We had a small crowd at the ARK banquet this year, but those who attended were treated to a ‘behind the scenes’ look at the powerful exhibits at the ARK Encounter and Creation Museum. Tim Chaffey is the content manager for the Attractions Division of Answers in Genesis. He has a Master of Arts degree in Biblical and Theological Studies, a Master of Divinity specializing in Apologetics and Theology, and a Master of Theology in Church History and Theology. All these degrees make him well qualified to be a key player in all the excellent Biblical archaeology and Biblical history content in the new exhibits that have opened up in the past couple years.

His talk for the banquet was titled “Researching Exhibits for the Ark Encounter and Creation Museum”. As he talked, it became clear that the team at Answers in Genesis takes extensive care in being accurate in every detail possible when creating their exhibits.

Before going into specifics on select exhibits, Tim first made clear that the ministry has three non-negotiables when it comes to their exhibits. 1) the Bible is God’s Word, inerrant, inspired, authoritative. 2) Claims in exhibits must be Biblical, 3) Teaching must be defensible, scientifically and historically.

For the rest of the talk, Tim then provided insights on the research that went on in producing 6 specific exhibits; 1) the number of animals calculated to have gone on the ark, 2) manuscript research to produce the “Beans” video, 3) Biblical Authority exhibit, 4) the Fearfully and Wonderfully Made and Borderland exhibits, 6) and even the research behind the artwork for the Christ, Cross, Consummation sections.

What research went into coming up with the number of animals that came on the ark? First was determining how much space was available on the ark. The ARK encounter was built based on the longer “royal” cubit (20.4 inches), producing over one million cubic feet of space available. Next Noah did not have to house anywhere close to the estimated 5+ million species alive today. No sea creatures were required, and it was concluded that no insects were required (ex. Gen 7:22, in-
Evolution – Violating fundamental laws of science at every Step
By Mark Jurkovich

What is evolution anyway? The simplest, and misleading definition is often given as “change over time”. But that is such a broad definition, it also fits for what happened to the animals God created after their kind. We see lots of change in each animal kind. Just look at all the myriad dog breeds, not to mention the wolf, coyote, jackal and all the other wild dogs. They all descended from one original dog kind pair, but they have never changed into anything other than another type of dog.

To grasp the full definition of evolution, one needs to understand that there are several different types of evolution, each of which must have taken place to explain the existence of everything in the universe without a divine being to create it. There are actually at least six kinds of evolution:

- Cosmic – big bang; origin of time, space, and matter
- Stellar – how stars supposedly formed
- Chemical – formation of all other elements from hydrogen and helium
- Organic – life originating from non-life
- Macro – one kind changing into another kind
- Micro – variation within a kind

Only the last kind, micro, has been demonstrated to be valid. But that is not evolution at all. Creationists also accept this process. But variation within a kind never builds up to the point of becoming a new kind (macro-evolution). Not only do each of the other steps have insurmountable obstacles to overcome, but they also all violate several fully accepted fundamental laws of science. I will briefly list here some laws that evolution violates.

Law of cause and effect/first cause – One definition I found states: “Every effect has a specific and predictable cause. Every cause or action has a specific and predictable effect.” What this means is that everything that happens in the universe today was caused by something else. But that something else was also the effect of a previous cause. The Bible reveals that first cause in its very first verse; “In the beginning God created…” On the other hand, evolution has a big problem with this. The big bang has no good answer to this law. Essentially it says “in the beginning there was nothing. Then it exploded into everything.” Some try to explain that it started with something they call a quantum fluctuation, but that is just so much hand waving with nothing to back it. The big bang violates the law of cause and effect/first cause.

1st law of thermodynamics – “also known as the law of conservation of energy, which states energy can transform from one form into another, but can neither be created nor destroyed within an isolated system.” When you expand this definition to the whole universe, it means the total amount of matter and energy in the universe is a constant. (Einstein showed us that matter and energy are interchangeable in his famous equation E=mc$^2$). As with the law of cause and effect, the supposed big bang completely violates this law.

