

Our Triumph

Prologue

Philosophy yields mathematics, mathematics yields physics, physics yields chemistry, chemistry yields biology. From biology we understand ecology, and from here we form society. Reason, Law, Entertainment. The thinker strives to see all that is, all that was, and all that will be. So much so, that the pattern is seen, all is woven, direction becomes arbitrary, and time ends. On this we build.

0) Creation

The greatest trauma we will ever experience occurs before we even formulate our first thought. Without consent, without anticipation, our unique genetic code is written the moment sperm fuses with egg. For months, we form in darkness, without conscious sense, without will, without desire. All we need is provided for us in the cradle of the uterus. Without warning, we are expelled, out of the uterus, through the vagina, onto a giant magnet orbiting a nuclear fusion reactor floating in the abyss of space. We immediately find ourselves surrounded by an endless sea of talking primates, so many of which seem to be convinced they have the keys, they have the answers, they are the clean and the chosen.

We spend the rest of our lives trying to make sense of what happened during these fleeting moments. Why do we think? As we drift further and further away from the origin of our conception, the bond of memories that used to be so vivid become hazy and static. We question most decisions we are making. We betray most of the promises we have made. We forsake ourselves in ways we never dreamed possible during childhood. Indeed, so few are able to hang on to what it means to be human before returning to the greater environment that spawned us.

Yet, here we are. We continue to grow. But to what end? Are we the cancer doomed to destroy the planet, perhaps the universe? It is largely agreed upon that the 6th great mass extinction on Earth is under way. The variety of species dwindles to rates that threaten to collapse every major ecosystem. Or, can we triumph? The purpose of this text is to discuss the reason for humanity, what it means to be human, and if the future should be guided.

1) The Existence of Energy

Where do we go from here? The core of this question is for us to understand where? So, where are we? What do we exist in? What do we exist around? With this knowledge, it would be simple to answer what is the purpose of my life? How do I determine the correct decisions to make? Should I go here or there? Should I work hard at this, or take it easy with that? How we currently decide is most certainly unguided. We often hear the phrase follow your heart, but what does that mean? Is it more worthwhile than going with your gut? The scientific enlightenment was fueled by the use of logic. The core wisdom being the results must always be repeatable by a third party. So, we are coming out of the darkness with the notion that if someone says something works, it is not enough for it to work sometimes. It must work every single time. 100%. But even logic has its limits. Within what system is the logical set of rules written? They will never be beyond the problem of induction, which states just because a result has occurred billions of times, does not mean it will occur a billion and first time. Certainly, the goal is to discover a logical set of rules that encompasses every reality of this universe. At this point, the logic would become flawless, because it would encompass every facet of every parameter that is possible, and would offer you alternatives for every single avenue one might be set on taking.

And so we begin. If you are told that every part of a car is 30 years old, and then asked how old the car is, you would likely say the car is 30 years old. So, if you are told every atom within your body is 14 billion years old, how old does that make you? This answer becomes obvious once we surrender to the notion that we are all bound, a part, of the universe itself. Much like figures on an oil painting. We are to submit that we are bound to the one reality that is 14 billion years old. Or, much more accurately, 14 billion light years long, a distance! We can now visualize a network of energy, an organism that is long and powerful. Now what does 14 billion light years mean? The notion of time is apparent to be one of our many fabrications. And we can see why. It has practically worked for us while we are all continuing to hurtle through space. It has allowed us to keep a schedule, and ultimately to predict as much as possible in terms of star and planetary movements. However, we know this is a system that is built to break. What is a second? We define it as the spin of Cesium over a certain point of space, and this definition has changed even recently. The issue is we are trying to separate two things that are inseparable. This would be the notions of Space and Time, or distance and time. Indeed, the distance is the only thing that gives us value. And we know that distances can be relative depending on your position. The logic is, traveling 1 km today is not the same as traveling 1 km tomorrow. Why? Because space is continuing to expand! The distance is changing continuously, and we are confusing the change of this distance with the passage of time. Indeed, we are not aging because of some illusion known as time. We are aging because we are traveling a great distance and this great distance we are traveling is having an effect on us, namely the metabolic processes that we have been forced to evolve over millions of years to better weather this extreme speed we find ourselves being launched at.

The Copenhagen Summits in the 1920s had conclusions such as the fact that all we see around us is in a constant flux. Things are changing. Life is evolving. Around the time of the summit, it was shown that light can become matter, and matter can become light. This is further coupled with our understanding of the formation of our solar system, our galaxy, and our universe. The universe is at one point a massive star that for still unknown reasons burst. This explosion sent the Hydrogen/Helium thrusting through space. As the matter cooled down, protons began fusing to form all the elements we see on the periodic table. The fusion of these protons is guided by what we term strong nuclear force. As smaller stars from this massive star begin to burst, galaxies are formed. As the smaller stars within these galaxies burst, solar systems are formed. It is important for us to continue to observe that the connection between light, matter, and energy is never truly broken. Light cannot become matter without the ability to return to light, and vice versa. Therefore, it would be possible for our universe to oscillate between two forms, one of near absolute light, and one of near absolute matter. Further, if we properly see no difference between light and matter, it becomes apparent how matter is merely dense light on an endless string of energy. This is likely the birth of string theory and the future of a better understanding of our surroundings. We must strive to see the universe without protons, electrons, or neutrons. These entities are once again mere densities of light. The S, P, D, F orbitals are mere cross sections of an infinite chain of light. This would confirm that there are in fact no particles, merely cross sections of an infinite wave. When viewed from different angles, all of these orbitals are one and the same. Please see exhibit 1.

EXHIBIT 1:



Our Universe on a String

So, for us to be able to predict everything around us, we first have to understand what everything around us is. Light, Matter, Energy. Let us begin to think of these as interchangeable variables. There is a connection between all three that allows for these phase changes to take place. And this connection brings us to String theory. The notion that everything we see, including us, is connected by one long string of unbreakable energy. This would allow us to view ourselves and every other object that we deem to be unique as a knot on this string of energy. Further, the knots on this string are constantly changing, as are we, and constantly being reformed, whenever there is even the smallest of interactions. This long string of energy is 14 billion light years long, even longer due to the gauge of what we term the, “present” and, “past” universe, and we are traveling on it like a train on the track, to the, “future” universe.

So just how fast are we going? Let us assume you are sitting with minimal movement. If you sit still for 24 hours, this allows the Earth to complete one full rotation. So, simply by not moving, by doing something that one might be misled into believing is nothing, you have traveled 30,000km! But of course, the stakes are soon to go much higher, because in that Earth day the Earth has also completed 1/365 of its orbit. So not only have you traveled 30,000km, you must also factor in 1/365 of the Earth’s orbit, about 2.6 million kilometers! This means, just by sitting in a chair anywhere on Earth, you have traveled 2.6 million plus 30 thousand kilometers. The stakes are about to elevate beyond our comprehension, since the entire solar system also finds itself in orbit around the center of our galaxy. This tacks on about another 20 million kilometers of distance our solar system travels in a day. So just by sitting in a chair anywhere on earth, you are traveling about 23 million kilometers, about 1 million km an hour. Further, the patterns in our universe love to repeat, so it is likely our galaxy itself is orbiting around a center mass, likely the star responsible for the birth of the universe. Currently, what is beyond this birth star or what this birth star is contained in is anyone’s guess. So, what is the speed we are moving at whether we want to or not? The answer is, very fast. Because our planet is moving at an incredible speed and we are simply along for the ride.

And this speed is not without a price. One simply needs to imagine the effects of traveling faster and faster. Imagine yourself on a roller coaster and feel the wind brushing you all over. Now raise those stakes as high as you are able. Soon you will see your flesh and bones being corroded like a boulder that is inevitably ground by the persistence of the water. So, it is not difficult to imagine a few thousand km/hr making you extremely uncomfortable to say the least. Well, we have just proven that we are traveling well over 1 million km an hour, so why are we not melting? The answer lies in the notion that we are no longer experiencing acceleration. We began our evolution while the planet was already traveling at this current acceleration. We have evolved on a planet that has already weathered the storm of acceleration. However, we can see that this storm is not easily weathered. And indeed, the beings that inhabit this planet have to grow, age, and die. We all bear the collective burden of this

stress. We are indeed all parts of the mighty Atlas himself. This is the destiny for our planet, a planet that does not have the will or desire to change its course.

