Summary

The evidence of God is overwhelming when viewed in the different disciplines of science.

Evolution - Mutations are the fuel for evolution. Over the last 3.5 billion years an estimated 10^{44} mutations have occurred in all of life. Just to get one protein we statistically need 10^{355}. There are 160,000 distinct proteins in the Protein Database, at least 8 million total proteins recorded in the genome of all life.

This is the equivalent of saying you could launch Saturn V into orbit with a gram of fuel instead of the 950,000 gallons required. Evolution by mutation is statistically impossible, it had a conscious force behind it.

Abiogenesis - Even if an RNA world existed in the first billion years of the earth, it is going to be far less efficient than cells in creating proteins. Our first fossil is bluegreen algae, a minimum of 1600 proteins. That would require 10^{355} x 1600 chances. Abiogenesis is statistically impossible.

DNA is a complex 4 letter programming language that is far more advanced than any computer language that we have made. It has the ability to make multiple proteins from one gene, repair itself in several different complex ways and turn genes on and off depending on age and environment. The chances of all of this coming from an unintelligent system are zero.

Physics consists of the laws that are so precise they are impossible to happen by chance. Roger Penrose, a famous Oxford mathematician, gives this chance as 1 in $10^{10^{123}}$ or written out:
1 in $10^{1000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000}$

Astronomy - The universe expands over 90 billion light years in a fraction(10^{-32}) of a second, and stops at exactly the right place, with the mass so precise if there were more molecules equal to 1 dime then it would have contracted back to a black hole. The cosmological constant is so precise (1 in 10^{120}) that if it was different by even a tiny fraction of the gravitational pull of an atom, it would have contracted to a black hole.
These are just a couple of the conditions needed for us to exist, there are well over 200 parameters that are too exact to be coincidental

Mathematics - 1.618 is the golden ratio that is used to engineer the quantum world, the laws of physics and DNA. It is used as a major design template in bodies throughout life. Our mind is programmed to recognize this ratio, seeing it as beauty and proportional. It is referred to as the "signature of God" because it is found in so many disciplines of science.
The Fibonacci Sequence is used for spirals in space, waves, hurricanes, shells, plants, etc... From the laws of physics to the DNA of life.
Fractal equations(like $Z = Z^2 + C$) are used to define objects in physics and is used by DNA to program shapes in life that seem random but follow an orderly system.
The only explanation for these basic formulas being used in different disciplines with no correlation, like the laws of physics and DNA, is that the same being created the quantum world, atoms and programmed the DNA for life.

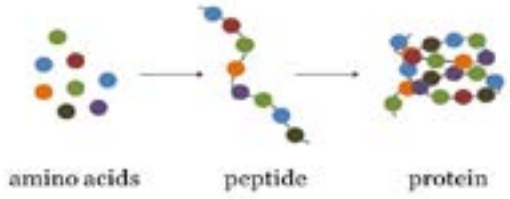
Psychology - Scientific studies have shown that:
- All humanity has the same universal moral code.
- We have a consciousness that is separate from our physical brain.
- People who die have consistent conscious experiences after the brain is dead. Even people born blind describe in detail what they saw when leaving their body when they have never seen anything before.

These are consistent with a created being that is spiritual in nature.

Abiogenesis and Evolution

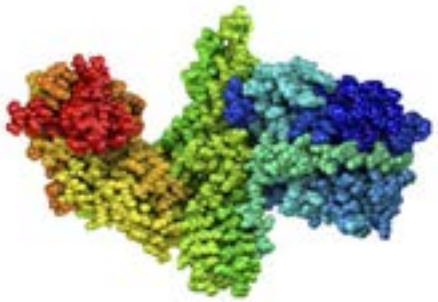
The problem with abiogenesis and evolution is that they are mathematically impossible.

Evolution is driven by mutations, which allegedly create new proteins. But, the rarity of proteins destroys any possibility of mutations being the mechanism for creating new proteins.



Proteins are the basis for all life, they do the work that is required to make the cells operate. They are made up of strings of amino acids (polypeptides) that can vary from 20 to over 36,000 in length, folded into the correct shape to interact with each other. There are 20 standard amino acids in life.

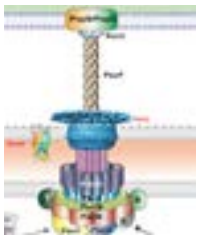
On average a protein will interact with at least a dozen other proteins to perform a function. Functions such as: feeding, repairing, removing waste, transportation, reproducing and specialized tasks. They all must fit together perfectly and be energized to do their task. There are only an estimated 4,000 different shapes that allow for protein to protein interactions. Because of this, only a small fraction of these polypeptides will be usable in life as a protein.



The average protein must fit precisely with a dozen different proteins to accomplish it's function.

An average sized protein for archaea organisms is made up of a chain of 283 amino acids, this makes over 10^{368} possible variations that those amino acids can be arranged.

Estimates for how many different variations of proteins exist vary from 10 million to 10 trillion(10^{13}). Even using the largest number of 10^{13} means that the odds of getting an protein is 10^{13} in 10^{368} or simplified to 1 in 10^{355}.



To estimate total mutations that have occurred on earth:

- *3.5 billion years with 5 x 10^{30} organisms on earth*

- *1 hour reproduction rate*

- *3 mutations per generation (which is 1000 times more than the actual .003)*

3.5 bil. years x 8760 hours in year x 5 x 10^{30} organisms x 3 mut. = 4.6 x 10^{44} total mutations

4.6 x 10^{44} mutations doesn't even come close to the 10^{355} tries for even **ONE PROTEIN**! Explaining the 160,000+ proteins, recorded at the Protein Database, with a process that cannot even produce 1 protein shows the intrinsic failure of the theory of evolution by mutation.