2nd law of thermodynamics - This law essentially says that the amount of usable energy in a process will always decrease. Or to put it another way everything in the universe is gradually winding down or going from order to disorder. Man’s intelligence, with the proper application of matter and energy, can create order from disorder (ex. produce a car from raw materials). But the total amount of usable energy left decreased to create that order. This law means that no natural process can produce increased order. Evolution grossly violates this law time and time again! Stellar evolution requires order (a star) to spontaneously form from disorder (nebula/cloud of gas). Chemical evolution requires all elements in the periodic table to have formed from the two or three lightest elements. Biological evolution

(Continued on page 3)
of the utterly astounding complexity of all living things in the nearly 150 years since Pasteur’s work have only shown ever more conclusively that life cannot arise from nonlife. In spite of this, evolutionists still insist that life must have spontaneously arisen from nonlife at least once in the past. Evolution violates the law of biogenesis.

Law of information(?) - Dr. Werner Gitt is a world expert in Information Science. In his work *In the Beginning was Information* (available in book and DVD) he proposes that a number of laws can be logically “deduced from observations of the nature of information”. In this work, Dr. Gitt proposes at least 10 laws defining information science. The key one states: “Any given chain of information can be traced back to an intelligent source”. All living systems are packed full of information, and possess the necessary systems within them to process that information. In fact, DNA is by far the most complex information device in existence. This could have come from none other than a supremely intelligent source; an omnipotent, omniscient, omnipresent being. This being can be none other than the God of the Bible. Evolution violates laws of information science.

What do you call an event that happens which goes against the laws of ‘nature’? We call that a miracle. Creationists accept that God had to divinely make the universe using processes that were outside the standard laws that govern our universe. But evolutionists also believe in miracles with all these laws that had to be violated for evolution to be true. They just will not admit it.

Which requires blind faith? That all these steps of evolution really happened without any divine being, despite violating all these laws? Or the more logical conclusion that all these laws point to a divine being that had to bring everything into existence? “For since the creation of the world God’s invisible qualities—his eternal power and divine nature—have been
Faith-Based "Evidence" for Evolution
By Kevin Hadsall

As shared in Part 1 of the Evolution as "Science" Debate transcript, I challenged humanists on the Friendly Atheist Facebook page to provide observable examples of organisms that add brand new genetic information and functionality, such as an originally-blind organism evolving eyesight. Numerous humanists responded. In Part 1, Humanists CB and AC tried to respond with claimed evidences, but both claims were easily refuted. Humanist RW only responded with ad hominem attacks. In Part 2 of the debate transcript, I share comments from Humanist KY, along with my rebuttals.

As with Part 1 of 10, the Part 2 transcript portions are in topical order for clarity, but the posts are numbered to maintain chronological integrity. By the time I share Part 10 of this blog post series, I will have shared the entire debate script. Below is Part 2 of the Evolution as "Science" Debate..

7. KY: https://youtu.be/2X1iwLqM2t0
   https://youtu.be/OuqFUnqNYhg
   https://youtu.be/jVKZuSdu-bA
   https://youtu.be/IIEoO5KdPvg

8. KY:

[Note: comment numbers 9 through 31 will be addressed in subsequent posts. Comment numbers 32 and 33 were shared in Part 1]

34. Kevin: "KY, I will respond to each video individually:

Video 1: Richard Dawkins providing a "demonstration" of the evolution of the eye is not observable science. Dawkins never directly observed the evolution of any types of eyes. He is simply telling "stories" as to how various eye types supposedly evolved. Therefore, this fails to answer my question.

Video 2: How is this observable science? Who observed the animals and plants live, reproduce, and die? Nobody. They exist today as fossils, but nobody observed the life of the fossilized animals and plants to know if they even reproduced to make the supposed "transition" to another animal or plant kind. This is not observational science, but falls into the realm of historical science.

Video 3: Same comment as Video #2. I'm asking about observational science in my original question, not historical science. This is not relevant to the specific question that I asked in my original post. I'm asking for something that is truly observable, testable, and repeatable. Since neither you nor the evolutionary scientists lived the supposed millions of years ago to actually observe the life of these creatures, you are relying on faith, not observational science.

