

JUNK DNA: DOORWAY TO TRANSFORMATION

Far from being non-coding and useless, so-called “junk” DNA can interact with zero-point energy and the morphic field, affecting our consciousness and also responding to changes in our states of mind. It is even responsible for the emergence of language.

by Brendan D. Murphy
© 2012

www.facebook.com/GrandIllusion
[BooksScienceSpiritualityConsciousness](http://www.BooksScienceSpiritualityConsciousness.com)

Website:
<http://www.brendandmurphy.com>

Something that is not particularly widely known about the mind-body connection today is that, since the early 1940s, a genuine microbiological framework for understanding the power of suggestion, intention and belief has been developing. In this short essay based on my forthcoming book series *The Grand Illusion: A Synthesis of Science and Spirituality* (volumes 1 and 2), we will look at some of this work as it relates to previously unexplainable “spontaneous” alterations to the genomes of living people—and the physiological and psychospiritual transformations that often accompany them.

If We Don’t Understand It, Then It’s “Junk”

As most NEXUS readers would know, the vast majority of our DNA “text” is not used in the coding of proteins and enzymes—it is non-coding—and scientists generally don’t have any idea what its purpose is. Thus, in their infinite wisdom, they initially dubbed it “junk DNA”. How much of our DNA is junk? About 95–98 per cent—rather a lot of waste for Nature to hang onto, I think you will agree (some scientific estimates go as high as 99 per cent). Since it is not responsible for constructing our basic physical form, its purpose remains mysterious to conventional mindsets. A large portion of our “junk” DNA is made up of mobile genetic elements (transposons and retrotransposons) or “jumping DNA”, which can rewrite and activate—or deactivate—certain genetic codes. Jumping DNA reportedly makes up as much as *half* of the total DNA nucleotides.¹

Another major portion of the non-protein-coding regions of the genome is comprised of variable-number, tandemly repeating sequences known as “satellite DNA”. Microbiologist William Brown believes that through specific conformational arrangements, satellite DNA interfaces with the so-called “morphic field”; various conformations have specific resonances with the morphic field and can therefore tune into different information programs. Since satellite DNA is very specific to each person, each of us tunes into a distinct and unique morphogenetic pattern.² It seems likely that both jumping DNA *and* satellite DNA interface with the morphic field, thus responding to alterations in one’s state of consciousness. Satellite DNA’s ability to expand the number of repeating sequences means an increase in the information-carrying capacity of DNA. As a fractal antenna, DNA interacts with the vacuum/aether/zero-point field, transducing the zero-point energy which interacts with our consciousness. A greater interaction between our DNA and the torsion and/or scalar forces in the vacuum might equate to expanded consciousness, while a lesser interactivity would result in a contracted awareness. Thus, “certain modular arrangements of DNA would be more conducive to conscious awareness”.³

In the 1990s, a team of Russian linguists led by Dr Peter Gariaev discovered that the genetic code in “junk” DNA follows uniform grammar and

usage rules virtually identical to those of human language. It turns out that the "junk" was laden with the intimations of intelligence, purpose and meaning (a perspective forbidden by fundamentalist Darwinism).

This ground-breaking research followed Dr Jeff Delrow's discovery in 1990 that the four nucleotides (A, T, G and C) of DNA inherently form fractal structures closely related to human speech patterns.⁴ Within non-coding DNA segments, scientists have found large numbers of "endlessly repeated sequences with no apparent meaning, and even palindromes, which are words or sentences which can be read in either direction".⁵ Thus, human language seems to have emerged from the grammatical and syntactical structures within our very own DNA—the massive "junk" portion, no less!—hence why there is no substance to the notion that there was some kind of linear progression from the primitive form of pre-linguistic communication in the animal kingdom to human language.⁶ It was a "quantum leap" right out of the aether/vacuum (or what we will also call "time-space" here).

