

## Seven Major Principles of the Human Body-Field According to NES Theory

Peter H. Fraser

© 2007 Nutri-Energetics Systems, LTD

This document may not be quoted or reproduced, in whole or in part, by electronic or any other means without the express written consent of Nutri-Energetics Systems, LTD.

In this lecture, I am going to outline the seven major principles that I have uncovered over the last ten years or so of research into the human body-field, the self-organizing energy and information structure that informs the human body and regulates all of physiology. These principles have changed my understanding of biology, medicine, psychology, evolution theory, ecology and more. Because aspects of Nutri-Energetics Systems® (NES®) theory have such broad application, each of these ideas is worthy of PhD-level study, but we have time to cover only the basics of each topic.

### 1. BODY CAVITIES AND ZERO-POINT ENERGY

We must always look at how the energy of the body is set up in the first place, and cavities provide the mechanism. Cavity physics is the study of energy in enclosed spaces, as these spaces can amplify and do other interesting things to energy. It was the study of what is called black-body radiation that led to Planck's constant and broke open quantum physics early in the twentieth century. How do cavities apply to the human body? Well, our bodies are structured around cavities. There are the three major cavities: the cranial, thoracic and abdominal. Within these there are all kinds of other cavities, at just about every scale. The organs and glands are cavities-like, as are the bones, the vessels, and so on. Then there are the cells themselves which are cavities and some even have further cavity-like structures internal or external to them. And the organs are themselves made up of microtubules and nanotubes. You get the picture! Cavity physics has relevance to the human body, although biologists don't often see this. The ancients did, such as those practicing traditional Chinese medicine.

What might the cavities be doing in terms of energy and information in the body? Storing and tuning zero-point energy. Zero-point energy (ZPE) is the energy left when matter is cooled to its lowest energy state, at absolute zero temperature. All that is left is the motion or vibration of virtual quantum particles. This ZPE field has never been measured because it's everywhere and there is no difference in potential, so measurement is not possible. This energy does not flow. It's just there, as the "field of all fields."<sup>1</sup> Recent studies have shown, for the first time, that zero-point energy is used by the body, at least by some of the water molecules in the body, which through their use of zero-point energy can actually work to mediate DNA processes, such as the production of proteins.<sup>2</sup> However, I am the first to say that we call this energy in the NES system "Source

---

<sup>1</sup> See Lynne McTaggart's book *The Field: The Quest for the Secret Force of the Universe*, Quill: 2003. In the US published by HarperCollins, 2002.

<sup>2</sup> "The Quantum Elixir" by Robert Matthews, in *New Scientist*, (April 8-14, 2006): 32-37.

energy,” since we don’t really know that it is ZPE. It probably is, but we don’t know definitively yet.

My first experiment in terms of cavities was with a biologist and an electronics boffin in Australia. At a cost of hundreds of thousands of Australian dollars, I made a huge model of a hydrogen atom, and then put an antenna in it to see if it was picking up energy from space. We shielded it, of course, like a Faraday cage, but we still picked up very narrow bands at over 1 GHz. They were narrow “magnetic” spikes, forming a pattern above and below a low-carrier frequency. We considered the hydrogen molecule as a set of cavities in space. And we detected energy, seemingly from nowhere! We didn’t know what we had, but the idea intrigued me—the idea of cavities as attracting, storing and even tuning energy, possibly ZPE.

I used the idea over many years to show how the human body-field could borrow energy from space, if it had something like what is in electronics called a co-axial resonator. As I said, the body is full of cavities: cells, tubules, bags, sinuses, organs and some really important ones in the head called the cerebral vesicles. According to our theory, all of these structures are part of a resonating system that collects energy. This collecting goes on at the atomic level, and I believe that collecting goes on up the anatomical scale, in larger and larger structures, until we get to the three major cavities in the body—the cranial, thoracic and abdominal cavities.

As the great physicist Richard Feynman reminded us, chemistry is based on quantum physics, which is all about energy transfer, between atoms and molecules. Light can also transfer energy inside a molecule and this has been the subject of major study in recent years by biophysicists. Of course, light, the photon, is of major importance to physics, and quantum electrodynamics (QED) may be of major importance to biology.<sup>3</sup> Dr. Fritz-Albert Popp, of Germany, has made the discovery that living cells, in the human body and in other organisms, emit ultraweak light.<sup>4</sup> That is an important development in the overall picture of an energetic structure which envelops and even directs the function of all living things, which we call the body-field.

