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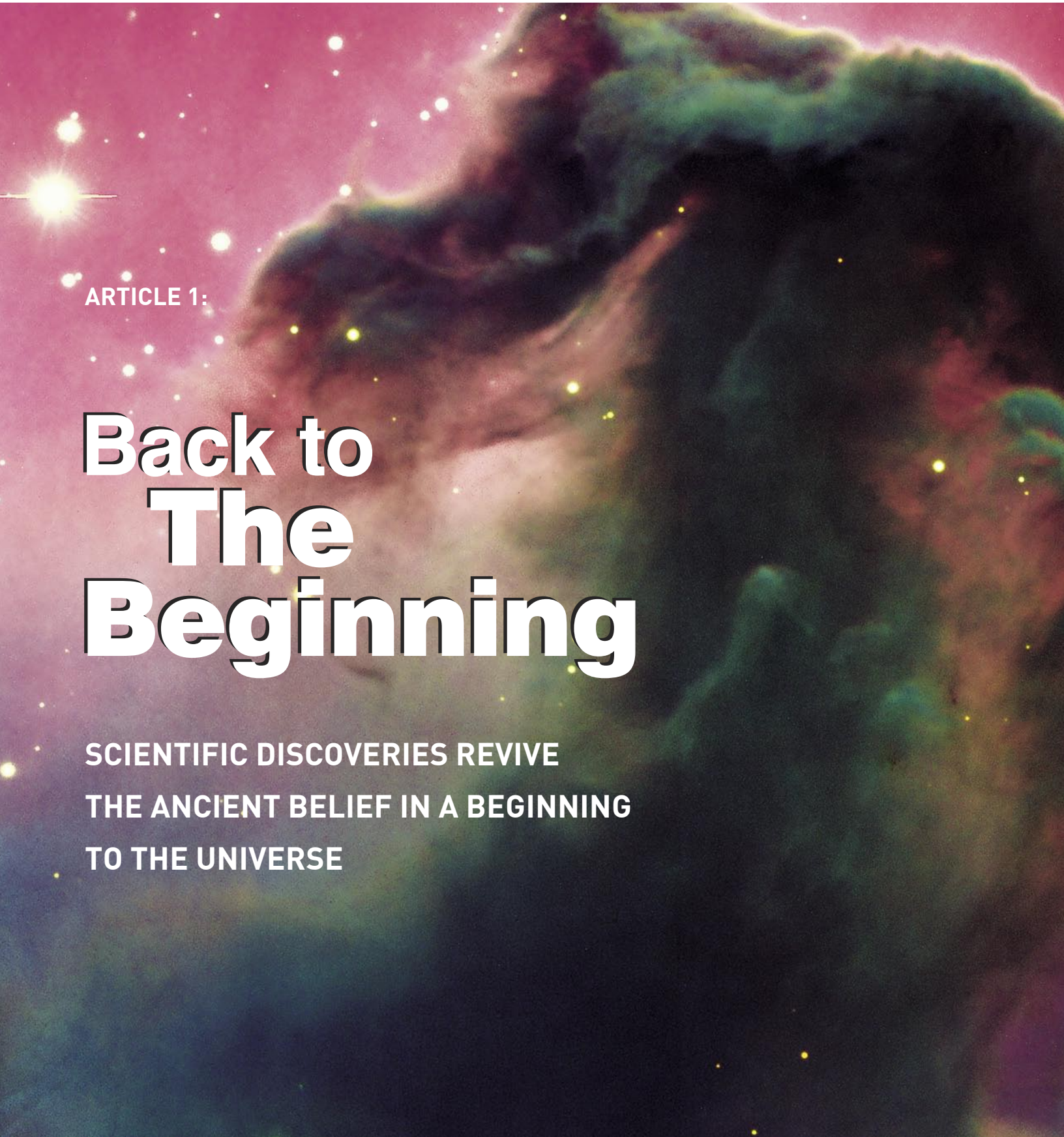

ARTICLE 1:

Back to The Beginning

SCIENTIFIC DISCOVERIES REVIVE THE ANCIENT BELIEF IN A BEGINNING TO THE UNIVERSE

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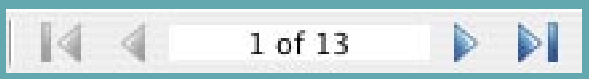

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Back to the Beginning

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Larry Chapman

BACK TO THE BEGINNING

Scientific discoveries revive the ancient belief in a beginning to the universe

If we could rewind the history of the universe, what would we discover about its origin and development? Did it really have a beginning, or was it always there?