Video 4: The lines of "evidence" in this video commit many logical fallacies, especially the logical fallacy of affirming the consequent. One argument in the video says this:

1. If all forms of life on earth share a common ancestor, then we would expect to see anatomy similarity among various forms of life.
2. We see anatomy similarity among various forms of life.
3. Therefore, all forms of life on earth share a common ancestor.

That is not a logical proof though. It's similar to saying "if it is snowing, then it must be cold outside...it is cold outside...therefore, it must be snowing." Obviously, just because it's cold outside does not mean that it is snowing. I could use similar logic, though it would not be a "proof":

1. If all forms of life on earth were created and by a common Designer (the God of the
This great verse has been recited countless times by Israelites down through the centuries, setting forth their distinctive belief in one great Creator God. The Jews had retained their original belief in creation, handed down from Noah, while the other nations had all allowed their original monotheistic creationism to degenerate into a wide variety of religions, all basically equivalent to the polytheistic evolutionism of the early Sumerians at Babel. But along with its strong assertion of monotheism, there is also a very real suggestion that this declaration, with its thrice absolute oneness. The revered book called the Zohar, for example, even said that the first mention was of the Father, the second one the Messiah, and the third the Holy Spirit. The key word “one” (Hebrew achad) is often used to denote unity in diversity. For example, when Eve was united to Adam in marriage, they were said to be “one flesh” (Genesis 2:24). Similarly, on the third day of creation, the waters were “gathered together unto one place,” yet this gathering together was called “Seas” (i.e., more than one sea, Genesis 1:9-10).

Thus, Israel’s great declaration should really be understood as saying, in effect: “The eternally omnipresent Father, also Creator and Sustainer of all things, is our unified self-revealing Lord.”

The revered book called also setting forth the triune God. The name “LORD,” of course, is Yahweh, or Jehovah, the self-existing One who reveals Himself, while “God” is Elohim, the powerful Creator/Ruler. “Jehovah our Elohim is one Jehovah” is the proclamation. A number of respected Jewish commentators have acknowledged that the verse spoke of a “unified oneness” rather than an “absolute oneness.” The revered book called the Zohar, for example, even said that the first mention was of the Father, the second one the Messiah, and the third the Holy Spirit.

The key word “one” (Hebrew achad) is often used to denote unity in diversity. For example, when Eve was united to Adam in marriage, they were said to be “one flesh” (Genesis 2:24). Similarly, on the third day of creation, the waters were “gathered together unto one place,” yet this gathering together was called “Seas” (i.e., more than one sea, Genesis 1:9-10). Thus, Israel’s great declaration should really be understood as saying, in effect: “The eternally omnipresent Father, also Creator and Sustainer of all things, is our unified self-revealing Lord.”

Reprinted from “Days of Praise”, Institute for Creation Research, March 5, 2021

End note: In my undergraduate thermodynamics class in the late 1970s, I was pleasantly amazed when I came to end of the chapter on entropy in my textbook. The authors boldly included a small section on philosophical implications of the 2nd law of thermodynamics. Their final statement on the subject was: “However, the authors see the second law of thermodynamics as man’s description of the prior and continuing work of a creator, who also holds the answer to the future destiny of man and the universe.” I doubt if any publisher would let that slip through today.

Footnotes:
2- First Law of Thermodynamics - Definition (thoughtco.com)
3- Louis Pasteur’s Views on Creation, Evolution, Genesis of Germs | Answers Research Journal
4- Werner Gitt, In the Beginning was Information, Master Books, 2005.
5- https://creation.com/laws-of-information-1

Check out the updates to the ARK web site

Verses declaring God’s creation of the universe are scattered throughout the Bible. I have started compiling those verses here. Please let me know any verses that I am missing so I can add them.

www.arkfoundationdayton.org/creation_verses.aspx

Updated Creation Groups page. A great list of online resources, including physical creation museums around the country. Check it out and see if there are any museums near you when you travel.

www.arkfoundationdayton.org/creation_science_groups.aspx

The Christian groups links page, could be greatly expanded. But in the meantime, I cleaned it up some. If you know of any really good sites that could be added please let me know.