Now not all of the ideas surrounding ZPE appeal to me: for instance that the ZPE field is a source of free energy that could give rise to a perpetual motion machine, as some researchers are looking into. But as a component of the body-field, the ZPE field is so important that we can’t do without it, or something like it. Bioenergetics researchers are starting to explore this, and it may open a whole new window on biology.

In NES body-field theory, there are several fundamental fields that must be present to create and support the human body-field. The human body-field is a special type of field that goes with all living things. It is not exactly what Rupert Sheldrake calls a

---

<sup>3</sup> For more about QED see Richard P. Feynman, *The Strange Theory of Light and Matter*, Princeton University Press, 1985.

<sup>4</sup> See [www.sciencedirect.com](http://www.sciencedirect.com) for an analysis of delayed luminescence of plants. For Popp’s work see any of his many works or compilations, which tend to be very academic. For a layperson’s view of Popp’s work, and other work on the leading-edge of science and biology, see Lynne McTaggart’s *The Field*.

morphogenetic field, although I like his ideas. My theory identifies a complex structure to the body-field, so it is not an amorphous entity, like an aura or even the chakras—we are not talking metaphysics here! In terms of quantum, I believe that living organisms represent a “special case” in biology of the use of fields and forces, be they quantum or not, as we just don’t know really. But let me get back to specifics and list the minimum requirements of a body-field for you now:

- Zero-point energy (Source energy in NES terminology)
- An electrostatic charge, which is created both by ionized particles in solution (such as in cells) and the action potential of the elements of the nervous system.
- Light, even in small amounts, of certain high-energy frequencies, both internal and external to the body.
- Gravity and at least a weak source of magnetism, which is why “Earth energies,” such as those that contribute to geopathic stress, and external magnetic fields, such as the Schumann resonance, may have a subtle but profound effect upon the body and body-field.
- Magnetic confetti, a term I have borrowed from Dr. Bevan Reid, of Australia, who, like physicist Harold Apsden, believes that the electron has some sort of magnetic envelope or capsule. Information exchange takes place when an electron’s magnetic capsule is broken open through an interaction with a photon. Magnetic fragments, which Reid called “magnetic confetti,” may be left over from the exchange. However, I believe that what Reid calls the electron’s “capsule” may actually be the electron’s spherical standing wave, which has a charge and forms magnetic patterns in space, according to astrophysicist Milo Wolff’s space resonance theory.

As I said, whether or not this body-field is some sort of QED field remains a huge question that we cannot absolutely answer yet, but we think it is. And we believe cavities are a big deal in terms of the biophysics of the body. Think of musical instruments, which each have their own shape and so tune energy differently. The body has its own musical score. Everything vibrates and has its own frequency, everything moves—from subatomic particles to molecule to cells, the organs such as heart and stomach and so on have their own movements, the blood flows—you get the idea. Cavities, then, attract ZPE, and they store it for use by the body, and the cavities may even amplify or “tune” this energy because of the structure or shape of the particular cavity and its movement. Where you get energy exchanges, you get information exchanges, which is the basis of the information regulation processes of the human body-field

## 2. SPACE IS SELF-ORGANIZING IN TERMS OF INFORMATION

We are out at the frontiers of biology and physics with our theory of the human body-field, and we find many others with valid and intriguing ideas out there keeping us

company. One such person is American astrophysicist Milo Wolff. I very much like his space resonance theory, and it supports NES theory very well. We came to Wolff's theory long after I had begun my research—almost thirty years later in fact, but it supports us beautifully. I refer you to Wolff's book, *Exploring the Physics of the Unknown Universe*, to find out more about his theory. I don't have time to even begin to review it, but it proposes only three fundamental particles—the electron, proton and neutron—and says that all other particles are “appearances” caused by how the interaction of electrons (which are spherical scalar standing waves, having In waves and Out waves) interact and thus affect the configuration—or resonance—of space. We are, of course, not talking about three-dimensional space, but quantum space. But I leave it to you to learn about this by reading the physics.

Suffice it to say that the properties of space have not really been studied, although Wolff states that he thinks it's about time they were.<sup>5</sup> When energy exchanges take place, information exchanges also take place via the interference patterns of electron In and Out waves, per Wolff's theory. I can't go into more depth about the physics here, but for information to be useful it has to be what you might call “structured.” In the 1990's, long before I ever read Milo Wolff's book, I was doing experiments with matching ampoules which contained liquid or matter that had been imprinted with messages of some sort, along the lines of homeopathic imprinting. My matching technique reveals that when two things—two samples in this case—“talk” to each other they exchange energy and thus impart information. I tested thousands of samples, usually of homeopathically imprinted materials, such as body tissues or minerals and such, and repeated these tests over and over, for nearly thirty years. I amassed mounds of data about what “talked to” (or matched) what, and what didn't talk to what.

