

# Human Enhancement and Christianity

*Dr. Lawrence Terlizzese says that our obsession with perfection and improvement drives the human enhancement movement. But the key is to rest instead in Christ's perfection.*

## Perfection and Human Enhancement

Americans want to be perfect and the science of Human Enhancement promises to deliver that ideal. Perfect looks, athletic ability, intelligence, greater productivity, increased longevity and even moral perfectionism are all within reach or so many think. Human Enhancement is the current fashionable term for all the new ways to alter the body and mind to make people more fit and adaptable to the ever changing pace of progress. Human Enhancement is not an organized school of thought, but a societal-wide trend aimed at achieving perfection. Drugs can be used to enhance an athlete's physical performance in order to perfect his swing or increase a student's intelligence by improving memory and attention span, creating a straight A student. Cosmetic surgeries make women more beautiful and appear younger. The right administration of certain drugs will increase empathy in the brain and help prevent spousal infidelity. Growth hormones given to children make them taller and increase their chances of success. Sex selection is now possible so that you can have the perfect boy/girl balance in your family. Eventually embryos will be screened to remove undesired genes that lead to obesity or genetic diseases and even determine hair, skin and eye color. You will be able to custom order the perfect child.



The crux of the Human Enhancement issue surrounds values of perfectionism that desire the technology necessary to make these things possible. Perfection represents a controlling obsession for many Americans. We demand perfect grades from our children. An A- can question an entire academic career. Why not an A? We demand perfection at work. Americans are the hardest workers in history, who have internalized the Protestant Work Ethic like no other people.

And most of all we want perfect bodies that defy age and sickness, epitomizing youth and vitality. Women suffer the hardest under the burden of perfection. Media is saturated with images of young beautiful blonde bodies selling things. Writer Natalia Ilyin asks in her book *Blonde Like Me* the important questions concerning beauty; “Where does our fetish for measurement come from? How do we decide that one person is more good-looking (and therefore ‘better’) than another? Why do comments made about our fat go to our bone? What happened along the way that made size six beautiful and size twenty a crisis?”[\[1\]](#)

Perfectionism reveals the age old desire of humanity to aspire to divinity. In the past we only had myths to follow, but today enhancement technology brings the realization of perfection ever closer.

## **Apollo as the Old Greek Ideal**

We derive our ideals of perfection from historical precedent and desire to master ourselves and the world around us. Our Puritan heritage is one major source for our obsession with work, thrift, education and industry. Our moral perfectionism has an ancient history we can trace as far back as the fifth

century monk Pelagius who advocated moral perfection and the power of the will and works righteousness. But our obsession with bodily perfection is even older, and like so many things in the modern world it has its roots in the ancient Greeks. Ilyin notes that "Measurement is the apparatus of mankind's search for perfection. We hear all our lives about the 'perfect body,' 'perfect proportion,' 'perfect features.' But what does perfect mean, really? Where do we get the idea of 'perfect?'"[\[2\]](#)

The Greek philosopher Plato taught that perfection exists in an ideal world outside the everyday one. The perfect apple exists as an idea and common apples we come into contact with are pale imitations of that ideal. None of the apples we see can compare but they all derive their nature as apples from the ideal.

Greek religion, too, is still present in striving for perfection. Apollo the sun god was believed to embody the perfect human form: young, blond, athletic and male. A beautiful body meant a beautiful mind. "Your blond hair meant that the purity of the sun lived within you. Apollo's blond symbolized the beauty of the power that could order and control nature. It symbolized the beauty of the rational mind."[\[3\]](#) The burden of physical perfection was not always the concern of women, but was first located in young men. However, because the Apollo Cult was homoerotic the image of perfection was transposed to women in Christian times. The beautiful blonde images that consume our culture, such as the blonde on the cover of *Shape* magazine, are really "Apollo in drag," as Ilyin states.[\[4\]](#)

The burden of female perfection reverberates in a recent song by Pink who sings to her daughter,

*Pretty, pretty please  
don't you ever ever feel  
like you're less than perfect;*

*pretty, pretty please  
if you ever ever feel  
like you're nothing,  
you are perfect to me.*[{5}](#)

The ideal of perfection has a way of making us feel like we can never measure up.

Perfection represents an unrealistic goal in any area of life and will always produce the accompanying sense of failure. The desire for divinity as imitation of Apollo or the perfect human form, a striving towards an angelic existence, will always let us down.