The influential ancient philosopher Aristotle stated, "It is impossible that movement should ever come into being or cease to be, for it must always have existed. Nor can time come into being or cease to be."

Meanwhile, the biblical book of Genesis famously starts off, "In the beginning God created the heavens and the earth."

Which is it? Is the universe eternal—has it always been here? Or did it have a beginning at some point in time—did it have a birthday, so to speak? These are the two schools of thought that have enrolled followers since early times. (Actually, there was also a third school that postulated that the universe existed on the back of a giant sea turtle, but they're mostly gone now.)

The seesaw of opinion has tipped one way or the other over time. But lately the weight of evidence has all been coming down on the side of the birthday universe.

In the old days when the Christian church dominated Western society, the creation of the universe was taken for granted. But slowly the scientific viewpoint pushed aside creation as well as the creator. Now many scientists are thinking that the idea of a creation may not have been so far off from the truth as they thought. It's looking like the universe had a beginning after all.

Remarkably, one of the first scientists to swing the pendulum of opinion back to the birthday-universe position was so entrenched in eternal-universe thinking that at first he refused to believe his own conclusions.

A GREAT BRAIN'S BIGGEST BLUNDER

When Albert Einstein developed his revolutionary theory of general relativity in 1916, his mathematical calculations pointed to an extraordinary conclusion—the universe was expanding. And since if you rewind the tape on any expansion, you get back to a point where it started, that meant the universe must have had a beginning too.[1]

Einstein, however, was like most scientists of his day in that he believed in an eternal universe. Unwilling to accept a beginning to the universe, Einstein fudged the numbers in order to nullify the conclusion that the universe was expanding.

University of California astrophysicist George Smoot explains that Einstein's main problem with an expanding universe was its implication of a beginning. A beginning pointed to a beginner beyond scientific investigation.[2] However, once experimental data proved that the universe really was expanding, Einstein admitted his error, calling it "the biggest blunder of my life."[3]

There's a point worth considering here: if it could happen to Einstein, it could happen to anyone. Rarely is anyone completely objective when it comes to the issue of a creator. While it is true that religious belief and philosophy became an obstacle for scientific inquiry in the days of Galileo, trends have changed. In the modern era it has been a prejudice against the possibility of a cosmic designer that has kept many scientists from honest and open inquiry.

Thankfully, the truth generally comes out in the end, and scientists began to see the light. For Einstein and others, it was something called red shift that started the parade of evidence for a universe with a beginning.

RED SHIFTING THE BIG BANG THEORY INTO HIGH GEAR

In the late 1920s, the American astronomer Edwin Hubble noticed something unusual as he gazed into the heavens. It wasn't a new planet or little green men waving at him from Mars; it was something more tedious and at the same time more thrilling.

Hubble had been spending countless nights at the Mount Wilson Observatory, studying the stars and galaxies and especially the spectrum of color in the light they sent our way. He discovered that the light from most other galaxies was shifted to the red end of the spectrum, which indicated they were moving away from us. Furthermore, the farther a galaxy was away from us, the more red shifted its light was and, thus, the faster it was moving away from us.

The only explanation for all of this was that space itself was expanding, causing all galaxies to move away from each other. In an expanding universe, from any point in space (including our own), it would appear that most stars and galaxies were racing away. And the farther away they were, the faster they would be racing.

There it was in the red shift: proof that Einstein had been right in the first place (before he fudged his formula) and that the universe really was expanding. Proof, in other words, that the universe was not eternal but had a beginning.[4]

And yet not everyone accepted the proof at first, including a scientist named Sir Fred Hoyle (former Plumian professor of astronomy at Cambridge University and founder of the Institute of Astronomy at Cambridge). Ironically, it was Hoyle who originally described the event as a "big bang," meaning to mock the idea. The name stuck. (According to physics professor Brian Greene, the term "big bang" is actually misleading since there was nothing to explode and no space in which an explosion could take place.)[5] But unlike Hoyle, many other scientists began coming over to the side of the newly named theory.

