

THE UNIVERSITY OF MICHIGAN

Regents Communication

ACTION REQUEST

Subject: Report of Faculty Retirement

Action Requested: Adoption of Retirement Memoir

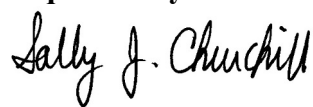
Jennifer J. Linderman, Ph.D., Pamela Raymond Collegiate Professor of Engineering, professor of chemical engineering, and professor of biomedical engineering in the College of Engineering, retired from active faculty status on December 31, 2023.

Professor Linderman received her B.S. (1982) degree from the University of Rochester and her M.S.E (1984) and Ph.D. (1987) degrees from the University of Pennsylvania. She joined the University of Michigan faculty as an assistant professor, the first woman faculty member hired into the Department of Chemical Engineering, in 1989, and was promoted to associate professor in 1995, and professor in 2003. Professor Linderman served as director (2016-2023), associate director (2014-2016), and acting director (2012-2013) of the University of Michigan ADVANCE Program. She served as the associate dean for graduate education in the College of Engineering from 2014 to 2016.

Professor Linderman develops mathematical and computational models to understand how molecular, cellular, and tissue-level processes interact to impact disease progression and treatment. Her focus is on modeling methodology, receptor kinetics, cell signaling pathways, tuberculosis, and cancer. She and her students developed the first spatial models for antibiotic treatment of tuberculosis, using them to narrow the design space for therapy and to understand patient-to-patient variability. She co-authored a widely used graduate text, *Receptors: Models for Binding, Trafficking, and Signaling*, nearly 150 refereed publications, and graduated 29 Ph.D. students. With the ADVANCE Program, she worked with faculty and staff from across the university to improve faculty recruitment, mentoring, leadership development, workplace climate, and retention. Professor Linderman received numerous honors during her 35 years at U-M, including the NSF Presidential Young Investigator Award, the U-M Faculty Recognition Award, the College of Engineering Teaching Excellence Award, the Harold R. Johnson Diversity Service Award, and the Rackham Distinguished Graduate Mentor Award. She is a fellow of the American Institute for Medical and Biological Engineering. For decades, her mentorship has profoundly influenced students and faculty, forging a lasting legacy of inspiration and growth.

The Regents now salute this distinguished faculty member by naming **Jennifer J. Linderman, Pamela Raymond Collegiate Professor Emerita of Engineering, professor emerita of chemical engineering, and professor emerita of biomedical engineering.**

Requested by:



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

March 2024