## **Eugenics and Human Enhancement**

The goal of Human Enhancement is to improve humanity. This sounds like a noble intention, but as we uncover its meaning it appears to be fraught with complications. In the past this was known as *eugenics* or the science of human breeding. Most famously, eugenics is remembered as the basis of Nazi genocide, but it was extremely popular in the United States as well, which served as inspiration and precedent for the Nazi program. Many laws were passed in the 1890's and early 1900's preventing the "feeble-minded," or epileptic, schizophrenic, bi-polar and depressed individuals from marrying and imposing forced sterilization in order to inhibit them from passing on their negative traits.

Eugenics was discredited after the holocaust. Society abandoned it with good cause, yet eugenics is making a comeback. With the advent of biomedical technology it is now possible to continue the goal of trait selection. Prenatal testing for diseases through the procedure of amniocentesis identifies many complications such as Tay-Sachs, Down Syndrome, sickle-cell anemia, hemophilia, and cystic fibrosis, and also tells the sex of the child. Although prenatal testing

can result in early treatment, women may also choose to terminate their pregnancy. This practice has already resulted in an imbalance between male over female children in some regions of India. Ethicists fear the practice will eventually lead to the termination of fetuses believed to carry the genes for obesity, homosexuality, alcoholism and like a ghost from the past, *low intelligence*, even if these genes do not actually exist.[\[6\]](#)

The philosopher Philip Kitcher notes two types of eugenics. The first is known as coercive eugenics and was implemented through state manipulation. Second, he identifies a new kind of eugenics called “laissez-faire eugenics,”[\[7\]](#) also called “liberal eugenics” because it holds the individual choice of trait determination as sovereign. Through sex selection the perfect boy/girl balance may be achieved along with the elimination of perceived birth defects and genetic flaws, sparing parents the anguish of watching children die slow deaths. However, prenatal testing that leads to trait selection does not resolve the quandary of abortion that is currently necessary to achieve parental goals. Eugenics is grounded in values and preferences for a certain type of person justified under the rubric of “improvement.” The new eugenics offers no opposition to market forces from eventually predetermining any physical characteristic thought most advantageous for success in liberal society, and may return us to the Superman ideal. History teaches the dangers of preoccupation with perfect human form, but people have no ears to hear the lessons of history. We appear destined to repeat the mistakes of the past if we do not change our values that prize strength over weakness or curb our desire for perfection in our children.

## Cyborgism

Human Enhancement adopts the cyborg image as its ideal. “Cyborg” was a term coined in 1960 by Manfred Clynes and

Nathan Kline, two research scientists wanting to redesign the human body in order to make it adaptable to the inhospitable environment of outer space. It has since come to be applied to the entire human and technological merger. Cyborg is short for *cyber organism*. A cyborg is any living thing that has been adapted to a technological apparatus so that the two are now inseparable. The first animal cyborg was a rat in 1960. It had a Rose osmotic pump attached to its tail which injected chemicals into the body in order to regulate its life support system.[\[8\]](#) Cyborgism is the belief that human adaptation to technology represents the natural development of evolution. Humanity has always used some form of technology, whether fire, knife or arrow, to enhance its existence. The current trend towards our complete absorption into a technological world represents the culmination of a long symbiotic relationship between humanity and its machines. People are, as philosopher Andy Clark says, "Natural-Born Cyborgs."[\[9\]](#) This view argues that we are technological animals, meaning it is human nature to use technology and define ourselves by it.

In her famous essay *A Cyborg Manifesto*, Donna Haraway argues that the Cyborg is the new metaphor or ideal of human existence because it simultaneously transcends and includes all differences.[\[10\]](#)

Both theories argue that the lines of demarcation between humanity, nature and machine are rapidly disappearing. Like a scene out of the movie *Blade Runner* we are rapidly approaching a time where the organic and inorganic worlds will completely merge and the words "natural," "human," and "machine," will no longer mean different things.

This position does not view humanity as either special in some way, or distinct from nature, or possessing a rational soul. It springs from materialism [the worldview that says there is no reality beyond the physical, measurable universe]. Clark argues that this ancient prejudice blinds us from our true technological nature.[\[11\]](#) Clark is right in identifying what

Christians call the *imago dei* or image of God as the primary demarcation between humanity and the rest of nature. If this traditional boundary line is lost, the current ideal of “improvement” and “perfection” that leads to a higher evolutionary form can flourish unimpeded.