Abiogenesis

The first life we have in the fossil record comes on the scene very shortly after the earth has formed and cooled, bluegreen algae, which has a minimum of 1600 proteins. That would require 10^355 chances x 1600 proteins, totaling 10^568,000 tries to get this very basic life. There are only 10^80 atoms in the universe. Even if all these atoms were made into amino acids, then all of them combined in different configurations 1 billion times per second, it would take over 10^258 years to produce just 1 protein.

Abiogenesis is statistically impossible, it is absolutely ludicrous to attribute life to chance. The first cell had an unbelievable complexity that would require an intelligent engineer to produce it. There is no theory, including the RNA or PNA world that can explain away this impossible mathematical scenario.

How proteins work together: Video 1 Video 2 Video 3 Video 4

Fossil Record

The punctuated equilibrium theory comes closest to acknowledging the actual fossil record. It states that most of the change is abrupt, with long periods of stasis(no change), and then abrupt change or extinction.

It was proposed by two of the foremost experts in paleontology, Niles Eldridge and Stephen Jay Gould, but it was not well received by other evolutionists because it runs contrary to their ideology of slow and gradual change. It destroys the foundation of Darwin's theory, in his own words, "Natural selection acts only by taking advantage of slight successive variations; she can never take a great and sudden leap, but must advance by short and sure, though slow steps."

It is now widely accepted because it does reflect the fossil record most accurately. This further affirms that a creator made the life forms that we have today, over time, using the genetic material from previous generations. Evolution could never make these jumps to new life forms with the many different proteins and functions it would require when it can't even produce one new protein.

The only way the fossil record proves evolution is if you make the assumption that evolution is true and then you look at every life form as a transitional fossil. This is circular reasoning, no different than a person believing that a religious book is true because that book tells them it is true.

Paleontology is another proof of a Creator, showing how this planet was terraformed over time with different ecosystems to eventually make a place suitable for humans and allow for the modern life that we have today.

Vestigial Organs: As many as 180 organs have been listed in the past as useless leftovers from ancestors. Most, if not all of these, have been found to have a purpose.

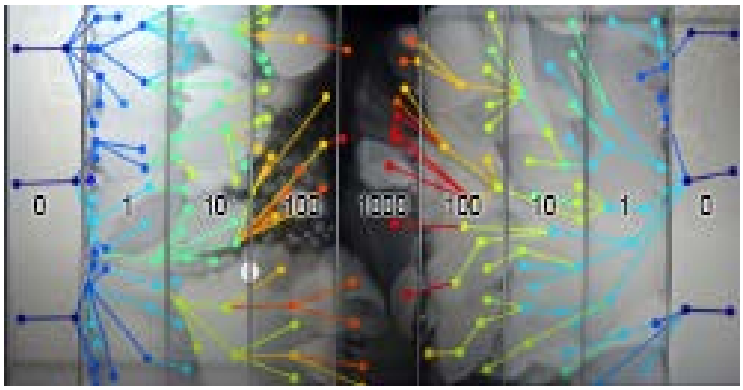
The bigger question is, if evolution constantly creates new functions, where are they? We should have many useless features of anatomy that natural selection is trying out, but we see none. It is going to take many trials of things that don't work, to get any that do. In the millions of species we don't see a single new non working function being tried out by evolution. There really is no explanation for that.

Antibiotic Resistance is also considered proof of evolution, until you look at the 3 reasons why they become resistant.

#1 -Efflux Inhibitors: The efflux pump is in the wall of the cell and removes the antibiotic before it can disrupt the cell. This is an ancient set of genes that were around long before man made antibiotics. The efflux system can be over-expressed, making many pumps to detoxify the cell even more, but it also exports nutrients and molecules that regulate enzymes.

#2 -Degrading Proteins: The bacteria will produce an enzyme called beta-lactamase that will deactivate the beta-lactam (from fungi) in penicillin, rendering it useless. The DNA for beta-lactamase is also of ancient origin, known to exist long before the Cambrian explosion in bacteria.