Let us continue to see our planet as a sort of train on a rail. The planet is being fueled by the momentum from the very first star explosion that led to the second star explosion that led to the third star explosion. This is the string of energy that connects us to the origin of the universe. As we have continued to orbit, the string continues to grow and grow. It is like a tail that we cannot see. But it is directly behind us, since we are continuing to move in the same direction, with the same revolution, with the same orbit around the sun, with the same orbit around the galaxy, with the same orbit around or perhaps away from the origin of the universe. Every single vector of energy that has ever been, is connected to that original thrust that occurred 14 billion light years away. This eliminates the notion of there being more than one dimension. It would appear that there is only one dimension, the one we are traveling, with this one dimension being able to take infinite courses within the space we find ourselves.

Fundamental Flaws

This also should be enough evidence to push us away from what we call arithmetic. This system is designed around the notion of the existence of whole numbers. But we have just shown how there is no such thing as a whole number. The only whole number, which we might call, “one,” exists in our imagination of what the sum of the universe appears as, for this is the only true whole we are able to imagine. Every other interpretation of the number one would be imaginary. One what? One shoe? One toaster? These are all relative names of relative objects. Where does the shoe begin and the shoelace end? Where does the toaster begin and the toast end? We now know how all atoms are simply cross sections of a continuous wave, and this wave twists itself through every shoe and every shoelace, every toaster and every piece of toast, every cell of every being and every atom of every element.

The Roman numeral system has seemingly been the most accurate representation of arithmetic. This system tallies one over and over, so there is, “one” one, then, “two” ones, then, “three” ones, so on and so forth. While we can see why this is more cumbersome, it is more rooted in the reality of nature. What will likely replace this system of arithmetic is a system of relative mathematics. This system will be rooted in ratios and relative value. It will be based on cycles and the notion that certain items are relatively larger or relatively smaller than other items. And from this system we should be able to derive value and reform all engineering schematics. The bridge will no longer be considered a certain length long. It will be considered a length that is relative to the gap that it is covering. The support will be relative to the length of the bridge which is relative to the gap that it is covering. So on and so forth. This relativity will allow us to preserve the proportion for infinity. As the gap changes, the bridge changes, the support changes, and the structure will ultimately persist. The gift that keeps on giving will likely be the Fibonacci sequence, which bears the same relative principles in mind regardless if whole numbers are used or not.

On this train of thought we also arrive at the breakdown of Euclidian geometry. Once again, if the foundation is false, surely the building can not further stand. The principle postulate of this school of thought revolves around the differentiation of the point and a line. If there is no difference between these two words, or the subject matter behind them, there can be no further progress. Therefore, if we see that a point is a cross section of the line that birthed it, and any point is an arbitrary marker along a line, then we see there is only the line, and there is no point. This leads us into a reimagining of the periodic table of elements. The elements can begin to be viewed as geometric strings/the long single

physical dimension. What are stacked bundles of the long single cosmic string would be termed currently as protons and neutrons. A single spiral/section of a string would be an electron. Quarks are sections of the same spiral, simple at different parts of the string, perhaps termed upstream and downstream.

It is this same logic that allows us to understand the ratio of a circle's circumference to its diameter, or what we refer to as pi. The reason we can not calculate this number is due to the notion that that circle is in constant movement. It is what one might consider to be impossible to draw a circle in the current method we are drawing it without accounting for the movement of the hand that is in fact drawing this circle. What pi states is that you are not drawing a circle, but rather a spiral. As soon as you pick a point in space to originate your circle, the point has already moved. By the time you finish drawing what you perceive to be a circle, the point at which you began drawing is already far from where you began, and you can now realize that you have drawn a spiral, or simply a string.

Performing due diligence we now revisit the laws of Newton and the laws of thermodynamics to see what is left standing. Newton's testament appears to be in the law of inertia which fits seamlessly into string theory. We have shown the connection of all energy that birthed the stars and the continuous reaction that perpetuates. Where the bulk of our philosophical prowess should be spent is understanding what provided this energy in the first place. The law of inertia can therefore be seamlessly tied into the law of conservation of energy, stating energy can neither be created nor destroyed. This total input of power is what drives our universal inertial forces and writes/weaves the string of matter/light/energy that forms all we see/touch/feel. Newton's laws of force equaling mass by acceleration along with every action having an equal and opposite reaction are subject to error. $F=ma$ is vulnerable yet again due to the nonexistence of time. It must be written to demonstrate only space/matter along with the movement of space/matter. Further, reactions have never an equal and never an opposite. Instead, they are resonate and perpetual. It is one reaction that leads to another to another to another. While the illusion is the pendulum oscillates back and forth, the reality is the pendulum oscillates only forward. One must factor in the ride that the pendulum itself is taking based on its physical location, velocity, and acceleration. This leaves only the law of enthalpy, which is likely covered by the law of conservation of energy. Namely, the reaction yields heat and this is yet another form of light/energy/matter. In summation, the laws of Newton and thermodynamics can be summarized as $i=\sum(E)$, defined as universal inertia equals the sum of all energy in the universe. Whereas input equals outputs, chiefly the inertia thrust injected into our universe forms the total energy we see around us.

We can now focus on Einstein's equation of $E=mc^2$, where energy, mass, and light interplay. Once again, the nonexistence of time negates any notion of the speed of light being measured in meters per second. Light exists and simply moves over/through space. This light can indeed convert to mass and vice versa. Therefore, we can further state $l+m = i=\sum(E)$. Energy can exist in two extremes, one of light and the other of matter. It is reasonable to conclude that combining both extremes, and all intermediate states, gives you the total energy in the universe. We established how inertia equals this same energy therefore we can set all equations as equal.

The interplay between light and matter is likely that of temperature. At absolute zero, movement of both light and matter stops. In a sense, all approaches a material state. At infinite heat, we reach infinite speed of matter. In another sense, all strings uncoil, all matter dissolves, and all approaches a state of absolute light. However, both extremes are still contained by the law of conservation of energy and we are still at the total sum of energy that was input into the universe, our initial inertia. The substrate of our universe must be used to fuel the heat/cooling/acceleration/deceleration of all phase

shifts. Therefore, at 50% of maximum speed/heat the universe allows, 50% of total energy must be used. We conclude $.5 (\text{max speed}) = .5 (\text{sumE})$. We can take this further to see that all the energy in the universe can be used to create a final thrust of speed. In a sense, it is antithetical to our initial inertial thrust. The only difference would be our will as to the nature and direction. In another sense, one can visualize how the universe itself is moving! The biological organism that seems to most closely mimic this pattern is the spirochete. Perhaps a more advanced organism would be the worm. Imagine combining all light/matter in the universe, putting it into the craft of a vessel, setting a direction, and activating the thrust. Indeed, the force of the inertia will be equal to the inertia that created the universe minus the components of the ship itself. The penultimate hurdle we have left is that of heat, and whether it is lost through space or captured and reconverted into light/matter.

The last notion to balance is that of acceleration and pressure. It makes little difference if we consider pressure to be hydro-static or induced by motion. The net result of compression of light/energy/matter appears to be identical. Therefore, one can conclude that a proper spaceship will not only be able to withstand the idleness of space at one atmosphere, but the depths of the deepest pit on earth, under the deepest ocean, in the center of the sun, or in the center of the densest black hole/frozen star, all while maintaining integrity of its passengers.

