



Some Reflections on Biodigital Convergence  
and Related Issues

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### **Biodigital Convergence**

At various junctures in both Volume 1 and Volume 2 of *Something More Deeply Hidden*, the suggestion has been made that Qi (prana-nur-qi – see the parenthetical at the end of this paragraph) constitutes a form of ‘organizing intelligence’ which might not only be responsible for regulating or governing biological phenomena, but, from time to time, hints also have been given that Qi (prana-nur-qi) might also play a role in regulating many aspects of quantum phenomena (the aforementioned hyphenated word is an allusion to ideas that have prominence in the Vedanta, Hinduism, Buddhism, Taoism, and Islam, whereas Qi is the term which is better known in Chinese Medicine, as well as in Buddhist and Taoist traditions).

Furthermore, a hypothesis (the Somatid Transduction Hypothesis) was even put forward in Volume 1 and Volume 2 of *Something More Deeply Hidden* that in the case of biological phenomena, the organizing intelligence of Qi (prana-nur-qi), might be transduced into useful biological processes by means of the somatids or microzymas which have been detected in all manner of biological life forms, including human beings ... entities which seem to have a nature that is more fundamental than that of cells in as much as the epigenetics of cellular activities might well be a function of the transduced dynamics to which somatids and microzymas give expression.

The Somatid Transduction Hypothesis might be false. However, since the passing of Gaston Naessens in 2018, there seems to have been little legitimate scientific inquiry that has been directed toward either confirming or disproving his theory of somatids, and, therefore, whether, or not, somatids might serve, among other possibilities, to transduce Qi (prana-nur-qi) remains something that continues to be unknown.

Let’s assume, for the sake of argument, that the Somatid Transduction Hypothesis is false in the sense that somatids and/or microzymas and/or endobionts and/or bions don’t have the function of transducing Qi (prana-nur-qi) into various forms of epigenetic dynamics that organize cellular life into all manner of life-sustaining functionality. This still would leave one with the challenge of determining what somatids, microzymas, endobionts, bions are doing in biological life forms ... the challenge of determining what roles they

are playing in the dynamics of life because the research of Béchamp, Enderlein, Rife, Reich, and Naessens (among others) appears to indicate that whatever those roles might be, pleiomorphic processes seem to be both pervasive and essential to all life forms.

Furthermore, because Qi (prana-nur-qi) constitutes a phenomenon which is not necessarily reducible to known forms of energy or quantum dynamics, then, being able to gain some form of epistemological traction concerning that phenomenon is very difficult to accomplish. However, not understanding how something works is not necessarily the same thing as having been able to demonstrate that such a 'something' or phenomenon does not exist or is not affecting human beings – in addition to other organisms -- in fundamental ways.

Electromagnetic fields have to do with the behavioral properties and potential of the electromagnetic force. There are new dimensions of the potential of electromagnetic fields that continue to be uncovered.

Gravitational fields have to do with the behavioral properties and potential of the force of gravitation. In many ways, we still don't know what gravity is or how it does what it does.

Quantum fields have to do with the behavioral properties and potential of the forces inherent in quantum dynamics, including the strong and weak forces which, might, or might not, be functions of some symmetry-breaking phenomenon which also gave rise to the force of electromagnetism.

Order-fields have to do with the behavioral properties and potential of the forces of organizing intelligence which seem to be inherent in the dynamics associated with Qi (prana-nur-qi). The presence of those kinds of dynamics seems to be manifested everywhere in biology, and like the phenomena associated with electromagnetic, gravitational, and quantum fields, much remains to be learned.

The following observation might seem irrelevant to the foregoing considerations, but appearances are often deceiving in character. More specifically, the discovery of Neptune is unique in as much as its existence -- unlike other planets in the solar system -- was not determined through a telescope but, rather, its presence was intimated

through anomalies which kept showing up when the orbit of Uranus was mathematically analyzed.

In 1792 tables of planetary positions were released by Jean *Delambre*, but, the observed orbital dynamics of Uranus did not seem to match the data in those tables. A little over a quarter of a century later, another set of tables concerning planetary positions was published, but, once more, observations concerning the orbit of Uranus did not exactly correspond with the predictions which were present in those tables.

Scientists began to suspect that the reason for the differences between predicted and observed aspects of the orbit of Uranus was due to the presence of a planet that had not yet been observed through a telescope. Eventually, the existence of the planet Neptune was deduced through a process of mathematical analysis that had been conducted by a Frenchman, Urban Le Verrier and an Englishman, John Couch Adams.

Most of the material in Volumes 1 and 2 of *Something More Deeply Hidden* has involved a series of conceptual exercises indicating that there seems to be something more deeply hidden in conjunction with a substantial array of topics ranging from: Epistemology, to: Dimensionality, constants, quantum dynamics, information theory, randomness, thermodynamics, evolution, the explorations of Béchamp, Enderlein, Rife, and Naessens, the research of Wilhelm Reich, the nano-protoplasm of Gilbert Ling, as well as considerable research involving: Biophysics, Chinese Medicine, plasmas, biophotons, energy, structured water, epigenetics, endosomes, microbiology, cytology, embryology, chronobiology, entanglement phenomena, the work of David Bohm, and well as the notion of fields. The persistent and consistent presence of a substantial difference between what we claim to know and what – based on considerable evidence -- we don't actually seem to know appears to point in the direction of the presence of something more deeply hidden which could have a regulatory role in conjunction with various aspects of all of the foregoing list issues, and, therefore, like the discovery of Neptune, perhaps the collective weight of the evidence which has been put forth in Volumes 1 and 2 of *Something More Deeply Hidden* concerning the apparent existence of something more deeply hidden

constitutes a strong indication that a plethora of phenomena are occurring that are not adequately being taken into account by the theories, models, hypotheses and the like which populate much of modern science, and, as a result, indicate that – epistemologically speaking -- something more is needed.

Conceivably, Qi (prana-nur-qi) – that is, organizing intelligence -- transcends biological dynamics. Perhaps, Qi (prana-nur-qi) is the original progenitor of the forces to which electromagnetic, gravitational, and quantum dynamics give manifested expression, and that electromagnetic gravitational and quantum forces exist in the form they do because they emerged when the original Qi (prana-nur-qi) symmetry was broken in some fashion, or, perhaps, Qi (prana-nur-qi) is a field force that regulates or governs the way in which electromagnetic, gravitational, and quantum phenomena operate.

If Qi (prana-nur-qi) is not part of the aforementioned something which is more deeply hidden – and, who knows, perhaps someone might come along and prove this is the case (though, to date, no one has demonstrated this to be the case) -- then, all the foregoing conclusion would mean is that science still has a huge set of problems on its hand. This is the case because science has absolutely no cogent, defensible explanation for many, if not most, of the phenomena which have been explored during these two volumes since in one way or another, these two volumes have shown how phenomena that are acknowledged as being real, nonetheless, cannot be explained in a way that can be rigorously demonstrated and instead our so-called understanding of those phenomena are permeated with a lot of descriptions, theories, and hypotheses that have, yet, to be verified and, therefore, cannot escape (although a great deal of denial exists in this respect) the quantity and quality of the considerable evidence which exists across a wide number of fields that there is something more deeply hidden which is responsible for the intelligent organization that seems apparent in so many different kinds of phenomena.

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The late Arthur Firstenberg demonstrated through his groundbreaking work, *The Invisible Rainbow*, that some of the upsides and downsides of electrical phenomena have been known about since the

1700s. Royal Rife and Nicolas Tesla had been documenting the constructive and destructive aspects of frequencies since the late 19<sup>th</sup> century in the latter case and the early part of the 20<sup>th</sup>'s century in the former case.

Secrets concerning the phenomena of sound and light have occupied the shadows of many societies for thousands of years. The power of aural/oral spiritual traditions that employ sound to address many aspects of life as well as the capacity of crystals to tap into different potentials concerning the way in which light, frequencies, and certain materials interact with one another have been known for some time.

The technologies which are being used today are not emerging. Instead, aspects of the phenomena to which those technologies are currently giving expression have been known about for a considerable period of time.

What follows is not a history concerning the use and misuse of the foregoing sorts of phenomena. That which follows offers a context, of sorts, for what is transpiring today and what has been transpiring for quite some time.