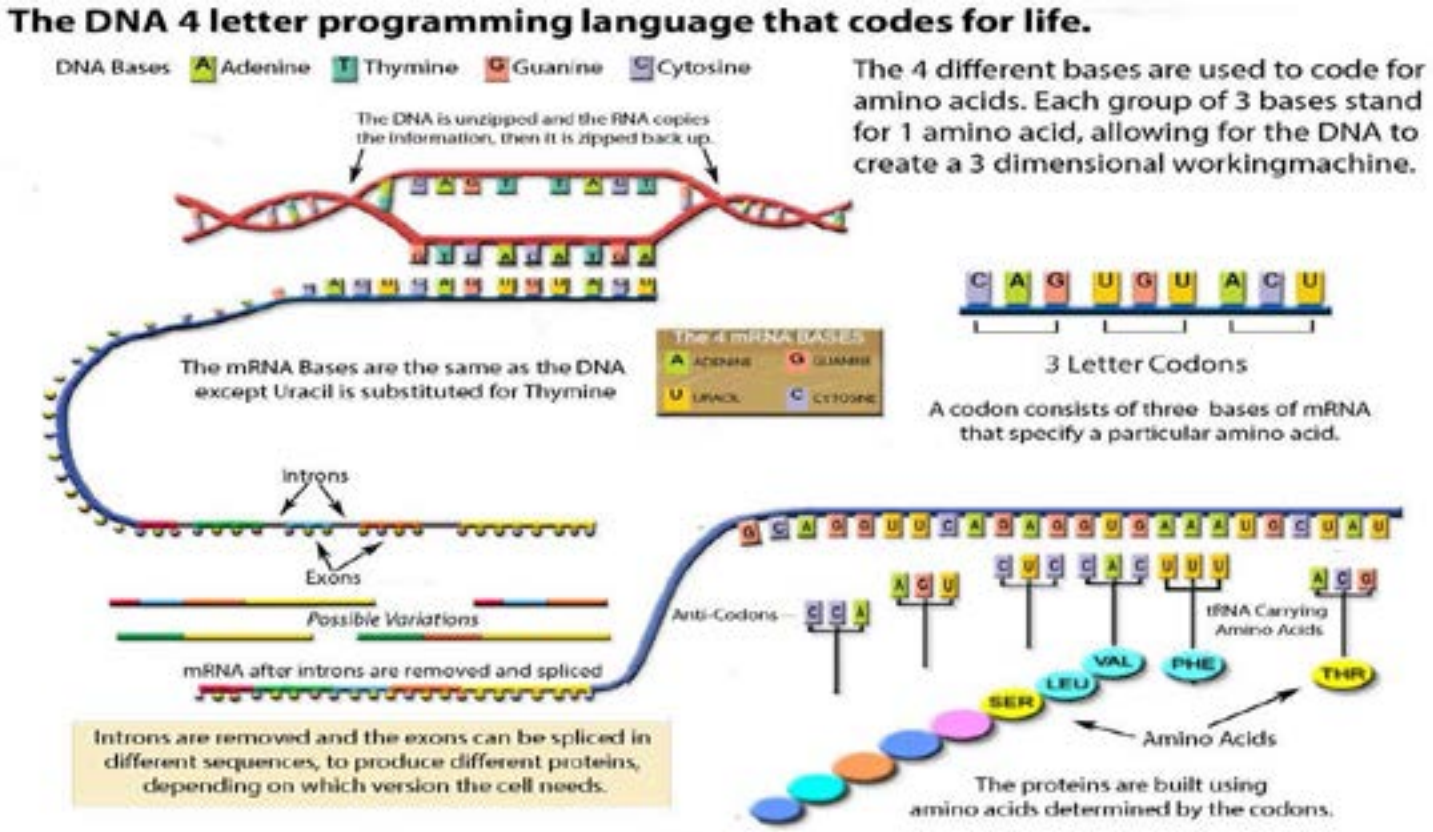
#3 -Mutated Protein: A mutation can occur that changes the protein enough that the antibiotic can not bind to it, but still allows for it to do it's job to a lesser efficiency. This allows for further production of the cell, but it loses much of its viability.



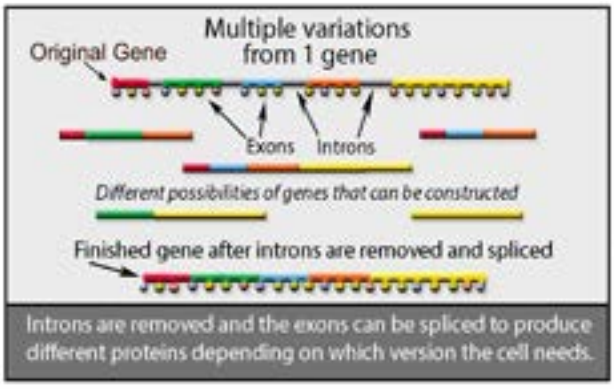
All of these mutations give the bacteria a serious disadvantage. In this experiment by Harvard Medical School the black numbers represent how much antibiotic was added to the columns of the petri dish. Notice how the mutations allow the bacteria to grow into the next section, but each section is more sparse. This shows that the first section 0, the original design, is more full and robust than the mutants. When the mutants are placed back in a normal environment they are outperformed by the original "wild" type.

Genetics

DNA is a complex 4 letter programming language. The code uses 20 different amino acids to produce the proteins that make life possible. Microsoft even made a programming language "DNA Strand Displacement (DSD)" for designing and simulating computational devices made of DNA. In the words of Bill Gates, "*DNA is like a computer program but far, far more advanced than any software ever created.*"



The DNA language for all of life produces a known 8,000,000+ proteins. This would require $10^{40,000}$+ mutations to achieve this number with no engineer. Not even remotely possible that this would happen by chance. Even the directed, natural selection part of evolutionary theory cannot put a dent in these impossible odds.

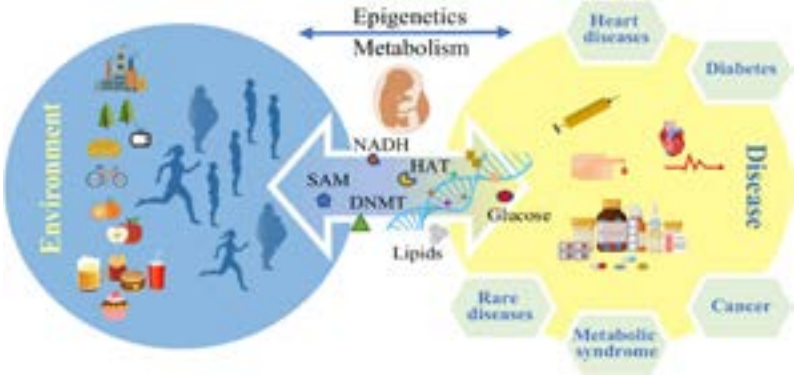


To further complicate things, Eukaryotic cells produce, on average, 5 or 6 different proteins per gene. Which protein will be produced is determined by different stimuli on the organism including temperature, stress, light, age, etc..

The cell tells the nucleus the exact proteins needed, they are produced in just the right amount, too much or too little will result in cell death. Then, they are transported precisely where they are needed.

The Drosophila DSCAM gene has 38,000 possible protein combinations, yet the correct protein is made as needed by the cell. This is an amazingly complicated part of the DNA code processing mechanism.

Epigenetics turns genes off and on, depending on outside stimuli and age. The switches can even be inherited by offspring to help survive in the parents environment. This complex system is ingrained into the coding language.



