

Origins Insights

A MONTHLY PUBLICATION OF THE
CREATION SCIENCE FELLOWSHIP

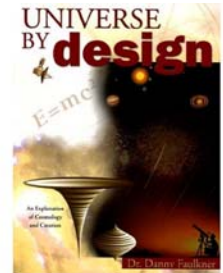


November 2006

Universe by Design Presentation by Dr. Danny Faulkner

Geneva College, Beaver Falls, PA
7:00 to 8:30 in the Old Main Auditorium

This presentation partly draws from Dr. Faulkner's book, *Universe by Design*. In the talk we will examine some of the history and assumptions of modern cosmological theories, particularly focusing on the big bang theory. We will discuss current ideas and explore evidence for these ideas. There will be comparison to Biblical creation, and some discussion of creation-based cosmologies.



Dr. Faulkner has a BS in math from Bob Jones University, an MS in physics from Clemson University, and an MA and PhD in astronomy from Indiana University. Since 1986 he has been on the faculty of the University of South Carolina Lancaster, where he holds the rank of professor. His primary research interest is stellar astronomy, particularly concentrating on eclipsing binary stars. Dr. Faulkner has published nearly 75 papers in the astronomy literature, as well as in creation journals. He has published one book, *Universe by Design*. In addition to being a frequent speaker on topics dealing with creation and astronomy, Dr. Faulkner serves on the board of directors of the Creation Research Society and is an adjunct faculty member at the graduate school of the Institute for Creation Research in Santee, CA. He is married and has one son.

This event is FREE and open to the public.

CSF Meetings

CSF South

New Wine Harvest Church
268 Old Clairton Road, Pleasant Hills

No meeting in November

CSF North

November 14
Dr. Danny Faulkner
Geneva College, Beaver Falls, Pa.

Topic: *Universe by Design*

Big Problems with the Big Bang

By Bruce Malone

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It has been demonstrated both mathematically and experimentally that time is not a constant, but is dependent on the gravitational pull at the location where time is being measured. This concept was first proposed by Albert Einstein and is called gravitational time dilation.

Numerous experiments seem to indicate that this strange concept is true. For instance, time moves 5 microseconds per year slower at the Royal Greenwich Observatory (which is located at sea level) than it does at the National Bureau of Standards in Boulder, Colorado (which is 1 mile above sea level). Atomic clocks flown around the world in different directions seem to vary by the amount predicted by Einstein's equations. The direct result of this gravitational time dilation is that seemingly strange things happen to time near areas of space known as black holes.

A black hole is an area where matter is so concentrated that its gravity prevents even light from escaping. Indirect observations seem to indicate that several areas of our universe do indeed contain black holes. Black holes are so dense that they actually "bend" the fabric of space. In addition, time moves exceedingly slow at the boundary of the black hole. Thus, if you could move from the center of a black hole outward, while observing what was happening far away, it would appear that clocks and all natural processes were proceeding in rapid fast-forward. Although one has never been observed, Einstein's equations also predict the existence of "white holes". Instead of collapsing inward, matter (and space itself) would expand outward from a "white hole". When matter inside the white hole moves past the boundary, the boundary begins to shrink inward. Eventually the radius shrinks to zero and the white hole disappears, leaving behind all of the matter which it originally contained. However, the first material out would have aged millions or billions of years while the last material out may only have aged a matter of days.

Dr. Russell Humphreys¹ has proposed that this expansion of a "white hole" rather than the standard "big bang" theory is the method God used to create the universe we live in. Three effects should be apparent if this is how our universe formed. First, the expansion of space would have left a very uniform background radiation throughout the universe. Second, as space itself expanded, the light coming from stars (which formed as the matter moved out of the white hole) would be shifted toward the red end of the spectrum. Third, if the earth was close to the center of our universe, it would have been one of the last things to have emerged from the white hole. Billions of years would have elapsed for distant stars giving plenty of time for light from those stars to have reached the earth. These three observations are exactly what we find as we observe our universe!

From the moment that all the matter of the universe was created (day one of creation), until the earth emerged from near the center of the white hole (at which point stars would have appeared), it is quite mathematically feasible that only four 24-hour-days had passed on earth. Although this theory is quite controversial (and rejected out of hand by those who are committed to evolutionary development theories), this type of work demonstrates that there is not necessarily a contradiction between a six day creation and modern science.

1. Russell Humphreys, *Starlight and Time*, Master Books, 1994.

The Watchmaker

Check this out! You're in for a special treat. <http://www.kids4truth.com/watchmaker/watch.html>

AIG Research Paper Challenge 2007

Student aged 14–21 have the opportunity to win a \$50,000 scholarship to Virginia's prestigious Bible-based Liberty University where all undergraduate students are required to complete a semester course in creation apologetics taught from a young earth creationist perspective.

- Write a 1,500-3,000 word paper carefully researching the evidence for creation, referencing the new AIG book *Evolution Exposed* and at least one article from the Answers in Genesis website.
- Share your research paper with a student outside your family who does not hold a 6-day creation view and your pastor.
- Write a personal essay (up to 300 words) on how this project affected you and those you shared it with.

The deadline is April 16, 2007.

Four runners-up will receive laptops and other prizes.

More information is available on the AIG website including the official entry form at <http://www.answersingenesis.org/cec/research-paper-challenge> or www.ResearchPaperChallenge2007.com

Read a Good Book Lately?



If you have read a book on Creation Science or any book that discusses issues of origins and would like to provide a book review, CSF would be happy to hear from you.

Please submit your book review, 250 words or less, to bookreview@csfpittsburgh.org. Be sure to include your name along with your city and state.

Selected book reviews will appear in *Origins Insights* and/or our web site www.csfpittsburgh.org.

Creation Quotes

Democracy and individual dignity derive from the transcendent reality of a Creator. Take away the Creator, and we are at the mercy of the powers of the moment.

Ravi Zacharias in
"Light in the Shadow of Jihad"

The most beautiful system of sun, planets, and comets, could only proceed from the counsel and dominion of an intelligent and powerful Being.

Sir Isaac Newton

He telleth the number of the stars; he calleth them all by their names

Psalms 147:4

CSF Dues Coupon

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