The Gariaev group's pioneering DNA research accounts for the power of hypnosis (and potentially most other psi phenomena, or "hypercommunication"). One of the basic assumptions made by the Gariaev team is that "the genome has a capacity for quasi-consciousness so that DNA 'words' produce and help in the recognition of semantically meaningful phrases".⁷

Because the structures of DNA base pairs and of language are so similar, we can alter our own genetics by simply using words and sentences, as has been experimentally proven. Live DNA "...will always react to language-modulated laser rays and even to radio waves, if the proper frequencies are being used. This finally and scientifically explains why affirmations, autogenous training, hypnosis and the like can have such strong effects on humans and their bodies."⁸

One of the more famous cases of hypnotically induced genetic alteration was documented c. 1951 at the Queen Victoria Hospital in West Sussex, England. It involved the cure of Brocq's disease in a teenage boy. His skin was dry, hardened and reptile-like, and it cracked and bled easily. Using hypnotic suggestion, anaesthetist and hypnotist Dr Albert A. Mason remedied the condition in a matter of weeks—a miracle at the time, since Brocq's disease is a genetic condition, so eliciting a cure meant that Mason had effectively reprogrammed the boy's genes (which scientists of the time "knew" was impossible). The boy's hardened skin fell away, exposing soft, healthy flesh which remained so thereafter.

Today we know that by using correct light and sound frequencies—as well as words—we can activate some of our mobile DNA to re-code certain portions of the genome, thus effecting a physical transformation at the most fundamental biological level.

DNA, Wormholes and Torsion Fields

During 1984–85, Gariaev made a startling discovery. He found that an *in vitro* DNA sample in a test tube had the ability to attract and harness coherent laser light, causing it to spiral along the DNA helix. This alone was an unexpected (and paradigm-shifting) discovery, but it wasn't all. After the DNA sample and all the apparatus were removed, *the photons continued to spiral as if the DNA was still there*. This was dubbed the "DNA phantom effect", and it signified that some "new" scalar/torsion field structure had been excited from the vacuum/aether and was entraining the light even in the absence of the DNA! This effect has been observed to last for up to a

month, showing that this new field structure possesses remarkable persistence and stability. Even after blowing the phantom away with gaseous nitrogen, it returns within 5–8 minutes (torsion fields are famously stable and persistent). Gariaev *et al.* also remark that "sound waves radiated by the DNA molecules were registered in these experiments",⁹ showing that DNA not only absorbs and emits light (as is well

established) but radio frequencies and phonons as well.

Our DNA harnesses both sound and light in its moment-by-moment operations, but, more than this, it "punches holes" in space-time, opening a window to time-space/the time domain. To put it another way, our DNA creates "magnetised wormholes" in the fabric of space—"...tunnel connections between entirely different areas in the universe through which information can be transmitted outside of space and time. The DNA attracts these bits of information and passes them on to our consciousness."¹⁰ Most of us know this process as intuition or psychic insight. Ordinary human memory would also operate on similar principles, since available evidence indicates that our memories are stored not in our brains but in field structures that envelop our bodies, and ultimately in the vacuum/aether itself.

Various researchers have theorised that the energy occupying time-space/aether which is responsible for these phenomena is twisting/spiralling torsion energy. The "magnetised wormholes" mentioned above could also be described as "torsion fields" or "vortices". A torsion field is a self-sustaining vortex in the aether/vacuum/time-space which is non-

...human language seems to have emerged from the grammatical and syntactical structures within our very own DNA—the massive "junk" portion, no less!...

electromagnetic—though it can produce EM effects such as light.¹¹ By spinning, a vortex can excite photons or virtual photons out of the fabric of space/aether—and static torsion fields can harness and store light within them (as we see with the DNA phantom effect).

Sol Luckman, developer of the Regenetics healing method, considers *qi/prana/orgone* to be the light-based effect of torsion fields. In *Conscious Healing*, he describes torsion energy thus: "...universal creative consciousness or subspace energy (Aether) experiencing itself in time... Torsion Energy in the form of a 'life-wave'...interfacing with and modifying Potential DNA's Transposons is the driving force behind the evolution of human consciousness and physiology."¹²

The first research generally credited with the discovery of this "fifth force"—torsion—is that done in the late 1800s by Russian professor N. P. Myshkin.¹³ Einstein's colleague Dr Elie Cartan first coined the term "torsion" in 1913 in reference to this force's twisting movement through the fabric of space-time—but his important work was virtually buried by the rampant success and notoriety of Einstein's theories. In the 1950s—the same decade in which Dr James Watson and Francis Crick discovered the helical structure of DNA—pioneering Russian scientist Dr Nikolai A. Kozyrev (1908–1983) conclusively proved the existence of this energy, demonstrating that, like time (and not dissimilarly to DNA), it flows in a sacred geometric spiral,¹⁴ as I detail in *The Grand Illusion* vol. 1 (TGI 1). Russian scientists are reported to have written thousands of papers on the subject in the 1990s alone, and, more recently, award-winning physicist Nassim Hamein, along with his colleague Dr Elizabeth A. Rauscher, has re-worked Einstein's field equations with the inclusion of torque and coriolis effects.