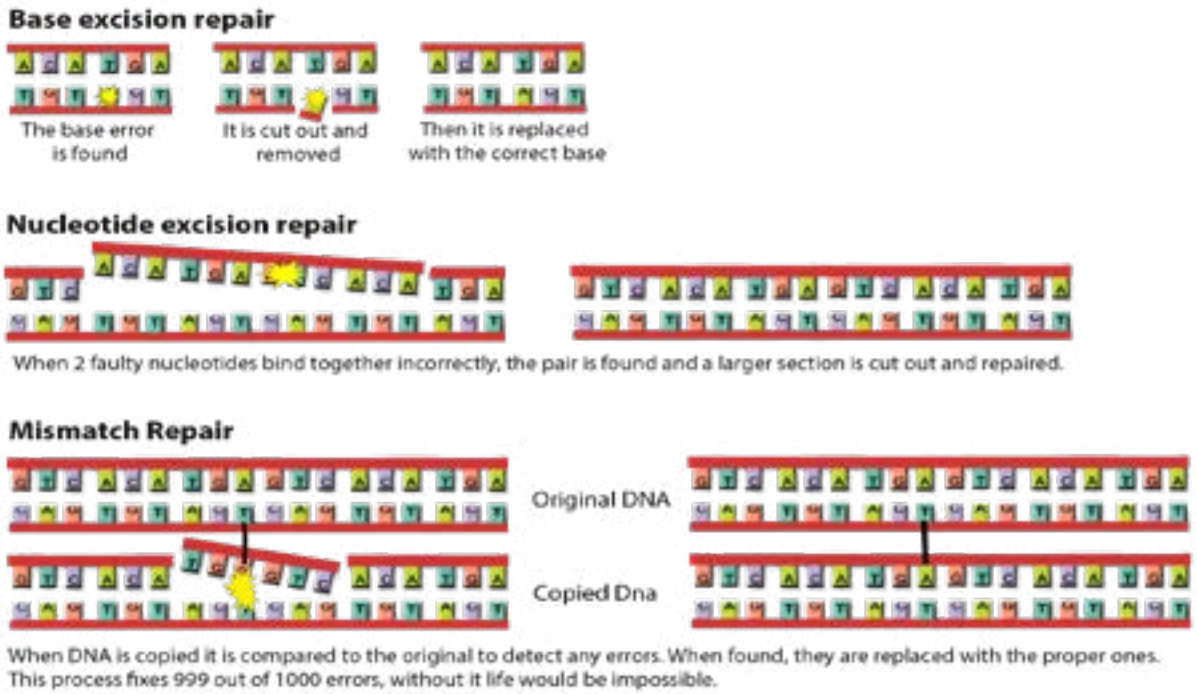
DNA Repair

A sophisticated repair mechanism came about with the first cells. The discovery of the cell's ability to repair DNA adds greater complexity to genetics. A 2015 Nobel Prize was given to Paul Modrich, Tomas Lindahl and Aziz Sancar for their work on this. The three different types of repair they identified are:

- base excision repair
- nucleotide excision repair
- mismatch repair

Each of these systems are necessary for the propagation of life as they reduce mutations by a 1000 fold.

DNA is far too fragile and prone to mistakes, you wouldn't even have made it to a fetus without these repairs going on in your cells. These repair mechanisms are monitoring genes, continually proof-reading and repairing damaged ones. The systems are programmed to:
Find which genes are broken, remove them, then replace them with the right genes



To imagine this complex repair system as an unguided addition to the cell is unimaginable. Remember that this is essential to maintaining the integrity of the DNA, so it would have to be around from the earliest cell.

Antony Flew, one of the most famous atheists, became a believer in God because of DNA:

"*I now believe there is a God...I now think it [the evidence] does point to a creative Intelligence almost entirely because of the DNA investigations. What I think the DNA material has done is that it has shown, by the almost unbelievable complexity of the arrangements which are needed to produce life, that intelligence must have been involved in getting these extraordinarily diverse elements to work together.*"

Physics

We take for granted the laws that allow our universe to exist in it's present form. There is no reason why they exist as they do, there is an infinite number of possibilities that they could be set to. But, it just so happens that they are set to precisely the specifications that are needed for us to exist.

The laws that allow all of this to happen are so precise that it is impossible to attribute this to chance. Roger Penrose, a famous Oxford mathematician, (interview) gives this chance as 1 in $10^{10^{123}}$ or written out: 1 in $10^{1000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000}$

This number is so large that it could not even be written out if you used all of the electrons and protons in the universe as zeros. There is no possibility of blind chance being the author of these laws. Here are some of the fine tuned constants necessary for our existence.

