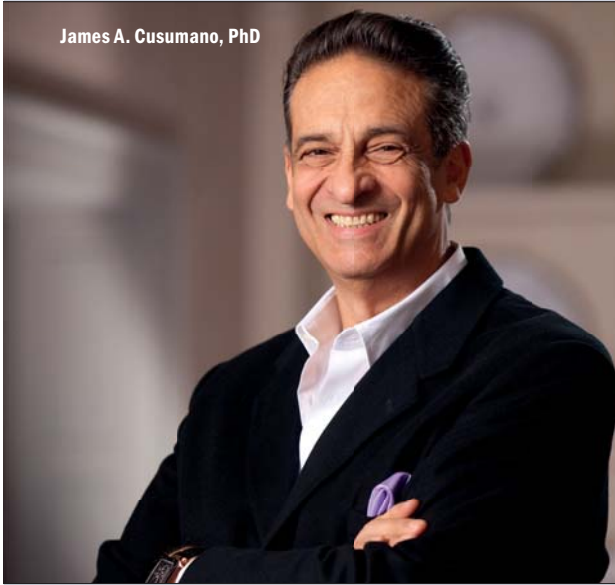


COSMIC CONSCIOUSNESS –

James A. Cusumano, PhD



“There is only one happiness in this life, to love and be loved¹.”

George Sand

KEY CONCEPTS:

- It has been experimentally demonstrated by many researchers that all living things are intimately connected by a force field currently unknown to contemporary physics.
- Intimate mutual caring and concern are expressed through this force field among all species on Earth and probably throughout the universe. The extent of caring and concern appears to be related to the level of consciousness in a given species.
- This caring is not simply a sentimental connection. It is caring and compassion based on a common interest among species. That common interest implies, “When I help you, I help me, and conversely.”
- It is the most powerful driving force on Earth and probably in the universe, and is responsible for physical and consciousness evolution.

LOVE IS THE MOST POWERFUL FORCE IN THE UNIVERSE². This law applies everywhere in every situation, without exception – families, marriages, friendships, nature, and yes, even in business. I have often made this statement, and some of you have challenged me to prove that this is in fact true. So here are some thoughts and data for your consideration.

WHAT IS LOVE?

“Use the word ‘love’ in a business environment – are you crazy?” That’s the normal reaction of executives schooled in classical uninspiring leadership models. The problem emanates from the fact that in the English language, we use one word for love to serve many meanings, while in Sanskrit there are ninety-six words, eighty in Persian, and three in Greek that define different kinds of love. So, in English, “love” can mean a broad spectrum of feelings and attitudes ranging from simple pleasure such as “I loved that meal,” to platonic admiration, “I love the way she dresses,” to intense attachment such as, “I love her with my whole heart and soul.”

From a philosophical point of view, love can also be

A JOURNEY TO WELL-BEING, HAPPINESS, AND SUCCESS PART VIII: THE LOVE FORCE^{A,B}

seen as a virtue, where one extols a sense of compassion, caring, and kindness. Consequently we find that in much of the Western world, this diversity of meanings for the word “love” often causes confusion and makes it difficult to define and communicate what is meant in a given situation. However, love is perhaps the most important psychological concept and force in any culture (Figure 1). In its various forms, it is the prime facilitator in all interpersonal relationships and has the most significant power to make things happen. It matters not whether the relationship is a compassionate one based on business, or a passionate connection with your lover.

Therefore, it cannot be eliminated from the business arena if one expects to inspire oneself and others. **In business the word love equates to a sense of caring, compassion, kindness, understanding, and commitment.** If you have ever been inspired by a person, you may recall that even though that person may have been demanding, he or she also had a deep, sincere interest in your well-being and demonstrated the caring and compassion that supported that commitment. However, let’s drill down a bit and see why love is the ultimate force in the universe. We begin by looking at the definition. The Merriam Webster dictionary states the following: (1): a strong affection for another arising out of kinship or personal ties (2): attraction based on sexual desire (3): caring and concern based on common interests. It is definition (3) that is important for the effective functioning of the universe – **caring or concern based on common interests.** Everything in the universe is connected through common interests (Figure 2).

THE CONNECTIVITY CONJECTURE

This dependence and common interest is communicated through and based on what quantum physicists call non-local correlation, coherence, or connectivity. It raises its head as synchronicity everywhere, e.g., in your body. You are constructed of some 100 trillion cells, a number that is more than all of the stars in the Milky Way galaxy, celestial home to our solar system and planet Earth. Each of your cells, measuring less than 1 micron (one-millionth of a meter) in diameter, contains instructions within the DNA in its nucleus that would fill one thousand 600-page books. Each cell performs some 100,000 functions every second, and every cell instantly harmonizes and correlates its activities with every other cell in your body. And it does so with clockwork precision, otherwise it means illness, and in some cases, death³!

How do your cells do this – every second of the day, every day of the year, year after year for some 80 or so years? As my friend, Deepak Chopra likes to say, “How does a human body think thoughts, play piano, kill germs, remove toxins, and make a baby all at the same time?”