Torsion Fields, Mental Intention and Healing

If your "soul" is in fact a torsion field or vortex in the fabric of space (or a structure of multiple vortices, as described by seers and occultists), then your consciousness, by definition, must survive the demise of your physical body: it existed in the aether/vacuum before you ever obtained a body.

Interestingly, the work of scientists Gennady Shipov and Burkhard Heim "established that torsion generators allow us not only to replicate all 'phenomena' demonstrated by so called 'psychics', but they also are

able to demonstrate effects that were never demonstrated by any 'psychic'".¹⁵

This "transcendent" force that is intrinsically unrestricted by the bounds of our space-time (and which, in the form of torsion waves, operates billions of times beyond the speed of light) can account for the well-documented remote-healing phenomenon demonstrated in many studies, as well as more localised, short-range psychokinetic effects. (For a much more comprehensive exposition on such mind-matter interactions, see TGI 1.)

Cell biologist Dr Glen Rein discovered experimentally that anger, fear and similar emotions have the power to contract a DNA molecule, compressing it. On the other hand, emotions such as joy, gratitude and love unwind or decompress DNA exposed to them.

This effect could be created on samples up to half a mile away from the "sender" of the emotion.¹⁶ Years earlier in Russia, remote-influence experiments with human targets presaged Rein's results and proved that remote human intention could be used to effect physiological and conscious processes in a distant human target as well as to send telepathic messages.¹⁷

Pertinently, in another series of Rein's experiments, those with coherent electrocardiograms could wind or unwind DNA samples at will, while those with incoherent heart energy could not. Furthermore, in these experiments, simply *feeling* love-based emotions was not enough to affect the DNA samples: *the intent to alter them had to be present*.¹⁸ Thus, Rein's research links torsion energy to life-affirming emotions—in particular to unconditional love, which propels both our individual and

collective evolution. "Only the love-based emotions stimulate DNA to decompress so that messenger RNA can access codes for healing." Negative emotional states compress the DNA helix, "severely limiting access to genetic information necessary for healing as well as evolution".¹⁹

Sounds Like DNA Activation

We have recently entered into what Larry Dossey, MD, has dubbed "Era III" medicine. Era III medicine is concerned with the primacy of bioenergetic consciousness in the sound domain (time-space/aether) in healing and transformation, whereas "Era II" epigenetics was primarily restricted to the light domain

**If your "soul" is
in fact a torsion
field or vortex
in the fabric of
space...then your
consciousness,
by definition, must
survive the demise
of your physical
body: it existed in
the aether/vacuum
before you ever
obtained a body.**

of our space-time, and "Era I" was myopically based solely on physico-chemical considerations—a boon for Big Pharma.²⁰

As the Gariaev group has shown, sound and light can be utilised to rewrite the genetic code. The group even went so far as to be able to turn frog embryos into salamander embryos by electronically recording one species' DNA informational patterns and then re-transmitting them to the other species.²¹ The resulting salamanders could even mate and produce baby salamanders.



Figure 1. The transformed octave-based human bioenergy blueprint five months after Potentiation. According to this model, at this stage a ninth out-of-place vortex above the eighth vortex/chakra above the head has descended and “sealed” an energy drain in the second centre, referred to esoterically as the “fragmentary body”. The result is a balanced octave of eight vortices/chakras. (Image credit: Sol Luckman, *Conscious Healing*, 2006, 1st edition, p. 61)

Specific sound frequencies: herein lies the power of Luckman's DNA activation method. Some of you may be aware that our mathematically structured DNA is “tuned” to the ancient solfeggio scale; it is resonant with it. According to mathematicians Marko Rodin and Victor Showell, this scale constructs the entire universe. Len Horowitz, DMD, comments that the “creationistic dynamics of matter have their source in pure acoustic spirit”,²² which is vividly demonstrated (analogically) by the work of the late Dr Hans Jenny. By vibrating a mass of solid particles on a metal plate at certain frequencies,

Jenny caused those particles to arrange spontaneously into specific geometric forms. Alternatively, the vibration of these loose particles suspended in a fluid could be seen to create *nested geometric figures*—the Platonic solids, in point of fact.²³ Hence Horowitz's point about matter being created by “sonic” frequencies in the “spiritual” domain. Because reality is a fundamental ground that is holographic, it assembles the manifest universe fractally in a self-referencing manner in which geometric forms can be nested within one another.

