

# IDEA



# SEEDS

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## Ideas

Though entirely cerebral, brought into being by thought alone, when represented in word and presented, enabled then to propagate the world over. Once released, ideas wend their way in free agency, equal contenders for a place among their fittest peers. All that's required for their continued evolution is the broadcast of their seed, in good faith... may the best and brightest find fertile minds.

## Light

The seminal revelation of Albert Einstein's relativity revolution was that if the speed of light is invariant and absolute, then the motion parametrics of space and time must be velocity variant. It followed that at lightspeed these metrics go "singular" meaning everything *then* is happening everywhere *now*. If the electromagnetic field is truly omnipresent and universal, then the nature of light is 'super'natural, and its bandwidth effectively infinite. We've only just begun tuning in.

## Photons

Those stellar photons from outer space, traveling billions of miles and thousands of years merely to terminate on *your* retina, are not really that old at all. Photons are regenerative electromagnetic pulses riding this same instantaneous "now" as when first emitted. Moreover, they *omni*-propagate, simultaneously transecting every other photon, from every other star, at every 'point' in space!

## Black Holes

Gravitational singularities exist only in absentia. Go to the mass locus at the center of our galaxy, or any center-of-mass for that matter, and what do you find? Absolutely nothing. Nothing but the direction to the next nearest greater gravitational center. The *absence* of a black hole is revealed *non*-locally by observing the motion of everything around it.

## Matter

Particle physicists have determined that most of matter is really empty space. Even the massive constituents of matter, the electrons and quarks, have vanishingly little mass. Nearly all of the 'mass' of matter exists between particles, in the binding energy of the electromagnetic and gluon fields. Heavy is mostly empty!

## Antimatter

Physicist Richard Feynman observed that a proper accounting of antimatter amounts to their matter counterparts going "backward" in time. If every particle appearance is paired with its antiparticle then this 'walking back' represents the perpetual vanishment of the present prompting this next refreshment.

## Creation

Deepest within the quantum domain of theoretical physics is found the genesis engine of reality—the "wavefunction". This is where energy potential materializes. What ultimately becomes our world is a superposition of the highest amplitude resultants—the *most* probable outcomes. Creation is not by accident.

## Life

The *potential* for life must have preceded its beginning, meaning, the emergent evolution of biological processes, on a water and nutrient sufficient planet, rotating in orbit around its parent star, is *in* the design. Life likely knows where it's going. It just doesn't know if or how on Earth it's going to get there.

## Environmentalism

Crises hyperinflation and the exploitation of worse case consequences have regrettably become defining affiliates of environmental advocacy. Such orchestrations surely produce as much skepticism as conviction, given how inaccurate forecasts of our global demise have proven to be. Stop—you're only frightening folks. The expanding future will be a dynamic synthesis of emergent events impossible to predict. What is predictable is that human ingenuity will continue to deliver innovative solutions.

## Exceptionalism

America *is* exceptional, the sole progeny of the brightest parentage in human history—the European Enlightenment. Its founding fathers were among the best and brightest of their generation. They were part and parcel of perhaps the greatest emancipation of human potential in history. They brought the aspirational ideals of liberty, reason, and science to our shores. The ascendancy of the United States to global preeminence was the direct expression of its exceptional constitutional pedigree. May it live long and prosper.

## Liberty

The American ideal is an experiment testing the "wisdom of the crowd" hypothesis. Can a diverse nation bound only by a common Constitution, governed from the bottom-up by the informed consent of the 'crowd', perform better than those governed top-down by the central command and authoritarian control of a select few.

## Revisionism

It is wrong for us to judge our predecessors by the moral measures of today. Everyone becomes the world they happen to be born into. We can't re-vision their worlds any more than they could have envisioned ours.

## Morality

Imagine a moral "View-Master" wherein the reel of stereoscopic images are those of your closest friends and associates. If in rotating the reel, it matters not that the selected subject is the deserved recipient of the action under consideration, then it most likely passes the morality test.

## Justice

The death sentence is justifiable. Death row, however, inflicts cruel and unusual punishment by sustaining the suffering for all involved. Once timely due process has judiciously concluded that the actions of an individual were so egregious as to warrant the forfeiture of all their remaining rights to happiness, liberty, and life, they should promptly be provided a merciful release. Grant them summary passage in the euphoric rush of an opiate overdose. It's the least we can do.

## Gender

There's nothing binary about biological gender expression. Every human being produces varying ratios of both male and female hormones. Each is a unique mix of genetic, epigenetic, cultural and social circumstance, and since the beginning of our kind, gender identity is something everyone figures out. That federal intervention was deemed necessary to help future generations cope with the challenge posed by restroom doors, is not merely ludicrous, but indicative of just how intrusive and overindulgent governing sensibilities have become.

