

# THE HOLOGRAPHIC UNIVERSE AND THE UFO PHENOMENON. © By DR. JOE LEWELS, PhD.,

A MUFON Assistant State Director,

[We take this opportunity to welcome Mr. Dwight Connelly as the new Editor of MUFON UFO JOURNAL, in succession to Mr. Dennis Stacy, and we look forward, with him, to a continuation of the amicable working relationship which FSR has always maintained with MUFON.

In Mr. Connelly's first issue, MUFON UFO JOURNAL No. 356 (December 1997) the lead story, by Dr. Joe Lewels, was this fascinating essay on the possibility that our Universe is holographic. Being a mere "arts type" and totally ungrounded in science, I make no claim to *understanding* this extraordinary article which, as Mr. Connelly himself says in his accompanying commentary "I had to read more than once before I began to even partially grasp the material."

I find this bold exposition by Dr. Lewels all the more dramatic as he does not shrink from linking the holographic Universe idea with everything else that today is still so very much a taboo area for the orthodox scientist — namely the "esoteric" the "occult", the "parapsychological", the "paranormal", the "spiritual" the "mystic". As Dr. Lewels indicates all of this could be comprised within a holographic Universe and could come to be regarded as a normal part of everyday science. Everything would be "natural". There would be no need for the rather absurd term, "supernatural".

Dr. J. Allen Hynek, whom I knew extremely well, was, I discovered in fact, no stranger to all those weird and "way-out" ideas. As he admitted to me, he was of course mighty careful not to discuss them with fellow-scientists or to reveal the extent of his knowledge and his interest in such fields. But in several private discussions with me Allen Hynek found no difficulty in considering such things as "astral" and "etheric" planes, "astral

travel", etc, and he made no secret of the belief, which he shared with me, that many of our so-called alien visitors might well be from other dimensions that are "right here", or be practitioners of "astral-travel", or time-travel", etc.

(For confirmation of my statement that Allen Hynek had these private views, see now Philip J. Imbrogno's new book *Contact of the Fifth Kind: The Silent Invasion Has Begun* (Llewellyn Publications, 1997). As many leaders will recall, Philip Imbrogno worked closely in UFO research with Dr. Hynek, and with him co-authored the book on the gigantic "boomerang" craft over the Hudson Valley. [*Night Siege: The Hudson Valley UFO Sightings*. (Ballantine Books, 1987)] What Imbrogno tells us in his new book totally suggests and confirms what I have always said about Hynek's very broad and comprehensive mind, which was capable of taking in and examining the ideas that other folk considered "crazy".

As Hynek said to me, more than once, apropos of our optimistic "Space programme" and the "Space Age" (and don't forget that he was a qualified astronomer, and Director of the Dearborn Observatory at North-Western University, Evanston, Illinois) "**What mankind needs is not so much exploration of Outer Space but also exploration of "Inner Space", and until we have made a lot of progress in the latter, I suspect that we aren't going to get very far.**" (Not an actual quotation, but the *substance* of his words to me.)

Dr. Joe Lewels, whose Ph.D is in Communications and Journalism, lives in El Paso, Texas, and is the MUFON Assistant State Director for West Texas and South New Mexico. We are greatly indebted to him and to MUFON JOURNAL Editor Dwight Connelly, for their express permission to reprint this most interesting article. - EDITOR]

## THE HOLOGRAPHIC UNIVERSE AND THE UFO PHENOMENON

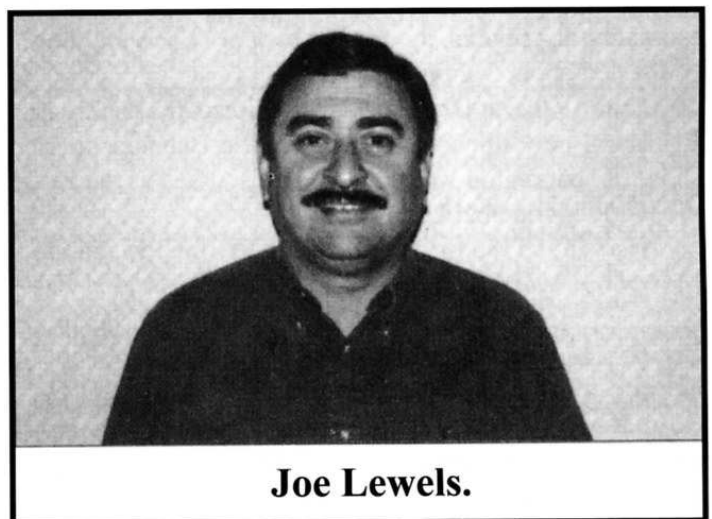
© By Dr. Joe Lewels, PhD.