The world's leading astrophysicist, Stephen Hawking, who has held the esteemed position of Lucasian Professor of Mathematics at Cambridge, calls Hubble's discovery of an expanding universe "one of the great intellectual revolutions of the twentieth century."[6] The discovery that the universe had a beginning has led to a new science called cosmology, which attempts to understand what happened at the origin of the universe, how it works, and what will happen in its future.

The new science led cosmologists to take another look at a seemingly mundane insight from the 19th century, the second law of thermodynamics.

A SECOND LAW OF FIRST IMPORTANCE

In addition to Hubble's discovery, the second law of thermodynamics also predicts a beginning to the universe. You say you don't know the second law of thermodynamics? Think again.

Let's say you come into a room containing me and a bunch of your other pals, and you find a steaming cup of Starbucks coffee on

the table. Being the thoughtful individual that you are, you ask, "Does this belong to anyone?"

To which I reply, "It's been there for the last month."

Well, you'd know immediately I was wrong or lying (probably lying). Why? Because the coffee wouldn't still be hot if it had been there for a month; it would be room temperature.

That's the second law of thermodynamics in action. This law states that everything continually moves from a state of order to disorder and that heat and energy dissipate over time. This is a law that has been verified by proof after scientific proof and has never been shown to be wrong.

Now let's apply this law to the universe, just as cosmologists have. If the universe were eternal, it would have gone cold and lifeless long ago. The stars would have burned out. Planets would have broken up into clouds of dust. And even the black holes would have ceased vacuuming the universe of unsightly stars and planets.

When you see flaming suns and scorching meteors, in other words, you're looking at

a steaming cup of coffee that over infinite time would have long since gone room temperature. Since the universe is still full of pockets of heat and energy, it cannot be eternal.

Who would have thought heat would be such a helpful clue? And that's just the half of it.

THE SIGNIFICANCE OF TV INTERFERENCE

There is still another way that the measurement of heat help to prove that the universe is expanding. In the spring of 1964, two researchers at Bell Labs observed a persistent hiss while testing their microwave radiation detector. Regardless of which direction they pointed the antenna, the static was the same. (This is the same static as TV interference. The same static that was supposed to be gone when I paid $150 to have my satellite dish installed.) Those men, Arno Penzias and Robert Wilson, had discovered what scientists say is the echo from the birth of the universe.[7]

But how could scientists know for sure that the hiss they were hearing was actually an echo from the beginning of the universe? Mathematicians calculated that heat generated at the moment the universe began would have been enormous beyond comprehension. This heat would have gradually dissipated over the life of the cosmos, leaving only a tiny residual of about 3 degrees Kelvin (–270 degrees C).

Additionally, in order for galaxies to have formed, the pattern formed by the explosion needed to have slight variations in the form of waves or ripples.

According to George Smoot, these ripples would result in very slight fluctuations in the predicted temperature and would reveal an identifiable pattern.[8] Thus, if the temperatures matched up, the birth of the universe would be scientifically verified. Merely discovering the temperature to be 3 degrees Kelvin would not prove that the universe actually had a beginning; the fluctuations also needed to match.[9]

But how could we verify fluctuations so subtle?

THE GREATEST DISCOVERY OF ALL TIME?

In 1992, a team of astrophysicists led by Smoot launched the COBE satellite in order to verify the temperatures in space. The satellite would be able to take precise measurements and determine whether fluctuations in temperature existed.

The results stunned the scientific world. Not only was the three-degree temperature confirmed, but more importantly, the profiles of the fluctuations were discovered to be a match with what had been expected.[10] Hawking called the discovery "the scientific discovery of the century, if not all time." Smoot himself excitedly stated to news-

paper reporters, "What we have found is evidence for the birth of the universe."[11] He also said, "If you're religious, it's like looking at God."[12]

THE EVIDENCE HAD BEGUN TO ADD UP, AND SOME SCIENTISTS WEREN'T LIKING THE SUM.