It works because of non-local correlation, which through means of an invisible, as yet unidentified force field – a “love” force – orchestrates the optimal function of all 100 trillion of your cells in perfect harmony. At the cellular level, there is no hoarding of assets, only cooperation and a “concern” for the other cells. As you ingest nutrients, they are shared among all cells. If there is a cell in need of more nutrients than others, all of the other cells cooperate to be sure that this occurs. There is never any hoarding, only sharing and unmitigated “concern” for the whole.

This connectivity was predicted decades ago by the fundamental basis of quantum physics. Because of bewildering philosophical implications, most scientists disregarded this prediction until it was demonstrated experimentally in 1985 by physicist Alain Aspect in France⁴. Since then, non-local correlation or interconnection has since been confirmed by numerous investigators. The primary requirement is that at some point in time the matter and energy that make up two connecting bodies must have been in intimate contact. Thereafter, even if the bodies are separated galaxies apart, anything that happens to one body is immediately – faster than the speed of light – felt by the other. The reason then that all things in the universe are interconnected is that 13.7 billion years ago, all of the mass and energy that currently exists in the universe was contained in a miniscule singularity, a micro-entity smaller than the smallest subatomic particle you can conceive of. It expanded rapidly in what we have termed the “Big Bang” – the creation of our universe (Figure 3). So at one point everything in the universe was ONE. In fact, it has been proven that nearly every atom in your body was created in the stars of distant galaxies and then spewed throughout the universe after the explosion of these stars as supernova events. **Therefore, all is connected; all is coherent; all is non-local.** But let’s leave the esoteric realm of quantum physics and cosmology and demonstrate reliable, valid, down-to-earth, easy-to-understand, experimental proof for this connectivity and mutual concern for the common interest of the whole.

^{A)} **EDITOR’S COMMENT** – This is the eighth article in a series based on the author’s book, “Cosmic Consciousness – A Journey To Well-being, Happiness and Success.” In this book, published in both the Czech and English languages within one volume, and with an introduction by internationally-acclaimed author, Dr. Deepak Chopra, Dr. Cusumano explains in simple terms, the connection between Eastern Philosophical Wisdom, consciousness and quantum physics. His new book, **BALANCE: The Business – Life Connection** is based on three decades of personal experience on how to achieve success and fulfillment in both your personal and professional lives, and will be published in April by SelectBooks in New York City.

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Figure 1: Love appears to be the most important psychological concept and force in any culture on the planet



PROOF POSITIVE

Here we visit the research laboratory of Dr. Cleve Backster, who during the 1940s and 50s was a member of the U.S. Counter-Intelligence Corps., and then worked for the U.S. Central Intelligence Agency (CIA). Backster was one of the earliest authorities and pioneers of polygraph testing. In 1960 he left the CIA to start his own commercial polygraph business in New York City, which he later moved to San Diego as The Backster School of Lie Detection. In 1966 he carried out what was to become a landmark experiment that would be the basis for what is now called the **Backster Effect**. It demonstrated the connectivity principle and "love" concern for the whole⁵.

On February 1, 1966, Backster's secretary bought him a dracaena cane plant for his office. The next day, after having worked through the night in his laboratory, Backster decided during the wee hours of the morning over a cup of coffee to try something "crazy." He attached the electrodes of his polygraph machine to the dracaena plant to see what would happen. Much to his surprise the plant did not have a smooth electrical signal as he would have guessed for a non-human being. It exhibited the dynamic response similar to that for a human subject sitting at rest. He tapped one of the leaves on the plant, but there was only a minor response. Then something amazing occurred. Backster walked over to his desk about 5 meters away. He was exhausted from no rest for more than 30 hours, and in his sleepless, hypnotic reverie he thought, "I wonder what would happen if I struck a match and put fire to one of the leaves?" As he sat at his desk across the room from the plant which was still attached to the polygraph instrument, he noticed that instantaneously, the signal output went to a maximum and then off the chart. It was as if the plant "read Backster's mind" and went into a frantic state of fear⁶!

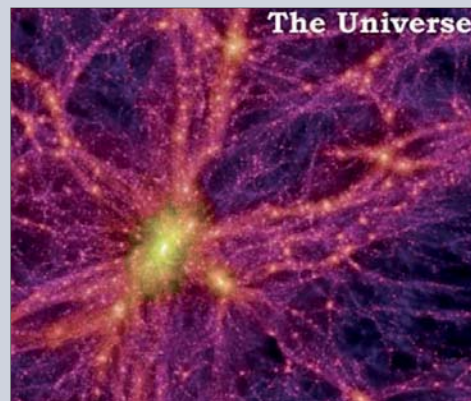
Subsequently, Backster and numerous other scientists conducted thousands of experiments and demonstrated that all living things are connected and in constant communication. For example, he was able to take samples of a person's blood cells and having invented a means to connect the cells to an electrode on the polygraph machine, he observed instantaneous communication between the blood cells and the donor person, even when that person was hundreds of miles away from the blood cells.