Michael Talbot, in his fascinating book, *The Holographic Universe*, suggests that the entire universe and everything we perceive in our world may only be the reflection of ghostly images, holographic projections, from a reality so beyond our own that time and space do not exist there.

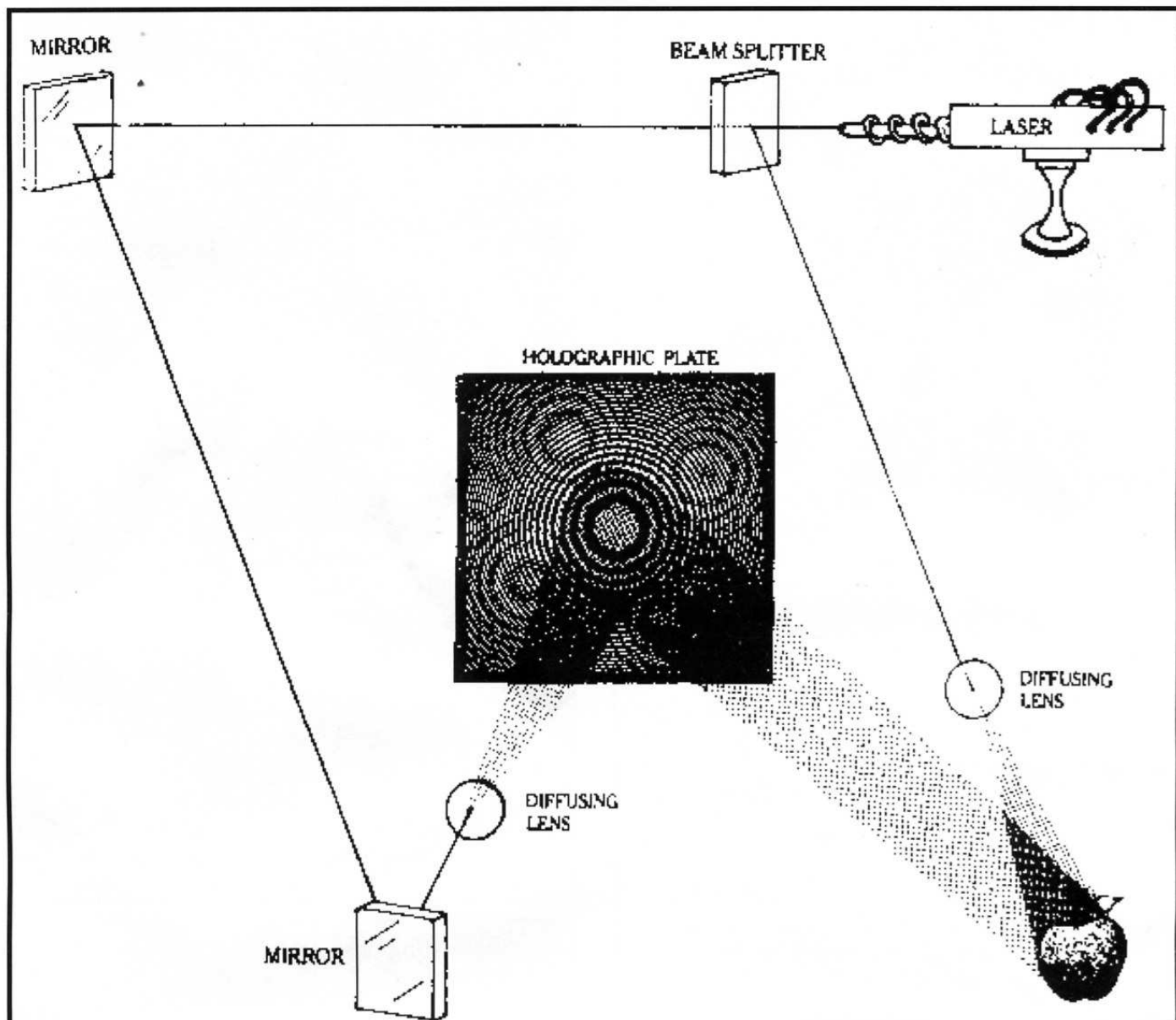
The implications of this concept, he believes, are so astounding that they provide a basis for resolving many of the mysteries of science, including those previously considered to be paranormal or mystical.