But what to do with all this data? How to organize it? From very ancient Chinese sources I finally gleaned the esoteric mathematical ideas needed to set up a test for ordinality and sequence in this mass of data. By “sequence” I mean matches being sorted in one direction or another, having a preferred order. Can you believe that we gained a matching response only when a sequence of ampoules of imprinted solution were arranged in the experiment in a certain order? It is strange. It boggled my mind for many, many years! But this is what happened, and the idea of the body-field was on its way, because without sequence, without order and structure, we don't get meaningful matching effects.

Now don't be too quick to dismiss this idea. It is not so odd, as it is crucial to biology in other respects, too. Think of DNA, with its four bases which can only be arranged in certain pairings. RNA, too. Think of the production of complex enzymes and hormones by the body, where these sequences have to be observed, and often a complex biological molecule might have nine or more stages of development. And, of course, there is another important aspect of biology where sequence is of critical importance—in embryology.<sup>6</sup> Whole text books are devoted to examining the correct sequence of human development, and when there is an error in this order, a clinical condition results. If you think embryology is totally linked with genetics you have to think again, because the

---

<sup>5</sup> Milo Wolff, *Exploring the Physics of the Unknown Universe*, Technotran, 1990.

<sup>6</sup> Keith L. Moore, *The Developing Human: Clinically Oriented Embryology*, Saunders, 1977.

errors which cause pathology are only between 10% and 15% genetic in origin, which means they are 90% something else!

Embryology, too, links to cavities, as we can see that a major part of early embryology is concerned with the cavities, and how they form and change as the embryo develops. I think that embryology is an energetic study on its own, and thus I think a thorough study of it should be done from the biophysics perspective. Embryology uses the first two principles I have outlined—of cavities and ordinality/sequence—together. And, therefore, it is no accident that the embryological development of all mammals has a common route, since the same laws of space will apply to all of them.

There is nothing new under the sun, since the Chinese in their traditional medicine realized that there was a special type of “source energy” (or *yuan qi* in Chinese) that was important for human development. You can check this out if you like in the major text on the subject called *The Theoretical Foundations of Chinese Medicine*.<sup>7</sup> So, so far, we have ZPE/Source energy plus cavities plus ordinality/sequence, and we have the basis for a new way of looking at what I might call bioenergetic embryology. In fact, we are at last starting to understand how biology works, maybe for the first time!

Now you will note a curious thing. I am not all that interested in the exchange of energy, except in a general way because this is what physics is really about. I am more interested in *information* exchanges, in how information is carried in or by space itself. Space may act as a sort of informational template for what the energy can do! In other words, I am going to a deeper level of looking at things, beyond energy to the information that underlies it. By the way, information is the hot new topic in physics, with many physicists, such as Anton Zeilinger, saying that information may be a “thing” in its own right, and indeed the most basic aspect of the universe, more basic than forces and fields and energy.

So now we go on to another incredible characteristic of space—its self-organizing ability. I call this property of space, or the process that can take place via space, “aggregation.” Aggregation is about scale and pattern—about emergence—with simpler or more holistic structures emerging from a flux of other structures are a smaller scale. Information transfer in nature would be incredibly complex if everything were just collections of spatial structures. Complex life would not be possible, because of the difficulty in powering its information systems. So we need to have a “self-simplifying” system in addition to a self-organizing one. This does not mean things are simple or easy. It only means that many small seemingly separate and chaotic patterns can emerge into a larger, more structured pattern. Think of water molecules in vapor form, zipping about every which way. Then as the temperature is lowered, structure emerges as water forms into ice. That’s one easy way to think of self-organization and emergence and aggregation.

---

<sup>7</sup> Manfred Porkert, *The Theoretical Foundations of Chinese Medicine: Systems of Correspondence*. MIT Press, 1974.

But aggregation is more than the ability to self-simplify. It is the ability for two or more pieces of information to interact so as to form a third, different piece of information, from which emerges functions we might not expect from the functions of its constituent parts. Carbon and hydrogen and other kinds of atoms group in specific ways to create specific kinds of amino acids. Certain amino acids link in certain ways to form specific hormones. What emerges is wholly different in quality and function from what might be expected just by studying the parts from which it is made.