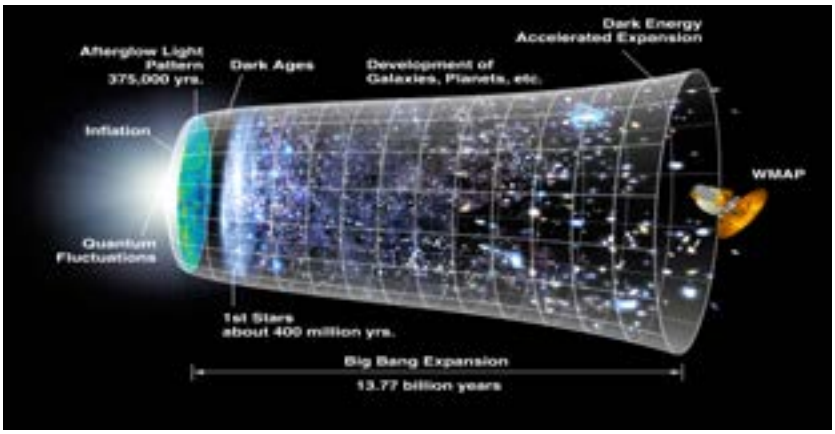
Conditions	Plus	Minus
Strong nuclear force	only hydrogen	no hydrogen
Weak nuclear force constant	too much heavy elements by stars but no expulsion	too little heavy elements from stars with no expulsion
Gravitational force constant	stars would be too hot and would burn up quickly and unevenly	stars too cool for nuclear fusion, thus no heavy element production
Electromagnetic force constant	elements larger than boron unstable	insufficient chemical bonding
Ratio of electromagnetic force constant to gravitational force	no stars less than 1.4 solar masses,short and uneven burning	no stars more than 0.8 solar masses, no heavy elements
ratio of electron to proton mass	insufficient chemical bonding	insufficient chemical bonding
ratio of number of protons to number of electrons	electromagnetism dominates gravity, no galaxy, star, and planet formation	electromagnetism dominates gravity, no galaxy, star, and planet formation
velocity of light	stars would be too luminous	stars would not be luminous enough
decay rate of the proton	life would be exterminated by the release of radiation	insufficient matter in the universe for life
decay rate of 8Be	heavy element fusion generates catastrophic explosions in stars	no element beyond beryllium, no life chemistry possible
mass excess of the neutron over the proton	neutron decay leaves too few neutrons to form the heavy elements	proton decay causes stars to collapse into neutron stars or black holes
initial excess of nucleons over anti-nucleons	too much radiation for planets to form	not enough matter for galaxies or stars to form
polarity of the water molecule	heat of fusion and vaporization would be too great for life to exist	water too inferior of solvent for life; ice would not float, runaway freeze-up
mass of the neutrino	galaxy clusters and galaxies will be too dense	galaxy clusters, galaxies, and stars will not form
uncertainty magnitude in the Heisenberg uncertainty principle	oxygen transport to body cells too great; life elements unstable	oxygen transport to body cells too small; life elements unstable
size of the relativistic dilation factor	certain essential life chemistry reactions will not function properly	certain essential life chemistry reactions will not function properly
number of effective dimensions in the early universe	quantum mechanics, gravity, and relativity could not coexist	quantum mechanics, gravity, and relativity could not coexist
number of effective dimensions in the present universe	electron, planet, and star orbits would become unstable	electron, planet, and star orbits would become unstable

From: *Big Bang Refined by Fire* by *Dr. Hugh Ross, 1998*

Astronomy

The Inflationary Theory states that the universe immediately expanded close to the size it is now, 93 billion light years diameter, in a fraction(10^{-32}) of a second, that is .0000000 00000000000000000000001 of a second

So, all of the matter that now exists, making up the billions of galaxies and sextillions of stars, was flung billions of light years faster than you can blink! In just the right place, with just the right density, and just the right laws, and it just happened by accident?



Credit: NASA / WMAP Science Team

To illustrate just how precise these numbers are, the mass density of the universe at 1 in 10^{59} means that if the volume of just 1 dime was added to the universe then it would have contracted back to a black hole.

The Cosmological Constant is the number added to Einstein's equations to represent the energy density of space. The force responsible for the observed acceleration of the universe. It is so precise, 1 in 10^{120}, that if it is off by only a tiny fraction of the gravitational pull of an atom(10^{80} atoms in universe), then the universe would not exist.

Conditions	Odds
Expansion Rate of Universe	1 in 10^{55}
Mass Density of Universe	1 in 10^{59}
Cosmological Constant	1 in 10^{120}

These kind of exacting values show that the universe was engineered, to say this could have occurred by chance is illogical.

Conditions	If Larger	If Smaller
expansion rate of the universe	no galaxies	universe collapses
big bang ripples	universe collapses too quickly	galaxies will not form; universe expands too rapidly
entropy level of the universe	no star condensation	no proto-galaxy formation
mass density of the universe	stars burn too rapidly	too few heavy elements
ratio of exotic matter to ordinary matter	universe would collapse	galaxies would not form
average distance between galaxies	insufficient gas for galaxy star formation	sun's orbit would be too radically disturbed
galaxy cluster type	galaxy collisions would disrupt solar orbit	insufficient gas for star formation
average distance between stars	no rocky planets	planetary orbits would become destabilized
supernovae eruptions	too close, too frequent or too late: radiation exterminates life	too far, too infrequent, too soon: no formation of rocky planets
white dwarf binaries	too many: life on earth exterminated	too few: insufficient flourine for life
" "	too soon: lack heavy elements for flourine production	too late: flourine not in protoplanet

A partial list of other variables in the universe necessary for life to exist. From: *Big Bang Refined by Fire by Dr. Hugh Ross, 1998*

Earth

With at least 154 specific requirements needed for life, the odds are against even one planet suitable for life out of the 700 quintillion planets in the universe. Here is a partial list of the parameters needed for life on Earth:
For a video explanation with graphics click here.

Conditions	Plus	Minus
distance from parent star	planet would be too cool	planet would be too warm
axial tilt	temperature differences would be too great	temperature differences would be too great
surface gravity (escape velocity)	atmosphere retain too much ammonia and methane	atmosphere would lose too much water
rotation period	day temperature differences would be too great	atmospheric wind velocities would be too great
planet age	planet would rotate too slowly	planet would rotate too rapidly
magnetic field	lightning too severe; inhibit adequate cloud formation	ozone shield inadequately protected
thickness of crust	crust aborbs too much oxygen	volcanic and tectonic activity would be too great
albedo (ratio of reflected light to total amount falling on surface)	runaway glaciation would develop	runaway greenhouse effect would develop
asteroidal and cometary collision rate	too many species would become extinct	crust would be too depleted of materials essential for life
mass of body colliding with primordial Earth	Earth's orbit and form would be too greatly disturbed	Earth's atmosphere would be too thick; moon would be too small
timing of body colliding with primordial Earth	sun would be too luminous at epoch for advanced life	Earth's atmosphere would be too thick; moon would be too small
oxygen to nitrogen ratio in atmosphere	advanced life functions would proceed too quickly	advanced life functions would proceed too slowly
carbon dioxide level in atmosphere	runaway greenhouse effect would develop	plants would be unable to maintain efficient photosynthesis
water vapor level in atmosphere	runaway greenhouse effect would develop	rainfall would be too meager for advanced life on the land
atmospheric electric discharge rate	too much fire destruction would occur	too little nitrogen would be fixed in the atmosphere
ozone level in atmosphere	surface temperatures would be too low	too much uv radiation at the surface
oxygen quantity in atmosphere	plants and hydrocarbons would burn up too easily	advanced animals would have too little to breathe
nitrogen quantity in atmosphere	too much buffering of oxygen for advanced animal respiration	too little buffering of oxygen for advanced animal respiration
seismic activity	too many life-forms would be destroyed	nutrients on ocean floors not recycled; insufficient CO2
volcanic activity	advanced life would be destroyed	lack of CO2 and water vapor; soil loses minerals
oceans-to-continents ratio	diversity and complexity of life-forms would be limited	diversity and complexity of life-forms would be limited
global distribution of continents	if too much in the southern hemisphere: seasonal differences would be too severe for advanced life	
frequency and extent of ice ages	planet inevitably experiences runaway freezing	insufficient valleys and minerals for diverse life forms
soil mineralization	diversity and complexity of life-forms would be limited	diversity and complexity of life-forms would be limited
gravitational interaction with a moon	tidal effects too severe	nutrient recycling lacking; magnetic field too weak