Astounded by the news, Ted Koppel began his ABC *Nightline* television program with an astronomer quoting the opening of Genesis: "In the beginning God created the heavens and the earth." The other special guest, a physicist, immediately added his quote of the third Bible verse: "And God said, 'Let there be light,' and there was light".[13]

Evidence like that provided by the COBE satellite raises some intriguing questions, to say the least.

THE QUESTIONS THAT FOLLOW THE EVIDENCE

Einstein's theorems based on his theory of relativity predict that the universe could not have begun without an outside force or Beginner.[14] Since Einstein's theory of relativity ranks as the most exhaustively tested and best proven principle in physics, his conclusion is deemed correct.[15]

Tests from an array of radio telescopes at the South Pole have confirmed the big bang to a still higher degree of accuracy than ever before.[16] Background radiation measurements exceed 99.9% of what had been predicted.[17] There are now more than 30 independent confirmations that the universe had a one-time origin.[18]

New telescopes such as the infrared Spitzer Space Telescope, launched in 2003, have opened up even bigger windows to our universe. They have prompted astronomer Giovanni Fazio, from the Harvard-Smithsonian Center for Astrophysics, to remark, "We are now able for the first time to lift the cosmic veil that has blocked our view."[19]

As a result of the accumulating evidence, the scientific community has long since begun asking questions about origins, such as the following:

- What was there before the big bang?
- Why did the big bang result in a universe enabling life to exist?
- How could everything originate from nothing?

Smoot ponders what was there before the beginning: "Go back further still, beyond the moment of creation—what then? What was there before the big bang? What was there before time began?"[20]

The same astrophysicist notes that "until the late 1910s … those who didn't take Genesis literally had no reason to believe there had been a beginning."[21] The Genesis account of creation and the big bang theory both speak of everything coming from nothing. Suddenly the Bible and science agree (a discovery somewhat embarrassing to materialists). Smoot admits, "There is no doubt that a parallel exists between the big bang as an event and the Christian notion of creation from nothing."[22]

The evidence had begun to add up, and some scientists weren't liking the sum.

TRYING TO AVOID THE BAD DREAM

A beginning to the universe was like a bad dream come true for materialists who wanted to believe everything had always existed. It brought scientists face to face with the logical conclusion that a primary cause must exist. That argument is a simple logical syllogism:

1. Everything that has a beginning had a cause.
2. The universe had a beginning.
3. Therefore, the universe had a cause.

But admitting a cause leads to the next logical question: who or what is the cause?

Think about it for a minute. Since time, space, matter, and motion are all a part of the created universe, then before the beginning it was timeless, spaceless, and motionless.

What can happen spontaneously from this

state of affairs? There's nothing moving, there's nothing colliding, there's … well, nothing. Not even the potential for anything to happen.

The fact that everything came from nothing has forced scientists to acknowledge that something outside of space and time, something very powerful and with apparent volition, must have acted to bring about the beginning. That is, there must have been an intelligent designer of the universe. Some might go ahead and use the name God for this creator.

Well, in certain academic circles, this line of reasoning simply won't do. Thus it is that many materialists have looked for a way to prove that the universe didn't have a beginning. Smoot remarks, "Cosmologists have long struggled to avoid this bad dream by seeking explanations of the universe that avoid the necessity of a beginning."[23]

Sir Fred Hoyle (he who mockingly coined the term "big bang") was one scientist who strongly opposed the concept of a beginning for the universe. In 1948 Hermann Bondi and Thomas Gold joined Hoyle in postulating that matter was in a continual state of creation. They called their idea the steady state theory, which was an attempt to show that the universe is eternal after all, even though the evidence had long been trending against such a view. However, the COBE discovery of background radiation was the fatal blow to the steady state theory.[24]

Next came the oscillating-universe theory. According to this concept, the universe explodes, contracts, and explodes again,

eternally yo-yoing. This would be another way to permit a belief in the eternal existence of the universe. But the physics for this theory didn't work.

