

As far back as I remember I have been an artist. I've been creating for the sake of happiness and it has been somewhat of a profound task at times. In early elementary school I signed a contract with my aunt that made her my official art agent because I loved to do art and I wanted to make a living off of it. This idea went downhill for a period of time as elementary school progressed. Art became far from the main focus of my life as I became discouraged by comparing my skill to that of so many masters before me. On top of that, my friends thought of art only as a joke and I followed. I was incomplete and unconfident mentally and this stuck with me throughout middle school.

That all changed, because as I entered high school, I decided to care less about what the others were doing as well as, that being an artist was something that I should embrace instead of hide. I started doodling randomly, creating random characters, forms, patterns, objects and landscapes. It felt liberating and as I continued, numerous people asked me how I came up with the things that I drew, but I had no idea. As far as I knew I wasn't even making up the subject matter, it seemed as though it was just flowing through me like a raging river. I had speculations that perhaps the ideas weren't created by me, but found mentally from an external source. It was as if I had submerged my awareness in a pool of random bits of information. The strange thing about this information though was that I was not receiving it from the environment around me. The experience became quite spiritual, as I looked deeper, then I began to ask questions like: Is it illogical to believe in such a source? Many students including myself found it hard to grasp the ideas I was exploring, especially as we were taking classes such as chemistry biology and psychology. At times it seemed as though there was almost no mystery in the world. I remember deeply questioning the philosophy behind these sciences, and I found it very frustrating that almost nobody else asked why? Isaac Newton asked why the apple fell, but he only figured out how gravity operated on falling objects. I believed this to be true with most sciences, for we are figuring out how the mechanisms of how life works, while in the meantime debunking possibilities and *whys*. For a period of time, I began to lose my artistic flame, because I began to doubt that this creative source was even external at all. I figured it must be all in my brain, just structures of neurons made up of atoms. I began to find it hard to come up with ideas as I started believing that the ideas were things I alone had to come up with. Without the belief in an infinite source, creative thinking became difficult and time consuming, instead of instantaneous. I eventually recognized that when I believed in an external infinite source for ideas, the ideas arrived, so I decided to just believe regardless of the lack of evidence. This ended up helping out my flow of creativity, yet at the same time I still had my doubts. The assumption I had developed was that there could be a mental space, an area where infinite permutations of information were present and able to be tapped into mentally, but science just hadn't gotten there yet. That was my assumption, until I discovered quantum physics. Quantum physics contains evidence that dissolves any doubt I used to have.

The Study of quantum physics like most sciences was a product of extreme curiosity. Einstein saw the macro and he created his theory of relativity, which states, as you get closer to a black hole, gravity is increased and time runs slower. (General Relativity & Black Holes). Once the secrets of the macroscopic were seemingly figured out, physicists decided to look at the scale of the incredibly small. They observed and became completely confused as they quickly discovered the quantum scale has a completely different set of laws than that of normal physics. Einstein actually disliked quantum physics because of how strange it was. For example the occurrence of quantum entanglement shows that when two quantum particles touch, they are forever linked with a nonlocal connection. In other words, when one of those two entangled

particles moves in any way the other is affected in the exact same way at the exact same time regardless of how far apart they are from each other. Also there have been cases where the particles revolve around one another around 10,000 times faster than light. Einstein disliked this and he called it “spooky action at a distance” (Tate Karl, 08 April 2013, TechMedia Network). The fact that the particles were traveling faster than the speed of light was in direct violation of his statement and law that nothing could possibly do so. Quantum entanglement suggests that quantum particles defy separation of space.

This aspect of quantum physics may have been weird, but it was nothing compared to the results of the double slit experiment. The double slit experiment entails a wall with two slits in it, and a second wall with no slits. When particles are shot through the wall with two slits in it, they create two lines on the wall behind. When a wave is shot through the wall with two slits the waves is split in two and a wave interference pattern is created on the back wall. Now strangely quantum particles act in their own funky way. When a quantum particle is shot through the double slit experiment it acts as a wave and creates an interference pattern on the back wall, as if they are actually waves. This happens even when the particles are shot through one at a time. This seemed illogical to the people conducting the experiments, so they decided to put a measuring device at the slits to see which slits the quantum particles went through and all of the sudden, the particles acted as particles normally would, creating two lines on the back wall (Sept 13 2006, Dr. Quantum). This means that our very observation of quantum particles changes the way in which they behave. And since all atoms are made up of quantum particles, there is a possibility that our perception determines the nature of reality. Interestingly this possibility is extremely similar to a philosophy and religion that is thousands of years old.