From: *Big Bang Refined by Fire by Dr. Hugh Ross, 1998*

Chemistry

The universe is fine tuned to give us our current elements. If the parameters were even slightly different then we would have too few elements for the mechanics of life to work, or we would have too many heavy elements that would cause the universe to collapse before life could exist.

Amino acids are made of the elements carbon, hydrogen, nitrogen, and oxygen. These are the only elements that can handle the nuances required to perform the tasks of proteins. Bonds that are not too weak or strong, they can hold on when needed and then release at the right time.

Carbon being the most important of all, because it can hold long chains, yet the bonds are not too strong to be deconstructed and rearranged again. It is the quintessential element needed for life, no other element has the properties to do the work required in living organisms. Many of the other elements are essential for life, especially a good portion of the metals.

The reason these elements exist is because of parameters like:

- The strong nuclear force dictates the fusion of hydrogen in the sun, converting .007 of the mass into energy.
  At .006 we would have only hydrogen in the universe, at .008 we would have no hydrogen left in the stars.

- The ratio of electromagnetic force to gravity has to be fine tuned to 1 part in 10^{40}.

- The electron to proton mass maximum deviation is 1 in 10^{37}.

There are more factors determining the elements in chemistry, if any were changed, life would be impossible.

Conditions	Plus	Minus
strong nuclear force constant	no hydrogen would form	only hydrogen would form
weak nuclear force constant	too many heavy elements: no life	not enough heavy elements: no life
gravitational force constant	stars too hot and burn unevenly for life chemistry	stars too cool to ignite nuclear fusion; many elements for life chemistry never
electromagnetic force constant	elements larger than boron unstable	chemical bonding would be too weak
ratio of electron to proton mass	chemical bonding insufficient for life	same: chemical bonding insufficient for life
decay rate of protons	life exterminated by radiation	insufficient matter for life
ratio of neutron mass to proton mass	too few neutrons for many life elements	neutrons collapse all stars into black holes
polarity of the water molecule	heat of vaporization too high for life	heat of vaporization too low for life; ice would not float, runaway freeze-up

Mathematics

Simple formulas make up the order and structure of the world around us. Ratios and Equations such as:

1.618 - A ratio used in Quarks, Atoms, Astronomy, Biology, Genetics, Psychology, Music, Etc...

Fibonacci Sequence - Basis of 1.618 ratio that is used in Phyics and Biology to create spiral shapes.

Fractal - Used in physics, biology and other sciences to create seemingly random things that create a pattern.

The Fibonacci Sequence is a sequence of numbers adding the last two numbers to produce a sum, and then repeating the process.

1 + 1 = 2
1 + 2 = 3
2 + 3 = 5
3 + 5 = 8
5 + 8 = 13
8 + 13 = 21
13 + 21 = 34
21 + 34 = 55
34 + 55 = 89
55 + 89 = 144

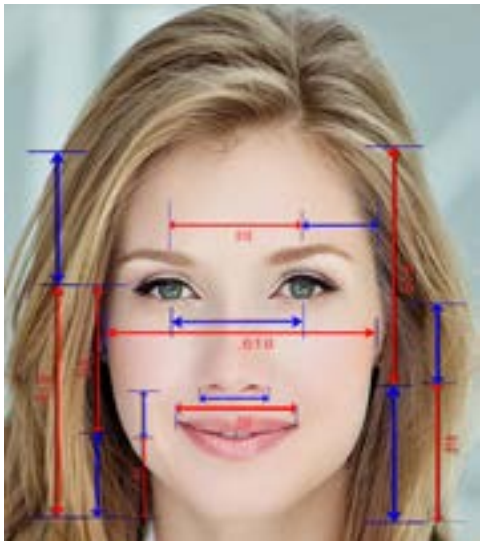
Fibonacci Sequence

How the Fibonacci sequence creates the Golden Spiral, the Golden Rectangle and the Golden Ratio.

The Fibonacci Sequence and the relationship of the Golden Spiral, Golden Rectangle and Golden Ratio.

The Fibonacci series produces several important shapes and ratios used in biology. The Golden Spiral, Golden Rectangle, Golden Triangle and the Golden 1.618 ratio all come from the sums.

The most important of these is the Golden Ratio, or Phi = 1.618 (or .618 inverse). The proportions in biology are heavily dependent on this figure, from bodies to faces to plants, the 1.618 ratio dominates the physical form in life.



