed his radiation oncology physics residency in 2006 at the University of Michigan. Dr. Roberts began his professional career joining the University of Michigan faculty in the Department of Physics as a research scientist in LSA in 1992 and later joining the faculty in the Department of Radiation Oncology in 2006 as a clinical instructor. He was promoted throughout the ranks becoming clinical professor in 2023.

Over 38 years, Dr. Roberts has made significant contributions through his research and leadership roles. He has a long history of precision measurements and expertise in instrumental design and response. He has written several papers on precision dosimetric measurements used in quality assurance measurements. Dr. Roberts has served as a journal reviewer for numerous prestigious journals, such as *Medical Physics* and the *Journal of Applied Clinical Medical Physics*. In his leadership role, Dr. Roberts served as the head of the machine operations group. He has been responsible since 2006 for the commissioning of the linear accelerators and computed tomography (CT) scanners within the department. Dr. Roberts also designed and commissioned the quality assurance program used to assure patient plan quality for VMAT plans. Dr. Roberts has acted as the instructor of record for the radiation therapy technologist (RTT) students' physics classes (Physics 431 and Physics 432) from 2007 to 2017. Dr. Roberts was responsible for course planning, organizing, and oversight, acting as liaison with the director of the RTT program. In the 2017-2018 academic year, he was awarded the Outstanding Physics Teacher Award by the physician residents in the Department of Radiation Oncology. Dr. Roberts wrote and supported a quality assurance database, Michigan Quality Assurance ((MQA), that has been used clinically for all therapy machine-related mechanical tests since 2014. His research has focused on advanced treatment delivery methods and quality assurance measurements. His contributions to the field of medical physics have been immeasurable.

The Regents now salute this distinguished faculty member by naming **Donald Roberts, clinical professor emeritus of radiation oncology**.

Requested by:



Sally J. Churchill, J.D.
Vice President and Secretary of the University

March 2024