Things in nature are constructed according to a larger plan, except we don't ever understand what the larger plan actually *is*. The larger plan probably consists of the laws of spatial arrangement and self-assembly. So in chemistry we see molecules that can self-assemble, and there are very elaborate explanations for how and why this happens, none of them very convincing in the long run. Chemistry explains what goes into life, but not what life *is*. Or why there is life at all. My point, however, is that this same process of emergence and aggregation happens on a larger scale in biology than conventional biologists will admit—on a scale so large that it includes the entire human body-field. The body-field self-assembles and self-repairs itself according to laws which we are only just beginning to understand. Aggregation is just one of those laws.

### 3. MATCHING AND CONDUCTIVITY

Conductivity has been written about at length as an electrical phenomenon, but there are many reasons why we at NES don't think what we are talking about in terms of our matching experiments or the human body-field is wholly, or even mostly, electrical. That notion comes from our direct observations.

So I want to move on to looking at what matching means. We are able to test a whole complex system with matching—testing whether two things “talk” to each other energetically—and get an idea of pathology in the energetic sense. We coined a phrase, “energetic pathology,” by which we mean that we think disease states arise when the body is forced to use less than optimal pathways of energy and communication to get its work done, pathways from organ to organ, cell to cell, nerve to nerve, and so on. And we even have to include pathways from system to system as well. The breakdown starts in the dynamics of the body-field, and is purely at the level of energy and information flow. So this “energetic pathology” is in contrast to the more purely physical or biochemical view of pathology of allopathic medicine.

Going further, we can also look at the micro level—at the matching that must occur in the walls of the cell, as well as in the various organelles of the cell, in the DNA and RNA. Somehow, the mechanism of matching can decide which ions are to be accepted by the cell and which are to be rejected. According to Bruce Lipton<sup>8</sup>, a renegade biologist of some celebrity, this matching is the function of certain types of receptors and organelles within the cell wall—they are able to change *shape*, and by changing shape they thereby change the way the cell works.

---

<sup>8</sup> Bruce Lipton, PhD, *The Biology of Belief*, Mountain of Love, 2005.

Matching has to be a key feature too of the function of the nervous system. I have never accepted the textbook version of nervous system function. To be fair, there are many competing academic theories about how the nervous system works. But we have a different idea.

What is so difficult to explain about the nervous system is that it is discontinuous electrically, so clearly an electrical explanation cannot seriously be considered as a full explanation. The nervous system is also discontinuous chemically, since there are synapses placed at irregular intervals in the nervous system. So, if it's not electrochemical in essence, then why is the electrochemical system even part of the nervous system's make up? Could it be that it's there to provide the right energetic environment to make the nervous system work as a *field* mechanism? That's my thinking at this time. And, what's more, it's an energy-saving device so that it only works at the instant it's needed, when the nervous system needs a sudden and immediate charge, and it works in the places where it's specifically needed by the nervous system. So for that, the electrical system works, but not for an overall explanation of the nervous system.

It is interesting to note, too, that the electrical aspect of the nervous system works *completely outside of* the actual nervous tissue itself. This is a real problem! The mechanism of charge and depolarization works outside of the nerve cell.

We have taken a different approach. We wanted to know what is going on inside the *cavities* that are part of the nervous system. If you want to know what is "powering" something in the body, you look into the cavities of the body. It turns out that there is a long tube called the axon, and that some nerves around it are coated and others are not. Our research shows that the axon will "match" with a photon. Why would that be so? Some nerves are surrounded by thirteen tubules. Why would this be so? Well, I'll tell you: the myelin coating of the nervous system is able to block the "matching" process! It blocks the field, the energy and information exchange!

So even if the electrochemical idea is partly right, or right as far as it goes—and conventional biology theories usually are at least partly right—we still need a new model of the nervous system that is based on *information transfer in space in the presence of an electrostatic field*.

Another curious feature of the nervous system "message system" is that we have never even seen these messages. Yes, we can see the electrochemical impulses. And when the nerves are cut, they cease to conduct *because you have blocked the field*. Modern physiology is great at stopping the nerves from working, but is not able to make them work better! NES has a theory that says we may be able to that! And not by using chemical means at all.

