

# CSA News

The Creation Science Association for Mid-America

"It is better to trust in the Lord than to put confidence in men" Psalm 118:8

Volume 17 (3) May/June, 2000

## More Great Proofs of Evolution

### ***"The Laws of Cause and Effect, and the 1st and 2nd Laws of Thermodynamics have been Invalidated by Modern Science"***

#### **Part 3**

by Tom Willis

Previous segments of this article appeared in the Jan/Feb and Mar/Apr, 2000 CSA News, which you must read if you expect to understand this segment. The series was precipitated by the questions of a fellow Toiler (**T**) in the Creation Vineyard who was Challenged (**C**) with these claims:

1. That Quantum Physics had invalidated The Law of Cause and Effect, 2. As well as the 1st and 2nd Laws of Thermodynamics, and 3. That "**T**" (and other creationists) debunk "traditional scientific theories about evolution (Darwinism and Neo Darwinism) while ignoring current evolutionary ideas - which have been prominent for over 30 years."

To this point we have been discussing the nature of theoretical science and showing how it has historically operated, especially when *scientists* pretend to deal with basic issues of the origin and nature of the universe. We chose as one example, the supposed *scientific fact* that the earth revolves around the sun, and suggested rather strongly that 1. There is **no evidence** that compels this point of view, 2. There is **much evidence** that seems to refute it, and 3. Some of the most renowned and competent scientists have said, in one way or another, the same thing.

I have also suggested that some problems which led to the "need" for *Relativity* and *Quantum Theory* were caused by (now known) fundamental flaws in some "classical" physics.

The purpose of the essay is to provide a response to the claims made to my toiler friend (**T**) by his challenger (**C**), to make that response available to others because the claims are being widely made, and to stimulate your own meditation, research and comments (Biblical and extra-Biblical). The purpose is not to *prove* a conclusion. In truth, no book or scientific paper ever proves a hypothesis, or even presents evidence for a hypothesis. The most any article can do, no matter where it appears, is to present testimony about the existence of evidence and a reasoning strategy about the meaning of the evidence. The wise reader will "*Prove all things; hold fast that which is good.*" -1Thess 5:21

The Bible clearly teaches that "*Now, I see through a glass darkly, now I know in part...*" It further teaches "*as the heavens are higher than the earth, so are my ways higher than your ways, and my thoughts higher than your thoughts*" (Isa 55:9). And, "*God has chosen the foolish things of the world to confound the wise.*" Man, in general, and scientists, in particular, are in for many surprises when the *dark glass* is removed from the universe.

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The Bible also teaches, that there is powerful evidence for the existence of God, and those who ignore it are without excuse. "*For the invisible things of him [God] from the creation of the world are clearly seen, being understood by the things that are made, even his eternal power and Godhead; so that they are without excuse.*" Romans 1:18-25. But the same God, and even the same human author also teaches that "*By faith we understand that the worlds (actually aion, or ages) were framed by the word of God...*" Hebr 11:3. This apparent contradiction can be easily resolved only when we realize that all of

empirical science (Man's knowledge, gained through experience, observation and human reason) is ultimately believed by faith. God expects us to act on faith (*pistis* - conviction) based on the evidence He has provided.

Furthermore, we are to *“keep that which is committed to thy trust, avoiding profane and vain babbling, and oppositions of science falsely so called.”* 1Tim 6:20. Believing Christians are often accused of being “anti-science.” Possibly some are, but most that I know are merely cautious about accepting claims, especially when the only real support for them is that they are loudly shouted with the word “science!” **Interim Conclusion:** There are parts of classical physics that are well tested and probably reasonably true (rocks go down, moving a coil through a field induces a current, 1st and 2nd Laws of Thermodynamics, basic mechanics, etc.). There are others that **some** call “classical” that I am personally careful about endorsing (the earth moves around the sun). Jesus warned: *“But I say unto you, That every idle word that men shall speak, they shall give account thereof in the day of judgment”* Matthew 12:36. I'll have enough “accounting” without wantonly adding more. Even the philosophers admit that “Fools rush in where angels fear to tread.”

### **Claim 1: “Physics has invalidated the law of cause and effect”**

The purported evidence for this claim was:

“The radioactive decay pattern of large groups of atoms can be predicted... with extraordinary accuracy. But the decay pattern of an individual atom cannot be calculated... This incalculability is not due to a lack of good instrumentation or calculation, it seems to be a property inherent in the very fabric & structure of the universe itself.

