

THE UNIVERSITY OF MICHIGAN

Regents Communication

ACTION REQUEST

Subject: Report of Faculty Retirement

Action Requested: Adoption of Retirement Memoir

Marc L. Kessler, Ph.D., Allen S. Lichter M.D. Professor of Radiation Oncology and clinical professor of radiation oncology in the Medical School, retired from active faculty status on September 02, 2024.

Professor Kessler received his B.S. degree in physics, with highest honors from the University of Florida in 1981, and his Ph.D. degree in biophysics from the University of California, Berkeley in 1989. He joined the University of Michigan faculty as an instructor in the Department of Radiation Oncology in 1989, and was promoted to assistant professor in 1992, clinical associate professor in 2005, and clinical professor in 2012.

Professor Kessler is well respected nationally and internationally for the design, development, and clinical implementation of software tools that allow the quantitative use of three-dimensional multimodality image and dose data to optimize radiation therapy treatment planning and delivery. Many of these software tools have been successfully commercialized in treatment planning and delivery systems and are now considered standard of care in radiation oncology. As founding chair of the American Association of Physicists in Medicine Task Group #132, Dr. Kessler led the nationwide effort to develop and publish recommendations for the safe use of these tools in the clinical setting. Dr. Kessler has presented over 75 invited lectures, educational sessions, and technical seminars to diverse audiences at academic institutions and conferences around the world. Locally, he has mentored 11 graduate students, participated on six Ph.D. dissertation committees, and supervised four post-doctoral research fellows. As director of the Winter Institute of Medical Physics since 2014, Dr. Kessler developed a unique early career mentorship program which has awarded 76 scholarships to graduate students, post-doctoral fellows, clinical physics residents, and young assistant professors. He has a strong and diverse history of funding from NIH/NCI grants, industry collaborations, and academic partnerships and has 75 publications in prominent peer reviewed journals. For his service and significant contributions to the field of medical physics, Dr. Kessler was named a fellow of the American Association of Physicists in Medicine in 2014 and the Allen S. Lichter M.D. Professor of Radiation Oncology at the University of Michigan in 2011.

The Regents now salute this distinguished faculty member by naming **Marc L. Kessler, Allen S. Lichter M.D. Professor Emeritus of Radiation Oncology and clinical professor emeritus of radiation oncology.**

Requested by:



Jon Kinsey
Vice President and Secretary of the University

July 2024