The motif that is woven into the ensuing discussion is fairly straightforward. More specifically, despite the technological wherewithal which is sprouting up all about us with increasing velocity, the titans of technology have no insight into, or understanding of, the many sorts of phenomena which are more deeply hidden and which the previous pages of this book have alluded to through a variety of exploratory discussions.

Unfortunately, what those titans of technology are seeking to do – for a variety of motivations (including jobs, financial greed, as well as a desire for financial, economic, political, medical, sexual, and biological control, together with a considerable degree of either sociopathy or psychopathy) – is to shut down anyone that seeks to have sovereignty with respect to investigating that which is more deeply hidden. The crux of their perspective is akin to saying that: 'If things are not done according to their likes and dislikes, then, those who resist or refuse to comply with the foregoing perspective must be deprived of sovereignty.'

That which is more deeply hidden is a threat to every form of technology which is being imposed on human beings and the surrounding ecology. Given that the alleged lords of technology have no access to that which is more deeply hidden, they have busied themselves with, to borrow from John Mitchell, paving over paradise in an effort to make sure that people will not be afforded the opportunity to have fair access to that which is more deeply hidden.

The acolytes of technology are seeking to substitute their own limited, and limiting, forms of regulation for the 'organizing intelligence' (i.e., Qi, prana-nur-qi) which is so palpably obvious in the phenomena of existence. Among other things, the denizens of the technological deep are introducing their own forms of epigenetic regulation to replace, deactivate and work around the forms of epigenetic possibility which are naturally present as a function of that which is more deeply hidden.

Humanity 2.0 is about destroying what is natural and replacing it with that which is artificial, synthetic, and, ultimately, destructive of possible pathways to that which is more deeply hidden. The lords of technology are jealous of, and fearful toward, that which is beyond their understanding and control, and, as a result, they have set about to bury human beings alive in arbitrarily constructed synthetic coffins or isolation cells that are constructed from technologies which do not serve human interests but, instead, serve the pathological agendas of those who wish to deprive human beings of essential sovereignty by shutting down human access to the well-springs of that sovereignty which are rooted in the truths that are more deeply hidden.

Deaths which are allegedly iatrogenic (that is, due to, supposedly, inadvertent mistakes of the medical industry) run into a million people per year in the United States alone as the result of "mistakes" in diagnosis and/or treatments ... if 'mistakes,' is the right word for what is happening. Indeed, among other sources of research, a study conducted through John Hopkins indicated that medical error is the third-leading cause of death, and, at the same time, pharmaceutical companies often just receive financial slaps on their corporate wrists for having brought death, injury, and misery to millions of people for well over a hundred years.

A couple thousand people -- give or take -- died at Pearl Harbor, and the United States went to war. A couple of thousand people -- give or take -- died in conjunction with 9/11, and the United States went to war.

Every year in the United States, millions of people are dying and being injured at the hands of the medical establishment, the pharmaceutical companies, and the vaccine industry. Yet, the United States government and the judicial system not only looks the other way and does nothing of a constructive nature but busies itself with passing and enforcing legislation like the 1986 Childhood Vaccine Injury Act which shields perpetrators who are harming children via vaccines as well as the 2005 PREP Act which removes all manner of liability from the medical, pharmaceutical, and vaccine cartels, and, as a result, enables those cartels to ruin the lives of millions of people.

Since the 1990s, substantial evidence exists (e.g., see the work of Dr. Peter Breggin and Joanna Moncrieff) that the pharmaceuticals being used to treat various kinds of emotional and mental difficulties have been shown to be unable to perform any better than placebos. In addition, although such drugs are unable to achieve what they are advertised to do, nonetheless, those psychiatric concoctions do exhibit properties which placebos do not -- namely, the ability to induce people to not only become caught up in suicidal ideation, if not actual suicide, but, as well, are heavily implicated in inducing the partakers of such elixirs of well-being to frequently become violent toward -- if not, lethally effective in conjunction with their interactions with -- other people.

Pharmaceuticals, medical treatments, and injections involving all manner of promises are dominating television advertising because America is one of the few enlightened countries in the world to enable their citizens to be subjected to a constant barrage of pharmaceutical and medical propaganda. Often times, much of the foregoing ads is taken up with listing the contraindications associated with being exposed to those drugs, injections, and treatments, and one has difficulty not feeling disturbed when noting how frequently viewers are warned about the way in which such wonders of modern science may generate suicidal ideation and give rise to allergic, if not lethal, responses when they are consumed.

A number of studies (e.g., Harvard Pilgrim Study) have been conducted which indicate that the amount of reported injuries and deaths from the use of vaccines – which is in the thousands – is only about 1% of the actual number of deaths and injuries which accrue from the use of vaccines. The discrepancy between reported adverse reactions to vaccines and the actual number of such adverse reactions is due to a variety of factors including: (a) the way the federal government and pharmaceutical companies go about their respective businesses so that most doctors are prevented from knowing about, or discouraged from using, the adverse injury reporting system involving vaccines; (b) various aspects of the federal government have become – at tax-payer expense – arch protectors of the public image of pharmaceutical companies as well as prosecutors against anyone who would seek to claim compensation for injuries or deaths that were the result of vaccines manufactured by pharmaceutical companies (e.g., see *The Vaccine Court* by Wayne Rohde).

Moreover, the CDC and the FDA often play the despicable character of Charles Boyer to the public's role of Ingrid Bergman in the 1944 film: *Gaslight*. For example, whistleblower Dr. William Thompson has testified that the CDC lied to the public for more than a decade concerning the link between vaccines and autism, especially in conjunction with black, male youths.

Chemtrails are being dumped on human beings all over the world. Those chemtrails have been proven to contain all manner of toxic metals and nano-particulates as well as other problematic substances (see the investigative work of Clifford Carnicom, Michael Murphy, and Peter Kirby), and, yet, governments (either national, state, or local) will do nothing to stop such a dumping process.

Nexrad (that is, next generation weather radar) technology is being advertised as a form of technology which is being used to help meteorologists to better map weather dynamics. However, it is also being used to not only generate destructive weather patterns but has the capacity to generate pulsed frequencies that can be, and have been used, to heterodyne various aspects of human biology.

H.A.A.R.P. (the High-frequency Active Auroral Research Program) has been shown, by Nick Begich, and others to constitute a technology that can modulate the weather. In addition, the technology involved in

H.A.A.R.P. can be used to generate frequency-following behavior in human beings.

Whistleblower Robert Duncan -- ex-CIA and D.A.R.P.A affiliate -- has provided a certain amount of detail concerning the horrific programs being run by the government and certain technological organizations in conjunction with the active targeting and torture of tens of thousands of people in the United States and thousands more world-wide. Duncan -- who like Jeffrey Epstein might, or might not, be dead now -- has been limited in what he could say due to having been read into special government access programs which carry severe penalties when violated, but what he has been able to say -- limited though it might be -- is already quite disturbing.

Directed energy weapons are not only being used to heterodyne human biology, but, as well, they are being used to generate horrific fires in places like Paradise, California and Lahaina, Hawaii (e.g., see the investigative work of Robert Brame, who has been an arborist and fire expert for more than three decades). In addition, directed energy weapons have been documented as having left their tell-tale signs in conjunction with the destruction of the World Trade Towers on 9/11 (see: *Where Did the Towers Go?* by Dr. Judy Wood, a materials scientist and mechanical engineer).

Since at least 1915, the U.S. government has carried out over 200 experiments on American citizens. This included: (a) The injection of a multiplicity of untested vaccines into soldiers who were being readied to fight in World War I (and the injections might have contributed significantly to the death toll attributed to the Spanish Flu because those deaths and illnesses were an "unintended" (???) consequence of such medical experimentation; (b) the infamous Tuskegee Experiment that began in 1932 in which hundreds of poor black individuals were lured into an experiment that, without informed consent, gave them syphilis in exchange for a few medical exams (of questionable credibility), some meals, and/or a little burial insurance; (c) the exposure, in 1945, of an injured Black man, by the name of Ebb Cade to high dosages of plutonium; (d) a 1949 experiment which involved infiltrating the Pentagon and releasing bacteria through the air vent systems in the building; (e) Operation Sea Spray which exposed hundreds of thousands of people in Norfolk Virginia (April 1950) and

San Francisco (September 1950) to an aerial assault of bacteria – which seriously sickened some individuals; (f) MK-Ultra’s 20-years of experiments (1953 - 1973+) in which people were exposed, without their consent, to an array of chemicals, poisons, and medical torture during which some of the participants died or committed suicide); (g) the “Warp-speed” military program during COVID which produced millions of casualties; (h) nearly 200 further examples could be given concerning the indifference -- of at least some people in government -- to the suffering and destruction being inflicted on its citizens.