By utilising just a 528 Hertz solfeggio tuning fork and the correct vowel chanting techniques (as detailed in Luckman's book *Potentiate Your DNA*), some of your mobile genetic elements can be activated to harness greater amounts of torsion energy in time-space/aether. (With the Regenetics method, the activation of potential DNA occurs incrementally as one goes through the different stages of Potentiation, Articulation, Elucidation and Transcension.) Potentiation—the first phase of the Regenetics technique—specifically employs the “mi” note of 528 Hz, which has been used by molecular biologists to repair genetic defects²⁴ and is also known simply as “Love Hertz”. The result of this total process (the Regenetics Method)—which unfolds over a minimum of 27 months—is a gentle and progressive kundalini awakening and healing of the physical, mental, emotional and spiritual bodies/layers of the psyche (see figure 1). Allergies disappear, old injuries repair, serious diseases vanish, the body detoxifies, emotional baggage is purged, and a sense of peace and wellbeing develop. Some people can even begin to sense their fundamental interconnectedness with creation.

For my part, immediately following my own Potentiation,²⁵ I noticed my damaged rotator cuffs felt subtly different. Within a few weeks, they had improved very significantly. Seven

months later, I experienced virtually no pain in them and could comfortably lie on my side to sleep at night—something I had not been able to do for about 12 years previously, no matter how positive I tried to be or how determined I was to heal them myself. I am convinced that this is not a placebo effect. Before doing my own Potentiation, even swinging my arms back and forth across my chest caused sharp, stabbing pains in my shoulders—but no more. As I type, I am experiencing a detox process (primarily through my sinuses), and my food allergies show signs of eventually disappearing.

With the DNA acting like a tuning fork and resonating with the solfeggio frequency, the "errors" in the sonic torsion field blueprints (in time-space) for our biology are corrected. At the biological level, the jumping DNA shift to rewrite the gene code for the better, as previously dormant codons are switched on to improve healing mechanisms and so on.

Consciousness researcher Stephen Linsteadt has reported that, at this 528 Hz frequency, "the clustered water molecules that surround and support the DNA structure form a perfect six-sided hexagon"²⁶—meaning that you are apparently generating your own internal cymatic effect as you perform your own Potentiation!

"In theory," writes Horowitz, "phase-locking your body to [the] 528 Hz frequency sends the most powerful healing energy in the universe to your DNA". DNA's amino acid sequence, which vibrates in a glycoprotein matrix of structured water, depends heavily on the 528 Hz frequency not just for its physical structure but also for its bioelectrical and bioacoustic functions.²⁷

A New Kind of Human?

Microbiologist Dr Colm Kelleher has studied "junk" DNA for years. He states that transposons are known to be engines of evolution, explaining that the most plausible mechanism for initiating a rapid, large-scale change in physical structure—even the emergence of a new species—is a "simultaneous transposition burst". He speculates that similar mechanisms might also be involved in a *kundalini* experience.²⁸

Kundalini—a real physical energy, as I show in TGI 1—has always been held in high esteem by mystics and seers because of its ability to awaken higher consciousness and vivify and restore the physical body. It upgrades the bioenergy system. The principal function of kundalini in occult development is reputedly to pass through the etheric chakras and vivify them so that they bring astral experiences through into the physical consciousness.²⁹ An enhancement of the

chakras at the etheric level will naturally have positive physical side-effects, as the etheric body is an energetic duplicate of the physical and in fact is considered to be of the "physical" density in its own right (unlike the astral/mental/spiritual energies).

Physicist Dr Amit Goswami states in *Physics of the Soul* that the raising of the kundalini seems to unleash the dormant capacities of consciousness for making new representations of the vital (etheric) body onto the physical body. "There is evidence. People in whom kundalini has risen and been properly integrated undergo extraordinary bodily changes (for example, the development of nodules on the body that [form] the figure of a serpent)."³⁰ Kundalini experiencers also often describe an incredible white light enveloping their consciousness—as the plasma-like kundalini rises up the spine and explodes into the head and the crown chakra. The result in the moment is often a state of expansive bliss.

One salient point to any researcher of these topics has to be that there are similar elements in the aftermath of DNA and kundalini activation as compared to the near-death experience (NDE). Aside from biophysical alterations (an effect shared by all groups), many near-death experiencers (NDEers) have reported that they experience a deeper sense of connectedness with all things, higher levels of

empathy, decreased competitiveness and egotism, elimination of the fear of death, and a greater sense of peace and contentment.

