



WHY DOES MATTER EXIST?

By Jerry Healan

Popular Science Magazine recently ran an article (April 2002) written by Bill Moyer entitled Matter. It seems that he was given an opportunity to visit the 2-mile long accelerator, called the Stanford Linear Accelerator, or SLAC, in Menlo Park, California.

Here is what he stated, "My awe is nothing compared to what the 550 physicists worldwide working on the project will experience if their experiment works. Even in the world of physics, where investigators routinely tackle mind-bending problems like quantum uncertainty and black holes, the question these scientists are up against is truly extraordinary: Why does matter exist?

"According to our best theories, all possibility for anything to be here should have been destroyed by antimatter some 15 billion years ago. Scientists believe that matter and its nemesis, antimatter, were created in equal amounts at the beginning of time and promptly canceled each other out. Yet that there is matter in the universe—from subatomic particles such as protons and neutrons to stars, planets, and every form of life—is absurdly selfevident. So physicists can't escape the fact that they have constructed a theory of how the universe works—the so-called standard model—that denies their own existence. That is, to say the least, an uncomfortable situation." (p. 58)

Isn't this amazing! The physicists can't explain why matter exists! According to their own experiments and theories, matter shouldn't exist at all. They are presently in

a most uncomfortable situation because they can't explain it. Wow! I wonder why they don't declare this to the public much more openly. Could it be that they don't want to inform the public because they fear that the public would take this as proof that a Creator really does exist?

FAIRY TALES

Isn't this the same situation that all evolutionists are in? They have their theories based (supposedly logically) upon the information or facts that they have before them, but they still can't explain perfectly nor can they truly prove that it all evolved as they have postulated. There are still too many missing links out there. There are still too many lost skeletal frameworks that would conclusively prove that we began with a big bang, cooled and condensed into suns, planets, asteroids, etc. then moisture, water came about which, of course, gave the needed spark to the most simple life forms which then decided their lives were just too simple. They needed a change. They needed to discover who and what they were, so they experimented with themselves, developing into so many, many more intricate life forms until one day they left the water for the dry land. But they had a problem. They weren't adapted to be able to move very well on dry land so they developed legs in order to move about. Still others decided that they had rather fly through the air, so along with legs, they developed wings.

Isn't it amazing that man always desired to fly through the air like the birds, insects,





etc. but instead of deciding to develop wings, upon failed attempt after failed attempt, he decided to develop aircraft to fly himself to the various points that he desired to travel. I wonder why and how the flying things could have been so superior to man in their own experimental developments? Did they have a far greater understanding of the laws of aerodynamics than man did.? If so, why couldn't they have developed a mind like man's and then establish schools and colleges in order to teach man and other creatures how to develop wings and fly?

Of course, legs probably had to come first and four or six or eight or a thousand legs seemed to be so much better than just two, but no matter, some decided to develop into primates and some of the primates decided that they had rather walk on just two legs and that they wanted to appear more intelligent than the rest, so they decided to develop larger, more efficient brains which would lead to a wonderful thought process, ergo! Man eventually created himself and became the sovereign over all the earth. Then he began to look proudly back over all of the billions of years that it took him to develop into the creature that he is today.

Of course, once he began to develop a more superior thought process, he forgot how he got to where he was going. It seems that Alzheimer's disease has been a problem for so long a time. Anyway, he began to erroneously attribute his existence and the existence of the world to something or someone who was far greater than himself. This was back in his more primitive days when he hadn't developed the more scientific mind that he has acquired in today's world.

Isn't it amazing that man could design and develop himself out of nothing, go through billions of years and many, many ages of experimental design and then when he got where he was going, he forgot how he got there? So once he got to his modern day stage, he decided to trace his roots back to his beginnings so that he could declare to himself where he came from and how he got here. Kind of like Grimm's Fairy Tales isn't it?

But now, through his advanced knowledge, he discovers that he nor anything else that consists of matter should exist at all because there is as much anti-matter as there is matter and the anti-matter should have cancelled the matter into nothingness.

EVIDENCE OF A CREATOR

But notice carefully what was said in this article, "Scientists believe that matter and its nemesis, antimatter, were **CREATED** in equal amounts at the beginning of time and promptly canceled each other out."

Isn't it interesting that the scientists can speak of things being created, but continually deny that there is a great all-wise Creator Who made it all? No, according to scientists, there is only the natural physical world. They become very angry when someone speaks of a supernatural Creator. Why? Because they are in the process of denial which is revealed by the Apostle Paul in the book of Romans, "For the wrath of Yahweh is revealed from heaven against all impiety and unrighteousness of men, who hold the truth in unrighteousness; because that which may be known of Yahweh is manifest in them; for Yahweh hath shewed it unto them. For the invisible things of Him from the creation of the world are clearly seen, being understood by the things that are made, even His eternal





power and headship; so that they are without excuse: because that when they knew Yahweh, they glorified Him not as Elohim, neither were thankful; but became vain in their imaginations, and their foolish heart was darkened. Professing themselves to be wise, they became fools, and changed the glory of the uncorruptible Elohim into an image made like to corruptible man, and to birds, and fourfooted beasts, and creeping things," vv. 18-23.