More recently, some scientists, including Hawking, have begun considering the so-called multiverse theory. This theory accepts that our universe is finite, but it suggests that ours is just one of many universes. The whole multi-universe may be eternal, according to this theory, even though our particular universe is not. This theory is covered in more depth in another article in this magazine, but the key point to understand about it right now is that it has no evidence whatsoever to support it.

These theories fit neatly with the philosophy of materialism, whereas a beginning of the universe would raise the obvious question, who was there to start it? Professor Dennis Sciama, Hawking's supervisor while he was at Cambridge, admits his reasons for supporting the steady state theory: "I was a supporter of the steady state theory, not in the sense that I believed that it had to be true, but in that I found it so attractive I wanted it to be true."[25]

An origin of the universe meant materialists were suddenly faced with the questions that threatened their worldview.

A ONE TIME BEGINNING

Hoyle and other scientists fervently pursued alternative explanations to a one-time origin of the universe. Eventually, however, the evidence showed clearly that the universe had a beginning, and the big bang theory was proclaimed victorious. Ironically, it was evidence from Hoyle's own research that helped confirm that the universe had a one-time beginning.

Today most cosmologists and physicists accept the big bang theory as the scientific explanation of how our universe began. In fact, scientists believe they can trace the history of the universe all the way back to 10^{-43} of a second. Prior to that point in the history of our universe, all of our current theories break down and science can see no further back. The very beginning of the universe remains a mystery.

Imagine rewinding the universe back to its beginning, a time when there were no stars. No light, matter, or energy. Not even space or time. Suddenly an enormous explosion erupted from this nothingness at a temperature exceeding a million trillion trillion degrees.[26] Time begins along with matter, energy, and space.

When a bomb ejects shrapnel into the air, both the bomb material and the space it blows into have already been there. However, in the beginning of the universe, neither space nor matter existed until the explosion. The space surface of the universe and the newly created matter came into existence.

According to the big bang theory, this explosion launched the entire universe, from the most distant galaxy, to the most colorful nebula, to quasars flashing like beacons, to our own comforting sun and nearby planets, to you and me with our questions about where we came from and what it all means. Since man alone thinks about the meaning and purpose of life, the beginning—and the cause of that beginning—must be fascinating to each one of us.

The verdict is in on whether the universe is eternal or had a beginning. The idea that everything in the cosmos originated out of nothing seems mythical, yet it is now mainstream science.

ENDNOTES

1. Brian Greene, *The Elegant Universe* (New York: Vintage, 2000), 81-82.
2. George Smoot and Keay Davidson, *Wrinkles in Time* (New York: Avon, 1993), 36.
3. Greene, 81-82.
4. Stephen Hawking, *A Brief History of Time* (New York: Bantam, 1990), 38-51.
5. Greene, 83.
6. Hawking, 39.
7. Smoot, 80-83.
8. Ibid., 187.
9. Ibid., 240.
10. Ibid., 241.
11. Associated Press, "U.S. Scientists Find a 'Holy Grail': Ripples at the Edge of the Universe," *International Herald Tribune* (London), April 24, 1992, 1.
12. Thomas H. Maugh II, "Relics of 'Big Bang' Seen for First Time," *Los Angeles Times*, April 1992, A1, A30.
13. *Nightline with Ted Koppel*, ABC, April 25, 1992.
14. Hugh Ross, *The Creator and the Cosmos*, 3rd ed. (Colorado Springs, CO: NavPress, 2001), 224.
15. Roger Penrose, *Shadows of the Mind* (New York: Oxford University Press, 1994), 230.
16. E. M. Leitch et al., "Measurement of Polarization with the Degree Angular Scale Interferometer," *Nature* 420 (2002): 772-87; J. M. Kovac et al., "Detection of Polarization in the Cosmic Microwave Background Using DASI," *Nature* 420 (2002): 772-87; Matias Zalarriaga, "Background Comes to the Fore," *Nature* 420 (2002): 747-48.
17. Gregg Easterbrook, "Before the Big Bang," *U.S. News & World Report* special edition, 2003, 16.
18. Hugh Ross, "Big Bang Passes Test," *Connections*, Qtr 2, 2003.
19. Paul Recer, "Newest Space Telescope: The Spitzer," *Seattle Post Intelligencer*, December 19, 2003, A17.
20. Smoot, 291.
21. Ibid., 30.
22. Ibid., 17.
23. Ibid., 291.
24. Ibid., 86.
25. Stephen Hawking, ed., *Stephen Hawking's A Brief History of Time: A Reader's Companion* (New York: Bantam, 1992), 63.
26. Bradford A. Smith, "New Eyes on the Universe," *National Geographic*, January 1994, 33.
27. Michio Kaku & Jennifer Thompson, *Beyond Einstein*, (New York: Anchor Books, 1995), 167.