Cavities and structures inside the brain now take on a new meaning when we have a new theory of nerve conduction. Matching is something that takes place between *structures*, not between axons or "tracts" of nervous tissues. So, now we have to go back to look at a

previous statement I made about photons “matching” with the axon of the nerve. If the actual nerve message is not actually electrochemical, then what is it? We propose that it is magnetic in character. These messages are apparent magnetic structures that are created by interference patterns, which can appear and disappear easily.

I am venturing out toward frontier physics, that of Milo Wolff, who says that photons are interference patterns created by highly charged electrons. They are not discrete particles, but are “appearances,” and the information they impart is an “appearance,” too.

Information can be created by interference patterns, and these will be of the complexity necessary to make nerve messages that can coordinate whole muscle systems in their movement. *The idea of volition is also terribly important here.* The brain has to manufacture the structure of the message using its cavity systems. The volitional message has to go to certain places in the body but not to others in order to save energy and effort. Once we put volition back into physiology, we are getting closer to the idea of consciousness. No one wants to go there! Except perhaps the Noetic Sciences Institute and NES!

So we have to say that we think that the academics have been studying the wrong things in the nervous system. How thought becomes electrochemical signals is now no longer an issue. It doesn't! The message is pure *spatial information* presented in terms of *structures*. Volition affects the field that conveys information so that the right area of the body is affected. Where is the center of volition in the brain? Has it a switch to make it reverse? On and off? Even allow the choice of a “maybe”? Of course, it must be a nonlinear switch, so it has gradations. That means there are many choices other than simply “on” or “off” in this kind of a system.

So how fast can the nervous system work? Are we looking at a Ferrari with a five-speed gear box? Is nerve transmission the same as information transmission, which must be instantaneous or almost instantaneous? Did dinosaurs think slowly? Here I am being facetious to make a point: can you imagine how jerky and uncoordinated our movements would be if we had a nervous system working at five different speeds?

So we are left with these questions and answers: how do all the nerve cells talk to each other? Matching. Can axons talk to each other? Sometimes, depends on their coating. Can synapses talk to each other, and how is a nerve signal/message created? Aggregation.

So let's continue and look at information in structured space in more detail.

#### 4. INFORMATION IMPRINTING

A sound wave of up to 100,000 Hertz, when it's traveling through certain kinds of solid matrices, behaves differently from a photon, a particle of light. By the way, at the quantum level, sound can be considered a “particle,” and it is called a *phonon*. Just as a photon is a quantum particle of electromagnetic energy, of light, a phonon is a quantum particle of sound energy, which takes on particle-like properties when sound travels

through certain kinds of crystal-lattice solids, as are found in some types of body tissues. The heart makes a lot of phonons. The heart makes over a hundred different sounds, according to some sources, although others suggest it makes only four *major* ones.

Perhaps you never thought about phonons before. Google the words “phonon biology” and you will find out about phonons in a quantum biology state being processed by the Golgi complex in the cell. This fits the NES observation about the phonon and its link with the Golgi complex.

When we at NES talk about imprinting, we are leaving homeopathy behind and looking at all sorts of different and interesting effects that interest the physics people. So far as homeopathy is concerned imprinting is a two-hundred-year-old idea, and we do believe that it’s time academia got onto it! But let me tell you about how we are different from even homeopathy. This new version of imprinting is the basis of NES technology.

I did an experiment years ago showing, I thought, that things self-imprint very easily, and all that is needed is a fluctuation in the magnetic field surrounding the things that are to be imprinted. In other words, the passage of the sun and moon’s fields would be enough to do it. Of course, all homeopathic materia medica are simply imprinted using low-frequency sound, but imprinting also occurs naturally and is not something at all artificial. We can do it with sound waves, light or with magnetic field fluctuations.

To our great surprise at NES we found that the heart appeared to be able to imprint information, memories and such, only onto one primary type of cell (a lipid), if it has the choice of many to choose from. For some reason people think that memory is in the brain. Yet anyone who has had a massage will know that we get memories flooding to consciousness when a certain part of the body and its muscles are manipulated. Sometimes even sounds over certain parts of the body can induce memory recall. The Tibetans have bells for ringing over the body’s energy centers, or chakras as the Hindus call them. But the heart is also part of this memory system.

Supposing your memory of health is forgotten? Most sick people seem to forget what health is like and enter a new strange world where they cannot do things. Then after they are cured, they can’t remember being sick. Can these bits of knowledge, or memories, be passed on to your children? Is this how evolution works? These ideas were entertained by Lamarck long ago and still are credible. He was the co-discoverer of evolution with Darwin and liked the idea that tadpoles didn’t have to go to swimming college to learn to swim. To know more, Google the words” Lamarck evolution” or “epigenetic inheritance.”