It is a special number because it is exactly 1 + or - from it's inverse and square:

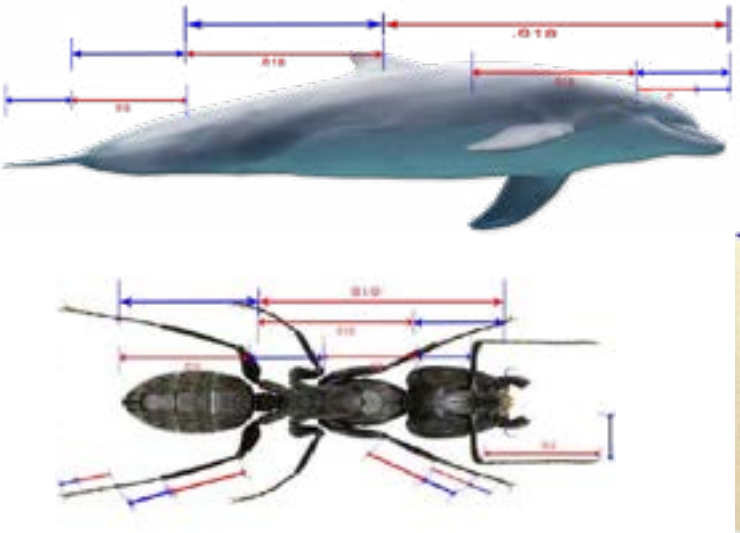
inverse $\frac{1}{1.618}$ = **.618** square 1.618^2 = **2.618**

Also, it is the only number with this relationship to 1:

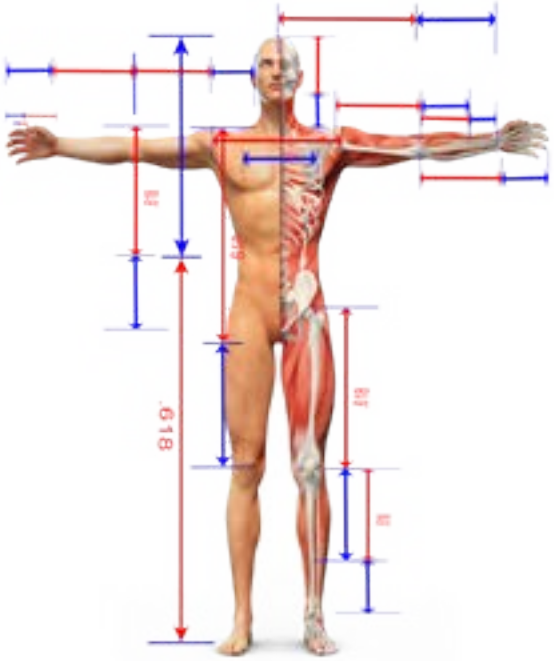
1 - .618 = .382 **.382 x 1.618 = .618** **618 / 1.618 = .382**
1 / .618 = 1.618 **1 / .382 = 2.618** **1 / 1.618 = .618**

Out of an infinite possibility of numbers, this single fraction is exclusive to these properties. It is no accident that this ratio has been embedded into the basis of life and physics, an intelligence had to have chosen this. The odds of choosing this number for engineering the structures of life in unrelated disciplines of science are 1 in infinity. That is why it is called the fingerprint of God.

Animals have the Golden Ratio embedded in their DNA. It is used to build everything from digits to body proportions to facial features.



This ratio is used to construct animals of all sorts from insects to mammals.



The body is defined by the Golden Ratio

One of the most compelling facts about the Golden Ratio is that we collectively recognize people with these ratios as beautiful, and we have been programmed to see these proportions. Studies have been done on infants and have consistently shown that they recognize these ratios and favor the faces with the 1.618 proportions. It is used by builders, designers, artists, photographers, advertisers, etc... to produce things that are aesthetically pleasing.

This means that the Golden Ratio is hard coded within our DNA to the extent that:
- Our bodies and faces are produced with these formulas
- Our brains have been programmed to recognize these ratios
- There is a complex chemical response that favors the correctly proportioned objects

1.618 ratio is used in:

Quantum Mechanics - It has even been discovered in the resonant frequencies of quantum particles.

Physics - between the hydrogen bonds, atomic structure, emitted particles

Astronomy - galaxy swirls, planetary distances,

Genetics - programmed into our DNA as the mathematical blueprint for constructing bodies

Biology - used to construct most of the proportions of life from digits to faces

Psychology - recognized by our brains as beauty and symmetry

Music - harmony is made up of sound waves that are proportional to 1.618

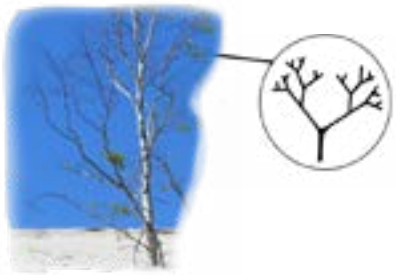
This is the proof that the creator of the universe and life are one and the same. You are essentially looking at the signature of God, these formulas are his choice for the blueprint of creation, his signature, showing the order that underlies the atomic and biological creation.

Fractal Equations

Fractal equations, or self-replicating equations, make up the structure of a large part of our universe. These formulas are able to define what was once thought to be disorder. Things such as clouds, shorelines, mountains, lightning, river flow, blood vessels, trees, spots on a leopard and many other things; owe their structure to simple formulas.

The fern is created with a selfreplicating equation. Each leaf is the same as the plant.

$Z = Z^2 + C$ is one such equation attributed to Benoit Mandelbrot, who was one of the first to prove this mathematical discipline by using computer programs to run these in a loop to create the patterns that these formulas supply. Mandelbrot first called them fractal equations, but they are also referred to as “self-similar” because they replicate themselves.



To build a tree, self-replicating is used. In this example the trunk splits in two, each of these split in two, each of those split, and so on... until we get the basic shape of a tree.

The mountains and clouds in this scene were created by a computer using fractal equations. The forces that create these in the real world are guided by the same formulas.