www.arkfoundationdayton.org/christian_groups.aspx

I am slowly converting my many newsletter articles into stand alone readings. Maybe someday I can compile them into a book? ☺

www.arkfoundationdayton.org/articles.aspx
sects do not breath through nostrils). Of the remaining animals, including extinct kinds, Noah still did not need every species. For the Bible repeatedly speaks of "after its kind", starting with creation week, and repeated in Genesis 7. Creation scientists have determined ‘kind’ most often relates to family, and sometimes genus, but never species. Whenever there was doubt on deciding whether two animals were of the same created kind, they always erred on the high side. The final calculation came to a max of just under 1400 kinds of animals God brought to Noah. Using this number, Tim said everything fit just right, including all food and provisions. He pointed out that this actually makes sense, that God would not have instructed Noah to build something much larger than needed.

Embedded with the graphic novel exhibit at the Ark Encounter is a great little video featuring Tim himself. If you have not seen it, you can view it online here. In the research for this video, Tim tried to track down for himself verification on the number of ancient manuscripts found. For example, he could not verify the Homer reference, so left it off the video. Continued research has changed the numbers used, so Tim plans on recreating the video with the new data which you can review here. Bottom line, the Bible is still by far the most validated book of its time by way of manuscripts available and how close in time are the oldest copies to the events they record.

One of the newer exhibits at the Creation Museum (see my article “Big Changes at the Creation Museum”, Volume 25, #4, Jan 2020, p.1) is the Biblical Authority exhibit. This exhibit contains more words by far than any other exhibit that came before it. It includes descriptions of archaeology that corroborates many Biblical accounts; including Joseph in Egypt, conquest of Jericho, house of David, name of Goliath, Assyrian’s unsuccessful siege of Jerusalem (Hezekiah), date of the book of Daniel, resurrection of Jesus, and people and places throughout Acts.

For the Fearfully and Wonderfully Made exhibit, they not only sought scientific accuracy, but also deep sensitivity to those who may have gone through a miscarriage or abortion. This included interviewing people from many walks of life including young women, OB-GYNs, and women from other cultures.

The last exhibit Tim talked about was not yet opened at the time of the talk, titled Borderlands. (I got to see it when I was there in July! 😊) This seeks to educate the reader on the culture of Jesus’ day; including the Greek backstory, Roman rule, domestic life, village versus city life, religions and religious factions, and the fall of Jerusalem. There is even more text to read than contained in the Biblical Au-

While I had respect for the quality of the exhibits at the Creation Museum and Ark Encounter before Tim’s talk, I have even more so now. You can be very assured that everything they present is well researched and gives glory to our Creator, Lord and Savior Jesus Christ.
How Old Is Space And The Universe?

“In the beginning God created the heavens and the earth.”

Answer: The “heavens and the earth” were created by God at the beginning, when He created time (Genesis 1:1) on Day One of the Creation Week. There is no word for “universe” in Hebrew, which is the language of the Old Testament. But when “heavens” and “earth” are used together like this, it means the whole of creation, which includes the universe (and space).

God created the universe on Day One and Adam on Day Six. When we add up the genealogies in the Bible from Adam to Abraham in Genesis 5 and 11, it comes to about 2,000 years. Most people agree that Abraham lived about 2,000 B.C., which is approximately 4,000 years ago from today. So we know the universe is around 6,000 years old.

Some try to say the age of the universe is 13–15 billion years! This date comes from people who make assumptions about the past and ignore the Bible’s account of creation. You can either trust an all-knowing, perfect God about His creation, or you can trust imperfect people’s guesses about the past. God is always right, and if people ever disagree with God’s Word, then they are the ones who are wrong. God and His Word are trustworthy and true from the very first verse.