The Connection of All

Now we come to this very moment. What must we consider? We should consider that every single event that has occurred over the last 14 billion light years we have traveled happened in only one way. Our planet has taken exactly one path. All the atoms, or better cross sections on the string of light/energy, that have existed to make our planet have taken one path. There are not two ways that exist in which we came to this point. There is only one. Now let us think about our own life. There are not two ways your life has unfolded, there is only one way. Every place you have ever been, every thought you have ever had, every action you have ever taken, molecule for molecule, string for string, oscillation for oscillation, has occurred in exactly one way. Now you can see the exact path, directly behind you, that you have been on. What's more, is one can begin seeing not only their path, not only their string of energy that they have left behind, not only their memory they have left behind, but the memory of everything. The memory of all things. Imagine the string of energy that trails every person, every object, and bring it together with the big string that trails behind our planet. You can now begin to see things as they truly are. An interwoven web of our energies, of our memories. It is a web that has a distinct shape, an exact shape. It is a web that has been woven in exactly one way.

So, you can see the 14 billion light year web that is directly behind us. Directly connecting us to the origin of our universe. And you can see exactly how it is woven. Exactly how there is one pattern. Exactly how there is only one way that things have been. There is no ambivalence. There is only an exact pattern of energy that everything in this universe has traveled. And it is to be shared by all that the universe encompasses for it is not just our history, it is not just our memory. It is us, our very being, limited only by the total energy within the Great Egg that hatched the universe. There is no, "your memory," or, "my memory," but merely our memory. A memory that is not within our very being, but within all the places we have collectively ever been, stored in space itself. What we would term a strong memory or a weak memory/amnesia is nothing more than the strength of our connection to the universe itself. The stronger the bond, or perhaps bonds, to the point in space where the memory was formed, determines our ability to detail the memory.

This brings us to what we consider our future. The possibility of the unwritten, the infinite. It is hard to imagine that every action we take, every thought we have, everything we say is destined. Quite

frankly, it just sounds like a terrible place to be. A place where undesired abuse is destined? How can a creator of this universe, which is a plausible concept, allow such betrayal of innocence to exist? Perhaps this is the part in which we are meant to step in and begin to exercise our power? Regardless, most of us are extremely wise to the possibilities of our own ability to deceive, so we constantly look for it and anticipate it in others. It might be justified in the following manner. The tenant of creation is to make something greater, stronger. One does not engineer a car that is inferior to all the cars that currently exist. Therefore, with us acknowledging that for a vast majority of the universe's history humans did not exist, and we are indeed the creation of nature, perhaps the creation of God, then we are therefore stronger than nature, stronger than God, possibly individually, and certainly united. If there is premeditation to the egg that birthed the universe, then indeed whoever laid it wishes us to save them, to be stronger than them, to be wiser than them, to look after them the way they are not able to look after themselves. Otherwise, why reproduce in the first place?

This brings us to the theological hypothesis. The question not being, do you believe in God? The question being, does God believe in you? It is not the fate of the child to worship the parent, rather it is the parent who places their hopes in the fate of the child. It is the parent who is always watching, always learning, always trying to understand. This brings us to a relative argument of whether we come from all that is understood, or are we heading towards an understanding. While the argument can not currently be settled on a cosmic level, on a global level it is most apparent.

We have demonstrated the undulation that connects the binary throughout the universe. Now the fundamental principle can be applied to the existence of God. The spectrum of decision rests between Atheism, Agnosticism, and Deism. Agnosticism would take the mean whereas Deism and Atheism would take the polarities. Atheism would be rather absolute in that you do not believe in a deity, and there is only one way to not believe in something. Deism would have subsets including all organized religion along with various differing views. However, we can see that with logic we can prove the existence of God. Either the deists are correct with one of their varying views. Or the atheists are correct. However, if the atheists are correct, what does that make us? Are we not then the arbiters of our own destiny? Do we not continue to fight, endure, create? These are the tenants of God itself.

If we are to believe the hypothesis that humanity was either created from scratch or manipulated from a primitive base, the next logical step is deciphering to what end? We discussed the tenant of creation being one of the basis of improvement. The only logical counterclaim would be our creation to fulfill a more primitive function. However, one could counter this argument by seeing the cruelty in such an arrangement, thus choosing to engage in conflict with such a benefactor.

The End of Time

So it comes to pass, that the relevant factor is not asking someone how old they are, but how far have they come? The only variable being the distance of the journey and the direction that it has taken. Who has more knowledge, more wisdom, the 40 year old who has traveled the world and immersed themselves in several cultures, or the 80 year old who has spent their life in the confines of a white room? Certainly the ability of retention is a factor, but with this being constant, we quickly see knowledge, experience, whether attained first hand from an individual experience or third hand through the wisdom of others is what matters in determining seniority, which levied with an intelligent will allows one to certify a leader, a triumphant member of the human race.

2) The Polar Nature of Energy

It appears the energy of all the universe is in constant fluctuation between extremes. This fundamental pattern of energy plays into every facet of what we see around us. One could venture in saying everything they see is electric, everything they don't see is magnetic. The label we give this phenomenon is the wave. And once you observe your first wave it becomes apparent just how prevalent it is. We understand light to be a particle that leaves a wave in its wake. We have concluded how sound forms waves. We have observed the vastness of our ocean and see the endless waves that it generates. There is likely not a thinking person who looks into the ocean and doubts that the movement is doing anything other than screaming the truth.

There are two hemispheres of our brain which have been developed to counter the continuous natural oscillation, along with our development of two arms, two legs, all to help support a constantly oscillating reality. The disease known as Parkinson's is a degenerative disease. The mechanism that drives this pathology is the degeneration of the basal ganglia, which contains the substantia nigra which is responsible for the firing of dopaminergic cells. Once we consider the body itself to be a map of the universe, everything we have been, and the fundamentals for our future, one can understand that for a process to degenerate, it must be generated in the first place. A main diagnostic criterion of Parkinson's disease is a resting tremor. This implies that without the substantia nigra, if this mechanism was not to be developed, all of us would have a resting tremor, which is indeed the natural state of universal existence, this oscillation. This same phenomenon is observed with nystagmus. Nystagmus presents as exaggerated eye movements and can be triggered due to the use of excess alcohol. One mechanism of alcohol is to bind to the cholesterol in the blood brain barrier and allow for the communication of our cerebrospinal fluid with our systemic vascular circulation. Again, this is the breakdown of an evolved mechanism. If we imagine ourselves to be without this mechanism of separation, one could see how it is more fundamental for us to be with nystagmus rather than without.

Since this oscillation of energy can exist at two poles at the same time as demonstrated by the double slit experiment, it follows logic that a potential force can be generated once this system is polarized. This is apparent in every experience we have ever had that deals with an opposite. Good, Evil, Right, Wrong, Big, Small, Left, Right, Up, Down, Smart, Stupid, Happy, Sad, Comedy, Tragedy. One can become another in an instant, and vice versa, which demonstrates that all of these opposites are in fact two sides of the same coin, a coin that can be flipped instantaneously. The only direction we can go is forward with the only variable being rate.

So, what happens if we are to stop this oscillation? What happens if we are to freeze spacetime itself? This is what we define the term to be absolute zero. One might equate two more terms with this notion, being that of the black hole/frozen star as well as death itself. To think that in death we become a frozen star, a black hole, absolute zero might not be too thrilling. But it is important to remind ourselves of the nature of the force that encompasses all. If we die where we stand, what happens to our memories? Do they disappear? Is everything that we have ever been gone from space? The answer is no, every action and thought we have taken and ever had will be etched into eternity in the very space in which the action or thought took place! There has been some scientific data gathered in which you leave the room, forget something, and then return to the room and the memory returns to you. Same concept with hearing a song that takes you back somewhere, or seeing something that reminds you of a past experience. Ultimately, these are all doorways to access the exact same memory. And there is only one memory, only one way in which every event has transpired in the history of the universe. However, the course which the collective energy of our universe is taking is not beyond manipulation. Indeed, for our purposes, it appears the combinations may be infinite. It is the sum of us

that decides which way our planet will continue to spin, to orbit. It will be all of us that decide if we are to drown in our filth, or if we are to take the absolute best of everything we have seen, the best of our beliefs, and use the sum of our force to launch ourselves into heaven.

