

THE UNIVERSITY OF MICHIGAN

Regents Communication

Adopted by the Regents

September 17, 2009

ACTION REQUEST

Subject: Report of Faculty Retirement

Action Requested: Adoption of Retirement Memoir

Noemi G. Mirkin, Ph.D., associate research scientist, Biophysics Research Division, College of Literature, Science, and the Arts, retired from active faculty status on June 30, 2009.

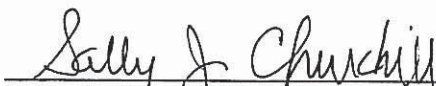
Dr. Mirkin received her Licenciado degree from the Universidad Nacional de Tucumán, Argentina in 1973, and her M.Sc. and Ph.D. degrees from the University of Michigan in 1983 and 1989, respectively. She joined the University of Michigan as a research fellow in the Biophysics Research Division (BRD) in 1989, and was promoted to assistant research scientist in 1992, and associate research scientist in 2005.

Dr. Mirkin's research focused primarily on two areas. The first, molecular orbital calculations on peptides and proteins, was designed to provide more physically rigorous predictions of the three-dimensional structures of these molecules from analyses of their infrared and Raman spectra. Her other major focus involved quantum mechanical calculations associated with a program to develop more physically accurate potential energy functions for the modeling of structure and dynamics in biological systems. From 1996-99 she was co-principle investigator on the National Science Foundation sponsored project, "Energy Functions for Spectroscopy and Dynamics of Proteins." She has published in numerous leading scientific journals and her research contributions have been vital to the success of BRD programs.

Dr. Mirkin was a lecturer in physics and biophysics and was an active member of the University community. She served on the executive and program committees of the BRD, was on the boards of the University of Michigan Alumni Association and the Hispanic Alumni Council, and was a faculty advisor to the graduate student chapter of the Association for Women in Science (AWS). Her professional affiliations included the Committee on International Freedom of Scientists, the Forum on International Physics of the American Physical Society, and the Detroit area chapter of AWS. A role model for women in science, she was a recipient of the Distinguished Alumni Service Award (1999) and the Sarah Goddard Power Award (2002).

The Regents now salute this distinguished researcher and teacher by naming **Noemi G. Mirkin associate research scientist emerita**.

Requested by:



Sally J. Churchill, J.D.

Vice President and Secretary of the University

September 2009