IS THE DESIGNER AN ABSENTEE PARENT?

The big bang theory has reopened scientists' minds to the possibility that the universe was created by an intelligent designer. But if so, has that designer remained involved with the universe? Two discoveries, quantum mechanics and string theory, suggest the answer could be yes.

In 1925, Werner Heisenberg shocked the scientific community by showing that the subatomic world is unpredictable. In fact, it behaves unlike anything scientists had ever imagined and seems to betray common sense. This marked the start of the branch of physics known as quantum mechanics, which is the study of the behavior of microscopic particles. (A "quantum," in physicspeak, is the smallest amount of any quantity, such as particles like electrons, quarks, and photons.)

What has fascinated scientists is that particles such as electrons, quarks, and photons can appear from nowhere and disappear just as quickly. No one knows why.

Furthermore, a quantum has an undetermined position until it is observed. When observed, it immediately becomes a particle with a fixed position. Why does this happen? Again, scientists don't have a clue.

In another bizarre phenomenon known as quantum tunneling, a particle can move through a barrier without altering the barrier's structure. Theoretically, the same might be possible for an object or person. Thus, phenomena such as walking untouched through walls—previously thought to be a violation of the laws of physics—are possible.

Physicists have been perplexed at the seeming contradiction of quantum mechanics and relativity, yet they are convinced that there must be some unifying principle. A newer concept in theoretical physics, known as string theory, may solve the riddle of how these bedrock theories are able to coexist in the cosmos.

String theory likens the behavior of particles to tiny vibrating strings. Different vibrations create different behaviors for particles just as different vibrations on a violin or piano string can alter pitch. Among other things, string theory tells us that at the big bang at least six additional dimensions were created along with the four we observe (length, height, width, and time). These additional dimensions are beyond our ability to see or measure.

The implications of string theory on our perception of reality are mind-boggling and require thinking differently about the universe and what is possible. If we could access other dimensions, the following "impossibilities" would be possible.[27]

1. Walking through objects, such as walls
2. Performing surgery without cutting the skin
3. Instant teleportation from one location to another

If these other dimensions exist, a designer could theoretically intervene in our world without being seen. Quantum mechanics and the possibility of other dimensions contradicts materialists' belief that "if we can't see and measure it—it must not exist." But scientists are also baffled about another mystery of the universe that is possibly an even great challenge to materialism: dark matter and energy.

About 95% of the universe is made up of this "dark stuff" that consists of mysterious exotic matter and energy. Although dark matter is invisible, scientists can convincingly measure its gravitational pull. Theoretically, dark matter pervades our very breath. We are on a hurtling spaceship surrounded by an ocean of matter we cannot see!

Two-thirds of the dark stuff consists of "dark energy." Although dark matter is an enigma, dark energy is even more mysterious—scientists have no idea what it is. Some scientists believe dark energy holds the key to understanding the great mysteries of our universe.

This mysterious dark stuff that pervades 95% of the universe, along with the quantum world and other dimensions, have fueled new ideas about how a designer could be actively involved in his universe, yet remain unseen. Is it possible a designer operates in another dimension that intersects ours, or controls hidden quantum particle behavior that undergirds our macro world? Or could he be impacting our world from within the dark 95% of the universe that surrounds us?

Taken together, these mysteries of our universe undermine the materialistic world view, and compel us to face the possibility that our universe was not only *made* but could also be *sustained* and *cared for* by a parent who guides the unseen world with his invisible hand. In that case, the designer could be less like a mother who abandons her newborn and more like a mom who stays with and raises her child.

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