If we really want to know how evolution works we have to drop some of the ideas of the DNA people and look again at the possibility of the structures inherent in space as actually being able to influence what and how we learn, and the structure of that learning. We can look at education in a new way as well. What we are suggesting is that all we have to do is repeat a message and store it in the body fat. Repeating messages we know already is a key to all learning. Could it be just like the homeopathic succussion process,

where information is repeated a few dozen times in a field of light or sound waves? There are lots of things this imprinting process applies to. Think of repetition of bird calls in nature. How many times does a bird repeat a message? Is it trying to imprint a message?

But let me get back to my point. Our research shows that the heart is a primary imprinter of information into the body and that it is part of our emotional-memory system. It imprints via phonons onto lipids in the blood stream. That leads us to ask, can people lose their memory when they take certain kinds of cholesterol-lowering drugs, which are supposed to dissolve certain fats? An MD in the USA has written a book about just that! He lost short- and long-term memory while on this kind of drug, and once he went public, he heard from many, many other people who experienced the same problem.<sup>9</sup> The pharmaceutical biologists can't explain that side effect. But NES theory can.

We believe there are two primary ways of imprinting information onto other structures. But to imprint using even these methods, the message has to be repeated. The two methods are:

- Pressure waves (such as those produced by the heart), which is the very low-frequency method.
- Different light frequencies used in a certain way, in a super high-frequency method.

We are not alone in believing that space retains its own type of memory. The repetition of energy and information can actually change space, can imprint space! Check out the work of Dr. William Tiller, who found that when he removed certain machines that had been used in certain healing studies over extended periods of time, the space in the room where the studies took place and the machinery was located retained information about those studies, and this change in space was measurable!<sup>10</sup>

So, to really understand imprinting, you have to alter your ideas of what space is and what its characteristics are. You also have to revise your ideas of what the electron and photon are, and to consider the role of phonons in new ways, especially in biology.

## 5. SPHERICAL STANDING WAVES AND DISEASE

At NES, we have ditched the frequency idea for the most part. Most of you probably think that everything in the body has its own frequency. It's the Rife idea from the 1920s. It's not a current idea. Frequencies you can add, subtract, heterodyne, resonate with, and of course measure. This so far as I know cannot be done in relation to human tissues. We believe from our research that the body retains frequencies only in relations to the Energetic Integrators of the body-field, but even there something else may be more

---

<sup>9</sup> See former US astronaut and NASA scientist Duane Graveline's self-published book *Lipitor: Thief of Memory*, which is available online from Amazon.com and other book-selling sites.

<sup>10</sup> See William Tiller's books *Conscious Acts of Creation: The Emergence of a New Physics*, Walnut Creek, CA: Pavior, 2001; and *Science and Human Transformation: Subtle Energies, Intentionality and Consciousness*, Walnut Creek, CA: Pavior, 1997.

important—phase relationships, which has to do with how waves move in relation to each other.

So NES has a newer idea. It comes from a close reading of the space resonance theory of Milo Wolff. He has proposed the idea of an electron with a center, and a spherical scalar standing wave of infinite dimensions around the central part of the electron, the place with the highest space density. What we are really talking about here is charge.

According to quantum theory, spin is an odd property of particles. It is not spin in a rotational sense, like a spinning top. In electron spin, for example, one “spin” is not 360 degrees but is twice that—720 degrees! It’s a crazy state of affairs if you are trying to think geometrically or even logically!

Milo Wolff says that as the electron gets what we might call overexcited, or highly charged, it can appear as two diverging spheres, creating interference patterns of two sorts, between the In waves and the Out waves. Electrons send out a wave and get a wave back—the In wave and Out wave. Applied to biology and chemistry, *this interference is what makes it possible for chemical reactions to occur*. Of course, this is a gross oversimplification of his theory, but you can read more about it yourself.

Now, remember the compartments of the body-field—the NES Energetic Integrators? The Integrators in NES are the twelve information regulation pathways in the body-field. But if we have two spherical standing waves, then there are really 24, or so you would think. Well, NES testing over the last few months shows that this is correct: there are 24 Integrators, although only 12 of them will ever have Infoceuticals—the NES encoded remedies for the body-field—paired with them, to correct distortions in them, for reasons I won’t go into here.

So far as explaining pathology goes, we are interested in quantum, which is all about the energy levels of systems. What we are interested for our purposes in this lecture are *the positions* of the various Energetic Integrators along or around the spherical standing wave, which can serve as a guide to how information gets exchanged, and which ultimately can become distorted.

