

David Pepperberg

University of Illinois at Chicago

David Pepperberg received his BS (Physics, 1966) and PhD (Biophysics, 1973) from MIT, and from 1973-76 was a postdoc at Harvard (lab of Dr. John Dowling). In 1983 David joined the Dept. of Ophthalmology and Visual Sciences at the University of Illinois at Chicago, where he is now Searls-Schenk Professor. Among his awards/honors are a Robert E. McCormick Scholar Award and a Senior Scientific Investigator Award from Research to Prevent Blindness. David's research focuses on determining mechanisms of light and dark adaptation in retinal photoreceptors, and, in a recently initiated project that is the subject of his talk at the NEI-ARVO 2005 course, on developing nanoscale structures that can interface with postsynaptic membrane receptors in diseased retina.