

2002 Clarke Prize Laureate

Harry F. Ridgway, Ph.D.

President

AquaMem Consultants

For over 25 years, Dr. Ridgway has pioneered significant studies on membrane technology, particularly the discovery of the crucial role that microorganisms play in influencing the structure, function, and effectiveness of membrane materials used in purifying water and wastewater (the process is known as biofouling). He has also developed new methodologies to observe, measure, and quantify bacterial attachment to membranes under controlled conditions in the laboratory.



Because of his many accomplishments, nearly every membrane manufacturer in the world has worked directly with Dr. Ridgway to test and reformulate their newest and most advanced membrane materials to reduce the effects of biofouling. In addition, today's membrane processes are much more efficient and less costly due to research and developments made possible by his work. At present, Dr. Ridgway is President of his own company, AquaMem Consultants, in Las Cruces, New Mexico.