

New Theory on the Physics of Consciousness Says: It's the Magnetic fields in the Brain

What does it feel like to be a magnetic field from millions of magnets? It feels like awareness. That's how a neuroscientist explains the physics of awareness.

SAN FRANCISCO, CA, USA, December 5, 2019 /EINPresswire.com/ -- What does it feel like to be a magnetic field, coming from millions of magnets? It feels like consciousness. That's how neuroscientist Todd Murphy explains the physics of awareness.

In a research publication released 11/19, he suggests that consciousness is a basic property of all magnetic fields, including the one in the brain (with its five million magnetite crystals per gram). The brain's magnetic field, coming from these microscopic magnets, "sees" the brain's electrical activity, letting us know what it's doing. The many positive and negative poles of the brain's magnets serve as in/out feedback channels, essential for awareness, allowing our brain's complex magnetic field to support vast feedback mechanisms.

Prof. Todd Murphy points out that electrical currents in brain cells also create magnetism (Maxwell's Equations), influencing the fields from the brain's magnetite. Its magnetic field (consciousness) "picks up," or resonates with, information encoded in neuronal electric pulses, coming from emotions, thoughts, and the senses.

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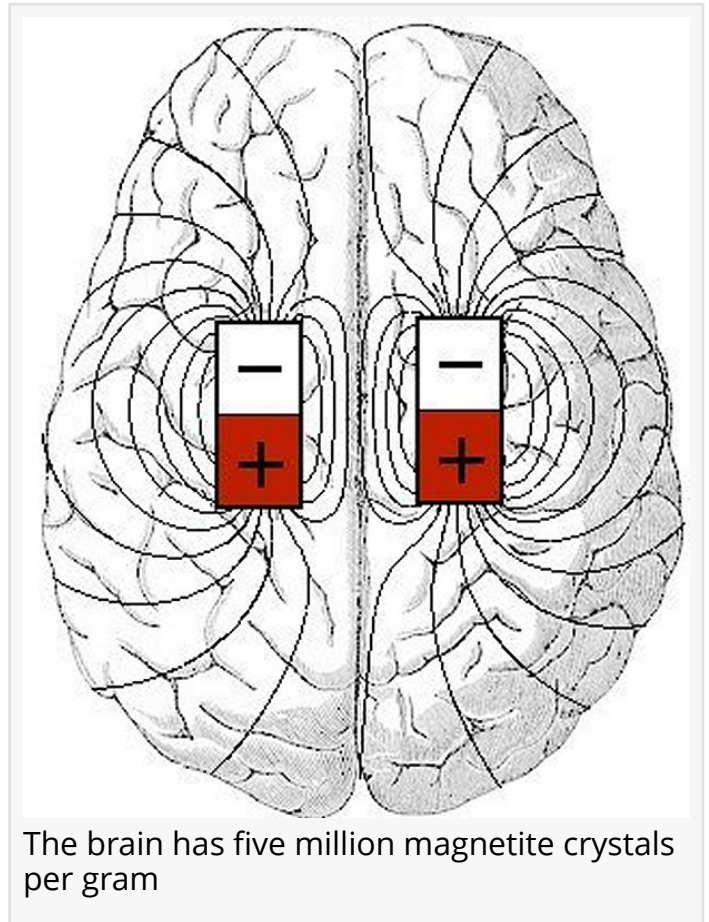
What does it feel like to be a magnetic field, coming from millions of magnets? It feels like consciousness. That's how neuroscientist Todd Murphy explains the physics of awareness.”

Todd Murphy

Consciousness is what the brain's inner magnetic field, with its many sources, feels like. Living things are aware through their senses because the brain's inner magnetic field, produced by its millions of tiny magnets, receives all its electrical sensory information. The neural magnetic field broadcasts all of it throughout the brain, at a fraction of the speed of light, instantly combining all ongoing experiences.

Todd Murphy, associated with Laurentian University's Neuroscience Program since 1998, also suggests that

simpler magnetic fields support simple consciousness, as in animals with rudimentary senses (such as eyes that are only aware of darkness or light). More complex consciousness, like that of humans or other primates, require more developed nervous systems, and much larger numbers



The brain has five million magnetite crystals per gram

of magnetite crystals. Their greater nuances of thought and emotion give people more to be aware of.

Proving it will be a challenge because science can't prove that anything is conscious. The only way to know consciousness exists is through subjective experience, which isn't admissible as scientific evidence. However, Murphy suggests several tests that would help support his theory.

Murphy's paper, "Solving the "Hard Problem": Consciousness as an Intrinsic Property of Magnetic Fields" appears in the Journal of Consciousness Exploration and Research. He's published several journal articles, and three books in neuroscience.

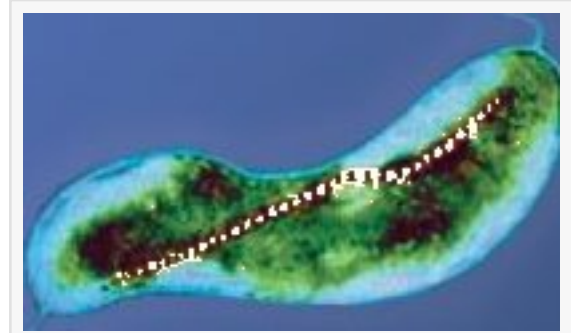
Todd Murphy can be contacted at: brainsci@jps.net
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Murphy, Todd "Solving the "Hard Problem": Consciousness as an Intrinsic Property of Magnetic Fields" Journal of Consciousness Exploration & Research, 2019, 10(8) p. 800-813 Link: <https://jcer.com/index.php/jcj/article/view/835/850>

Kirschvink, Joseph L., (et al.). "Magnetite biomineralization in the Human Brain", Proceedings of the National Academy of Science 1992, 89 7683-7687

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A chain of magnets in a simple bacterium, as also found in the human brain.

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