3) The Direction of the Polar Energy

It becomes apparent that the oscillating energy that makes up all things further has a single direction in which it is taking. We consider this direction in terms of past, present, and future. However, it has nothing to do with what has happened, what is happening, and what will happen. Merely, it is what is. What we consider the past is a living, breathing, pulse of oscillating energy that represents exactly where we have been. The visualization of whether it remains fixated in space or resonates into the periphery is one for debate. The present represents the current location we find ourselves. The future represents the continued direction our planet, as well as all planets and stars in the universe, continue to take. We can change our future much in the same way we can change the tilt of our rotating axis and the trajectory of our orbit. The question comes down to, why? Are we going to change it for the better? We have no clue which direction we are heading, so it is best not to alter it until we do. Further, this same principle holds true for all the creatures that are wandering the planet. We are all absolutely bound to the fate of this planet since none of us currently live in space, and more-so would not survive in space without Earth.

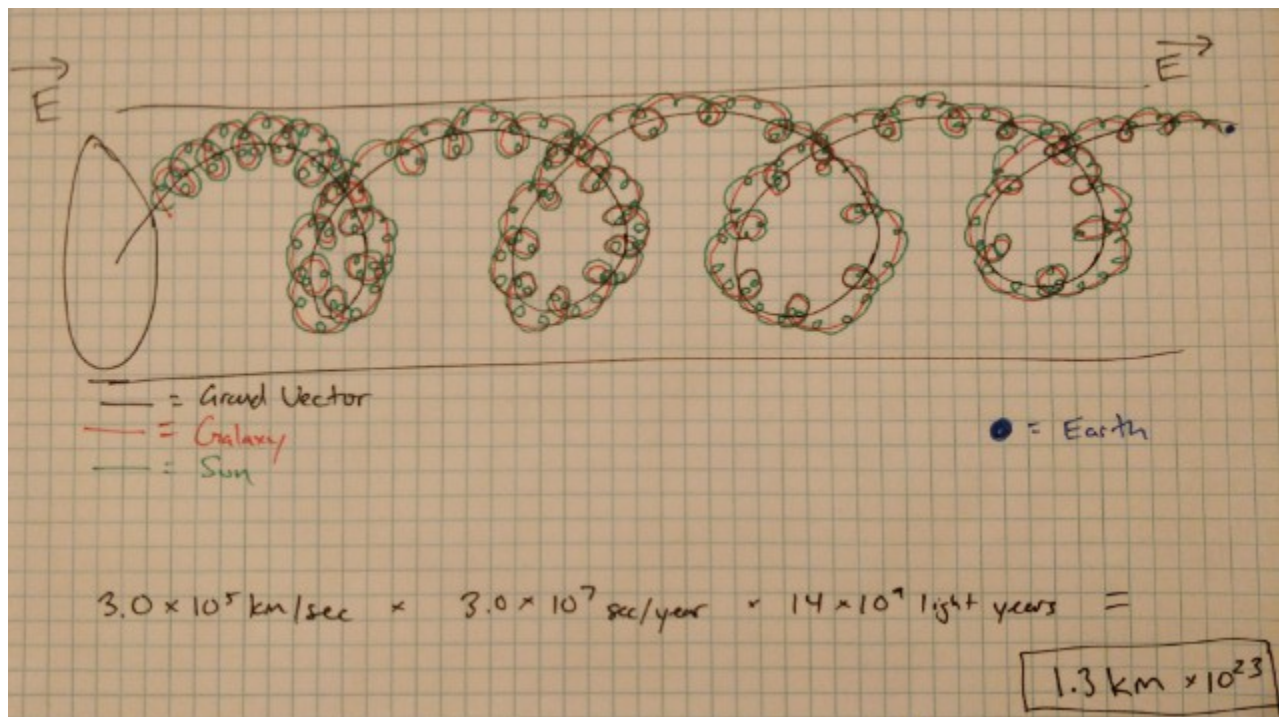
Therefore, whatever happens to this planet will happen to all of us. Also, there is not one person on Earth who is capable of dictating the course that our planet should be taking. Mainly, because no one person knows where we are, but also because they do not know where we need or want to be. For the first time in history, we do find ourselves able to truly alter our fate. Up until now, we have done everything that the planet has told us to do. If the planet told us to have a disease, we got it. If the planet told us there was a drought, we went without water. If the planet told us there was a famine, we went without food. We have grown strong enough where significant amounts of our societies are now beyond famine, drought, and disease due to social and medical engineering. We can see how we are now beginning to dictate to the planet our own terms. We can now change the tilt of our axis, we can now alter our orbit, we can now take control of the very ship that gave birth to us.

4) Guidance

All ships have a bridge, a pilot, and a captain. It is with utmost urgency that we find our captain, whether it be an individual or a collective. As far as steering the course of our ship, we must continue to make great effort to map the universe in its entirety. Once we have a lay of the terrain, we will be able to chart a course that covers everything we wish it to. Please see exhibit 2 for a primitive, non-proportionate attempt to chart the cosmos.

This is why it becomes of utmost importance for us to collectively say, well we have this power, but what do we do with it? What is right and what is wrong? How can a person who kills one person go to jail in a certain part of our society, but be given a medal in another part of our society? If there is a person coming to harm your family, in which you know the results to be 100% conclusive, or if there is a stray dog with no intentions towards you or your family, who do you choose to save? The answer is the dog, because it is not compromising your ability to survive. This means you have just chosen a stray dog's life to be of more worth than that of a human with mal intention. Our answers will become incredibly obvious once we clear our collective super ego and have an honest, open dialogue that brings in every unique opinion that this earth has ever birthed.

Exhibit 2:



Where do we go from here?

As with all great navigators, it is of tantamount importance for us to map what we are navigating. We should likely continue to heavily invest in telescopes to track the light around us. We should lay breadcrumbs likely in the form of a LASER to map where we have been. We can use the knowledge of where we have been to deduce where we are going, while treading lightly along the problem of induction.

5) The Application of Energy to the Individual

Evolution

We will attempt to bring together all notions of God once we better understand the evolutionary path we as humans have taken, and whether it is even plausible for us to draw a line that separates man from God from beast from toaster from anything else in the universe or outside of it. Any one of us would be upset if our family was treated cruelly, our parents, our grandparents, our great grandparents. So where do we draw the line? Where do we draw the line of absolute apathy we exercise daily when we destroy millions of cells of bacteria simply by brushing our own teeth? We know that within any single cell of this bacteria, we have the building blocks to seed an entire planet with civilization. Indeed, if we take one of the single cells, that we kill millions of daily, and inject it into a magic bullet, and shoot this bullet into any planet capable of hosting life, mainly just a world with water, an entire lineage of civilization will begin to form. New bacteria will evolve, followed by simple beasts, followed by complex ones, and almost certainly followed by a sentient being capable of complex task. After all, we have witnessed this very process happen on the only planet we have even come close to fully exploring. We have replicated this very experiment in a lab in Chicago in which every amino acid was recreated

with such limited building blocks. But as we see, not many of us are shedding tears for the bacteria we kill when we brush our teeth, or for the oxygen molecules we use to conduct our aerobic respiration. Are they without feeling? How can something that produces all life be without feeling?

We all have a mother, who some of us have been fortunate enough to begin to understand. We understand she feels pain, emotion, has desires, thoughts. We can clearly see this in our grandmothers as well. So where do we stop seeing it? How far back do you have to go to not care? Is it the common ancestor all vertebrates share? One fish known as *Metaspriggina* is about 500 million years old and is considered a possible ancestral candidate for vertebrates. Therapsids are about 225 million years old and a possible common ancestor for mammals. Let us assume if we find a common ancestor between Neanderthals and *Homo Sapiens* it would be around 500,000 years old. These mentioned creatures look and function similar to a fish, a dog, and a monkey. These creatures from our past are quite literally our cell mates, we all were absolutely bound within them. These creatures are in fact us, and exactly what we were at that point in space. However, if we observe our behavior today, while the best of us would certainly not treat a fish, dog, or monkey with cruelty, also the best of us have trouble understanding if being kind or cruel to creatures we deem less capable makes any difference to our future outcome.