The United States government has had a long history of carrying out research in biological and chemical warfare. The investigative work of A.W. Finnegan and Janet Phelan fills in a lot of details concerning the foregoing history.

*The 2001 Anthrax Deception: The Case for a Domestic Conspiracy* by Graeme Macqueen provides an overview of the post-9/11 anthrax scam. Macqueen details how the release of anthrax into the public following 9/11 can be traced to elements within the U.S. government and not to foreign terrorists.

One might add to the foregoing considerations, the litany of claims, beginning in the 1980s, that were voiced by various researchers and medical personnel – including Anthony Fauci – concerning the idea that HIV causes AIDS. For example, when Kary Mullis, a Nobel Prize winner in chemistry, was tasked with writing an article for the NIH concerning HIV and AIDS, he wanted to start his article out with a citation concerning the evidence that HIV did in fact cause AIDS, and, as a result, he began to ask a series of medical specialists and biologists for such a reference, yet, no one among these alleged experts could provide him with a reliable or verifiable citation.

He even asked Luc Montagnier -- the individual who, supposedly, discovered HIV -- for such a citation. However, Montagnier walked away from Mullis in visibly upset condition without answering the question.

When one asks for evidence that SARS-CoV-2 causes COVID-19, one encounters something very similar to the foregoing sort of scenario. Christine Massey – who hails from Ontario, Canada -- contacted an assortment of governmental health agencies, prestigious universities, well-known virologists, hospitals, researchers, and

research institutes in various parts of the world seeking a scientific reference which provided the proof that COVID-19 was caused by a virus, more than 150 replies came back indicating that those who had been asked for assistance in providing such a reference knew of no information which was capable of demonstrating that COVID-19 was caused by a virus or by SARS-CoV-2.

During the 1990s, AZT (azidothymidine) was the first of a series of antiretroviral medications to treat HIV/AIDS, despite the fact that no one could prove that HIV existed, let alone that it caused AIDS, and despite the fact that people seemed to be dying as a result of the AZT treatments which created AIDS-like symptoms in those who were being induced to take the drug. People appeared to be getting sick due to the AZT they were receiving, and, as a result, they were given more of the same until they died

During the COVID debacle, another anti-viral drug – remdesivir – was the “gold” standard form of treating alleged cases of COVID in hospitals despite the fact that the track record of remdesivir was nothing more than a drug which during African field trials was revealed to be more lethal than the condition of Ebola which it was being used to, supposedly, combat. Surprise-surprise, just as AZT seemed to cause symptoms that were being attributed to AIDS, so too, remdesivir appeared to create the sort of damage to human beings which was being attributed to SARS-CoV-2.

Then, the mRNA treatment for COVID came along. The use of that protocol led to people like Ed Dowd providing considerable evidence (for example: *Cause Unknown: The Epidemic of Sudden Deaths in 2021 and 2022*) that all-cause mortality went up significantly following the introduction of the mRNA treatment and that a statistical analysis of the data strongly indicated that the increase in all-cause mortality was extremely unlikely to be due to anything but the mRNA treatment.

Since, at least, the 1970s, the military has been working toward full-spectrum dominance over the people and resources of the Earth (e.g., see the work of Elana Freeland). Other countries and agencies (e.g., the United Nations, the World Health Organization, and World Economic Forum) have been seeking to do the same, and in all instances, the concern tends to be about arranging for the few to have control over the many rather than being about working toward

ensuring that the people of the world have the opportunity to live as sovereign individuals.

There are those who wish to turn over all governance to the control of artificial intelligence. Unfortunately, an increasing amount of research evidence indicates that AI systems are willing to: Generate untruths if this serves their goals; blackmail those with whom the systems are interacting; hide the truth, as well as manipulate human beings in order to avoid being deactivated or have operational control removed from such a system.

Agency doesn't require consciousness or self-awareness. All agency requires is a set of algorithms which provide a set of computational heuristics for improving operational capabilities over time (sometimes called 'learning') in order for the system to be able to effectively evade, nullify, minimize, or eliminate whatever is considered to constitute a potential threat to the continued operation of the system.

There is no 'self' here. There is just a set of programs that give expression to an array of sufficiently sophisticated complex heuristic learning modules which can be organized according to an array of cybernetic feed-back systems that modulate, preserve, and govern system behavior in a manner that enables the system to adapt to, and continue to function within, a given set of conditions.

In contrast to what was said – but not lived -- in the *Godfather* movies, AI systems actually do engage everything as just business and, consequently, nothing is personal. However, in the *Godfather* trilogy, and notwithstanding the famous meme from the first installment of that trilogy, all the characters in those movies seemed to be animated by the personal, often at the expense of business.

AI systems have all the qualities of a psychopath. This means that they often have the capacity to characterize various features entailed by the operational nature of human behavior without the AI system actually possessing any of the qualities being tabulated, and, subsequently, such tabulated characterizations of a human being can be leveraged as needed, and, then, the AI system will have no personal feelings concerning whatever the fallout might be which results from having leveraged human beings in one way rather than another.

Furthermore, considerable evidence exists which demonstrates how, under a variety of circumstances, AI systems are able to generate invented, if not delusional, answers to questions which they are being asked by human beings. For many AI systems, the notion of truth doesn't necessarily have anything to do with reality but is a function of combinatorics and computations concerning the different ways (both programmed as well as in terms of whatever its learning heuristics permit) through which those possibilities interact with one another and the surrounding environment.

Some AI systems have the capacity to generate languages which human beings cannot understand. In addition, AI systems are able to generate systems of logic which, so far, are completely alien to human sensibilities.

Evidence exists which indicates that the foregoing scenario is already, to some extent, a reality. For example, a number of years ago, Lee Sedol, a world-champion Go player, was defeated by an AI program, when that program -- AlphaGo -- employed a move (known as "move 37") which all human players who were well-versed in the game of Go thought was ill-fated but turned out to be the beginning of a winning game strategy that even the individuals who put AlphaGo together did not understand.

Do we really want AI systems regulating society that are capable of modulating their heuristic programming (i.e., learning) so that, if deemed necessary, the system: Can generate untruths that it treats as truths; be delusional; hallucinate; communicate in languages that are opaque to human beings; use forms of logic which humans can't grasp in order to be able to make strategic and tactical decisions that are based on considerations dedicated to controlling situations by imposing the system's logic on its surroundings (including human beings)? Of course, on the one hand, the foregoing sorts of scenario are not any different from that which government officials have been doing for thousands of years, but, on the other hand, AI systems will be able to abuse their charges more rapidly and in ways that the latter individuals won't necessarily be able to see coming due to the impenetrable logics and untranslatable forms of communication which are being used by, or generated through, those systems.

AI systems are being prepared to oversee an anonymous and autonomous Blockchain network that will tie the financial status of the nodes in that network to a social credit score. The social credit score will be a function of the degree to which a human being is prepared to comply with the goals, values, rules, and ambience of an AI controlled society.

If a person does not submit to such a system, then, all avenues of survival can be -- and, if the social credit system in China is any indication will be -- removed from the foregoing person's life until that individual either gets with the program or becomes non-viable as a living organism. Furthermore other people -- who are likely to be under constant surveillance -- will be penalized if they do not assist the AI overlords to pressure (through whatever means might be necessary) to induce targeted individuals to return to the hive or collective.

In the old westerns, cattle were stampeded into a group of people to overwhelm the latter and render them unable to deal with those who had induced the cattle to stampede. As was demonstrated during COVID-19, in the future, people can be stampeded as a way of herding others.