ARKY’s Calendar of Events
(as of 8/1/21)
See more details and complete list at
http://www.arky.org/current/index.htm

*Aug 9, 7:00 pm to 8:35 pm. The Rocks Cry Out: parts 1 & 2 with Bruce Malone at Faith Christian Fellowship. We will look at the first two parts of an 18 part series on how science confirms the Bible. Lesson 1 - Science Testifies to Creation: All major scientific disciplines are filled with evidence that confirms we have a Creator Lesson 2 - The Red Record: Even ancient cultures confirm the historical accuracy of God’s Word.

Aug 12, 2:30 pm to Aug 14, 7:00 pm. Great Homeschool Conventions - Ohio with Joel Tay at Duke Energy Convention Center, 525 Elm St, Cincinnati, OH. Ph: (937) 256-ARKY. Joel Tay of Creation Ministries International will be serving at this convention.

Aug 28, 7:00 pm to Faith And Friends Radio’s 10th Anniversary Concert with Mark Lowry at Princeton Pike Church of God, 6101 Princeton-Glendale Rd, Hamilton, OH. Ph: (937) 233.2484.

Sep 10, 7:00 pm to Strong Tower Christian Media 60th Anniversary Performance with Matthew West and Michael Jr. at Cedarville Univ., Dixon Ministry Center, Cedarville, OH. Ph: (937) 591-1525.

*Sept 13, 7:00 pm to 8:35 pm. Joshua’s Conquest with Jim Scudder, Jr. and Scott Stripling at Faith Christian Fellowship. Parts 1 & 2, Jericho and Ai. Have you ever heard someone ask these questions: "Can I trust the Bible? Is it 100% accurate? Doesn't archaeology disprove the Bible?" In this exciting 4-part DVD series Jim Scudder, Jr. and Archaeologist Scott Stripling take you through the remnants of Joshua’s conquest in Israel to show you how archaeology actually proves the accuracy of the Bible.

Oct 2, 10:00 am to 5:00 pm. Chocolate Festival with Speakers at Montgomery County Fairgrounds Event, 645 Infirmary Rd, Dayton, OH. Ph: (937) 233.2484. Hosted by Faith and Friends Radio. Email inquires to: info@faithandfriendsradio.com

*Oct 11, 7:00 pm to 8:35 pm. Joshua’s Conquest with Jim Scudder, Jr. and Scott Stripling at Faith Christian Fellowship. Parts 3 & 4, Mt Ebal, the mount of cursing; and Shiloh site of the tabernacle. In this exciting 4-part DVD series Jim Scudder, Jr. and Archaeologist Scott Stripling take you through the remnants of Joshua's conquest in Israel to show you how archaeology actually proves the accuracy of the Bible.

*Nov 8, 7:00 pm to 8:35 pm. The Rocks Cry Out, Parts 3 & 4 with Bruce Malone at Faith Christian Fellowship, 1778 Grange Hall Rd. [~1/4 mile north of Dayton-Xenia], Beavercreek, OH. Ph: (937) 256-ARKY. Part 3: Science Testifies to Creation. The mechanisms of evolution cannot explain the design of life. Part 4: Noah’s Flood and Geology. Overwhelming evidence that our globe has been deluged by a world-covering flood.

Monthly meetings are also available in Marysville, OH. “In The Beginning” Meeting Schedule at Living Hope Church, 16701 Square Drive; Marysville, OH’ 4th Sunday each month (except December) at 6:00 PM

Contact Steve McConaughy 419-450-2483
August 22—Archaeological Evidence for the Bible (DVD) Brian Edwards
September 26—God’s Girders (DVD) Dr. David Menton
October 24—Genesis Impact: Do Natural History Museums Display the Truth About Origins? (DVD)
November 28—The Human Body: Divine Engineering (DVD) Dr. Randy Guliuzza

Note Asterisk (*) Indicates regular ARK meeting at Faith Christian Fellowship, 1778 Grange Hall Rd, Beavercreek, OH 45432. Located about a quarter mile north of Dayton-Xenia Road. Ph: (937) 256-ARKY.

The ARK monthly meeting is every 2nd Monday of the month.

