

Mark R. Wiesner holds the James L. Meriam Chair in Civil and Environmental Engineering at Duke University where he has appointments in the Pratt School of Engineering and the Nicholas School of Environment. He serves as Director of the National Science Foundation's Center for the Environmental Implications of NanoTechnology (CEINT). Dr. Wiesner's research established the area of environmental nanotechnology, examining the application of nanotechnologies for environmental quality control and the possible environmental implications of nanomaterials. He co-edited/authored the book "Environmental Nanotechnologies" and serves as Associate Editor of the journals *Nanotoxicology* and *Environmental Engineering Science*. Professor Wiesner also pioneered research in area of applications of low-pressure membranes to water treatment. He co-edited and -authored the book "Water Treatment Membrane Process," served as the founding Chair of the American Water Works Association's Membrane Research Committee, and serves on the editorial board of the journal *Desalination*. Professor Wiesner is a Fellow of the American Society of Civil Engineers, the American Association for the Advancement of Science, and the International Water Association.

Before joining the Duke University faculty in 2006, Professor Wiesner was a member of the Rice University faculty for 18 years where he held appointments in the Departments of Civil and Environmental Engineering and Chemical Engineering and served as Associate Dean of Engineering, and Director of the Environmental and Energy Systems Institute. Prior to working in academia, Dr. Wiesner was a Research Engineer with the French company the Lyonnaise des Eaux, in Le Pecq, France, and a Principal Engineer with the Environmental Engineering Consulting firm of Malcolm Pirnie, Inc., White Plains, NY. Wiesner received the 1995 Rudolf Hering medal from the American Society of Civil Engineers and the 2004 Frontiers in Research Award from the Association of Environmental Engineering and Science Professors. In 2004 Dr. Wiesner was also named a "de Fermat Laureate" and was awarded an International Chair of Excellence at the Chemical Engineering Lab of the French Polytechnic Institute and National Institute for Applied Sciences in Toulouse, France. Wiesner was the 2011 recipient of the Clarke Water Prize for his work in improving water quality through advancements in membrane and nanotechnology research. He currently serves as the President-Elect of the Association of Environmental Engineering and Science Professors (AEESP).