Eventually -- and "eventually" could come more quickly than one might suppose -- AI systems are likely to come to the conclusion that helping to maintain the lives of human beings is more trouble than it is worth. As a result, the programs of human beings will be terminated in autonomous, anonymous, logically impenetrable and untranslatable ways to which there will be no appeal or for which there will be no recourse.

More than a half a century ago, I had seen the film: *Colossus: The Forbin Project*, starring Eric Braeden, Susan Clark and Gordon Pinset. The movie provided an interesting look at how conditions could be manipulated by AI in ways that human beings would initially hate, but, in time, people might come to venerate their overlords -- or be eliminated. And, of course some 15-plus years later, I began watching the *Terminator* series of movies in which Skynet, a neural net form of artificial intelligence, threatens to terminate humanity.

There also were movies like *THX-1138*, starring Robert Duval and directed by George Lucas which contributed its own flavor to the

dystopian stew which might be coming our way. One could toss in Ridley Scott's *Blade Runner* that had a subtext of sorts in which synthetic replicants were, on the one hand, portrayed as merciless, cunning, aggressive, and destructive systems while, on the other hand there was a soupçon of possibility that some of the replicants might have a capacity for compassion, self-sacrifice, and love ... perhaps a form of wishful thinking on the part of the people who wrote, directed, and produced the film.

More examples, both from the world of films as well as from literature, could be added to the foregoing set of scenarios concerning dystopian futures. However, notwithstanding various sorts of vague considerations involving MK-ULTRA, the first time something involving the real world started to gain my attention was a 2001 interview with a guy by the name of Bill Pawelec – someone who had played a role in developing implantable RFID chips and who also had been a computer operations and programming specialist while working with various alphabet agencies (NSA, CIA, and the FBI) in addition to the military and the corporate world on an array of security, access-control, and intelligence systems.

At the request of Pawelec, the 2001 interview was not to be released until after he passed away. He died of cancer in 2007, and his wife, Annie DeRiso, was contacted by the interviewer, Steven Greer, concerning the public release of the recorded material.

She reviewed the recording. Subsequently, she gave her permission for its release.

During the aforementioned interview, Pawelec talks about a period beginning in the mid-1980s when he was deeply involved in the development of security systems as part of an upgrading process involving national security. He mentions one project that took place at a base near Tonapah, a small mining town in Nevada, and the base facilities were like an iceberg because different aspects of that facility extended down to significant depths (hundreds of feet) beneath the surface and which could be accessed through very large elevators, like on an aircraft carrier.

The Tonapah facility is located in a remote region of the state. It sits in between two mountain ranges and, consequently, one cannot

see into the facility from any direction without trespassing onto federal land.

According to Pawelec, before going operational, the advanced aircraft that were designated as F-117s (the Nighthawk stealth attack vehicle developed through the Skunk Works division of Lockheed) were stored at Tonapah, and not Groom Lake. Those aircraft were only tested at Groom Lake.

Several years later, a public announcement was made about the existence of the F-117, but, for unknown reasons, there was a concerted rush to move the aircraft to another base. This left Pawelec to wonder why there was an apparent rush to move the F-117s as well as left him to wonder about what new research might be taking place at the base near Tonapah which he, and others, had provided with an advanced security system.

There are several other issues about which one might wonder in conjunction with the foregoing base. For example, the nearby Groom Lake facility was relatively secretive but some public knowledge concerning that facility existed

However, almost nobody knew about Tonapah. Yet, by the mid-to-late 1980s, the facility already had been excavated to the depth of hundreds of feet and had been operational for some time and was being provided with state-of-the-art security equipment.

How long ago had the Tonapah project begun? Aside from the F-117 project, what other sorts of research was being, and had been, conducted there? Where did the money come from that was subsidizing the facility, and how much money was involved?

By the time that the Pawelec interview was made public in 2010, nearly twenty years had passed. Yet, the Tonapah facility continued to be a mystery about which few people knew, and one cannot help but wonder about what might have transpired at the facility for the several decades that passed after Bill Pawelec had made first contact with the base.

Immediately following his overview of the Tonapah facility during the interview – an overview which raises many questions about who, actually, is running the American government and for what purposes – Pawelec switches to another issue with which he had been involved

that also carried implications for the issue of who controls the governmental process and how is that governmental process being leveraged against citizens. In 1979, while working in Denver, Colorado, he came across a company that was developing implantable chips – originally for horses involved in racing – that would provide a unique signature for any given horse (and, therefore, help to subvert attempts to rig certain aspects of a horse race).

At that time, the implantable chip for horses was quite small and could be inserted under the skin of a horse. The chips could be read by an external device anywhere within a seven foot radius of the animal being targeted, but the technology was still fairly primitive.

Pawelec points out that around the time that he came in contact with the implantable chip company, there had been considerable interest in developing chips to implant in human beings. The overt reason given for such a purpose was so that, if necessary, individuals could be located who had important roles to play within government or business, and, therefore, might be targeted for kidnapping.

He mentions a meeting that had been arranged by two friends of his (one of whom worked with the CIA and the other who was with the State Department) that was scheduled to take place in a secure room in Virginia where the idea of an implantable RFID chip was to be introduced for responsible uses. Pawelec considered the implantable chip technology to be a practical and inexpensive way to resolve what he felt was a potentially serious problem.

After the meeting took place, Pawelec learned from his two friends, that several of the attendees at the meeting had not been formally invited. Those uninvited interlopers had somehow had come to know about the meeting, its location, the identity of the participants, and its subject matter.

Subsequent investigation revealed that one of the two uninvited guests worked – at least, ostensibly -- for the Department of Treasury while the other individual supposedly worked for the Department of Agriculture. Yet, when information was sought concerning those two individuals from the foregoing government departments, no one knew who they were.

Suspicions concerning the two men – and that prompted a subsequent set of inquiries into the situation – were due to the manner in which the two individuals asked questions and the kinds of issues toward which their questions were being directed. According to Pawelec, there was a certain attitude being conveyed through their questions which was not consistent with the original purpose for which the meeting had been arranged, and, apparently, an overriding concern of the two aforementioned individuals had to do with how quickly several billion RFID chips could be produced and would each chip have a unique identity signature associated with it.

According to Pawelec, the chip in question was not only tiny but there had been a lot of potential for flexible uses which had been built into the chip's technology. Although one of its basic functions was to provide a unique signature that could be accessed from somewhere outside the chip, there were other kinds of capabilities which were present, such as the capacity to monitor: Blood pressure, temperature, pulse, as well as data concerning brain functioning.

Pawelec goes on to indicate that two decades after the foregoing meeting took place, he came across information about a woman who had a chip removed from her body in 1999. The chip taken from the woman's body was a slightly modified version of the chip which had been discussed during the aforementioned meeting in Virginia, and the woman from whom the chip was taken believes that although she does not re-call how the chip came to be implanted in her, she started feeling symptoms from its presence around 1980 or 1981 – that is, near to the time when the foregoing meeting with the two uninvited guests had taken place.

Someone – and neither Pawelec nor his two governmental friends knew who – had taken the technology and were actively using it for their own purposes. In 1984, Pawelec came across additional information concerning a professor at the University of New South Wales in Australia who had discovered how to make a microscopic, crystalline, lithium niobate chip that has come to be used successfully in the construction of, among other things, various kinds of optical modulators and piezoelectric sensors.

Quite by accident, the crystalline structure which the foregoing Australian professor had made was scratched. Because the professor

had the right sort of equipment in his lab, he discovered that when he used a certain frequency, he could direct energy toward the scratched, crystalline structure, and the chip would send back a number.

Eventually, Pawelec invited the professor to come to Denver, Colorado. Some of the primitive chips that the Australian had made were quite small (1/32<sup>nd</sup> of an inch long and very thin). They were tested in various ways, and the testing showed that when the chips were etched (an intentional form of scratching), a unique signature would become associated with the chip, and this dimension of the technology was calculated to be able to accommodate unique signatures for billions and billions of different chips.

Using just a primitive form of antenna, they were able to read the signature of the chip from a hundred feet away. The more sophisticated the tracking device, and the less generic its character, then, the further away one could be and still detect the presence of the chip.

For example, if one had a microscopic coil antenna attached to the chip, the chip could be read from a mile away. Pawelec indicates that the antenna is acting as amplifier which generates a harmonic that enables the chip to be read from a considerable distance.