Such statements would surely be met with ridicule were it not for the fact that they accurately represent the conclusions of some of the world's most respected scientists from fields as diverse as physics, neurophysiology, medicine and psychiatry.

In fact, the holographic model is gaining acceptance



**Joe Lewels.**



**HOW HOLOGRAPHY WORKS.**  
 ( Illustration from Michael Talbot's book. )

A hologram is produced when a single laser light is split into two separate beams. The first beam is bounced off the object to be photographed, in this case an apple. Then the second beam is allowed to collide with the reflected light of the first, and the resulting interference pattern is recorded on film.

in nearly every area of scientific inquiry and it may eventually lead the scientific community to embrace ufology as a legitimate science.

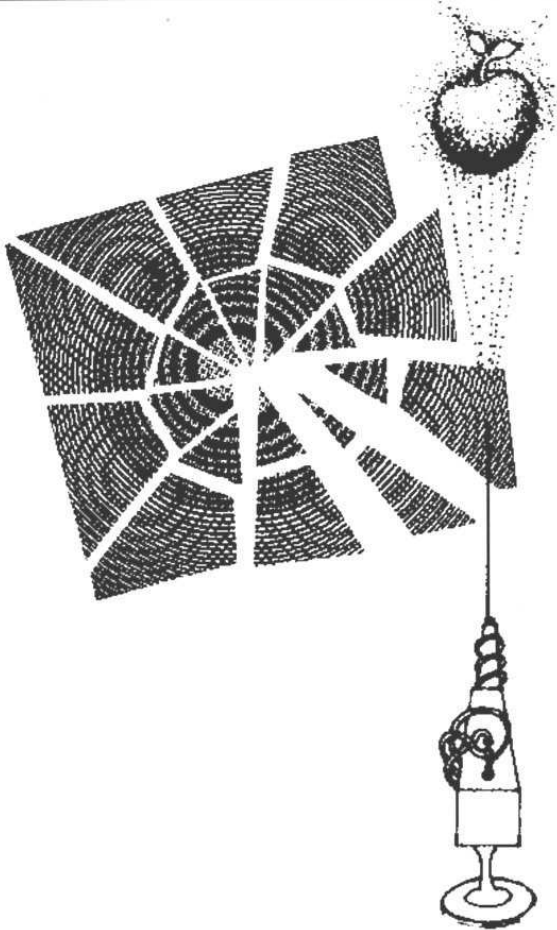
To understand and accept the holographic model, one first needs to understand the holographic image and what that amazing discovery implies. The first, totally three-dimensional image ever created popped out into thin air, like a spectre, before the startled eyes of Hungarian-born engineer Dennis Gabor, who first stumbled upon the phenomenon.

By splitting a laser beam and directing half of it toward an object to be photographed and the other half toward a series of mirrors and diffusing lenses, he produced the first holographic image. But the image on the film only looked like wave patterns and concentric circles. He found that only by directing a

laser at the film, would a three-dimensional image of the object mysteriously appear, ghostlike, on the other side. Gabor was awarded the Nobel Prize for his discovery in 1971.

But if that weren't bizarre enough, he found that when the film was cut into small pieces, every piece had the same capability to reproduce the entire object. Although not understood at the time, that principle came to be known as "Non-Locality". That is, the information needed to produce the image was not located in any particular part of the film. It was in every part of the photographic plate at the same time. Ever since, scientists began finding non-locality everywhere..

First, in quantum physics, it was discovered as a property of sub-atomic particles, known as quanta.



Unlike normal photographs, every portion of a piece of holographic film contains all the information of the whole. Thus if a holographic plate is broken into fragments, each piece can still be used to reconstruct the entire image.

( Illustration from Michael Talbot's book. )

**These protons, neutrons, and electrons that comprise the basic building blocks of all matter in the universe were found to disobey the known laws of physics as laid down by Newton and Einstein.**

Dr. David Bohm, a world renowned physicist, and one of Einstein's protégés, was one of the first to recognize the connection to the holographic image. From his laboratories at the University of London, he began to realize that the mysterious properties of sub-atomic particles were providing him a glimpse at an entirely new reality — one with holographic properties. He, and other physicists, discovered a world in which time and space ceased to exist and in which paranormal behaviour was the norm.

They found that quanta appear to communicate with each other instantaneously, faster than the speed of light, in violation of Einstein's law of relativity. What they observed looked a lot like Extra-Sensory Perception (ESP).