The spontaneous resolution or disappearance of serious diseases and allergies falls under the category of biophysical transformation, which is correlated with kundalini awakening as well as DNA activation. Near-death experimenter Mellen-Thomas Benedict, for example, had an inoperable brain tumour prior to his 90-minute NDE. Post-NDE, his cancer was simply gone: it had vanished.³¹

NDEers also find quite often that their psychic faculties are put into overdrive post-NDE—whether they like it or not! In *Transformed by the Light*,³² Dr Cherie Sutherland offers the case studies of 50 Australian NDEers, at least one of whom reported that post-NDE they had become so telepathic that they were picking up on the internal monologues of people around them—*totally unintentionally*.

Dr Kenneth Ring actually hypothesised in the 1990s that NDEers *do* undergo a kundalini awakening, and he marshalled some impressive evidence in support of the notion in *The Omega Project*.³³ (I expand on these themes in detail in TGI 2.)

**...there are similar elements
in the aftermath of DNA
and kundalini activation as
compared to the near-
death experience (NDE).**

We might speculate whether the NDE can also spontaneously precipitate the sealing of the "fragmentary body" (the energy defect in the second chakra) by revealing to people their true nature as immortal "spirit" or infinite consciousness and an integral part of the cosmos, thus remedying their "separation consciousness"—as well as other personal issues around self-loathing, guilt and so forth. Certainly, the experience of contacting a force of cosmic love, compassion and total, unconditional acceptance is powerfully healing for many NDEers. Perhaps not surprisingly, many find that they spontaneously develop powerful healing faculties—even to the extent that they give up their careers to become energy healers! This suggests the activation of previously dormant sections of DNA (codons) involved in the transmission and mediation of electromagnetic energy and torsion forces.

In 1996, Kelleher cloned a stretch of human DNA from activated human T-cells and found it to consist of a tandem array of transposon sequences "arranged like beads on a string". It was the perfect structure that he had envisioned for accomplishing "a large-scale speciation-type change". Kelleher predicts that people who have undergone NDEs or have meditated for long periods "should have a higher transcriptional level of this transposon cassette".³⁴ Available NDE case studies seem to support his contention.

Many NDEers appear to represent a new kind of human being: one not just infinitely more metaphysically aware than the "average" person but one who is also more "switched on", genetically and psychically speaking. Overall, NDEers seem to show an unusually high level of intuitive activation, not unlike kundalini-awakened individuals.

Conclusions

Thanks to the innovative work of researchers in fields as diverse as NDE research, psychiatry, molecular biology, hypnosis, kinesiology, occultism and more, we may have identified four major ways to activate our latent jumping DNA to effect dramatic personal transformation: hypnosis, DNA activation with Solfeggio frequencies, kundalini awakening, and NDEs.

With the extinction of bottom-up Darwinian "DNA primacy", we can and must relinquish the moribund notion that our genetic inheritance is a done deal which we can no more change than the Earth's orbital pathway around the Sun.

The lines of research discussed herein reveal that in using sound and language deliberately to change our genetic expression in a controlled fashion, we can also

change our consciousness—and vice versa. We can change our consciousness and, in turn, alter genetic expression (permanently, it seems). No longer can a human be conceived of as a powerless little Darwinian "meat computer" at the mercy of "natural selection".

Thank goodness for the "junk" that Nature didn't throw away! ∞

About the Author:

Brendan D. Murphy is the rising Australian author of the forthcoming science-meets-metaphysics non-fiction epic *The Grand Illusion: A Synthesis of Science and Spirituality* (volumes 1 and 2), and a contributing writer for several popular alternative magazines and websites. While <http://www.brendandmurphy.com> is under construction, NEXUS readers are warmly invited to visit The Grand Illusion (TGI) fan page on Facebook for more articles, information and free book excerpts (as well as updates on Brendan's obscure musical proclivities). Go to <http://www.facebook.com/The.Grand.Illusion.Books>.

Overall, NDEers seem to show an unusually high level of intuitive activation, not unlike kundalini-awakened individuals.