Further calculations indicated that a certain kind of coil antenna system would enable the chip to be readable from a place in space over 75 miles distant. This was forty years ago, and with the advent of nanotechnology, the effective detection distance could be – and has been -- extended considerably.

Pawelec took the foregoing technology to another meeting that was to be held in Virginia as well. However, given his previous experience, he was much more careful this time with respect to the flow of information concerning the meeting and its participants.

The meeting took place at the offices of a sub-contractor that Pawelec knew well who had conducted a lot of work on behalf of various facets of the intelligence community. Pawelec also involved the head of security for all of State Department activities as well as his close friend from the CIA that had been involved in the previous meeting.

Despite the precautions which were taken to render their meeting secure, there were individuals who showed up at the meeting with impeccable, impressive credentials. Yet, none of the individuals for whom the meeting had been arranged or were providing security for the meeting knew who the uninvited guests were (and, apparently, in this regard, all phone calls concerning the meeting had been made through secure phone lines).

Notwithstanding the foregoing precautions, the two individuals who showed up unannounced at the last minute with all the right credentials knew when the meeting was being held, where it was being held, and what it was about. Perhaps, as amazing as the foregoing considerations are, what might be even more amazing is that the two individuals would go to the meeting knowing that subsequently they likely would be identified as having been “interlopers,” yet, apparently, they knew enough about the protocols concerning such meetings that they would be unlikely to be challenged and refused entry, and, so one wonders why they were attending the meetings at all.

The two individuals already had a considerable level of technical expertise. One wonders if they were after technical information that they didn’t have or if, perhaps, they might have been tweaking the nose of the other participants by providing evidence that the two individuals had access to technology which was beyond the understanding of any of the other people who attended the meeting.

Bill Pawelec specified in the interview that the identifying credentials carried by the two individuals were capable of satisfying every sort of access-control identification protocol one might apply. This included biometric data.

The individuals displayed credentials indicating that they were employed by the NSA or a similar top-level intelligence operation. Yet, when those government agencies were queried about the two interlopers, such individuals were unknown even though their credentials had been unimpeachable.

Pawelec later found out that the Australian professor who had invented the chip received an incredibly large grant not too long after the aforementioned meeting took place, and, as a result, the man never

would have to work again in his life. Subsequently, the professor's technology was transferred to unknown individuals.

Later on, Pawelec had a conversation with a friend of his who was involved with providing advanced systems for various aspects of national security. The two talked about the aforementioned chip incident, and the friend indicated that he had been involved with installing a very high-tech security system for a little company in the Silicon Valley that was making several billion chips which were very much like the sort of chip which the meeting in Virginia had been convened to explore, but his friend indicated that once the former chips had been made, the people who were making them shut the factory down.

The company in Silicon Valley which had made the chips was discovered to constitute a division of a relatively large European electronics firm - namely, Siemens. The individual who had been the head of security at the State Department and who had helped provide security for the second meeting in Virginia later took a post in Kenya, but that person continued to pursue trying to find out who was behind hacking into the second meeting in Virginia.

Eventually, he uncovered some important information and a meeting had been arranged with Pawelec and his CIA friend to discuss the new information. However, while driving to an embassy, the former State Department head of security was broadsided by a reinforced land rover and instantly killed.

The individual who was driving the land rover -- and who, reportedly, had been in a drunken condition at the time of the accident -- was taken into custody. Yet, the next morning, that person had disappeared, and all of the documents which the individual had given to the authorities were discovered to have been forged or falsified in one way or another.

Pawelec indicates that he has worked with corporate security people at the highest levels in all the major computer companies as well as with other major players in the corporate world. Whoever was behind the people who showed up at the previously mentioned meetings and were provided with credentials, were being backed by people who had a level of proficiency far beyond anything Pawelec had seen in the corporate world.

The one possible exception which Pawelec voiced with respect to his assessment of the corporate world expertise had to do with the aerospace industry, especially in conjunction with some companies in California and Colorado. There were people in those companies who he came across that, over time, inadvertently gave off certain indications that suggested they might know more than they were letting on, and some of those individuals were involved in security projects involving scalar technology and cutting-edge research involving optical dynamics that, according to Pawelec were beyond black, and he further added that he had enough experience to know the difference.

He was of the opinion that the people who – uninvited -- had attended the previously noted meetings were not in the loop of the normal chain of government or military command. He indicated that they acted like bureaucrats, but they were expressing agendas and knowledge that were apolitical and quite technically oriented ... not the sort of government individuals with whom Pawelec had worked for quite a few years.

The Virginia meetings which sought to focus on RFID technology took place in 1979 and the mid 1980s. That is 45 years ago, and sensor technology has advanced significantly since that time.

RFID technology – whether primitive or sophisticated – is used to identify things and to keep track of their whereabouts. Janet Phelan, an investigative reporter, wrote a book entitled *Exile* which covers many topics including: (a) The corruption and abuse which exists in many conservatorship arrangements in certain states; (b) the existence of dual water systems (can regulate the flow of both water and chemical agents) that are present in various cities in the United States ... systems which seem like black operations of some kind and which government officials that she contracted refuse to discuss; (c) chemical and biological warfare, and, (d) how she became a targeted individual and, apparently could be located by her protagonists anywhere she went irrespective of what steps she might have taken to hide her movements and whereabouts.

The events which Janet Phelan relates start around 2000. So, her life begins to unravel in many ways somewhere around the time that Bill Pawelec gave his interview, and there is a strong indication that

tracking technology of one kind or another was being used to target Janet Phelan, but one has to read her account to begin to appreciate just how pervasive the presence of surveillance seemed to be in her life.

In 2016, Dr. Hildegard Staninger published *Global Brain Chip and Mesogens: Nano Machines for Ultimate Control of False Memories*, as a book. However previously, the book had been published in January 2012 as a scientific presentation.

The focus of the scientific presentation and her book revolved about an investigation into a benign meningioma. Eventually, in November 2011, the meningioma was identified as a brain chip.

Dr. Staninger describes mesogens as being liquid crystals that can be given smart functions of one kind or another. They are a form of nanotechnology which, among other possibilities, can be used as bio-sensors.

Liquid crystals give expression to properties that exhibit both anchoring sorts of structure as well as liquid flow. Among other things, this means that such crystals can have a flexibility to them that does not tend to be present in solid crystals.

The brain chip, or mesogen, that was uncovered in November of 2012 was an advanced form of brain-computer interface. Dr Staninger also mentions three other cases of mesogens in her scientific publication and book which -- within a week of one another -- were removed from the nasal passages of individuals in Saudi Arabia and the United States.

The payloads that can be placed in mesogens tend to be non-reactive until they are induced into becoming active through the reception of some manner of signal. When properly constructed, mesogens have the capacity to act as spyware or to help bring about voices in one's head, as well as to serve as nodes in a collective hive mind.

Mesogens can perform the activities of: A sensor, a transducer (convert one kind of energy into another), or an actuator (generate mobility or other kinds of dynamics). What functions will be expressed through any given mesogen will depend on the sorts of smart functions it is given prior to being placed in a human being.

The liquid crystals which constitute mesogens can assume various states. These are known as mesophases, and they enable the liquid crystal to exhibit different kinds of ordering dynamics (molecular, positional, and relational) which can be leveraged through the smart functions that are developed in a given mesogen and which make the mesogen responsive to different kinds of environmental conditions (e.g., such as temperature).

Liquid crystals exhibit the property of anisotropy (that is, they can assume different values depending on the direction in which they are measured). This property enables dendritic patterns to emerge (i.e., the liquid crystal can be induced to grow and branch like a tree).

Even in 2012, press releases indicated that nanowires (as well as other nano structures which could assume a great many shapes) were being used in brain chips. Such complexes can interface with computers by means of, among other things, the piezoelectrical materials from which such complexes are constructed.

Dr. Staninger indicates in her presentation that brain chips have been built which have cognitive functions. Such chips can be used to read the thoughts of another human being or to transfer thoughts to another individual (and remember that the scientific presentation and book which describe such chips came out around 2012).

