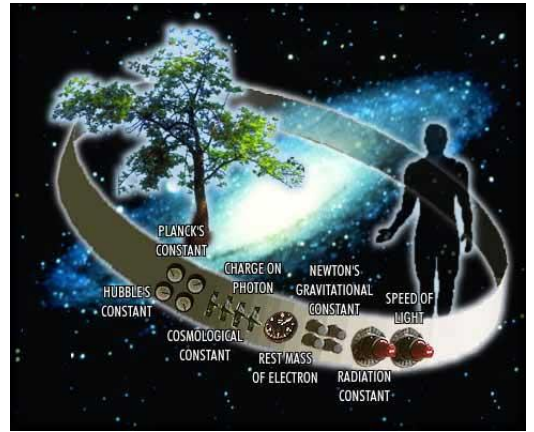


“Got a Moment” (#1)

The Finely Tuned Universe

Got a Moment? – Let’s talk about the Universe!

You know, many people try to tell us that everything we see, including ourselves, is a result of random chance over millions & billions of years. Is that really true, or is the message of the Bible true which states, “In the beginning God created the heavens & the earth!”



What does the evidence we can view from scientific study show! If random chance brought about everything we would expect to see a lot of random things in the universe that showed no uniformity. It should all be, well random! On the other hand, if God designed and created everything with purpose and meaning, then we would expect to see perfect order & great design features all around us.

One of the many things in the world around us that confirms the Bible’s account of God creating everything is the Universe itself. Did you know that there are around 30 laws of physics that are constant within the universe and that govern the function of stars, planets, comets, etc.? That’s right, the whole Universe is finely tuned so that stars & planets can exist and so that life can exist within the Universe. Many scientists have called this phenomenon “The Fine-Tuning of the Universe”. Both scientist that believe in creation and scientist that believe in darwinian evolution agree that the Universe is finely tuned. Scientists who believe in evolution explain this fine tuning by arguing, “Maybe there were multiple (millions) of universes and this one just happens to be just right.” (Picture of surprised face – voice saying Huh?)

Some of the laws of physics that are involved in this fine-tuning are:

- * The law of gravity*
- * The ratio of electrons to protons*
- * The expansion rate of the universe*
- * Cosmological constant*
- * The speed of light*

The web site “The 2001 Principle: The Fine Tuning of the Universe” begins by saying - ACCORDING TO GROWING NUMBERS OF SCIENTISTS, the laws and constants of nature are so “finely-tuned,” and so many “coincidences” have

occurred to allow for the possibility of life, the universe must have come into existence through intentional planning and intelligence. In fact, this "fine-tuning" is so pronounced, and the "coincidences" are so numerous, many scientists have come to espouse "The Anthropic Principle," which contends that the universe was brought into existence intentionally for the sake of producing mankind. Even those who do not accept The Anthropic Principle admit to the "fine-tuning" and conclude that the universe is "too contrived" to be a chance event.

Dr. Robin Collins, a Physicist, says this about how precise the fine tuning of the universe is –

"Over the past thirty years or so, scientists have discovered that just about everything about the basic structure of the universe is balanced on a razor's edge for life to exist. The coincidences are far too fantastic to attribute this to mere chance or to claim that it needs no explanation." (Dr. Robin Collins - Physics)

He goes on to say:

To illustrate - "Let's say you were way out in space and were going to throw a dart at random toward the Earth. It would be like successfully hitting a bull's eye that's one trillionth of a trillionth of an inch in diameter. That's less than the size of one solitary atom." (Dr. Collins)

What does all of this mean? Well, it is one of a multitude of things we can see through scientific research that confirms "In the beginning God created the heavens and the earth!" – No wonder the Psalmist wrote, **"The heavens are telling of the glory of God; And their expanse is declaring the work of His hands."** (Psalm 19:1)

By the way, just like He designed and made the universe, God designed and created you too, but that is a topic for another time! Bye for now!

For video only (no audio) – For further information visit

www.2001principle.net

Discussion Questions:

- (1) How do we know a car or a truck were designed and made by someone without having watched them make the car or truck?
- (2) Why does the universe being ordered by very precise laws of physics that have to be just right confirm that the universe is created by God (Who is intelligent)?
- (3) Think of what the Psalmist was talking about when he wrote Psalm 19:1

Pray together as a Family! (Thank God for the wonderful universe!)