$Z = Z^2 + C$ was even found to be the mathematical basis for zebra stripes, peacock plumes, leopard spots, animal color mixes and many other seemingly random occurrences. Even more surprising, it was used to predict tree placement in forests, animal herd migration, shore lines, etc... These simple mathematical formulas are used to create most of the structure and scenery around us.

Trees, leaves, blood vessels, lungs, lightning, river formation, shore formation are all guided by the same fractal fomulas. It is put into DNA and the laws of physics. It should be noted that when the DNA suffers mutation, such as in cancer, the blood vessels no lonver grow with the sain thesame pattern.

Chaos Theory

It is named Chaos Theory because it appears as such, but it is ordered by mathematical formulas. When we look at a storm and the seeming turmoil and disorder, it is actually multiple elements being driven by formulas that act upon each other. At the heart of all of the activity, it is ordered and it stays within certain parameters like; height of clouds, wind speed, lightning frequency, area covered, etc...

There is absolutely no explanation of how you can have the same exact formulas and ratios being used throughout quantum mechanics, physics, astronomy, genetics and all through biology, in such unrelated ways. The only answer is that the same creator designed the quantum world, universe and life, using the simplicity of these formulas to create a complex system. These formulas are the blueprint of creation, the signature of the designer, showing the order that underlies even the things that seem chaotic.

I think Benoit Mandelbrot said it best when he spoke on the subject in "Fractals: the Colors of Infinity" a documentary by Arthur Clarke.

> *"This is how God created a system that gave us free will. It's the most brilliant maneuver in the universe, to create something in which everything is free! How could you do that?! …exploring this set I certainly never had the feeling of invention. I had never the feeling that my imagination was rich enough to invent all the extraordinary things. I was discovering them; they were there although no one had ever seen them before. It's marvelous! A very simple formula describes all of these very complicated things. Who could have dreamed that such an incredibly simple equation could have generated images of literally infinite complexity? We've all read stories of maps that revealed the location of some hidden treasure. In this case the map is the treasure!"*

Psychology

Moral Nature
There is a universal moral code that exists in people.

Oliver Scott Curry, senior researcher at Oxford's Institute for Cognitive and Evolutionary Anthropology says, "People everywhere face a similar set of social problems, and use a similar set of moral rules to solve them. As predicted, these seven moral rules appear to be universal across cultures. "

These are what the authors call the "plausible candidates for universal moral rules":
- Help your family.
- Help your group.
- Return favors.
- Be brave.
- Defer to superiors.
- Divide resources fairly.
- Respect others' property.

The significance of these findings allow us to see the common design that we, as mankind, share in the area of morality. The one who created us, programmed an inward conscience that guides us to act in a fair and kind manner towards each other. Evolution would program us for "survival of the fittest", selfish and domineering. These constants would not apply to the entire world because of the different environments across the earth.

Overwhelming belief in God
Worldwide 8 in10 people believe in a god/gods. This is a universal phenomenon among mankind. Only man has the inward drive to believe in a higher power, again pointing to humans as the ultimate reason for creation. This makes perfect sense, if we were designed for a purpose, and the creator put this inclination towards a belief in God within us.

Mind / Soul
Separate from our brain, science refers to it as the mind, others might consider it the soul. It controls our brain, using it like a computer to control mental and physical actions.

A compelling case for the existence of a consciousness that is separate from the physical brain is made by Mario Beauregard in "The Spiritual Brain". In it she uses the example of obsessive compulsive disorder(OCD). In OCD, the neurons of the brain, that signal when there is a problem, misfire at the wrong times. This leads to obsessive actions, but the person is aware that this irrational behavior will not actually fix anything. The mind is healthy enough to know something is wrong, even though the brain is malfunctioning.

Naturalistic logic would tell us the only way to fix the problem is to fix the bad neurons. But, the successful treatment consists of recognizing and starving the urges to do the rituals using the will. Brain scans have shown that it actually fixes the neurons, the brain is effectively changed with the force of the mind. Similar therapies are also used with depression and phobias.

The consciousness has further evidence in the form of life after death experiences. The world's largest research project by Dr. Jeffrey Long included a scientific study on over 4,000 separate people with NDE's. The evidence for the mind staying conscious after the brain had ceased functioning was:

1. Crystal-Clear consciousness
2. Realistic out-of-body experiences
3. Heightened senses
4. Consciousness during anesthesia
5. Perfect playback
6. Family reunions
7. Children's experience
8. Worldwide consistency
9. Aftereffects

Several of his subjects, who were blind since birth described, "with stunning vision, very detailed vision", their experiences. This is not scientifically possible, as people blind from birth have no concept of the visual, they would have no memories or preconceptions to draw from. Their experiences had to have been real, because their minds had no previous information to make up the images they saw.

Equally compelling, is the data of the children under 5. With an average age of 3 1/2, when they have no understanding of death or any preconceived notions, the children experienced the exact same elements of the NDE's as the adults.

The most convincing piece of evidence in his study was that nearly everyone who experienced these, including atheist and nonreligious people, were dogmatic that they were real. They insisted they were not dreamlike in any way, and furthermore they all affirmed that there is a God. In other words, there are no atheists after death.

Atheists have died and come back to life, strongly reaffirming that their life after death experience was real and not just a dream or imagination. Some notable ones that speak about it on You Tube are Randy Hicks, Brian Melvin, Ronald Reagan, Professor Howard Storm, Ian McCormack. These accounts are more compelling because the people do not expect to see an afterlife, so you have an objective observer. This makes it more believable, as well as the fact that it profoundly changes them, all believe in God after their experiences.

If we do possess a consciousness that is separate from our brain, then that means there is a whole other form of organized energy that is not detectable by our physical senses. This also means that the unseen energy has the ability to think, feel and interact with the energy and matter of our physical world, at the very least through our brains.