We know how we were at one point a single celled organism. Not billions of years ago, but on the day of our conception. We were what is termed a zygote, simply a female egg fertilized with a male sperm. So, if we think back to the time when we were zygotes, how confident are we? How tough can we really talk? After all, an amoeba would destroy a human zygote in a cage match time and time again. Most single cell organisms would. Because they are all already adapted to survive as single cell organisms. Indeed, the human zygote is one of the weakest single celled organisms on the planet. There is only one thing that begins to make it strong. It is the understanding that the human zygote will be given space to grow. That it will be given 9 months within a relatively disease proof gestational sac that will be supplied with endless nourishment. Only once this process begins to take shape does it become apparent that this human zygote just might be worth something. Once the child turns 1 year old, still it is so weak compared to 1 year old dolphins, whales, lions, tigers. Still, it would not be close to surviving that one-on-one cage match. But still the child grows, it grows to be able to perform complex tasks, it grows to be able to set traps, hunt prey, and most importantly survive by any means necessary. This biological map does a beautiful job of showing how we as a species too went from being so insignificant for such a vast majority of our journey, to only recently beginning to command the processes controlled by the single celled organisms that some of us claim to be superior to.

So, we ask ourselves, if one kills one million cells of bacteria, are they a mass murderer? Then ask yourself again, if one kills one million human zygotes, does that make them a mass murderer? How do we determine the value of a single celled organism? The answer is all bacteria, human zygotes, full grown humans, plants, rocks, dirt, water, air, and strings of light have a potential. While these potentials vary in their capacity, in their net charge, in their ability, they are constantly in flux, and can change in an instant. And these potentials are once again on the continuous string that is the universe. They can become fully absorbed and change from one to another. So, we once again are forced to see that universe in all its glory, in all its radiance, neither asking or telling, but simply existing.

From this, we can see that we have not moved on from childhood, from the zygote, or from the bacteria. These are in fact the core of our central beings, and these are states we revert to every time the need arises. We will forever find ourselves sharing approximately 99% of the same thoughts as any individual given cell of bacteria on this planet. Chiefly, this is the flux that exists between survival and reproduction. In any given day, the extreme vast majority of our thoughts exist on the spectrum of

deciding what and how we will eat, kill, defend, consume, and with who and how will be fulfill our desires to procreate. Only once these desires are met, or at the very least accounted for, can we revel in the newly evolved aspects of our mind, that are difficult to surmise however are most certainly focused on our understanding of what we want our future to hold.

Intelligence

So how can we possibly value the worth of one life, one being, or one entity over another? We like to differentiate ourselves based on what we call intelligence. This is again a false path we have been going down. What we commonly term the Intelligence Quotient is nothing more than our ability to assess a certain functional capacity of an organism. Intelligence is absolutely relative to the situation at hand. One person's genius is another person's fool. One person's hero is another person's villain. Indeed, the person who is capable of saving a million people is the exact person who is capable of killing them. So, what makes this very person decide?

This brings us to what we should redefine intelligence as. Who is more intelligent, the person with Down Syndrome who helps an elderly person cross the street, or the renowned Harvard chemist, who creates bombs to send to the unarmed and unsuspecting through the postal service? Surely, the Harvard chemist would outperform the person with Down Syndrome in any IQ test. However, we can see, this chemist is stupid, and the person with Down Syndrome is smart. The person with Down Syndrome was able to see beyond his very being. They were able to see the vast web of energy in which they are ensnared, and they acknowledged that we are all bound by this energy, and that we all must be reaching out to walk through this life together. While the individual chemist may have greater individual potential, individual potential is usually dwarfed when it butts heads with the sum of the universe. The fact the person with Down Syndrome was able to not embark down the path of megalomania is almost precisely what makes them smarter. A tug of war analogy is beneficial, in that as long as the addition of the pulling force is on your side, it is always welcome. In the opposite sense, if the force is applied to the opposing side, it is always detrimental, and one would be wise to prevent it from taking root.

So, we come to the conclusion that intelligence is based on our will. It is our very desire to be intelligent that can make it so. It is our desire to pursue the truth endlessly, to endlessly create, and to endlessly see the universe and all the energy within it with an open mind. Now, this does not necessarily preclude the power of the individual. Indeed, it is possible to dream of the notion where one may acquire a power that dwarfs the universe. However, if one is unable to acquire such a power, it is likely they would have to admit their own stupidity, and see themselves as someone who set down a path that was not meant to be.

Which brings us to the notion, if intelligence is indeed a choice, if one can decide whether they are to be smart or stupid, why would someone choose to be stupid? Indeed, any one of us is capable of standing up and smashing our head against a wall. So, what keeps us from doing so? What keeps the seemingly intelligent mind down the course of self-enlightenment and the seemingly stupid mind down the course of self-destruction? Any one of us can choose to educate ourselves on a topic and learn the varied perspectives that it takes to make a decision regarding the said topic. What might keep one from doing so? The operative word seems to be that of fear. We discussed how the greatest trauma occurs before we can ever think. The next trauma is likely to be the one of childhood itself. We are brought up without mechanism to hunt, without the ability to defend ourselves. On the guardianship of our parents, our village, our society, we become reliant. Without these institutions, we would likely not be able to fend for ourselves. Therefore, it is simple to see how any form of friction we generate, any sort of resistance against any of these institutions, can cause us to fear we will no longer have the positive

benefits that come with allegiance to them. The conflict in the mind arises as we will ourselves to draw our arbitrary barrier of self and whole, where do we begin and where do our surroundings end? When do we decide to say this decision is mine, this desire to pursue the truth is mine, this is my purpose and what I am choosing to fight for despite the apparent disapproval that may come from the parents, village, or society that offered me the chance to grow in the first place?

In a physical sense, it becomes apparent that an individual's intelligence is somewhat of an electrical potential. An adequate analogy would be to consider the individual to be a star. The most intelligent, or rather capable of us, would be the brightest star. The least intelligent, the least capable, would be the dimmest star. However, it is simple to see the power of the union. What if the second and the third brightest stars align? Would their collective power not be beyond that of the brightest star? In this sense, we see the flux of intelligence that runs between us all, and we see the union that ties us to the stars themselves. In the American football analogy, one would say, "any given Sunday." The implication being that the weakest can defeat the strongest, if the stars or elements align behind and within them.

Survival and Sexuality

We will continue our best trying to understand just what a human is. Just what it means to be an individual. Whether such a thing is even possible. All beings are in another well documented flux of survival and reproduction. One cannot possibly be surviving and reproducing at the same time. To reproduce is indeed to approach the limit of no survival, and to survive is indeed to approach the limit of no reproduction. We all have a moment in our lives where we recognize we paid no attention at all to our very survival based on our desire to reproduce. We also have a general theme of our lives in working hard and struggling to survive, with the notion that one day our survival will be so guaranteed that we will be able to reproduce in a safe environment. Certainly, none of us have reached the limit of survival prior to our attempts at reproduction. The limit of survival would certainly encompass immortality, invincibility, limitless resource. However, our desire to procreate kicks in far before these goals are accomplished.

This brings us to our notions on sexuality. On what a female or male is. The first step that is necessary for the scientific community to take is the end of these false divisions. We know the male is absolutely nothing more than a female with testosterone. Fish, flies, and bees are all capable of fertilizing their eggs in vitro. What this means is, the female lays all female eggs. If males are necessary for the society, there are further hormones that the eggs are infused with to create the males. Humans have what is known as the Testes Determining Factor on the short arm of the Y chromosome. This factor becomes activated automatically based on the presence of the Y chromosome at about the age of 4 weeks in vivo. However, what we term gender is on a spectrum. Our gender is to be defined as a continuous titration of our sex hormones, namely estrogen, estradiol, estrone, testosterone, DHEA-S, throughout the entirety of our life. This implies that everyone's sexual desire, impulse, thoughts, urge, is as unique to them as their ability to interpret a color spectrum, as unique is their ability to taste, smell, feel, and think. Indeed, we often do not give ourselves enough credit for just how unique we are.