Notice that Yahweh's word says that the invisible things of Him from the creation of the world are clearly seen, being understood by the things that are made, even His eternal power and headship; so that they are without excuse. Man, in what is called the primitive state, didn't have the knowledge that is available to those in today's supposedly more enlightened world. Therefore, the more modern-day enlightened scientists impugn and make fun of those who believe (-d) in a Creator, an all-powerful, all-wise, omnipotent Being Who made it all and sustains it by His power.

It is amazing to me that in all the scientific world, the evidence, the truth is right before the face of the scientists, yet they continue to remain in a state of denial. Of course, those of us who have never studied into the sciences in depth, yet continue to maintain the primitive belief in a Creator, are looked upon as ignoramuses. I know, I have been addressed as such by evolutionists on a creation science forum on the internet. But it would be far better for them to heed the warning that Paul stated, "For the wrath of Yahweh is revealed from heaven against all impiety and unrighteousness of men, who hold the truth in unrighteousness."

When I try to warn them, I am accused of

threatening them. I can't threaten anyone. Yahweh forbid that I should have such power. But I can warn them of the truthfulness of the situation so that they might have an opportunity to repent and save their souls from the prophesied wrath to come.

The truth of the situation is that modernday scientists have the truth right in front of their faces, but can't recognize it because they are in denial and blinded. It's the same situation as when Yahshua stood in front of Pilate and told him, Every one that is of the truth heareth My voice. Pilate saith unto Him, 'What is truth?" Jn. 18:37 (last part)-38 (first part). Here was Yahshua, the Truth, standing before Pilate and Pilate couldn't recognize it.

A GREAT MYSTERY

Continuing with the *Popular Science* article, "One of [cosmology's] outstanding problems is that we don't know why there's ordinary matter in the universe today,' says Michael Turner, a University of Chicago cosmologist. 'That's a pretty big problem."

"The standard model is dear to physicists because it has unified our understanding of the microworld, successfully predicted new particles, and most important, has never been directly contradicted by experiment. But the standard model suffers from a major glitch—namely, the matterantimatter conundrum—and physicists are striving to discover how, and precisely where it's wrong, or at least incomplete. 'It's the place where the standard model hasn't really been tested,' concedes Helen Quinn, theorist at SLAC and vice-president of the American Physical Society.

"The holy grail in this quest is CP violation, a phenomenon that implies that antimatter





is not matter's perfect mirror image, as it's generally thought to be. If the two sometimes behave differently, that nonconformity would help explain why the world around us exists. The standard model predicts some CP violation—and in a landmark finding last summer, the team at SLAC uncovered roughly that amount. But the CP violation predicted by the standard model is not nearly enough to explain the vast amounts of matter in the universe."

The truth of the matter is that while scientific research is great and can reveal so much knowledge and understanding about the world around us, if they would approach their research with the frame of mind that there is a wondrous Creator Who made it all, then everything would fall into place. Yahweh would be honored and acknowledged as the Almighty Elohim Who has the wisdom, knowledge and understanding to be able to simply speak it all into existence. Man would understand that even though he can acquire a great amount of knowledge about the physical creation, he would also glean a great deal of knowledge about the One Who created it all, and also would understand that it isn't possible for the mind of man to be able to fathom it all nor is it possible to search it all out.

Scripture says, "By the Word of Yahweh were the heavens made: and all the host of them by the breath of His mouth. He gathereth the waters of the sea together as an heap: He layeth up the depth in storehouses. Let all the earth fear Yahweh: Let all the inhabitants of the world stand in awe of Him. For He spake and it was done; He commanded and it stood fast," Psa. 33:6-9.

It is so difficult for the scientific world to believe these verses, yet the deeper they research, the more they reveal that something has to have happened for it all to come about and for it to be sustained. You see, at first the molecule was thought to be the smallest thing, then they discovered that the molecules were made up of atoms. The atom became the smallest thing, but then they discovered that atoms were made up of even smaller things called electrons, protons and neutrons. So these were the smallest things. Now they have discovered that even the electrons, protons and neutrons are made up of yet smaller things.

The "Fundamental Particles" or "Elementary Particles" presently are divided into three families called quarks, leptons and force carriers. There are 6 types of guarks, 6 types of leptons and four types of force carriers. These have all been discovered because of the theory of the "Standard Model," a triumphant establishment of particle physics in the 1970's. The "Standard Model" incorporated all that was known at that time and has since then successfully predicted the outcome of a large variety of experiments. Today, the Standard Model is a well established theory applicable over a wide range of conditions (Stanford Educational Model).