**When grouped together, quanta reach a critical mass and, like a colony of ants, begin to act as if they have a group consciousness. They cease behaving as individuals and start behaving like an intelligent whole.**

**Not only that, but it also appears that all sub-atomic particles in the universe are interconnected, creating one indivisible system, like a giant universal consciousness. The obvious parallel to God did not go**



**An original image.**



**And its holographic version.**

unnoticed.

The interconnectedness became even more obvious when it was discovered that quanta can shift their shapes. They can appear as either a solid object or wave-like. But the only time they appear as solid objects is when they are being observed by the scientists! So, physicists are wrestling with the conclusion that they themselves are somehow interconnected with the very particles they are studying.

Dr. Bohm and other physicists are reaching the conclusion that at the quantum level of reality, location ceases to exist altogether. All points in space and time are the same. Nothing is separate from anything else; the entire universe seems to be non-local in nature..

The same conclusions have been reached by scientists in other fields. Dr. Karl Pribram, a neurophysiologist at Stanford University, found that the human brain was holographic when he attempted to find out where memories were located in the brain. He found that memories are not stored in any particular part of the brain, but rather everywhere in the brain at the same time.

Numerous attempts have been made to discover where human consciousness is located in the body. It is commonly assumed that our awareness exists in the brain, but no one has been able to say exactly where. Now growing numbers of physicians, led by Dr. Raymond Moody, author of the book, *Life after Life*, are reaching the conclusion that human consciousness also is non-local. In their study of near death experiences, they have amassed thousands of well documented cases which seem to show that human consciousness is not attached to the body at all and that it continues to exist in another reality after death.

Dr. Brian Weiss, formerly chief of psychiatric medicine at Mt. Sinai Hospital in Miami, Florida has discovered that patients could remember past lives and achieve amazing cures for a wide variety of mental and physical disorders.

He believes that human consciousness is not limited by time and space. He writes about his findings in his books, *Many Lives, Many Masters*, and *Through Time into Healing*.

These findings are totally consistent with physicist David Bohm's understanding of quantum physics. As he sees it, if every particle of matter interconnects with every other particle, the brain itself must be viewed as infinitely interconnected with the rest of the universe.

#### MAINSTREAM SCIENTISTS.

The list of mainstream scientists who are using the holographic model to understand previously unexplainable phenomena goes on and on, but what can ufologists gain from this intriguing theory?

First, it should be fairly obvious to those knowledgeable about the characteristics of UFOs and alien entities that they, too, seem to exist in some other reality, at least some of the time.

UFOs and aliens are shapeshifters. UFOs have

been reported to appear and disappear, merge together, split apart and change shape. Aliens have been seen to materialise and dematerialise and pass through solid objects. UFOs appear to be able to traverse great distances in the blink of an eye, if not instantaneously, and they are thought by many to be able to travel between star systems and perhaps galaxies. They seem to exist, at least part of the time, in a reality where commonsense concepts of time and space do not apply.

#### THE PARANORMAL PROBLEM.

In addition, in recent years, ufologists have had to struggle with increasing reports of a paranormal nature: poltergeist phenomena associated with abductions, out-of-body experiences by abductees, and even reports of abductees recalling past lives as aliens and having increased psychic abilities. Reports such as these have become so common that abduction researchers recognize them as part of the symptomatology of the abduction phenomenon.

However, some ufologists try to distance themselves from this aspect of the phenomenon, because it doesn't seem "scientific" enough. They argue, with good cause, that ufology has worked hard to become a respectable science, and that dealing with paranormal phenomena can only cause them to lose what precious credibility they have achieved.

But that may be about to change. It may be that ufologists, just as scientists from all fields, may be free to pursue the paranormal as a legitimate course of study as more and more of our greatest minds acknowledge the holographic concept. In fact, this may quickly become the hottest race among scientists in the years ahead — the race to build a bridge between science and the paranormal, a long overdue effort to merge the scientific and the spiritual worlds.

If that becomes the case, then the findings of Dr. John Mack of Harvard University, as reported in his book, *Abduction*, that connect the UFO abduction phenomenon with spirituality and reincarnation, may not seem so ludicrous and abhorrent to many "nuts-and-bolts" ufologists.

Assuming that highly advanced civilizations, perhaps thousands of years ahead of us, discovered the holographic nature of the universe a long time ago, it would be logical to assume that their concepts of time and space would be far different from our own.

Distances to them would be a foreign concept. We can imagine that their technology might permit them to travel through quantum reality and go anywhere in time and space instantaneously.

