

Edwin M. Stone, M.D., Ph.D.

Dr. Stone is the director of the University of Iowa Stephen A. Wynn Institute for Vision Research, the Seamans-Hauser Chair of Molecular Ophthalmology, professor of ophthalmology at the University of Iowa Roy J. and Lucille A. Carver College of Medicine, and an investigator of the Howard Hughes Medical Institute.

He received his Ph.D. degree in cell biology and an M.D. degree from Baylor College of Medicine. Dr. Stone completed a residency in ophthalmology and a fellowship in vitreoretinal diseases and surgery at the University of Iowa. His research is focused on inherited eye diseases, with a special interest in locating and characterizing genes that cause photoreceptor disease.

He is also very interested in strategies for bringing new genetic discoveries to the clinic as rapidly as possible. In collaboration with Val Sheffield, M.D., Ph.D. (HHMI investigator, the University of Iowa), he has identified many genes responsible for important human eye diseases and characterized these in large international patient populations. Recently, he has also begun to tap the power of skin-derived adult stem cells for elucidating disease mechanisms and for developing vision restoring therapy.