Endnotes

1. Gage, F.H. and A.R. Muotri, "What Makes Each Brain Unique", *Scientific American*, March 2012
2. Brown, W., "Morphic Resonance and Quantum Biology", NEXUS 2012;19(2)
3. *ibid.*
4. Luckman, S., *Potentiate Your DNA*, Crow Rising Transformational Media, USA, 2010–11, p. 116
5. Narby, J., *The Cosmic Serpent: DNA and the Origins of Knowledge*, Phoenix/Orion Books, London, 1999, p. 100
6. Pinchbeck, D., 2012: *The Return of Quetzalcoatl*, Jeremy P. Tarcher/Penguin, 2006, p. 174
7. Miller, Richard Alan, Iona Miller and Burt Webb, "Quantum Bioholography: A Review of the Field from 1973 – 2002", 2002, <http://tinyurl.com/7nb72tf>
8. Fosar, G. and F. Bludorf, "Spiritual Science: DNA is influenced by words and frequencies", <http://tinyurl.com/85npbn2>
9. Gariaev, P.P., M.J. Friedman and E.A. Leonova-Gariaeva, "Principles of Linguistic-Wave Genetics", *DNA Decipher Journal* 2011 Jan; 1(1):11-24, <http://tinyurl.com/76shk6a>
10. Grazyna Fosar and Franz Bludorf, from their book *Vernetzte Intelligenz*, quoted at <http://tinyurl.com/qf78vw>
11. For in-depth discussion of torsion as it relates to psi phenomena, see TGI 1.
12. Luckman, S., *Conscious Healing*, Booklocker Publishing, Bangor, Maine, 2006, 1st edition, p. 219
13. Yurth, D.G., "Torsion Field Mechanics: Verification

Continued on page 81

Junk DNA: Doorway to Transformation

Continued from page 44

of Non-local Field Effects in Human Biology", 5 December 2000, <http://tinyurl.com/6u8f69o>

14. Luckman, *Conscious Healing*, op. cit., p. 52. See also M.D. Jones, *PSIence*, New Page Books, New Jersey, 2006, pp. 183-6

15. Nowak, A.M., "Torsion Fields – Theory of Physical Vacuum – Shipov and Heim", tinyurl.com/yek8qcx

16. Rein, G. and R. McCraty, "Local and Non-Local Effects of Coherent Heart Frequencies on Conformational Changes of DNA", Institute of HeartMath, 1 January 2001, <http://tinyurl.com/6m9h94r>

17. See S. Ostrander and L. Schroeder, *Psychic Discoveries Behind the Iron Curtain*, Bantam, 1971, 2nd pr.

18. Rein, G., "Effect of Conscious Intention on Human DNA", *Proceedings of the International Forum on New Science*,

Denver, Colorado, October 1996, <http://tinyurl.com/79mw5c7>

19. Luckman, *Potentiate Your DNA*, op. cit., p. 92

20. *ibid.*

21. Fosar and Bludorf, *Vernetzte Intelligenz*, op. cit., quoted at <http://tinyurl.com/qf78vw>

22. Horowitz, L.G., "Why Some People Just Can't Get Along", *Veritas* 2011–12; 2(6), <http://www.theveritasmagazine.com>

23. See chapter 6 of my forthcoming book *The Grand Illusion: A Synthesis of Science and Spirituality*, vol. 1 (Balboa Press), for more detail on this.

24. Luckman, *Conscious Healing*, op. cit., p. 122

25. See my article "Diary of a DNA Potentiator" in *New Dawn*, no. 133, July–August 2012, and an expanded, updated version at my website <http://www.brendandmurphy.com>.

26. Linsteadt, S., "Frequency Fields

at the Cellular Level", <http://tinyurl.com/82lsf5f>

27. Horowitz, op. cit.

28. Grosso, M., *Experiencing the Next World Now*, Paraview/Pocket Books, New York, 2004, p. 163

29. See A.E. Powell, *The Etheric Double*, The Book Tree, San Diego, CA, 2007, chapter 13 (first pub. in 1925)

30. Goswami, A., *Physics of the Soul*, Hampton Roads Publishing Co., Charlottesville, VA, 2001, p. 246

31. See P.M.H. Atwater, *The Big Book of Near-Death Experiences*, Hampton Roads Publishing Co., Charlottesville, VA, 2007, pp. 36-7

32. Sutherland, C., *Transformed by the Light: Life after near-death experiences*, Bantam Books, 1992

33. Ring, K., *The Omega Project: Near-Death Experiences, UFO Encounters, and Mind at Large*, William Morrow & Co., New York, 1992

34. Grosso, op. cit., pp. 163-4