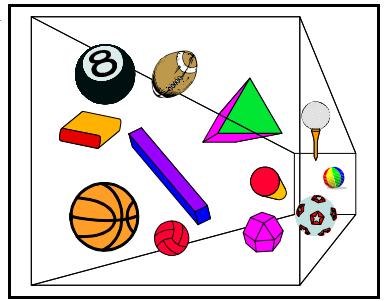
“Thus, the radioactive decay of individual atoms is - and I'm skipping a lot of evidence in the name of brevity - **acausal!!!!** There is no (local) cause for why some atoms take longer to decay than other identical atoms.” [emphasis and the ‘skipping’ phrase were in the original]

**Comment: 1. a.** All events studied heretofore have been caused. **b.** It is probably irrational to discuss an acausal event. **c.** All competent scientists admit that human ignorance is far larger than human knowledge. **Ignorance of the cause of an event hardly qualifies as proof it was acausal.**

**2. (C)** stated that decay “seems to be a property inherent in the very structure of the universe itself.” If so, decay can hardly be said to be acausal, the universe is designed to cause it to happen. Our inability to observe or understand the cause is irrelevant. Thus, the claim itself contained its own refutation. **3. (C)** hedges on the “acausal” claim in the very next sentence, changing it to “no local cause.” Even if there is no local cause, which has not been demonstrated in his letter, nor in quantum physics, he surely also believes there is “no local cause” for ocean tides. Using the same reasoning strategy, should we also believe ocean tides are *acausal*???? Or should we just believe they are acausal until Newton comes along? **5.** Another claim was that a lot more *evidence* exists. The *evidence* he has presented is all sloppy interpretation of **purported evidence**. Why should we believe the unstated *evidence* is any better?

### **Claim 2. Quantum Physics has refuted the 1st Law of Thermodynamics (the Conservation Law)**

To understand Quantum Physics experiments and theories, imagine my graphic being a football-field-sized cube which we believe contains many particles of **unknown** size, shape, weight, and elasticity. We cannot see into the cube, and do not even know whether



any such particles exist or whether they obey the laws of motion. Our technology to “observe” the “particles” is to shoot other particles of unknown size, shape, mass, and elasticity into the cube and observe “impacts” on a target. In the graphic, I have merely illustrated some possible sizes, shapes, masses and elasticities. Hitting the billiard ball will, in our normal way of thinking, produce a different result than hitting a piece of wet sponge. Now imagine trying to use this process to determine the number and properties of the “particles” in the cube.

**Direct observations are never made. All conclusions are based on effects. Quantum logic always involves the fallacy “Assertion of the consequent.”** Example: “I believe in a new particle with thus and so properties. A consequence of my theory would be that a target placed here would be struck when I do thus and so. Something hits the target. There are other explanations, but I can explain them away.” Confidence in these claims is purportedly improved by testing “risky predictions” made based on the theory. “Prediction” is a euphemism for a fallacious argument. Successful predictions do not mean a theory is true. For example, at least some of these *predictions* were made first using “classical physics,” e.g.,  $e = mc^2$  and many others flow from competing theories which are ignored.

“**C**” claims one Law thus “refuted” is the 1st Law of Thermodynamics (often called the “Mass/Energy Conservation Law”). It states that energy/matter is conserved in all transactions (the total remains the same). The clear implication is that there is no “*Natural*” way matter/energy can come into existence. Since the **2nd Law** clearly states that energy/matter is deteriorating in quality, energy/matter cannot have been here forever. The two Laws combine to be a huge problem for materialists because **these Laws clearly point to a beginning with a non-natural cause!** Since mass and energy are very complex, their cause undoubtedly was highly intelligent. Is the cause beginning to sound like God? The Christian (and Muslim and Jew) God is virtually the only one meeting these criteria: non-material, intelligent, and transcendent to the physical universe. While a creationist can live with or without the Laws in question, powerful religious motivation drives materialists to desperately seek their overthrow. Unhappily for them these Laws hold in every chemical and physical reaction observed.

I would like to spend more time and space developing these ideas, but CSA News is largely devoted to essays, not treatises. Therefore, I have already written the concluding segment for the next issue, with, I pray, some very valuable insights.

To be continued

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*by: Glenn Kailer*

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*by: Tom Willis*

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for Mid-America**

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**CSA Meeting - Tuesday, May 2, 2000**

**The Basic Institute in Creation Science  
Evolution, the New Age and Green Religion**

*by: Watchdog Willy Peterson*

Rapidly accumulating evidence of the handiwork of God in the natural world keeps atheists busy inventing explanations for intelligent design without a designer. While they love to claim victory in the "scientific" debate over origins, the implications of a totally godless universe are too frightening even for atheists to face, resulting in a frantic search for a spirituality behind the world's fabric that would offer an alternative to the God of Christianity and still appear subject to the supposed laws of naturalism. A marriage of New Age Occult Pantheism with pseudo-science/evolutionism is now the most popular solution for their spiritual dilemma.

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Tectonic Controls on Sedimentation  
in Rocks from the Jurassic Series**

*by: David J. Tyler, Ph.D.*

**Video from the 1994 International Conference on Creation**  
Uniformitarian geology inspired Darwin to propose uniformitarian biology. Both insist that slow, practically irrelevant processes observed today produced all that exists. Dr. Tyler clearly demonstrates that past processes in geology were orders of magnitude greater in speed and scope. [IC94T-052]

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**CSA Meeting - Tuesday, June 4, 2000**

**The Basic Institute in Creation Science**

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Evidence for the Genesis Flood**

*by: Ken Carlson*

Ken is a global fuels consultant who has visited coal mines and many other fossil sites all over the world and recently authored the chapter on fossil fuels for a major new textbook. For some 15 years he has accumulated data, artifacts and pictures that tell a dramatically different story about coal than other textbooks.

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