

George Perry

Dr. George Perry obtained his bachelor of arts in zoology with high honors from the University of California at Santa Barbara in 1974 and completed his Ph.D. in marine biology from the Scripps Institution of Oceanography, University of California, San Diego in 1979. After postdoctoral studies in cell biology at Baylor College of Medicine, Dr. Perry joined the faculty of Case Western Reserve University in 1982 as an Assistant Professor and has been a Professor since 1994. He was named Fellow by the American Association for the Advancement of Science in 1998. From 2001 through 2005, he was the Interim-Chair of the Department of Pathology at Case and has since become the Dean of the College of Sciences at the University of Texas at San Antonio as of January 2006. Besides his roles as Dean and Professor, Dr. Perry is very active with editorial work and is an internationally known invited lecturer and has numerous papers, presentations and publications to his credit.

Dr. Perry's studies are focused on the mechanism of formation and physiological consequences of the cytopathology of Alzheimer disease. Dr. Perry's group has shown that oxidative damage is the initial cytopathological abnormality in Alzheimer disease. They are working to determine the sequence of events leading to neuronal oxidative damage and the source of the increased oxygen radicals. Current studies focus on three issues: (i) the metabolic basis for the mitochondrial damage restricted to vulnerable neurons; (ii) the consequences of RNA oxidation on protein synthesis rate and fidelity; and (iii) role of phosphorylation in controlling oxidative adduction.