This uniqueness does not, however, preclude us to the destinies we are bound to. Seemingly, once we acknowledge our destiny, then we can begin to impose our will and bend its future trajectory. There is a general reason we created the terms male and female to begin with. Indeed, they are manifestations of the male genitalia with functional sperm as well as the female genitalia with functional ovaries. This however is a process that only belongs to be distinguished in fertilization clinics and those hoping to conceive.

The prototypical female does indeed release one functional egg per month, and it does need to be fertilized by only one sperm. This ultimately results in the female mindset being one in which she is constantly seeking out the best possible sperm for her egg, translating to the best possible male. This implies the female has in her head envisioned the perfect mate, a collection of every thought she has ever had in terms of reproduction, to come and fertilize her one egg. The male mindset is rather polar opposite. The male is capable of fertilizing hundreds of millions of eggs in one day. The male will always be looking to simply spread his seed as much as possible and fulfill his notions of Darwinian fitness.

Along this spectrum, lies every single combination imaginable. And these all translate to unique individuals, with feelings, dreams, ideas, and hopes. These include those with lump groups such as Turner Syndrome, Klinefelter Syndrome, Androgen Insensitivity disorder, and several more. However, be aware no matter whether a unique genetic orientation to what we perceive as the common XX, XY, exists, such as the XO and XXY mentioned, no two XX or XY will ever be the same. This unique imprint of a continuous titration of hormones as well as the genetic starting point of our gonads and reproductive system at large is what we can use to call gender. Indeed, our gender is affected by the foods we eat, which can change our cholesterol profile, which will change our sexual hormone profile, which will change the continuous titration of sex hormones we are going through throughout our entire life. Our gender is further affected by notions of precocious puberty. The pineal gland is known to become more active once a child reaches puberty. However, puberty can be triggered earlier, if a child is sexually stimulated at a young age. This forces the child to awaken mechanisms of survival that were being saved for their non-exogenously stimulated sexual provocations.

The unique titrations that our body processes do not only involve our reproductive system. Systems even more significant are subject to a unique processing stream based on their development. Three systems of importance would be our visual, olfactory, as well as taste.

Vision

Visually, it is important to understand how every being processes the colors of the universe in a unique manner. What we term color blind is a mere threshold, and no two people have the same color spectrum. It is as unique as our fingerprint or our sexuality. Indeed, no two people possess the same amounts of rods and cones, orbital dimensions, as well as the temporal flux of all the proteins necessary to develop this system. What this translates to is while the matter which we understand to be translatable to light enters our eyes, it is an objective signal. The light from objects of the universe that we perceive resonates at the same frequency for all of us. However, once the threshold of the cornea is broken, the subjective interpretation begins, and our ability to discern the unique fingerprint of energy that is being transferred down our optic tract becomes subject to interpretation based on our physical traits, such as the rods, cones, distance, electrical conductance, occipital and midbrain development, as well as our own upbringing, as in what we appreciate the symbol to mean, the diet we have consumed to fuel our physical systems, and our higher intellectual function that determines what we believe to be worthy of observation in it of itself. Also, the very position in space we are standing while we observe the light will change the angle which it enters the eye.

It further becomes apparent how we have two extremes of color processing. Those who can see as many colors as possible, those who see only white light and absence of light, and everything in between, with no two individuals possibly being identical. Once we take this into account, we realize some people truly see in black in white, some people see all the colors of the universe a human eye is

capable of seeing, and some see a combination in between. It becomes apparent how misunderstandings between people are possible simply based on this starting point.

On the nature of light itself, one could speculate that all the light in the universe is indeed the same, a white light. Every star in the universe is white, with red and blue stars only existing to us based on the Doppler Shift phenomenon. The reason we can see color is because the atmosphere of our planet is capable of levels of refraction likely due to water. Further, the lens, fluid, rod, cone system of our eye likely alters these frequency readings even more. What we see is variations of white. This white light is once again our old friend the universe, which continues to exist on an ever-changing string.

Smell

Olfaction would follow similar principles of the neurological development that took place with the eye. While we term the optic nerve to be cranial nerve II, we term the olfactory nerve to be cranial nerve I, and indeed, when studying the anatomy, it does appear to be more primitive, more fundamental to our genesis. We can see how nerve fiber for nerve fiber, cortical nerve for cortical nerve, and stimulus for stimulus, no two smells are the same, and the same smell interpreted by two different individuals will always be different, even if minimally so.

Taste

Taste has been considered to be one of our most primitive guides. The chemo stimulation that various foods offer causes different organisms to propel in different manners. Glucose is a carbon-based molecule that fuels the process of energy production in most living creatures on earth. Therefore, it would make sense that an organism can sense this product in the environment and use its locomotive ability to be drawn closer to it. Further, in humans, it becomes obvious that different taste pallets draw us to different foods. Once again, based on the principle of our individual uniqueness, no two people or entities will ever prefer the exact same foods, the exact same diets, the exact same meal preparations, no matter how identical they may appear to the naked eye.

Race

This brings us to an important notion of the existence of black or white based on skin color. This is of course the manifestation of misunderstanding. There are certainly malicious reasons to propagate this misunderstanding, including if your will is to polarize a society to divide and conquer it. It is of course disheartening to see how many are willing to label themselves as either black or white based on something as superficial as the shade of their epidermis. With basic quantum understanding, we are fully aware that all matter is over 99% empty space. With further basic understanding of light mechanics, one can see how there is nearly absolutely no light within the human body while the epidermis is intact. This means everyone's blood, heart, lungs, liver, and brain are completely black. This renders all beings walking the earth over 99% black. The amount of blackness one possesses is based on little more than mass. However, we are certainly not all black. We all feel some form of light/matter/energy that is pulsating within us. Indeed, when we look at the night sky and see 99% of darkness with speckles of light in between, it is not a stretch to imagine our bodies much in the same manner. While it is quite dark within us, still the light finds a way to trigger signals, to trigger action potentials, that allow us to think, move, and desire.

Further, all light that we see is indeed white. The white light certainly has its components which we round to red, green, and blue. However, the bond exists, and for an object to even be visualized by the

eye, it must be rooted in white light. Indeed, all humans along with all visualizable objects find themselves to be shades of white.

Ethnicity

Ethnicity is determined largely by the terrain we evolve in along with the food we eat. It is important for us to cross reference all DNA with the foods the individual, along with their ancestors, have consumed. Couple this with all possible environmental factors and we will likely have a flawless mathematical model for the development of ethnicity.

6) The application of Energy to Society

This brings us to the fun part. How does reality affect the common person in their day-to-day activity? You don't have to look hard to see that most people do not let reality slow them down. Many of us think we are the greatest at something we are not, the fastest when we are slower, the smartest when we clearly do not have much to show. But what does this really mean. Certainly, at one point Usain Bolt was not the fastest person in the 100m sprint, however, he did become this person at a point in space. Which means at some point he was equally as delusional as any other person saying they are the fastest on earth. How do we distinguish his delusion that became our reality from the delusions of all others that do not become our reality? Do we lock up every person who says they are something but are clearly not? Can we be so sure they will never become what they claim to be? Well, the answer should lie somewhere in the notion that, as a society, if a person has a dream, no matter how silly it is, with the difficult caveat that we continually refine in which the person is doing no harm to others, they should be allowed to pursue their dream for as long as they see fit. For in defeat of a righteous goal, a new goal will always be born, and a new dream will be birthed that the dreamer will continue to pursue.