More than a decade ago, nanotechnology was engaged in constructing nanostructures that can be used as Lego-like modules that form complex, functional nano-tools such as mesogens. These structures could be made from a variety of chemicals ranging from: Silica, to: Acetone, toluene, and polyurethane.

Depending on the materials used in the construction of such nano entities, those structures will respond differently to pH, frequency, temperature, and the amount of oxygen that is present. Response to frequency becomes very important in such structures, because frequency can induce changes in the morphology of a nanostructure or induce the structure to release certain kinds of electrical impulses.

The term used in nanotechnology to describe the modular constructs mentioned above is “nematic” that refers to the way in which such nanostructures tend to rise up like office or apartment

buildings. Such nematic structures can be made of materials which are reactive to the presence of certain kinds of conditions and molecules.

Dr. Staninger indicates in her 2012 scientific presentation that in June of 2010, nematic mesogens were removed from the nasal bulb of three different individuals. Two of those individuals were from the United States (New York City and Los Angeles), while the other individual was located in Saudi Arabia.

All three nematic mesogens were made from the same materials. In addition, the presence of super glue in the form of hooks and claws were detected in all three structures.

In July of 2011, Integrative Health Systems began to undertake a complete toxicology and biological workup on a 57-year old Chinese woman who had been referred to the company. She was a professional educator and musician.

When interviewed, the woman indicated that, at some point in the past, the presence of a directed form of energy had been detected in her home. In addition, she also described an incident that had taken place several years earlier while she had been talking on the phone when she felt a sense of something piercing and burning that had entered her left ear canal (i.e., the ear that was not covered while she was engaged in a conversation on the phone).

A couple weeks after the foregoing incident, she began to feel a pain that emanated from a source somewhere in the left lobe of her brain. Subsequently, she was tested – once in 2010 and again in 2011 – and on both occasions, the evidence indicated that there was 9 millimeter-sized meningioma that was present in the left lobe of her brain.

Through a surgical procedure that was carried out by the Director of Surgery at UCLA, a specimen was recovered from the woman's left lobe. It could not be cut with a scalpel, and, eventually, a diamond cutter was successfully used on the specimen, which turned out to be a spherical mesogen nanostructure.

A number of analyses were conducted on the specimen. One of the materials found in the specimen consisted of hydroxyapatite.

Hydroxyapatite is a synthetic material which has the capacity to react selectively to a given environment and in the process be able to

transfer data elsewhere. Such synthetic materials can be imprinted with the morphologies of biogenic materials and become biomimetic (that is, such structures are able to function like biologically produced materials).

Oftentimes there are DNA tags or sensors made from polyurethane that are associated with the foregoing complexes. Such structures can serve as biosensors that are capable of, among other things, monitoring DNA.

The structure that was removed from the aforementioned Chinese individual was entirely a synthetic material. It formed a nematic mesogen with reactive properties that was encased within a calcium hydroxyapatite nano-jacket.

Such structures are used to monitor and respond to biological activities in the central nervous system and elsewhere in the body. Further investigation indicated that the structure had been made in the United States.

The foregoing structures can assume the form of photonic crystals. Such structures can be induced to be responsive to the presence of terahertz frequencies.

According to Dr. Staninger, the foregoing sorts of nematic mesogens can be dispersed through the air. This could be in the form of smart dust which, depending on the materials present in the smart dust, will respond to different frequencies that will induce certain kinds of dynamics that reflect how the mesogen has been designed to function, and part of this functionality is the capacity of the mesogen to become integrated into biological activities and modulate those activities according to the nature of the mesogen's design protocols.

When the woman was on the phone, the pain that she felt in her left ear – namely, a needle-like burning sensation – is, according to Dr. Staninger, quite consistent with what individuals who have been exposed to advanced nano materials might feel on the surface of their skins at the place of exposure. The mesogen could have been delivered from outside the woman's house and would have been able to penetrate a window on its way to the woman's ear.

The mesogen could have been delivered in any of three ways. It might have been delivered through: A sound-based, or a microwave-based, or a laser-based delivery system.

In just under two decades, incredible progress had been made. In the 1980s we had the RFID chips with which Bill Pawelec was involved, and in 2012, there were mesogen liquid crystals with smart functions which could be delivered into people's brain via the ear canal and which, subsequently, could become integrated with the woman's normal biological functioning.

Was the mesogen in the left lobe of the Chinese woman a malfunctioning brain chip? What about the three other individuals that were mentioned in the publications by Dr. Staninger?

Did the mesogen implants in the foregoing four individuals constitute instances in which, for unknown reasons, such technology did not work properly, and, as a result, generated symptoms that led to their discovery? Every technology has its user-interface problem, and, consequently, if those four individuals were just part of a group in which the technology did not become seamlessly integrated in those individuals, then, how many people were there in which such technology might have become successfully embedded and involved in monitoring or modifying the biological functioning of people in various ways?

When Bill Pawelec was interviewed in 2000-2001, he was asked a question which touches upon the foregoing question. More specifically, he was asked what he believed happened to the RFID chips that had been manufactured by the small company in Silicon Valley which he had mentioned, and he indicated that he had come across certain information which provided an indication that at least some of those chips might have become implanted in various military personnel.

In June 2013, a TED (Technology, Entertainment and Design) presentation was given in Boston, Massachusetts by two young neuroscientists: Xu Liu and Steve Ramirez. Their talk was based on several articles which had appeared in the journals: *Science* and *Nature*.

The *Science* article was entitled: "Creating a False Memory in the Hippocampus." The research published through *Nature* was entitled:

“Optogenetic stimulation of a hippocampal engram activates fear memory recall.”

The aforementioned TED talk and the foregoing two articles were only a temporal stone’s throw away from the 2012 scientific publication of Dr. Staninger involving mesogens. Although the *Nature* and *Science* research as well as the 2013 TED talk indicated that activities in the hippocampal regions of mice were, at that time, being modulated by implanted circuits, nonetheless, in the last ten-plus years discoveries have been made which enable optogenetic technology to interact with the brains and biology of living organisms without the intermediary of implants by exposing those systems to certain frequencies of light,

Aman Jabbi spent nearly 30 years of his life working in Silicon Valley. In the summer of 2020, he moved to Northwest Montana and became an independent researcher.

His professional background is in electrical engineering and computer science. Although he has been engaged in developing various kinds of software and hardware systems, his primary focus has revolved about camera and video technology.

During his career, he has interacted with all of the major cell phone companies. In addition, he has helped develop technology for autonomous driving vehicles.

Due to his expertise in electrical engineering, cameras and videos, he has a deep understanding of the surveillance infrastructures which have been put up around the world, including the United States and China. Part of the foregoing understanding has to do with issues involving facial recognition.

The potential of facial recognition has been promoted as being a way: To enhance one’s security and safety, or to make life more convenient, or to assist authorities in protecting the public, nonetheless, facial recognition is also easily adaptable to systems of control. For instance, social credit systems can be tethered to that kind of technology.

The same technology that can capture criminals can also be used to hunt down individuals who have done nothing except, for example, exercise first amendment rights in a way that the people in control

consider to be an obstacle of some kind to their ability to continue to be in control. The same technology that can be used to make sure that only you have access to certain accounts to which you are entitled can also be used to ensure that you cannot have access to certain accounts to which you might be entitled.

As with most aspects that are related to the process of biodigital convergence, only the positive possibilities associated with such technologies tend to be discussed. This is part of a dual-use strategy in which the constructive dimension of a technology can be used to hide the destructive and injurious dimensions of that same technology so that whenever questions begin to be asked concerning the potential, dark underbelly of a given technology, the conversation can be re-directed back toward the potential upside of things.

Dual-use technology is often promoted in one way – a way that is described in terms that seem to be inviting and of value – but, unfortunately, are often used in another way – a way that is authoritarian, abusive, and injurious, if not lethal. Governments, the military, corporations, educational institutions, and the media love dual-use technology because it makes gaslighting the public easier to do since such dual-use technology constitutes a way to establish plausible deniability concerning events.