According to classical physics, space is not chaotic at all. In fact we can agree with this to a certain extent, for we know the body-field is intricately *organized*. Every organ and tissue has a place in the order of things in three dimensions. But the space structure associated with the spherical standing wave can become disordered, distorted through what we might call expansion or compression. What follows is that information can then also become distorted. That’s why it is so important to correct distortions in the Energetic Integrators, which are information pathways that are structures in quantum space. What you are doing is correcting distortions of space associated with electrons, and each electron in its wave form, according to Milo Wolff’s wave theory, is of infinite size. When the space associated with electrons is distorted—and this is really information distortion—then chemical functions and tissue functions in the body can go wrong, and

now we can explain why they are corrected by altering the characteristics of space, not so much at a single frequency but at a position or location.

Distortion—as in expansion or compression of data—in a computer program can cause errors, and this same type of thing can happen in the human body-field, too—in the body-field’s subsystems as well as in the big body-field. The mechanisms are virtually the same.

According to the NES theory of energetic pathology, the presence of serious disease correlates to the state of the *entire* body-field, the big body-field, which has become seriously distorted. The presence of chronic and serious disease also means that the energy levels may also be low throughout the entire field. For these reasons, I go against the wisdom of many natural practitioners and propose that toxins are not a primary correlative of disease at all, but that their deleterious effects are the result of errors in the body-field, so that the body cannot then work properly. The field error comes first, not the toxin. When the field is compromised, the body cannot deal with the toxin properly.

So you can now see why we at NES say we are not concerned with the physical body, symptoms, diagnoses, diseases. We are concerned with information exchange and energy in the body-field, for everything in physiology is regulated first at the level of the body-field. And at this level, the properties of space, interference patterns, energetic structures, aggregation of these structures and so are what are important. But because it makes everyone so nervous to think about healing and not involve the physical body, let’s return to the physical body for a moment.

## 6. CELL RESPONSES TO THE ENVIRONMENT

We have to talk here about integral membrane proteins (IMPs),<sup>11</sup> so we are back to the cell wall to again try to explain what is happening there. There are two types of receptors in cell walls, generally speaking: those that do things—the effectors—and those that receive input—the receptors. The receptor proteins are tuned to listen to environmental signals. They can extend inwards into the cell a considerable way. Others extend outwards to the external part of the cell wall. They have two shapes: one for “active” and another for “inactive.” Their shape changes according to the electrical charge they carry.

What kinds of messages are these receptors receiving? Chemically, they are receiving input about estrogen, histamine, insulin and the like. These are examples, but there are of course hundreds of other substances that they need to receive communication about. Bruce Lipton thinks that these proteins can read fields. Of course at NES we agree with his approach one hundred percent, and would like to add that it’s the field that has the information in it, and that it’s a configuration of magnetic energy that is the information.

Contrary to what you might have assumed, the DNA does not control the cell—at least not on its own. Instead, there is a mechanism whereby the effector proteins of the cell wall are able to affect how the genetic material is “read,” and this is how new proteins are

---

<sup>11</sup> Bruce Lipton, PhD, *The Biology of Belief*, Mountain of Love, 2005, 83ff.

created. They are created in response to the environment of the organism! So, if you find a lot of errors in the DNA, these errors can be in response to an environment, and not in response to a disease. This is why gene therapy doesn't work except in a limited way.

By now I can tell you are getting excited as you realize at last that we have a major mechanism of the body-field—the IMPs (integral membrane proteins). Now is a good time to remind you of the huge importance of the NES Infoceutical called Cell Driver. If you are not getting a response in your NES protocol, this is the Infoceutical to look at again. This is because it bioenergetically correlates to the behavior of the IMPs themselves. You can look at the organelles of the cell as intermediaries between the cell membrane and the DNA.

But I also take a different path from Bruce Lipton. If the field of the body can affect the IMPs, then surely it can be interfered with by other fields that we are not supposed to be exposed to. This is where the second set of 12 Energetic Integrators come in.

As I said earlier, there is another set of 12 Integrators at a higher energy level than normal, and these are there to represent the higher energy realms of the electromagnetic spectrum, especially high-level radiation from various sources and X-rays.

