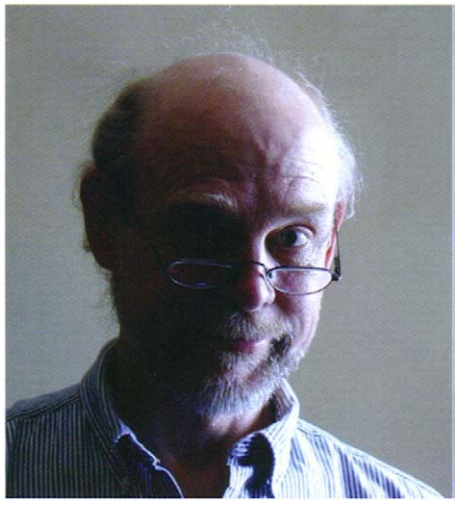
ABOUT THE AUTHOR



Colin Ware, PhD, had an early interest in both art and science, which eventually led to a fascination with the effective display of information. He grew up in England and obtained a Bachelor of Science degree in psychology from Durham University. He moved to Canada to attend Dalhousie University, where he studied stereoscopic depth perception and completed a Master's degree in psychology. At this point, he left the academic world in an attempt to become an artist. But he continued to study on his own, pursuing the idea of applying the science of visual perception to the study of art.

After three years, he returned to academia to study picture perception under John Kennedy at the University of Toronto. This turned into a study of form perception, and he received his doctorate in psychology in 1980. He moved to Ottawa to work at the National Research Council with William Cowan and Gunter Wyszecki on problems of color perception. With Cowan, he conducted a series of applied color tutorials at SIGGRAPH. These fueled an emerging interest in computing and information display, which led him to the University of Waterloo to do an MMath (Master's degree in mathematics) in computer science, investigating the use of color

for discrete information display. At the age of 35 he obtained his first "real" job at the University of New Brunswick, where for 14 years he concentrated his research on interactive display techniques.

Dr. Ware has published over 100 articles in scientific and technical journals and at leading conferences. Many of these relate to the use of color, texture, motion, and interactive 3D displays for information visualization. His approach is always to combine theory with practice, and his publications range from rigorously scientific contributions to the *Journal of Physiology* and *Vision Research* to applications-oriented articles in *ACM Transactions on Graphics* and *IEEE Transactions on Systems, Man and Cybernetics.*

Ware also takes pride in building useful visualization systems. While at the University of New Brunswick, he was instrumental in the creation of two spin-off visualization companies based initially on his research. Interactive Visualization Systems Inc. makes Fledermaus, a visualization software for advanced ocean-mapping applications. NVision Software Systems Inc. provided visualization tools to enhance the understanding of large, highly interconnected datasets.

Professor Ware currently directs the Data Visualization Research Lab, which is part of the Center for Coastal and Ocean Mapping at the University of New Hampshire. Among other projects, his team is developing GeoZui3D, an experimental zooming 3D geographical data visualization system, and a very high–resolution stereoscopic display system.