War

The basis of war is the notion of division. One must always define an, “us” and, “them” parameter. “We” are the righteous while, “they” are the damned. With us now possessing a basic understanding of the universe and its function, we can see how war is a mere tool used by someone in power to take more resource. Every army in human history has had only one leader, only one mind, that makes a decision for it. The soldiers exist as an extension of the one mind that controls them. They place their faith in the fact that the central mind that issues command knows what is best for them, their families, and their neighbors. However, the soldier is not just a mere tool. There is great romance in the notion that men unite to achieve higher levels of combat. They unite not for the hatred of their enemy, but for the love of themselves, their families, and their desire to protect what they hold dear. Indeed, the God of War is the God of Love. It is only through their belief that the enemy is willed to destroy them by any means necessary does the venture to conquer persist. While some soldiers do indeed love to fight, it is certain these individuals could certainly fight even without an enemy existing. Thus, we birth sport, boxing, MMA, etc. Sports are replacing religion as the opiate of the masses. Emperor Constantine tore down the statues of the Roman Gods and replaced them with Christian Saints, it is now coming to pass that we are tearing down the statues of Christian Saints and replacing them with Athletes and creations of our imagination like Rocky Balboa, Mickey Mouse.

Global Government

In terms of stability, the goal of a global government appears inevitable. The greatest transition to a stable form of government has likely been the United States Constitution, and it should be carefully

modeled with the lessons learned within the borders of the United States of America. The USA went from controlling 80% of world wealth around 1945 to controlling about 20% around 2020. From 1995 to 2020 the USA went from a 10 trillion dollar surplus to a 30 trillion dollar deficit. All while the quality of life steadily declined from 1990 to 2020. How did the decay take root despite the incredible wisdom within the works of the Federalist Papers, The Age of Reason, and Poor Richard's Almanac?

The answer likely lies within the flaws of the democratic system, and what the founding fathers meant in the Declaration of Independence that, “all men are created equal.” With now a much more accurate understanding of what a man is, the course of government must be altered. We now see how it is impossible for all men, humans that is, to ever be equal. Rather, we are all unique, and able to work together in various tasks to accomplish lofty goals and make even loftier dreams into a reality. While a new global constitution will be necessary, the core issue of maintaining a Republican form of government should be the focus. The core dilemma will be deciding on how we choose who fills which post within the government? Much of this will be personal speculation and is to be vetted in the form of a global constitutional convention. The principle of a government of the people, for the people, by the people is to remain. What is to be modified is how the voices of the people are heard and represented. It will not only be humanity that guides this movement, but the creations of humanity itself in the form of our machines and technology. Further, the nature that birthed us must be fully represented as well. In terms of voice, the idea of who gets heard and at what volume is of utmost importance. The democracy of the US dilapidated due to the notion of all votes being equal and the development of a shouting match in which all people are speaking at the same time, regardless of individual expertise, merit, wisdom. We have established how individuals are unique, therefore certain individuals are in a better position to comprehend what would be best to help grow and safeguard their street, their village, their state. A rough model might look like exhibit 3:

Exhibit 3:

Voting Power	Occupation	Description
Whole Vote	Doctors, Ph.Ds, Military Members	Those who risk their life and are willing to die for the republic
4/5 Vote	Lawyers, Business Owners, Higher nurses, Detectives, Architects, Engineers	General Intelligence, Masters Degree minimum
3/5 Vote	“Blue Collar Workers,” Construction workers, lower nurses, police	Lifeblood of the expansion of the republic
2/5 Vote	Students, those willing to transition our of welfare	Must be striving to elevate rank
1/5 Vote	Welfare recipients, prisoners	Those who depend on the republic to survive

As becomes seen, this model can help balance how voices are heard and can certainly serve as a starting point.

[Needed: accountability for the voice of nature (past, ecosystem) and technology (innovation, future, future generations)]

On the Nature of Betrayal

Why do we betray one another? This should first be distinguished from simple defense. To defend yourself against an attacker is not a betrayal since a previous bond was never formed. Further, there seems to be two major categories of betrayal in terms of relationship betrayal and friendship betrayal. And this very distinction is likely the root of what sparks such a decision. Let us first focus on friendship.

Friendship is once again to be broken into a gender subdivision. We have learned of the tendencies of the two gender extremes and that spectrum that lies between them. Let us now focus on the friendship between man and man, or what can be termed brotherhood. Indeed, so many men of different backgrounds befriend each other to the point where they are as close as first blood siblings. If they have a brother, they even choose to gravitate to their newly anointed brother, having even more in common. If such a strong bond can be formed, how is it possible that it breaks? And the trigger issues can often be small and inconsequential. However, as with most actions, the true nature behind them is almost never verbally communicated. And just as rarely communicated and elaborated at all. Why not? We have previously discussed how the decision to be stupid can often be rooted in fear. It is likely the decision to betray is no exception. There must be some perceived gain that the instigator values more than the friendship itself. So what is there to be afraid of with someone you have chosen to be your brother. The answer likely lies in the notion of love. The desire to love in one capacity or another becomes so overwhelming that it becomes an unabashed source of fear. Once this floodgate opens, the brother who will commit the betrayal goes down the path of inevitability based on the decision they have made. If they choose to communicate their love the friendship will continue, evolving as all things continuously do. If the decision is made to suppress the feelings, the road to betrayal is paved.

[Add: Women – Women Friendship, Male-Female Friendship, Male – Female Relationship, Misc relationships]

Mental Well Being

Mental well being/health/wellness can likely be defined as the relationship one has with themselves. How do you see yourself when you imagine your role in the universe? And as with all relationships, honesty in this one is of most importance, and likely more important than honesty in any other relationship. The priority comes in understanding your own strengths and weaknesses then making an endless string of decisions. Do I work on my weaknesses until they are a strength? Do I use my strength continuously and make it even stronger, as sharp as possible? There are several factors involved in decision making which borders on art. The start is likely a belief in the goal you wish to achieve, and putting in effort to make that goal a reality.

We have delved into the physical realities that make this universe so. A good goal should likely take all of these factors into play. While there are many romantic notions when pursuing a goal that can not be reached, if you become frustrated along the way then one must recalculate whether a goal might not be attainable under the current circumstances. Further, when setting a goal, one must understand if it will put them in a better state than they are currently in. What is more, is your perspective of believing you are on your own and even capable of setting a goal. We have shown in the physical world how all is tied together. This is even more pronounced in the social world. We all come into moments of melancholy where we feel we are all alone. But this is far from the truth. The truth is almost

frustratingly the opposite. We are bound together in ways that have yet to be demonstrated to have the capacity to be broken. And if you could break them, would you? Indeed, there are many moments that fill us with despair. It is this very pain that helps remind us what pleasure is. And what is more, is pain and pleasure not perspective in it of itself? Some of our greatest pains come from the death of a loved one. Why? Is death not perspective? Are we all not simply assuming? We assume we will die. Why? The only reason we think we will die, is because we believe we are alive. And who said we are? Once again, we find ourselves bogged down in the assumptions of our perspective. But we can see so clearly how our perspective is incomplete. We see a small part of the visible spectrum of light. All we see is reflected by water. We are heavily influenced by our immediate surroundings. We are limited by our physical being, the gender, the strength, the weakness. To truly take a flawless perspective, one must compensate for all these biases. Take into account their genetic predisposition plus the environment in which they were raised. Factor in the will of choices that have been made and are being made. Then one can set their course to their desired future.

In this, we see the pathology of the assumption. Without an accurate understanding of our environment, of what lies within and without, what sort of conviction can one hope to possess? Indeed, such conviction takes one down the path of delusion. One makes the assumption and convinces oneself that it is the truth. This violates possibly the only principle of a healthy mind, the one in which one should be true to its own being. The delusional mind goes down the path of self-retardation, limiting its own perspective, and slowly corroding its ability to objectively analyze the truth. There is certainly certain utility to maintaining a delusional perspective, however the tale of caution should be one of which if you play with fire, you can be burned. Is it possible to return to a state of self-honesty after a lifetime of self-delusion? Likely, however the limiting factor will be the self-will to return to such a state, the desire and value perceived in setting an honest pathway.

