

Navigation Links

[Biology News](#)[Medicine News](#)[Biology Products](#)[Medicine Products](#)[Biology Definition](#)[Medicine Definition](#)[Biology Technology](#)[Medicine Technology](#)[Biology Dictionary](#)[Medicine Dictionary](#)

Biology Navigation

[AIDS/HIV](#)[Bioinformatics](#)[Biotechnology](#)[Biochemistry](#)[Cancer](#)[Cell Biology](#)[Developmental Biology](#)[Ecology](#)[Environment](#)[Evolution](#)[Food Technology](#)[Gene](#)[Genetics](#)[HOME](#) >> [MEDICINE](#) >> [NEWS](#)[M martinez](#) [conde](#)

The truth behind 'Where's Waldo?'

Date: 3/3/2009 [\[Outline\]](#) [\[RSS & Subscription\]](#)

[Multiple Sclerosis Study](#)

Relapse Remitting MS Clinical Trial Treatments for Multiple Sclerosis.

www.Atams-Study.com

[Cervical Cancer Diagnosis](#)

Learn About Chemotherapy and How it is Used to Treat Cervical Cancer.

www.chemotherapy.com

[Eye Gaze - DynaVox EyeMax](#)

Speech, Computing, Infrared Remote Control for

ALS, CP, Stroke and TBI

www.dynavoxtech.com



Ads by Google

simultaneously recorded. Results showed that the rate of microsaccades tiny, jerk-like fixational eye movements dramatically increased when participants found Waldo.

"This discovery helps explain human searching behavior, which can assist us in finding keys on a cluttered desk or recognizing a child's face on a playground," says Dr. [martinez-conde](#).

The central role of microsaccades in visual perception has been a highly debated, and vaguely understood, topic among researchers for decades. The results from the [martinez-conde lab](#) may help explain the correlation between microsaccades and search behavior, both in the normal brain, and in brains with visual or eye movement deficits.

"We now know there is a direct link between microsaccades and how we search for objects of interest," says Dr. [martinez-conde](#). "This link can help with future advancements such as creating neural prosthetics for patients with brain damage or machines that can see as well as humans."

With assistance from the classic book character Where's Waldo?, researchers at Barrow Neurological Institute at St. Joseph's Hospital and Medical Center have recently made a major advance in understanding how the brain searches for objects of interest.

Susana [martinez-Conde](#), PhD, and fellow researchers Jorge Otero-Millan, Xoana Troncoso, PhD, Stephen Macknik, PhD, and Ignacio Serrano-Pedraza, PhD, recently conducted a study asking participants to find Waldo. As participants searched, their eye movements were

Breaking Medicine News (10)

[0] DW Healthcare Partners and BB&T Capital Partners Invest in Career Step, LLC

[0] Total Source Manufacturing (TSMFG.com) - A Contamination Control Pioneer

[0] Experimental Drug May Dampen Severe Asthma

[0] Depression increases risk for heart disease more than genetics or environment

Other Medicine News:

Breaking Medicine Technology:

[1] Aerovance Initiates Phase IIb Clinical Trial with Aerovant(TM) for the Treatment of Uncontrolled Asthma

[0] Elbow Ligament Reconstruction Appears Not to Affect Future Professional Advancement in Baseball

[0] MannKind Updates Status of NDA Submission for AFRESA

[0] Scientists Discover Why Teeth Form in a Single Row

Other Medicine Technology:

Medicine Products:

Te, Urine

Tay-Sachs, Pregnant

Tartrate Resistant Acid Phosphatase Stain

Tagamet, Urine