THE DILEMMA

Research into the Standard Model has aided the scientists to confirm the existence (or would it be non-existence?) of antimatter. The following is an excerpt from an answer to a question answered in *Scientific American.Com*: "New discoveries lead to new language. In coining the term "antimatter," physicists in fact redefined the meaning of the word "matter." Until that time, "matter" meant anything with substance; even today school textbooks give this definition:





"matter takes up space and has mass." By adding the concept of antimatter as distinct from matter, physicists narrowed the definition of matter to apply to only certain kinds of particles, including, however, all those found in everyday experience.

Any pair of matching particle and antiparticle can be produced anytime there is sufficient energy available to provide the necessary mass-energy. Similarly, anytime a particle meets its matching antiparticle, the two can annihilate each other—that is, they both disappear, leaving their energy transformed into some other form.

There is no intrinsic difference between particles and antiparticles; they appear on essentially the same footing in all particle theories. This means that the laws of physics for antiparticles are almost identical to those for particles; any difference is a tiny effect. But there certainly is a dramatic difference in the numbers of these objects we find in the world around us; all the world is made of matter. Any antimatter we produce in the laboratory soon disappears because it meets up with matching matter particles and annihilates. Modern theories of particle physics and of the evolution of the universe suggest, or even require, that antimatter and matter were equally common in the earliest stages—so why is antimatter so uncommon today? The observed imbalance between matter and antimatter is a puzzle yet to be explained. Without it, the universe today would certainly be a much less interesting place, because there would be essentially no matter left around; annihilations would have converted everything into electromagnetic radiation by now. So clearly this imbalance is a key property of the world we know. Attempts to explain it are an active area of research today."

Again, the believer can triumphantly proclaim the inspired word of Yahweh which says, "In the beginning was the Word, and the Word was with Elohim, and the Word was Elohim. All things were made by Him (the Word); and without Him was not any thing made that was made. In Him was life; and the life was the light of men. And the light shineth in darkness; and the darkness comprehended it not....He (the Word) was in the world, and the world was made by Him, and the world knew Him not. He came unto His own, and His own received Him not. But as many as received Him, to them gave He power to become the sons of Elohim, even to them that believe on His name: Which were born not of blood, nor of the will of the flesh, nor of the will of man, but of Yahweh. And the Word was made (became) flesh, and dwelt among us, (and we beheld His glory, the glory as of the only begotten of the Father,) full of grace and truth," Jn. 1:1-5, 10-14.

THE MYSTERY AND DILEMMA SOLVED

The book of Hebrews proclaims, "Through faith we understand that the worlds were framed by the Word of Yahweh, so that things which are seen were not made of things which do appear," Heb. 11:3. The wording here is a little erroneous. Actually it should say, "Through faith we understand that the worlds were framed by the Word of Yahweh, so that things which are seen were made of things which do not appear."

This is a true scientific statement which is proclaimed by one of Yahshua's disciples/ apostles before the world ever knew that it was made of molecules which are further







broken down into atoms, which are further broken down into protons, neutrons, and electrons, which are further broken down into quarks, leptons, and force carriers, which, according to one of the statements of the scientific articles out of Stanford are also made up of a substructure not presently known nor understood.

The research and discoveries of the physicists has even brought forth another type of physics called "chaos." This is probably an admission that they have studied about as deeply as man can go without entering into a realm that he will never know anything about in this physical world.

That's because they may be approaching the border of the spirit or supernatural world which they already are in denial of. The Apostle Paul writes, "For what man knoweth the things of man, save the spirit of man which is in him? Even so the things of Yahweh knoweth no man, but the Spirit of Yahweh. Now we have received, not the spirit of the world, but the spirit which is of Yahweh; that we might know the things that are freely give to us of Yahweh. Which things also we speak, not in the words which man's wisdom teacheth, but which the Holy Spirit teacheth; comparing spiritual things with spiritual. But the natural man receiveth not the things of the Spirit of Yahweh: for they are foolishness unto him: neither can he know them, because they are

spiritually discerned," 1 Cor. 2:11-14.

If the scientists would only study the Scriptures with the same intensity and inquisitiveness as they are the physical realm, they would learn the truth of the matter. They would find out how matter and antimatter could exist in equal quantities without canceling each other out, for the Scriptures state, "Elohim, Who at sundry times and in divers manners spake in time past unto the fathers by the prophets, hath in these last days spoken unto us by His Son, Whom He hath appointed Heir of all things, by Who also He made the worlds; Who being the brightness of His glory, and the express image of His person, and upholding all things by the word of His power, when He had by Himself purged our sins, sat down on the right hand of the Majesty on high," Heb. 1:1-3.

Do you get that Mr. Scientist? Yahshua, the Son of Elohim and the Word of Elohim spoke it all into being and currently upholds it by the word of His power. That's the reason why matter and antimatter didn't cancel each other out whether it was 15 billion, trillion, million, thousand or even hundred years ago. We have a Creator and a Savior Who has the power to cause it all to be. Let us seek and fear Him, for if He is able to create and uphold such a wondrous physical creation that we are a part of, what wonders await us in the spiritual realm!?