This understanding brings one to believe that the healthy mind is one capable of continual objective self-analysis. This methodology is likely fueled by not living or investing significant energy into the assumption, and simply sticking to, "what you know." "I know I will lose weight, muscle, energy, and strength if I do not eat, therefore I will ensure I have an abundant supply of food; I know that instances occur where I might have days or weeks where I can not secure food, so I will plan for those moments with reserves; I know I enjoy being able to ambulate, so I will promote my musculoskeletal health through exercise; I know I have moments of vulnerability, where I sleep, eat, entertain myself, resulting in my guard coming down, therefore I will gain allies/friends/family that can carry the burden of self-preservation during those moments, and we can walk this path together." Thought exercises such as these are important, and before long you will have a large set of tangible goals and objectives that you are close to certain will improve your situation. While there is nothing wrong with asking large questions which are difficult to prove, ground yourself in knowing you are not the only one asking these questions, therefore the load is not yours to carry alone. If one chooses to do so, one must face the consequences of such an action/decision.

This brings us to the conflict of control/self-determination. How much freedom of decision do we have? We have shown how we do not determine our own genetics. Surely, if a child is stillborn, based solely on a genetic configuration, their destiny is quite spoken for. This broaches a near 100% destiny. The opposite end of the spectrum must also be investigated, which is likely surmised by being born with a highly capable genetic ability to perceive, calculate, and create, coupled with a growth environment that encourages the youth to explore their limits and make their own decisions, and capstones with a society that puts said youth in a central role of decision making as an adult. In between these two case extremes we all reside. Further, the constant flux and oscillation of all things allows position to change in an instant. We can see how our genetic code was not chosen by us.

Further, we can see how our childhood environment was predetermined. Lastly, we did not personally create the society that we are raised in. So what decisions are truly left for us to make? The answer lies from which position in your life you are perceiving the question, and asking it. Are you asking as a year one baby? Or are you asking as a 40 year old adult? Or is the question from the perspective of the journey, from year one to year 40? And ultimately, if your will will have it, if your ego will allow it, are you borrowing the perspective of all, putting your view with others, both near and far, living and dead, and seeing that the question is not only yours to ask?

So we take these tools, of perspective, of patience, of connection, and engage in an endless waltz. We jockey for position, sometimes alone, sometimes with others. Every decision we make believing it to be right in the moment we make it. Our only guide being the relative position of the people around us, the animals, plants, planets, and stars. It is with them we navigate our vessel. It is us who are bound to them and them who are bound to us. It is with this vicariousness that eternal happiness is achievable. Without fear, without prejudice, with cooperation, with leadership, the journey is ours to make.

Entertainment

The phenomenon of the rise of the United States of America has multiple roots. The Marshall Plan is certainly a pillar. However, the most enduring is the capture of the imagination. If people imagine the United States of America to be the greatest nation, it most certainly will be. And what has captured the imagination of the people is largely the entertainment industry. It is the American comedian, actor, musician, artist, athlete, poet, writer, etc. This collective has created a light so bright that people all over the world have watched, read, and been captivated by how such limelight is made possible. If this manifestation of freedom is jeopardized, the people will instantly lose faith, and the notion of greatness will wither.

Applying our understanding of our physical universe to entertainment, one can see how tragedy is the same as comedy. These are relative terms. One person's tragedy is always another person's comedy and vice versa. It is with this boldness that the American entertainment industry was able to thrive so long. With the freedom to victimize within reason. With the freedom to express oneself that is emboldened by the First Amendment to the Constitution. This ability to criticize has fueled the American Spirit and has shown the entire world what awaits them on a higher level of existence.

Education

The beauty of the truth is once you learn it, you cannot unlearn it. So, if the goal of education is to teach, certainly children must be taught the truth. The question is which truths? When? In what sequence? And the answer lies in when the child wants, when they are ready. All children love to ask questions. When they ask a question, they are not asking for a lie. They are asking for the truth. To deny a child the truth is to lie to them. To lie to children is antithetical to all notions of education.

For a society to be strong, it must be made of strong individuals. To create strong individuals, you must raise strong children. The strength of a child's education should lie in their ability to create, and not be hampered by continuous restraint. As the system of education evolves, we must make strides to ensure that the education a child receives is unbiased, and it is the uniqueness of the child that is allowed to flourish. This can be achieved by a system that provides identical stimulus for all, and leaves room for unique feedback. If the true safety of the child is accounted for, if access to resource is accounted for, the will of all to ask questions and receive answers will push our societies forward.

Medicine

To understand what is medicine, one must first understand what is health? What does it mean to be healthy? It is only with this knowledge that one can set their goal and in turn strive to achieve it. For some people, a peanut is nutritious, tasty, and enjoyable to eat. For others, it will send them into anaphylactic shock and kill them. Same goes for honey, shellfish, chocolate, antibiotics. At the end of the day, virtually every consumable has a gradient of health to harm for every person, and it varies from individual to individual. Therefore, the definition of health varies from person to person, being to being, and must be tailored to receive the optimal outcome.

There are two large manifestations in medicine. The patient presenting to the doctor with the symptom vs the doctor searching for an ailment within the patient. Both are important and remain in a flux as all things in this universe have been shown to be. A broken arm is clearly a symptom that the patient will identify and present to the doctor. A slow growing tumor is one the doctor might have to seek out on examination and imaging and present to the patient. Both ends of the spectrum are prone to extremes that we wish to minimize. In the patient presentation, it would be of an ailment that does not exist. In the doctor presentation, it would be synonymous. Medicine, as with education, must free itself of waste and deception if it is to truly heal more than it harms.

One common ailment that medicine has a difficult time treating due to a poor philosophy is the notion of addiction. Currently, Alcoholics Anonymous, along with many other programs, perpetuate that addiction is to be considered a disease. This takes us down a dead end. Rather, we are all addicts. All humans are addicted to oxygen, for example. This is a gas that is capable of killing vast species on this planet. The goal to overcoming addiction is not to believe that addiction is the problem, but the problem is what you are addicted to. If you are addicted to something 100% of the time it is unhealthy, virtually regardless of what you are addicted to. If you are addicted to 100 things 1% of the time then it is likely healthy if those 100 things are worthwhile. Rehabilitation should be focused on redirecting the patient from the focus of their energy. To label the energy as the problem itself is disastrous and foolish.

The healthy sexual schedule of the reproductive age male is fornicating two times a day. For the healthy reproductive age female, it would be around three times a day. The female is more reliant on sexual satisfaction than the male mind for yet undefined reasons. The key in the difference of the male and female is the mindset when it comes to reproduction. The female has one egg, which is to be impregnated by one sperm. This results in her having the mindset of searching for a perfect sperm, or master sperm, that will fertilize her one egg, and give her the one child that she hopes to bear. The male mindset is the polar opposite, in which that every ejaculate is capable of fertilizing millions of female eggs. This results in the male having a more, "impregnate as many women as possible," mentality, which falls into the Darwinian definition of fitness. Indeed, it becomes apparent that the limitations on Darwin's emphasis of fitness are expressed here. As stated, Darwin attributes greater fitness to the ability to reproduce greater offspring. However, what about the selection that takes place in the female mindset? What about the desire to fertilize one egg, and create the perfect being as wished by the female mindset? What is this being capable of? Can this being not become more fit than two offspring of varying DNA and alternate upbringing? Of 1 million offspring? Of 8 billion?

6) Conclusion

The pursuit of romance. Is there a life among us that can ask for more? We have demonstrated on a biological scale how our driving force tilts between survival and reproduction. Let us try to fuse these opposite poles in a never-ending symphony. Let us see the massive work of art that we are all a part of. Let us depend on each other to perform to the best of our abilities. If we choose to believe in the unconditional love of our creator, then the highest extreme of this love would be that the creator made us to be stronger in every way, at a certain point in space perhaps. As the father truly never renders himself defenseless against the child, so too must the will of survival never be extinguished in our universal father. And what noble child would wish it so? We all grow up seeing our parents as gods until this ideal is shattered in one way or another. As our father propels us forward, so too we shall propel our children. As we continue to see the energy that binds our generations, let us see the momentum that pushes us forward. We have traveled a great distance together. The point we are reaching is one where we look over our shoulder less and less, like a child who has shed their training wheels. It is one where we need not look side to side in comparison. It is one where we all shift our collective gaze forward and state, "This is who we are, and that is who we will become."