

THE UNIVERSITY OF MICHIGAN

Regents Communication

ACTION REQUEST

Subject: Report of Faculty Retirement

Action Requested: Adoption of Retirement Memoir

David M. Lubman, Ph.D., professor of surgery in the Medical School, retired from active faculty status on November 29, 2022.

Professor Lubman received his A.B. degree (1975) from Cornell University, College of Arts and Sciences, his M.A. degree (1976) from Columbia University, and his Ph.D. degree (1979) from Stanford University. He worked for Quanta-Ray, a high-tech laser company in the Stanford area, between 1979-1983 and was a visiting fellow at the Weizmann Institute in Rehovot, Israel during 1980-1981. He was appointed as an assistant professor at the University of Michigan in 1983 in the Department of Chemistry in LSA, and promoted with tenure to associate professor in 1987. He was then promoted to professor in 1991. In 2005, he moved to the Department of Surgery in the UM Medical Center where he became the Maud T. Lane Professor of Surgical Immunology, professor of surgery and professor of pathology with associate appointments in bioinformatics and the Cancer Center.

Professor Lubman came to the UM as an expert in the use of lasers for chemical detection, laser spectroscopy and instrumentation development for mass spectrometry. During the years his research migrated to the use of lasers and mass spectrometry for detection and analysis of large proteins and DNA in patient samples and for difficult biological problems. Further work led to efforts to use liquid separation methods to map cells, patient serum and other biofluids for cancer research. These efforts led to several new instrumental methods some of which were later commercialized and used by the broader proteomics community including protein microarrays, 2D Liquid Separations and Mass Spec based instrumentation. The work on cancer progression and cancer biomarkers involved several different types of cancers including pancreatic, ovarian, breast, colon, prostate, liver, melanoma and esophageal among others. This work directly involved the joint efforts of Dr. Lubman's group and various clinical groups in the Medical Center. More recently his group has been focused on new methods for biomarker studies for early detection of cancer including analysis of glycoproteins and exosomes in patient serum. During the past 40+ years, Dr. Lubman has been funded through the DOD, ARO, NSF, NIH and NCI for his work and has also been funded through various companies and foundations. He was awarded a Sloan Foundation Fellowship and the Meggers Award of the Society for Applied Spectroscopy. He has been a fellow of the AAAS since 2002 and has been a member of over 20 editorial boards for various journals. He has graduated 57 Ph.D. and 10 M.A. students from his lab and has had over 40 postdoctorals, visiting scientists and medical fellows in his group.

The Regents now salute this distinguished faculty member by naming **David M. Lubman, professor emeritus of surgery.**



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

October 2022

Requested by:

Sally J. Churchill

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