## Sex

If biological necessity correlates with resulting reward, then sexual satisfaction, for men especially, ranks most important. Human beings may be naturally rewarded for falling asleep, find great pleasure in eating, drinking, and socializing, but to only one activity is afforded the ultimate reward—an orgasm. No greater untold suffering has accrued from any misunderstanding moreso than from the renunciation of this most important of biologic needs.

## Woman

The mother's womb, the very source of human life, should be deemed sacrosanct, and this sanctity, uniquely, belongs to her. As in previous generations immemorial, it is she, and those in her trust, who shall ultimately choose, prior to, or upon delivery, whether to secure and comfort, or reject, the fruit of her pregnancy. Mother and fetus are one until the umbilical is severed. It's the whole of creation.

## Men

Human males are sexually hard-wired prior to the maturity of their frontal cortex, able to procreate years before fully enabled with situational self control. Why? Our early ancestors didn't live all that long and thinking only gets in the way.

## Healthcare

There isn't enough money to make even one person healthy if one is not first truly committed to doing so. That those willing and able to maintain the dietary, mental, and physical fitness required for optimal health, are for the most part, insuring the health care pool for all those unwilling, unable, or unaware—unable to pay the costs, is unsustainable. This is exacerbated by the prevailing notion that healthcare is a human "right", to extend unchecked by selective pressures, as presumably everyone is entitled to whatever they 'need'. The resulting prognoses is that a boundless demand curve, driving healthcare inflation likewise, and its administrative overhead, will subsume an ever greater share of the host nation's resources.

## Equality

Nowhere in biologic genomic expression do we find any other than a normal "bell curve" general distribution of outcomes. Equality is not only unattainable, but undesirable, as evolutionary progress requires prolificacy of the extraordinary. Incentivizing success leads to a better outcome for the *all* of us.

## Free Will

That human beings can consciously subordinate an autonomous survival instinct to willfully terminate their lives, conclusively proves that our "free will" is an actual agent, and not—as some maintain, merely an illusory loop in the brain. Free will agency apparently claims the inherent right to willfully terminate one's life.

## Desire

How will a finite biosphere successfully sustain for evermore, a populating, dominant species, inherently intent on satisfying an insatiable desire for ever more.

## Null Results

When it comes to the timely recognition of one's contribution, Vincent van Gogh is the patron saint of null results. Nearly everyday of his adult life he created a masterpiece, while impoverished, for although his brother was an art dealer, sold only one. An entire life's work of little apparent value, today is valued among the greatest any artist ever produced. St. Vincent painted despite a null result.

## Perception

Van Gogh's paintings present an essential truth about the nature of perception, that via our senses, the mind *then* renders all the world—clouds, hills, trees, flowers, even people, with the same cognitive 'brushstrokes'. The world we perceive is a creation of mind.

## AI

Artificial intelligent agents will never acquire emergent capacities 'greater' than the sum of their parts. No assembly of integrated circuits will ever synergize, simulate, or assimilate our emergent sense of a *unitive* "self". It takes one to become one.

## ET

It's possible some of our inner galactic neighbors may already know we're here. Advances in photon astronomy will one day enable earthlings to detect electromagnetic fields generated by advanced civilizations in other solar systems.

## Space

Is it really worth sending human beings beyond lunar orbit, given the complexity of the problems, the costs, and the risks? Be smarter—move mind, not people. Explore the solar system with successive generations of ever more capable, virtual telesensing, intelligent automata unencumbered with biological baggage. Robotics operators virtually sense the *experience* of actually being there.

## Fire

From the stone age, to the bronze, the iron, the petroleum, the nuclear fission and fusion ages, to CERN's LHC at nearly the speed of light, if the mastery of energy is an evolutionary measure of progress, then human civilization may be approaching the zenith of its energy potential.

## Mind

Our species won't be physically expanding outward in any significant manner. The space between objects is too vast. 'Meta'physical space, however, is ours for the taking. Think of mind as the vehicle, you are the intellect behind the wheel, and consciousness the ultimate frontier we're becoming ever more conscious *of*.

## Mathematics

"Transfinite" numbers are indeterminate values in forever defining refinement. The geometric constant Pi is an example. Many other natural constants numerically extend beyond the margins of empirical accuracy and may be transfinite as well. That reality defining, universal constants, appear quantitatively indeterminate, is a reminder that while mathematics remains remarkably well suited to modeling its profundities, the Universe is profoundly greater than its mathematics. What does it mean, after all, that the speed of light appears most likely transfinite.

