

# Biography Brian A. WANDELL

Brian A. Wandell is the first Isaac and Madeline Stein Family Professor. He joined the Stanford Psychology faculty in 1979 and is a member, by courtesy, of Electrical Engineering, Ophthalmology, and Radiology. Wandell is the founding director of Stanford's Center for Cognitive and Neurobiological Imaging, and the Deputy Director of the Stanford Neuroscience Institute. His research centers on vision science, spanning topics from visual disorders, reading development in children, to digital imaging devices and algorithms for both magnetic resonance imaging and digital imaging. Wandell's work in visual neuroscience uses functional, structural and quantitative MRI along with behavior testing and computational modeling to understand the action of the visual portions of the brain. He is the author of the vision science textbook *Foundations of Vision*. He has served as a consultant and technical advisor for a number of corporations and has patented some of the products of his work.

In 1986, Wandell won the Troland Research Award from the National Academy of Sciences for his work in color vision. He was made a fellow of the Optical Society of America in 1990; in 1997 he became a McKnight Senior Investigator and received the Edridge Green Medal in Ophthalmology for work in visual neuroscience. In 2000, he was awarded the Macbeth Prize from the Inter-Society Color Council, and in 2007 he was named Electronic Imaging Scientist of the Year by the SPIE/IS&T, and he was awarded the Tillyer Prize from the Optical Society of America in 2008. He was elected to the American Academy of Arts and Sciences in 2011. Oberdorfer Award from the Association for Research in Vision and Ophthalmology, 2012. Wandell was elected to the US National Academy of Sciences in 2003.