Energetic Integrators above 12 do exist and we have found that some of them—three of them in particular—when placed together in a matching experiment correlate to bioenergetically disabling the immune system, or whole sections of it, such as the lymphatic system. If we are looking for an energetic correlation to disease, then this is a major one, because one of the great mysteries of medicine is why part of the immune system can be disabled or it can be disabled in relation to a specific organ or part of an organ. The only way we can explain this is with the human body-field theory.

## 7. NON-LOCALITY OF INFORMATION

Biochemistry requires that for anything to happen there has to be physical contact. As such, the physical biochemical system is a terribly inefficient information-carrying system. It is not able, according to orthodox theory, to direct long-distance information transfers quickly enough to explain so much of what goes on in the body, so physiologists explain things through the mechanisms of enzymes and hormones, and the nervous system.

Is the biochemical explanation, okay? No, it isn't. It can't explain too many things. For instance, every year there are thousands of operations done on the heart with the person only under acupuncture anesthesia—by placing needles in the forearms and manipulating those needles strongly for half an hour. This process has nothing whatsoever to do with nerves to the heart, chest or anywhere else! It is through what is called *Neiguan* in acupuncture.

I must tell you another example. The acupuncture treatment for delayed birth delivery is done by placing a needle in the end of the little toe and manipulating the needle for about twenty minutes. The hormone we want to release more of is oxytocin. It is produced in the brain, testes and ovaries, not the little toe! So somehow the message has to travel right around the body, and it's not really just a nerve message.

Does the field theory work for the oxytocin treatment? A little bit. The little toe is at the end of the bladder meridian, which goes to various reproductive organs and parts of the brain. Acupuncture is far from a perfect system, but in its general outline it's still of interest to us. The interconnectedness of every cell is important for our survival, and one cell on your toe has to be able to communicate with cells in the hypothalamus for the oxytocin treatment to work.

I don't think anyone has much trouble examining communication *within* the body, even if we can't explain it very well by conventional standards. But then we have the work of the Noetic Sciences Institute, of Edgar Mitchell and his colleagues, who are exploring consciousness, and particularly communication over long distances *between organisms*, a process that cannot be explained by any known energy or force. Their research focus is consciousness, but their work has relevance to the body. Their theory is based on Peter Marcher's model of perception, which is based on phase-conjugate-adaptive-resonance, a theory of how two phase waves interact, very much in line with Wolff's In wave and Out wave theory.<sup>12</sup> Phase-conjugate-adaptive-resonance is what we believe is going on, in large part, in NES matching tests. You can read more about it online, as it is too much to go into here. But suffice it to say that it involves phase relationships of waves, with "like" seeking out "like," the vibratory matching of signals and information, and space resonance.

There is a lot of evidence for long-distance instantaneous communication—what is called nonlocal information transfer—between people and between people and animals and so on. In quantum physics, there is the philosophy of interconnectedness, with some people thinking that we are all part of a huge energy hologram. In physics, too, we have the idea—the reality—of entanglement, where two quantum entities that were ever in contact remain in informational contact forever, no matter how far apart physically they may be.

So far as NES theory is concerned, we have two different effects that link to the idea of nonlocality. First of all, there is the one within the body-field system, where there is an electrostatic charge to carry the field as well as the information within the field. This seems to work within the body-field system, and goes beyond the ability of the familiar electrochemical system to transfer information.

---

<sup>12</sup> See Peter Marcer, "A Quantum Mechanical Model of Evolution and Consciousness," online abstract at <http://secamlocal.ex.ac.uk/~mwatkins/zeta/marcer.htm#zeta>; also see Edgar Mitchell, "Nature's Mind: The Quantum Hologram," online at [www.edmitchellapollo14.com/naturearticle.htm](http://www.edmitchellapollo14.com/naturearticle.htm).

We are just beginning to realize, however, that there is another, possibly separate system. This one is not about real chemicals and large biological molecules, like the enzymes and the hormones. It is concerned with thoughts, which are just structures in space, and their transmission in the absence of a strong electrostatic field. My idea is that long-distance information transmission is possible. It appears however to be different from the transmission within the body-field system. It is indeed possible that we are able to manufacture the field that carries our thoughts. And this is almost certainly done by the cavities, and perhaps other structures, within the cranium. I am exploring this idea further, but I want to leave you with the notion that we have to go beyond known energy fields and forces to explain consciousness, which is, of course, so big a part of who we are. Our beliefs, thoughts, emotions play a huge role in health, and we must explore them further, from a bioenergetic perspective, if we are to be thorough in our exploration of the human body-field.

So we will leave it here, with this quick review of the seven principles of bioenergetic medicine.