## Infinity

Need some help with the idea of infinity? Try this: Whatever biggest number you can think of—no matter *how* big, is near the beginning of the infinite number line.

## Continuity

The "continuity" of the number-line continuum isn't found in the infinity of points therein. Every single point is finally finite. When counting, all that exists between this one and the next is *time*, ergo—continuity is found in the temporal dimension.

## Time

Did you know the faster you go the less time it takes to get there? No, really, actually *less* time. The faster a stopwatch is moving the slower it runs. For real. Why? Because at its fastest—the speed of light, there's no time at all!

## Knowledge

Godel's incompleteness theorem: There is no complete knowledge. Higher orders of comprehension could always exist for which thus far we are unaware.

## Understanding

Kierkegaard's conundrum: Understanding requires looking back, surviving the present requires looking ahead—understanding the present escapes us!

## The Present

The instantaneous, omni-expansion, of an original "Big Bang" will always be just that—instantaneous, meaning this perpetually refreshing, incandescent instant, expanding *in time*, is passing in the blink of an eye.

## Now

Reach one second into the future, or into the past, and what would you find? Absolutely nothing. *This* moment is all there is. It's all there'll ever be. And for all you know, before you know it, this may be your last. Be now!

## Consciousness

Is the Universe conscious? Well, we know it's at least as conscious as we are. We further know that the *potential* for consciousness necessarily preceded us. We're not unexpected. We're supposed to be here.

## Attention

Our most valuable asset, that which we'll only ever have one of, that which the world tirelessly seeks to obtain, is our conscious focus of attention. Where we put our attention we make more of. The choice of where we direct it determines who we are. It's what we become.

**Reading**     Walking a while in another person's mind.

### Location, location, location

Human consciousness is curiously emerging at the mid-range of the physical magnitude continuum, about halfway between the most distant galaxies and the innermost constituents of matter. Best seat in the house.

### You

Every element in your body but hydrogen and helium originated deep within the interior of a faraway star many billions of years ago. Everything gets recycled. The only part of you that will be lost is you—the identity coded in your genome.

### Introspection

To know the world know yourself. Just as the elements within a star remove what's missing from its spectrum, the 'elements' within ourselves remove what's missing from our worldview. To see the full spectrum remove yourself.

### Intellect

This moment is infinite in every direction, everywhere, no matter where we are. How ever far we fathom is to only scratch the surface. Yet the scratching must never cease. It's how the edge of the intellect is honed for looking ever farther.

### Horizons

The next big wave always appears first on the horizon. Look beyond the popular paradigms for the next higher order of truth. New truths are always *un*popular.

### The Question

There's really only one question: In the wink of a cosmic eye, with an eternity before and an eternity after, we briefly find ourselves here, conscious participants in an emergent Universe. There didn't have to be anything at all! *What is this?*

### Religion

No celestial phenomena more profoundly shaped the psyche of our early ancestors than did the terror invoked by the lunar eclipse of the sun. Imagine, the improbable coincidence of the moon and sun's ratio of diameter to distance, caused the source of our heat, our light, to periodically vanish! Thank god religion made it return.

### Peace

Alone we make the passage into life, likewise we shall depart. All that connects the two is you. Make peace with life within yourself and for life it shall be yours.

## Communion

The black man with dreads in a brightly colored robe, without saying a word, invited the three guests to have a seat around a candle flame centered in the room. Incense was in the air. The only sounds were those of cars passing on the street below. As he joined the circle his shadow ascended and hovered on high upon the ceiling. Carefully, reverently, he rolled a joint, lit it, and passed it to his guests. Watching intently as each inhaled, taking no more himself, he passed it around again, once more, then snuffed it out. For a silent spell they simply sat, the single flame the focus, until the robed man slowly rose, and never saying a single word, four minds departing as one, walked us to the door. This was my cannabis initiation and I haven't a clue who this holy man was.

## Strawberry Fields

It was just an ordinary shopping routine, inspecting the containers of strawberries before selecting the best, when someone approached on my right, a woman I sensed, and began doing likewise. In one of those impulsive plays it's so often better to resist, I chanced: "When you find a good one can I have it?" She chuckled and said, "sure, if you'll do the same for me." So here we are each looking for the best container, even better I suspect than before, because now we wish to impress. After a moment, with strawberries in hand, we looked up and exchanged our selections with whimsical grins, parted with pleasantries, and went our separate ways. That every so often, with so many swings and misses, and grounders, one clears the fence, is what makes continuing to try so irresistible.

## Silence

Be very quiet  
 Listen in on the sound of silence  
 That celestial ringing you'll begin to hear  
 Is the white noise of your cerebral neural network  
 Tune in sometime  
 It's divine