#### NON-LOCAL CONSCIOUSNESS.

They would have discovered long ago that consciousness is non-local. So when abductees report that they have been told by the aliens that there is more to the human state than "mere flesh and blood," as Dr. Mack and others report, perhaps they know what they're talking about. As a result, they may view physical bodies as merely temporary containers, easily discarded and

replaced.

They certainly would have become masters of the holographic image, creating totally realistic, three-dimensional, interactive motion pictures that we mere humans would find impossible to distinguish from reality. This technology may play a very important part in alien contact and has been speculated upon by a number of ufologists.

In her book, *Taken*, Dr. Karla Turner makes the case for holographic imagery in abduction cases she has researched, and gives examples of incidents that seem to be holographic projections, rather than real, physical contact.

There is no doubt that a highly developed technology based on quantum reality and the principle of non-locality would appear to be magic or paranormal to our eyes, just as that first holographic image seemed spectral to its discoverer. But the more we learn about the holographic model, the better we can understand the technology of the future and possibly of the alien culture.

How then should ufologists proceed in utilising the concept of non-locality and the findings of quantum physics in their search for the answers to the UFO mystery?

**The first step is in acknowledging and accepting the holographic model of the universe. This includes accepting the implications for the reality of phenomena heretofore thought to be supernatural or mystical. The dilemma that ufologists face is that by embracing scientific principles that may finally provide a basis for understanding UFOs, they must also embrace that which they have for so long disdained — the mystical and the paranormal. If they are able to do so, they can at least be comforted by the thought that they are in good company, for all of science may soon face the**

**same dilemma.**

Does this mean that, when all paranormal events can be understood as based in scientific principles, we can finally conclude that the aliens are merely flesh and blood like ourselves, or just more advanced? Does this put an end to speculation by some that these beings are supernatural, angelic, demonic and godlike? Or will it merely give us another way to talk about and label something that, by some standards, maintains supernatural characteristics? After all, what do you call beings who exist in a reality where time and space do not exist, and who travel, perhaps in disembodied form, through time, space and solid objects at will, and who apparently can exercise total mind-control over humans? Aliens, gods, angels, demons, spirits — there seems to be no one term that adequately describes such entities.

And perhaps that is why they will remain an enigma for a long time to come. ■

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NOTE. I myself wrote an article in FSR a long time ago, in which I drew on some of the same sources, and followed some similar arguments about the relevance of a holographic model to the paranormal. It is entitled *Bent Spoons or Bent Reality*, and is in FSR vol. 24/1. -Philip Creighton. Here are some major references:

a) Longuet-Higgins, H C. "Holographic Model of Temporal Recall." *Nature*, Vol. 217 Jan. 6 1968

b) Gabor, D. "Holographic Model of Temporal Recall." *Nature*, Vol. 217, Feb.10,1968.

c) Gabor, D. "Improved Holographic Model of Temporal Recall." *Nature*, Vol. 217, March 30,1968.

d) Willshaw D.J. Duneman, O.P · Longuet-Higgins, H.C. "Non-Holographic Associative Memory." *Nature*, Vol. 222, June 7,1969.

**Michael Talbot's book is called: *THE HOLOGRAPHIC UNIVERSE*. Publisher: Harper Collins, 1991. ISBN 0-06-092258-3**

**Joe Lewels' latest book is called: *THE GOD HYPOTHESIS: Extraterrestrial Life and its Implications for Science & Religion*. Wild Flower Press, USA, 1997.**

**ISBN 0-926524-40-2 Much recommended.**

## **MORE ON THE TEHERAN INCIDENT OF 1976.**

**© by ANDREW LUNN (BUFORA and ISLIR).**

Here is a further article on the important UFO encounter that occurred over Teheran, Iran, in 1976. I have included the FOAI (Freedom of Information Act)\* files that highlight what is significant in the incident. It involved multiple witness accounts, a possible landing, and the attempt by two Iranian Air Force *F-4 Phantoms* to intercept the unknown. (I personally became aware of the incident after the TV programme, *Sightings*, in 1994, when it was revealed that a crew had tried to fire a missile at the UFO.)

*It must be remembered that the Iran of 1976 was still*

*under the administration of the Shah, and was a steadfast ally of the United States. With the benign attitude of the country toward the West at the time, one can safely accept that the Shah and the corporate infrastructure of Iran were squarely "into the pockets" of the United States. Their oil production and reserves were a very important logistic point for the West's economic game plan at that point in history.*

Just as important, from a military perspective, was the fact that Iran's Air Force was not the piece-meal product of "get it where you can" hardware-procurement