

THE UNIVERSITY OF MICHIGAN

Regents Communication

ACTION REQUEST

Subject: Report of Faculty Retirement

Action Requested: Adoption of Retirement Memoir

John F. Mansfield, Ph.D., associate research scientist in the Department of Materials Science and Engineering, College of Engineering, retired from active faculty status on March 19, 2018.

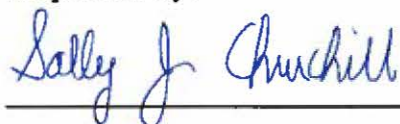
Dr. Mansfield received his B.Sc., M.Sc., and Ph.D. degrees from the University of Bristol in 1979, 1980, and 1983, respectively. He served as a post-doctoral assistant at the University of Bristol in 1983 and as a post-doctoral appointee at the Argonne National Laboratory from 1984-86. Dr. Mansfield was a visiting scientist at the Microelectronics Center of North Carolina from 1986-87. He joined the University of Michigan faculty as an assistant research scientist in 1987, and was promoted to associate research scientist in 1994.

Dr. Mansfield's research focused on the application of advanced microscopy techniques to the chemical, morphological, and crystallographic characterization of a wide variety of materials. He served as the laboratory manager of the University of Michigan Electron Microbeam Analysis Laboratory (EMAL) from 1987-2005, then as the laboratory manager and associate laboratory director from 2005-15. In 2015, when EMAL was renamed as the Michigan Center for Materials Characterization ((MC)²), Dr. Mansfield was promoted to director of education and engagement, a position that he held until his retirement.

In his position in the EMAL/(MC)², Dr. Mansfield taught, mentored, and collaborated with over 6,110 undergraduate students, graduate students, and post-doctoral researchers in the field of nanoscale materials characterization. He taught the introductory electron microscopy course MSE562, over a dozen different techniques seminars for new users to EMAL/(MC)², modules of the College of Engineering's Responsible Conduct for Research and Scholarship, and numerous guest lectures in electron microscopy techniques across campus. His efforts were always focused on student success and have ensured that graduate practitioners in advanced materials characterization are among the most proficient in the field, both nationally and internationally. In addition, his numerous contributions to the university have included ensuring that external funding was secured to maintain the EMAL/(MC)² as a world-class facility for materials science research.

The Regents now salute this distinguished faculty member by naming **John F. Mansfield, associate research scientist emeritus**.

Requested by:



Sally J. Churchill, J.D.

Vice President and Secretary of the University

March 2019