

2001 Clarke Prize Laureate

Joan B. Rose, Ph.D.

*Homer Nowlin Endowed Chair for Water Research
Michigan State University*

For more than 20 years, Dr. Rose has made groundbreaking advances in understanding water quality and protecting public health. She is widely regarded as the world's foremost authority on the microorganism *Cryptosporidium* and was the first person to present a method for detecting this important pathogen in water supplies. She was also the principal investigator during the deadly outbreak of *Cryptosporidium* in Milwaukee, Wisconsin, and in Carrollton, Georgia.



Dr. Rose has published more than 200 papers and articles on microbial water-quality issues. She has also advised Congress during the reauthorization of the Safe Drinking Water Act and was named as one of the 21 most influential people in water in the twenty-first century by *Water Technology Magazine* (2000). Currently, she serves as Chair of the Science Advisory Board for the U.S. Environmental Protection Agency's Drinking Water Committee and as Co-Director of the Center for Water Sciences (which includes work with the Great Lakes and Human Health Center of the National Oceanic & Atmospheric Administration) at Michigan State University, where she is also Director of the Center for Advancing Microbial Risk Assessment.