Membership NOT required to attend meetings! - Get the latest "CURRENT EVENTS" on the web at http://www.arky.org.
Financial Statement 2021
Balance 1/1/21 $43,144.63

Receipts
Memberships /Newsletters 335.00
Donations 3,536.00
Kroger Promotion 77.08
Misc 5.00
ARK Speaker Gifts 0.00
Projects 0.00
Special Events /Banquet 0.00
Equipment Sold 0.00
Reimbursed 0.00
Non-Tax Sales 0.00
Total 3,953.08

Disbursements
Newsletter/CC 0.00
Web 307.88
Equipment 0.00
Speaking/Events 200.00
Tithes&Gifts 0.00
Reimbursed 0.00
Advertising 0.00
Library 0.00
Lease 1,200.00
Exhibiting 0.00
Office 91.27
Telephone 349.04
Supplies 16.99
Insurance 0.00
Professional Fees 50.00
Misc. 133.20
Total 2,348.38

Balance 6/30/21 44,749.33

Is it time for you to renew?
Please check the date on your membership card or above your name and address. If the date has passed or coming up soon, please renew today.

Be an ARK Supporter!
Name:______________________________________________________
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City, St. ZIP:_________________________________________________
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Church:________________________________________________________________
City:_________________________________________________________
Membership Amount: $______________
Gift Amount : $______________
Total Enclosed: $______________
Membership(check one): One Spousal Family
ARK individual membership is only $25/year ($30 couple, $40 family). To receive this newsletter quarterly for free, please complete the address form and put "Jesus" in amount. (Please include mailing label, if you are renewing.) Make checks to: ARK Foundation of Dayton, Inc.

ARK Supporter Benefits
1. Tri-annual newsletter: ARK members receive news and insightful articles;
2. Creation Museum Passes: Several ARK members have made their passes available for use by other ARK members and their guests. FOR FREE;
3. National support: 10% of supporters’ general donations is given to Answers in Genesis, our voluntary support for a national Biblical creation science organization;
4. Webpage: www.arky.org provides logical, Biblical information to a world saturated with an unbiblical, ill-suited naturalism for the needs of people;
5. Monthly ARK meetings: interesting speakers or DVD program on a variety of subjects, provided FREE to the community;
6. Major speaker programs: sponsored into the area or promoted by ARK;
7. Local ARK speakers: available for community and church events;
8. Encouragement and Answers: for belief in the Biblical Creator;
9. Leadership training: periodically opportunity to learn how to serve in your church or school or study group;
10. Public materials: make available Creation resources – books, audios, and DVDs to public;
11. HELPING US IN PROMOTING THE TRUTH OF SCRIPTURE FROM FIRST VERSE TO THE LAST; and that true science is consistent with God’s Word.
Guest passes available for the Creation Museum!

Have you been to the Creation Museum lately? If it has been more than 2 years, a lot has changed! About the first third was changed in the fall of 2019, and two brand new exhibits have opened since then, “Fearfully and Wonderfully Made” and “Borderlands” (see article on page 1 for more information).

Come out and see it for free! A number of ARKy members have made their guest passes available on loan to anyone who would like to attend. Let us know of your desire to borrow some passes through email (arkfoundation@arky.org), or phone (937-256-ARKY (2759)).

Information required:
- Date(s) needed
- approximate number of passes needed
- Name, address, phone of person making the request
- organization going (if applicable)

Please make your request at least two weeks in advance of need date.

We will arrange to either mail the passes to you or set a meeting time to pick up the passes from the ARK office (1255 N Fairfield Rd, Suite 3, Beavercreek OH, 45432).

If you have Creation Museum guest passes that you are willing to loan out, please let us know. And if you are willing to leave them at the ARK office, or make them available ‘on demand’. Note: We had 4 groups use the passes in July with around 60 guests making use of them!

Big DVD Giveaway!

The Coopers are downsizing and have given away many DVDs in the process. Selection includes lots of great classic TV shows, movies, Creation, Christian, history and patriotic topics; including some complete series!

Come to the next ARK meeting on August 9th to take your pick. First come first served. Or you can call the ARK phone (937-256-2759) to make an appointment to pick through them at the ARK office.

Preview available selections at this link to the ARK web page.
http://www.arkfoundationdayton.org/dvd_giveaway.aspx