Barrow scientists solve 200-year-old scientific debate involving visual illusions
November 21, 2008

Neuroscientists at Barrow Neurological Institute at St. Joseph’s Hospital and Medical Center have discovered a direct link between eye movements and the perception of illusory motion that solves a 200-year-old debate.

Stephen Macknik, PhD, director of the Laboratory of Behavioral Neuropsychology; Susana Martinez-Conde, PhD, director of the Laboratory of Visual Neuroscience; Xoana G. Troncoso, PhD, and Jorge Otero-Millan, conducted a study based on the Enigma painting, a visual illusion in which rotational motion is seen within a stationary image. The artwork has been at the center of a debate over whether the brain or the eye is behind the perception of illusory motion.

Science Current Events
First great deals and steals! Compare products, prices & stores
www.Shopping.com

Science News
Reports, Articles, Trends & News on the Latest Technology - Read Now!
www.washingtongpost.com

Current Science News
Watch BBC World News America Weeknights at 7 & 10pm ET
www.bbc.co.uk/currentnews

Schizophrenia: Delusion without illusion
Scientists have discovered that schizophrenia sufferers are not fooled by a visual illusion and are able to judge it more accurately than non-schizophrenic observers.

Related Visual Illusion Current Events and Visual Illusion News Articles
'Twinkle after-effect' can help retinal patients detect vision loss quickly and cheaply
Scientists at Slope's Eye Research Institute, an affiliate of Harvard Medical School, have discovered a simple and inexpensive way for patients with retinal and other eye disease to keep track of changes in their vision loss.

'Twinkle' eye test could improve AMD diagnosis
Scientists at UCL (University College London) have developed a more reliable test for detecting vision loss in people with age-related macular disease (AMD), the leading cause of blindness in the UK and US. The method, which centres on a visual illusion, could lead to earlier self-diagnosis of sight deterioration - encouraging patients to access medical assistance earlier on and potentially delay loss of vision.

'Twinkle after effect' can help retinal patients detect vision loss quickly and cheaply
Scientists at Slope's Eye Research Institute have discovered a simple and inexpensive way for patients with retinal and other eye disease to keep track of changes in their vision loss.

Wired for sound: How the brain senses visual illusions
In a study that could help reveal how illusions are produced in the brain's visual cortex, researchers at the UCSD School of Medicine have found new evidence of rapid integration of auditory and visual sensations in the brain.

Schizophrenia: Delusion without illusion
Scientists have discovered that schizophrenia sufferers are not fooled by a visual illusion and are able to judge it more accurately than non-schizophrenic observers.

More Visual Illusion Current Events and Visual Illusion News Articles
Optical Illusions: The Science of Visual Perception (Illusion Works)
by Al Seckel
Seeing is not always believing. Optical illusions is an intriguing collection of baffling images and shapes that change before your eyes: hidden figures, incredible designs and dazzling graphic patterns. The book includes such well-known optical illusions as Shepard's Tabletop, Wade's Spiral, the Floating Finger illusion, Ames Room, and Rubin's Face/Vase illusion. There are more than 275...