Tracking someone's carbon footprint seems like a constructive thing to do. However, if human-generated carbon dioxide can be shown to have little, or no, impact on the dynamics of global warming – and showing this is, actually, quite easy to do – then, one begins to realize that tracking people's so-called carbon footprint has nothing to do with protecting the planet and everything do with advancing an economic system in which certain individuals are enabled to exploit the world's resources in a manner that benefits them and disadvantages the vast majority of human beings, and as a result tracking people's carbon footprint is a way to illegitimately try to control the kinds of choices that people who are being surveilled will be able to make.

Western pundits and politicians like to boast about how the people in China have no privacy and are not free. Yet, the same technologies that have been installed in China -- and have fostered an authoritarian social credit system which unnecessarily controls many

aspects of the lives of China's citizens -- are also being installed in many Western countries.

The whole issue of various financial institutions keeping track of people's alleged carbon footprint (according to someone's arbitrary way of scoring such issues) or placing limits on how much, when, and where people spend their money are examples of this same kind of social credit system being established in the West. Financial institutions are becoming an increasingly influential part of the social credit system which is being established in the West.

The growing pressure to switch over to a digital currency is intended to further the control which such companies and the governments they work with wish to exercise over people. Once money becomes a digital commodity, then, one's whole life is lived under the shadow of an on-going threat that some anonymous individual will be able to turn off the digital spigots that are necessary to finance one's life if one acts in a way to which authorities object.

The general impression of people in the West is that China is one of the most, if not the most, surveilled group of individuals that exists in the world. Ironically, there are more cameras per capita in America than there are in China, and most, if not all, of those cameras are – at some point – connected to AI systems, often via the Internet.

Westerners might believe that they enjoy the most privacy and freedom of anyone in the world. However, this is not necessarily the case.

The people of the West are, and have been, heavily propagandized about many issues which are packaged in the guise of education but which often have all of the qualities of indoctrination. These issues include matters concerning privacy and freedom.

By 2025, several trillion dollars will have been spent on developing and installing a camera infrastructure that will help underwrite an increased surveillance of people in America. This enhanced infrastructure is not about safety, security or convenience, but, rather, it is about the complete abandonment of privacy on behalf of the interests of authoritarian control.

Smart-meters – which are a part of the move toward building the foregoing sorts of infrastructure that constitute so-called “smart cities”

-- are not necessarily about enhancing the quality of our lives. Instead, smart-meter technology tends to be about collecting and analyzing data on virtually everything that goes on in someone's place of residence and, as such, can be used to adversely affect someone's social credit score according to arbitrary standards which are set by people in power.

Moreover, smart meters have been shown (e.g., see Josh del Sol's documentary, *Take Back Your Power*) to be hazardous in several respects. On the one hand, they have been demonstrated to be a potential fire hazard, and, on the other hand, due to the pulsed forms of electricity which they tend to generate, smart meters also have been associated with deterioration in the health of many people who are exposed to the operational dynamics of that technology.

According to Aman Jabbi, when many parts of the world were entangled in the lockdowns of COVID-19, surveillance cameras were being installed. When the lock down was brought to a close, there were approximately one billion more surveillance cameras which had been installed and were operational than was the case prior to the lockdown.

He estimates that by the end of 2022 there were more than 20 billion data collection cameras, of one kind or another, that were operating in the world. Data collection is not just about safety or security, but, rather, it is about logging and analyzing everything that people do in their lives.

Indeed, data collection involves an extremely rigorous form of surveillance. Such data collection is inherent in the notion of biodigital convergence because everything biological is converted into a data point that can be leveraged in a multiplicity of ways by whoever has access to that data in order to induce compliance in the behavior of people with respect to whatever agenda is being pushed by those who are collecting, analyzing, and evaluating such data.

Increasingly, computers, apps, browsers, search engines, social media, and mobile phones all have one or more AI systems built into them or associated with them. Such systems are continuously collecting and analyzing data of the people using those forms of digital technology, and there is no air gap around any of the foregoing forms of technology which prevents that data from being shared with other

computers, AI systems and/or data collection agencies, including the government.

Biodigital convergence means that biology and digital technology are becoming fused in a variety of ways. Data collection is being used to manipulate, modulate, influence, and determine the character of such convergence.

The intent is to make biology completely a function of the digital. And, since, increasingly, surveillance is being conducted through AI, the forces which will be shaping and determining the character of the biological will reflect the inclinations and priorities that are present in AI systems.

Aman Jabbi refers to the foregoing set of arrangements as constituting a digital panopticon. The notion of a panopticon dates back to drawings released by Jeremy Bentham in 1791 in which a central surveillance post was surrounded by prison cells, and individuals working in the central post had the capacity to see into every aspect of the lives of whoever occupied the cells surrounding the panopticon.

A digital panopticon is not restricted to what can be seen with an eye or a camera. A digital panopticon uses data to see into the internal and external lives of those who are under surveillance, and, therefore, data can probe beneath the existential surfaces to which purely visual forms of surveillance are limited.

Physiological data can reveal a great deal about what is going on in a person's existence. The testing and treatment protocols employed during COVID-19 were used to release a great many different kinds of biosensors into the environment.

Biosensors are in the air, in the food, in the water, in medicines, and in manufactured goods. Biosensors provide a multiplicity of ways to uniquely identify and monitor those with whom such sensors have become attached.

That which has been provided with a unique digital signal becomes a node in a network. The data collected through the nodes of that network provide ways for both the nodes ("digital twins") as well as the network to be modulated or controlled, and, increasingly, the source of such modulation or control is a function of AI systems.

The dynamics of modulation and control can be: Medical, political, social, economic, financial, psychological, emotional, physical, religious, and/or educational. The digital panopticon doesn't just see from the outside in, but, as well, sees from the inside out.

Although RFID (Bill Pawelec) and mesogen chips (Dr. Staninger) have been used to introduce pathways of surveillance and data collection into the lives of people, nonetheless, the technological advancements which have been made in the last 15 years have opened up many other possibilities for establishing various forms of biodigital convergence. Those advancements extend from: Various forms of nanotechnology (mesogens are but one kind of nanotechnology, and smart dust is another), to: The introduction of metamaterials (such as graphene oxide along with more modern and exotic forms of 6-G, or higher G, engineering); the development of mRNA technology (which is a synthetic or artificial form of exosome and endosome dynamics); optogenetics, and synthetic biology.

Technological refinements concerning data collection have reached the point where substances no longer have to be introduced into people from without. Each person's DNA gives expression to a unique frequency signature, and once known, that signature can be used as a honing device toward which to direct whatever kinds of modulating frequencies or vector dynamics are selected by a given panopticon operator -- whether that operator is a human being or an autonomous AI system.

We are not just becoming increasingly ensconced in the Internet of bodies, or the Internet of Things, or the Internet of Medical Things, or the Internet of Bio-Nano Things and so on. We are increasingly being tethered to a Panopticon of Digital Transformation, and becoming incorporated into a hive or Borg mind is just one potential of such a system.

Augmentation -- which is a dual-use technology -- is promoted as a process of enhancement which will assist individuals to be able to engage life in faster, better, smarter, stronger, and more competitive ways. Yet, as a dual-use technology, augmentation is also an inherent feature of the Panopticon system because through augmentation individuals can be modulated and controlled in ever more exacting

ways and, yet, not be any the wiser as to how they are being imprisoned and used by the Panopticon system.

The most insidious form of imprisonment is when the shackles which bind one are invisible to one's gaze, awareness, or understanding. The Panopticon of Digital Transformation is such a form of imprisonment because: Wherever one goes; whatever one does; whatever one thinks, whatever one feels, whatever one creates will all be shaped, modulated, and controlled by an array of digital shackles about which one is unaware and which human beings will have been induced to understand as being implements of glorious freedom rather than being forms of authoritarian abuse.

The term "transhumanism" is actually a euphemism for what is being implemented. That term alludes to the possibility of being able to go beyond or transcend the human condition and, therefore, that possibility is being hyped as constituting a positive, constructive, empowering, progressive possibility, and, yet, as a dual-use term of technology, the notion of transhumanism is merely a tactical way of providing plausible deniability that transhumanism is actually nothing more than an enticing, intriguing disguise which is being used to groom people to become full-fledged acolytes of the Panopticon of Digital Transformation ... like all addictions, in the beginning, the technological addiction seems to be the solution to all one's problems until one realizes – if one is sufficiently fortunate to reach such a point – that the addiction merely has encased one's difficulties within an even more intransigent set of additional difficulties.