In Buddhism, there are some ideas, which are amazingly similar to aspects of quantum physics. One of these ideas is that of interconnectivity. According to Buddhism everything in the entire universe is one mind and our individual minds are illusions in that they are seemingly separated from that one mind, but truthfully they are a part of the mind and it is only the ego that recognizes the separation. From a scientific point of view, everything is made from the same stuff and every quantum particle that touches becomes entangled (The Dharma). This could mean that we are all quantum entangled with the sun. I mean it only makes sense; all surface life on this planet has been built up by energy that the sun gives off. When photons from the sun smash into our electrons those particles are then entangled. And who’s to say that that photon that came from the sun hasn’t already been quantum entangled with numerous other photons that are going other places. Another idea that Buddha believed to be truth was that everything in the world came from emptiness, which is both an infinite and non-dual source (The Dharma). Everything really just about nothing scientifically, because all atoms are 99.999999999999% empty space, and that parts of atoms that aren’t empty space aren’t exactly even full space, but are quantum particles which act as a probable zones until they collapsed into reality through the perception of an observer (The Dharma/ Quantum Activist). The quantum field is a close representation to Buddha’s idea of emptiness, for it is a theorized field of electrons that covers everything (The Dharma). Think of it as an ocean, where the crests of the waves condense energy into matter, which in turn organizes in peculiar ways (The Dharma). The fact that all matter is made up of atoms and the fact that our perceptions collapse probability into actuality, begs the question: Would the universe truly look the way it does without perceptions to collapse possibilities? Or rather, do our individual perceptions limit the existence of possibilities to us? The Buddha believed in emptiness, interconnectivity and that we create our own reality,

thousands of years ago. Perhaps these philosophies are eternally true, and science is only recently catching up.

Quantum physics is not strange to me, it points to an overall connectivity in all things. It provides ample evidence for the infinite source, which I tap into, which all of us tap into as we think creatively. Not only are we connected with this source we are a part of the source, and as we connect with each other we are creating channels for energy between one another. Scientifically this is proven in quantum physics. An experiment has been conducted hundreds of times all yielding the same results. Two subjects are put in a room together and these two individuals have the task of meditating with the intention that they will communicate with one another through only the mind. The two are then separated after about 20 minutes and are each placed in faraday chambers, which are rooms that are surrounded completely by copper. This ensures that no electrons can travel in between the two rooms. The two subjects once separated continue to meditate with the same intention of communication, and only one of them is shown a sequence of lights. Both of the subjects are hooked up to an EEG and when the sequence of lights is shown, very similar spikes in brain activity are shown. This proves there are nonlocal connections between the two people intending to create those connections (1994, Grinberg-Zylberbaum, M. Delaflor, L. Attie, A. Goswami). I speculate that nonlocal connections are also made when people meet one another, think about one another, and especially fall in love with one another. If you think about when you have been deeply in love with someone, don't you remember moments where you could tell they were happy or worrying, comfortable or uncomfortable, even without communicating at all? For the first time in scientific history this can be supported with the fact of quantum entanglement. If we are quantum entangled with each other and the sun and the sun is entangled with other parts of the galaxy, how can we say that we are mentally separate from the universe in which we are physically entangled? My personal tendency to tap into the infinite perhaps stems from a vast quantum entanglement between the universe and I.

A genius named Nikola Tesla once said, "If you want to know the secrets of the universe think in terms of energy frequency and vibration." According to the documentary "Nicola Tesla's Life", Tesla was a very intelligent man, a genius that tried to figure out how to give everyone in the whole world power. One day Tesla woke up in the middle of the night to a mental message that his mother had died, and the next day he found it to be true. If you think about it the entire physical universe is a movement of energy that is in the form of matter and vibration. Sound is the interaction of the two; wave energy traveling through a medium of particles (World Mysteries). Sound is interesting partly because of its hidden forms that have been studied through the field of cymatics. When a sound wave travels through a surface, which has a medium on it such as sand or water, the medium organizes into a complex symmetrical pattern (World Mysteries). The pattern becomes increasingly complex as the frequency of the vibration is heightened and it is wild how similar the patterns look in comparisons to specific natural forms (World Mysteries). It suggests that waves of energy are key to the evolutionary process. Waves of sound organize matter, and on a planet with ideal conditions, the matter organizes into specific shapes that stabilize, elaborate and eventually begin to create life. Life forms look similar to the expressions of simply because they are expressions of sound that have been in the process of being edited for hundreds of millions of years (World Mysteries). The question then is, why does the expression of sound energy organize in a specific way, I'd say that this energy is a conscious and creative force that elaborates exponentially over time. It is strange because this tendency of life to increase in complexity of order is a state of negentropy and that

is in direct violation of the second law of thermodynamics (Quantum Realm). This tendency does not make sense to a system of complex mathematics humans built to explain the universe. The existence of life being the product of accidents alone is extremely unlikely. According to what we know so far about the universe the chances that life exists here due to solely accidents is 1 in 10 to the power of 10 to the power of 123 (Quantum Realm).

With these odds in mind I would like to suggest a theory. The universe is an entirely conscious system. We have our individual consciousnesses, which experience's individual lives, but there are non-local connections between all of our minds suggesting there is a mental space, which we all share. I speculate that infinite permutations of information exist, but beyond the illusion of the physical universe. If perceptions of life forms collapse possibilities into actualities, then without life forms there are only possibilities. That doesn't mean that we aren't a part of the infinite, it means we are a part of the infinite playing with itself. Think of our entire space-time continuum as a paradox: the observer defining the observed from which the observer came. This infinite source that I mentally expand into is a root mind, it is a space of infinite permutations of information. It is a source which all of our minds are a part of. From the point of view of an individual locked in a perception dependant on linear time, it is impossible to experience the infinite all at once, but it is not impossible to explore infinite linear routes of creativity. The exploration of this source is something that can be done effortlessly, and consciously.

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