This is demonstrated by a well-publicized experiment carried out in 1988 with NASA astronaut Dr. Brian O'Leary. In addition to his position as an astronaut, Dr. O'Leary served on the faculties of Cornell University and the California Institute of Technology. He provided blood cells to Dr. Backster who attached them to a polygraph ma-

chine located at his laboratory in San Diego. Dr. O'Leary then flew to Phoenix where for the next several days he kept a precise time record of any stress- or anxiety-inducing activities which he encountered. This included, for example a near miss car accident, his son's failure to meet him at the airport and a number of other anxious moments. The correlation of times when the polygraph jumped up the scale with Dr. O'Leary's anxiety experience was one-to-one. Every time he experience anxiety, his blood cells, located more than 300 miles away, sensed it instantly. They were "connected" in some way to Dr. O'Leary and "concerned" about his anxious moments⁷.

In a well-documented and humorous experiment, Backster's research assistant mentioned to him a controversial article that appeared in the then current month's issue of Playboy magazine. The article concerned Nobel laureate William Shockley and his views on racial intelligence. Backster connected his assistant's blood cells to the polygraph machine as the two of them began to discuss the controversial article. The needle swiveled back and forth depending upon the intensity of the discussion. Then Backster suggested that his assistant page through the

Figure 2: Caring, compassion and concern based on common interests permeate the universe. All is connected in what quantum physics refers to as non-locality



magazine. Not much happened until he came to the centerfold which showed a sensual photo of actress Bo Derek. The needle went off the chart. His blood cells in contact with the polygraph machine stationed completely across the room responded immediately as the assistant became stimulated by viewing the photograph. As soon as he closed the magazine the needle returned to normal⁸.

These signals which propagate between plants, human cells, insects, animals and numerous other living systems are not part of our normal electromagnetic spectrum. The range of the latter spectrum extends from gamma rays to x-rays to ultraviolet to infrared to visible light to radio waves and beyond. Any signal from the electromagnetic spectrum can be blocked by what is called a Faraday cage, which is simply a metal box or a box fabricated from an electrically conducting metal screen. If the human subject and his or her cells connected to polygraph machine are contained within separate Faraday cages, the communication still occurs with no impedence. This is impossible with signals from our normal electromagnetic spectrum. Therefore, although these experiments and numerous others like them have been replicated all over the world, our current technical knowledge cannot detect the physical means by which they occur.

IMPLICATIONS

If you analyze the above experimental evidence carried by well-known scientists on credible people, and you

Figure 3: About 13.7 billion years ago all matter and energy in the universe was contained in a tiny singularity, smaller than any subatomic particle you can conceive of. This is the basis for non-locality



combine them with the laws of quantum physics on non-locality you can construct the following conclusions:

- All living things are intimately connected by some force field not yet known to modern physics.
- There appears to be an intimate caring, compassion and concern expressed through this force field among all species.
- This caring is not a sentimental connection. It is caring and compassion based on common interest and cooperation among species. That common interest suggests that, "When I help you, I help me, and conversely. We are connected. We are ONE." It is a true form of love, without which the universe could not function.
- It appears to be a dominant and powerful driving force in the universe.

Careful how you treat your pets and plants!
Namaste!

James A. Cusumano, PhD ■

¹ George Sand, pseudonym for novelist Amantine Lucile Dupin, *Encyclopedia Britannica*, personal letter, 1862.

² James A. Cusumano, *Cosmic Consciousness – A Journey to Well-being, Happiness and Success*, Fortuna Libra, Slovakia (2011).

³ James A. Cusumano, *Op. cit.*

⁴ Alain Aspect, http://en.wikipedia.org/wiki/Alain_Aspect.

⁵ David Wilcox, *The Source Field Investigations*, Penguin Group, Inc., New York, 2011.

⁶ *Ibid.*

⁷ *Ibid.*

⁸ <http://www.youtube.com/watch?v=V7V6D33HGt8>

About the Author: James A. Cusumano is Chairman and Owner of Chateau Mcelly (www.ChateauMcelly.com), chosen in 2007 by the European Union as the only "Green" 5-star luxury hotel in Central and Eastern Europe and in 2008 by the World Travel Awards as the Leading Green Hotel in the World. He is a former Research Director for Exxon, and subsequently founded two public companies in Silicon Valley, one in clean power generation, the other in pharmaceuticals manufacture via environmentally-benign, low-cost, catalytic technologies. While he was Chairman and CEO, the latter – Catalytica Pharmaceuticals, Inc. – grew in less than 5 years, to a \$1 billion enterprise with 2,000 employees. He is co-author of *Freedom from Mid-East Oil*, released by World Business Academy Press (www.WorldBusiness.org) and the author of *Cosmic Consciousness – A Journey to Well-being, Happiness and Success*, published in English and Czech by Fortuna Libri, 2011. His new book, *BALANCE: The Business – Life Connection* will be published in April by SelectBooks in New York City.

TO BE CONTINUED...