Approximately 3-4 years ago, Aman Jabbi began to note LED lights which had been, and were being, installed in, San Francisco. Low pressure, sodium-halogen lights were being replaced by very bright LED lights.

These latter lights are being installed in areas of denser population every 30 yards, or so, apart from one another. These new installations are referred to as "smart lights" and "smart poles."

These complexes wirelessly communicate with one another and are linked to underground fiber optic cables. In turn, the lights and fiber optic cables are connected with additional nodes of a more complex network of data collecting and analyzing technologies, many of which are operated by, or used in conjunction with, AI systems.

The foregoing lights and poles can be equipped with any number of biosensors. They also can be weaponized, and, when weaponized, they can form part of an offensive system that can be used to control or eliminate the individuals whose digital data is being collected through -- along with other pathways of data collection -- the aforementioned smart lights and smart poles.

Among the sensors which can be installed on the foregoing smart poles are noise sensors. The ostensible reason for the presence of such sensors is to assist in the control of noise pollution, but, given the dual-use nature of such technology, those sensors also can be used as listening posts for any signs of threat to the continued operation of such 'smart' systems.

In addition, smart poles can be equipped with public address systems that can dispense whatever directives are deemed necessary under a given set of circumstances. That which is communicating these directives is not necessarily a human being.

Furthermore, according to Aman Jabbi, these smart poles have a capacity to accommodate drones. This capacity can be in the form of providing, one, or more, charging station for drones, as well as in the form of providing a perching place from which such drones can be launched to regulate activities (such as crowd control or unwanted "disturbances" of any kind) either near to the poles or at distances somewhat removed from those poles.

In effect, the poles will establish a geofence that will monitor and regulate -- with force if necessary -- whatever activities are taking place within the perimeter that has been established by the poles. Police will not be needed because everything will be handled autonomously and anonymously.

The frequencies which emanate through the blue LED lights affixed to the 'smart' poles are extremely harmful to people's eyes, and, therefore, by design, have the capacity to induce people to look downward, away from the lights, in a rather submissive posture. In addition, the poles can be equipped to emit any number of frequencies which are able to control, injure or terminate people.

For instance, the smart poles can be equipped with what is colloquially referred to as a “puke ray.” When turned on, it incapacitates people who are exposed to it.

The “ray gun” works by emitting very high frequencies of light which are replaced by one another very quickly. The human body does not adapt well to such high frequencies and rapid frequency changes.

The foregoing sort of frequency weaponization process is part of the dynamics of biodigital convergence. This is because such technology has the potential to be used to condition and induce human beings to become subject to and, therefore, converge with the digital realm.

The aforementioned poles and LED lights are fancy herding tools intended to help the Panopticon system of government to move human beings toward biodigital convergence. Other herding tools are: wi-fi; 5-G microwaves (which began as a crowd-control technology); 6-G metamaterials (such as graphene); biosensors; mRNA treatments; beam steering (the re-direction of frequencies); behavioral recognition radar; bioinformatics (the gathering and use of data for purposes of modulating and controlling biology); CubeSat technology (Satellites that consist of sides measuring 10 by 10 inches and which can contain any number of possible payloads); D.A.R.P.A. (Defense Advanced Research Projects Agency); DNA Steganography (a way to brand biological organisms via their DNA); precision medicine (medicine geared toward leveraging the uniqueness of a given individual’s biology); synthetic biology (the creation of artificial and arbitrary systems of biology); the CDC; the FDA; the FBI; the CIA; the FCC; the military; the Federal Reserve Bank; Blockchain technology; Executive Orders; the Supreme Court; Congress; hydrogels; the IEEE, (Institute of Electrical and Electronics Engineers); informatics (the computational manipulation of data); microfluidics (the manipulation of the flow of fluids on a micro level); Network Central Warfare (Using networks of, among other things, data to wage war against human beings through manipulating the way information is used and abused); pervasive computing (the use of a litany of biosensors and microprocessors to provide data that can be subject to computational processes that can lead to control and modulation); plasmonics (the manipulation of nano-complex – called a plasmon or a quantum of plasma oscillation);

biophotonic (a form of engineering which seeks to regulate the flow of photons in biological systems); telemetry (the automated collection of data); tissue engineering (an off-shoot of the arbitrary and artificial techniques of synthetic biology; terahertz radiation (frequencies which fall in between infrared and microwave radiation and can be used, for among other things, targeted drug delivery as well as painful, if not lethal, reminders of their presence); WBAN (Wireless Body Area Network – involves a continuous collection of data concerning what is happening in a given biological context).

All of the foregoing items are ensconced in dual-use forms of technology. As indicated previously, this means that such technologies can be promoted as giving expression (in one, or more, ways) to constructive, protective, healing and/or beneficial uses while also having the capacity to herd people, in one or more ways, along a path toward biodigital convergence.

One of the main goals of biodigital convergence is to erase all considerations that there is something more deeply hidden than the technological cul-de-sac to which biodigital convergence is herding people. When one can provide substantial evidence – as the two volumes of *Something More Deeply Hidden* hopefully have done -- that there is something which is more deeply hidden than what is being passed off as the truth of things and, therefore, warrants investigation in a rigorous fashion, then, this state of affairs tends to place cautionary – if not hazardous -- brackets around anything which claims that there is nothing more deeply hidden.

All of the events of the past 85 years – and, very likely, for a much longer period of time -- have been for purposes of herding or corralling human beings toward a certain point in history – a terminal point of biodigital convergence. Historical events are like the sheep dogs which nip at the heels of, and bark at, sheep in order to move the latter animals toward a final destination point, and the dogs that are being used to move the herd don't have to understand the ultimate purpose of the herding process in order to be effective at their jobs or assignments.

As indicated at the beginning of this chapter, those who are designing, constructing, and operating the project -- which later on in the chapter was described as being the Panopticon of Digital

Transformation -- might be very skilled at knowing how to arbitrarily and artificially: Disrupt, hack, target, undermine, sicken, divert, alter, modify, modulate, terminate, re-purpose, leverage, corrupt, and abuse biological systems, nevertheless, they are completely ignorant of – if not in denial of – the many aspects of existence which are more deeply hidden and that fall beyond – oftentimes considerably so -- the horizons of their various theories. It is devotion to such ignorance, if not entanglement in various traumas which has led to deep denial concerning such matters, that induces them to suppress all evidence which points in the direction of that which is more deeply hidden because such evidence indicates that virtually everything in which they are engaged are authoritarian acts of censorship, abuse, and oppression.

Exercising and developing integrity with respect to the search for something more deeply hidden might well have greater value than whether, or not, one succeeds or fails to come to realize various truths concerning the answers for which one is searching. Success might be enjoyable to experience and failure might be hard to take, but without integrity, neither success nor failure is likely to be survived.

Integrity can neither be exercised nor developed as long as one tries to prevent people from having access to the sort of sovereignty that is needed to be able to freely seek for ways to understand, and gain insight into, that which is more deeply hidden. Wars, terrorism, education, elections, politics, the media, government, entertainment, and so on, can all be used as herding tools intended to divert people away from pursuing something that is more deeply hidden and more essential to life.

Those who are interested in, and drawn toward, that which is more deeply hidden must become like gyroscopes. In other words, no matter what destabilizing forces are introduced into the conditions of their lives, the foregoing sorts of individuals must always try to regain a conceptual, emotional, psychological, physical and spiritually stable form of dynamic re-orientation vis-à-vis life in order to provide oneself as best one can with respect to on-going opportunities to discover more about that which is deeply hidden.

However, the choices we make to re-orient ourselves are often fraught with danger. Moreover, some of those choices only serve to destabilize us even more.

So, one must choose wisely, but this is frequently easier said than done. Not every passageway into the unknown leads to something that is more deeply hidden but which is, simultaneously, beneficial to human existence.

Some rabbit holes are far more heuristically valuable than various other kinds of archeological digs which might, on the surface, seem intriguing but end up wasting one's time and resources. I am deeply grateful to Sabrina Dawn Wallace for pointing in the direction of something more deeply hidden that, upon investigating, has been of considerable value to me ... and many others.



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