Menachem Elimelech



Professor Elimelech received his B.S. and M.S. degrees from the Hebrew University in Jerusalem and his Ph.D. in Environmental Engineering from Johns Hopkins University. His research interests include (i) environmental applications and implications of nanomaterials, (ii) membrane separations for desalination and water quality control, and (iii) engineered osmosis for sustainable production of water and power.

Professor Elimelech was elected to the National Academy of Engineering in 2006 and was awarded the Athalie Richardson Irvine Clarke Prize in 2005.

Professor Elimelech has authored 200 refereed journal publications and is a co-author of the book Particle Deposition and Aggregation (1995). He currently serves on the Editorial Advisory Boards of Colloids and Surfaces A, Desalination, Desalination and Water Treatment, Environmental Science & Technology, Environmental Engineering Science, Journal of Membrane Science, Langmuir, and Separation Science and Technology.

Professor Elimelech has advised 26 Ph.D. students and 16 postdoctoral researchers. He has received the W.M. Keck Foundation Engineering Teaching Excellence Award in 1994, the Yale University Graduate Mentor Award in 2004, and the Yale University Liza Cariaga-Lo Faculty Award for Diversity in Scholarship and Service in 2010.