## Perfection in Christ

Human Enhancement has restored sight to the blind, brought hearing to the deaf, enabled the lame to walk, and healed diseases—things once thought only possible by miraculous powers. It promises to extend our life expectancy and further increase communication. The realm of possibilities does appear limitless to what new technology will accomplish. However, the ideal of perfection driving our technology is based on an overestimation of human powers and the failure to recognize that our perfection has already been accomplished.

Christians can agree that human beings are technological animals. This is no different than when Aristotle said people are social animals. This just means it is human nature to be social or technological; but we disagree with the notion that we are nothing more than that. Although we were made in the perfect image of God (Gen. 1:26), that image was lost in part due to Adam’s sin. We can survive in the harsh conditions of the natural world with technology, which is nothing more than extensions ourselves. But we cannot restore that image without a spiritual rebirth that only God can give us through the work of Christ which we appropriate by faith. Technological enhancement will not lead us to perfection. “Man cannot live by bread alone” (Matt. 4:4). The Bible calls Jesus Christ the “last Adam” (1 Cor. 15:45) by which it means he was the perfect man sent to restore the human race. “And having been made perfect, He became to all who obey Him the source of eternal salvation” (Heb. 5:10). Humanity constantly strives to recover that lost image through its own good works and religious striving. The technological fetish of our day is

simply another form of that works righteousness or humanity trying to earn its own salvation and perfection. It is the old works righteousness of the Pelagian heresy dressed up in modern garb.

You are called to find your rest in Christ, to accept who you are and not to imitate Apollo (physical form and beauty) or the Cyborg (technology and progress) in reaching for perfection, for they are redeemed in Christ as well. Christ has already accomplished perfection and we are perfected in Him; "you have been made complete [perfect] in Him" (Col. 2:10). And through Christ we can extend his example of perfection to the world. "For I am confident of this very thing, that he who began a good work in you will perfect it until the day of Christ Jesus" (Phil. 1:6). Stop striving for a perfect ideal you can never reach. The Psalmist writes, "Be still and know that I am God" (Ps. 46:10). This is a very difficult task for perfectionists. Our charge is to accept the perfection of Christ, to accept that we have been accepted in Him!

## Notes

1. Natalia Ilyin, *Blonde Like Me: The Roots of the Blonde Myth in Our Culture* (New York: Touchstone, 2000), 111.
2. Ibid.
3. Ibid., 112.
4. Ibid., 113.
5. Pink, "Perfect" in *Greatest Hits...So Far!!!* La Face Records, 2010.
6. Philip Kitcher, *The Lives to Come: The Genetic Revolution and Human Possibilities* (New York: Touchstone, 1997), 188.
7. Ibid., 19.
8. Andy Clark, *Natural-Born Cyborgs: Minds, Technologies, and the Future of Human Intelligence* (New York: Oxford University Press, 2003), 15.
9. Ibid., 26.
10. Donna J. Haraway, "A Cyborg Manifesto: Science,



Technology, and Socialist-Feminism in the late Twentieth Century” in *Posthumanism*, ed. Neil Badmington (New York: Palgrave, 2000), 69-84.

11. Clark, *Natural-Born Cyborgs*, 26.

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## Darwinism and Religion

[Yesterday](#) I talked about the charge that intelligent design is not science but religion. Today I would like to look at the other part of the debate. Does Darwinian evolution function as a sort of secular religion?

Nancy Pearcey writes in her book *Total Truth* that “Darwinism functions as the scientific support for an overarching naturalistic worldview.” Today scientists usually assume that scientific investigation requires naturalism. But that was not always the case.

When the scientific revolution began (and for the next three hundred years), science and Christianity were considered to be compatible with one another. In fact, most scientists had some form of Christian faith, and they perceived the world of diversity and complexity through a theistic framework. Nancy Pearcey points out that Copernicus, Galileo, Kepler, Newton, and others sought to understand the world and use their gifts to honor God and serve humanity.

By the nineteenth century, secular trends began to change their perspective. This culminated with the publication of *The Origin of Species* by Charles Darwin. His theory of evolution provided the needed foundation for naturalism to explain the world without God. From that point on, social commentators

began to talk about the “war between science and religion.”

By the twentieth century, G.K. Chesterton was warning that Darwinian evolution and naturalism was becoming the dominant “creed” in education and the other public arenas of Western culture. He said it “began with Evolution and has ended in Eugenics.” Ultimately, it “is really our established Church.”

Secular evolutionists may not have church services, but it is easy to see that naturalism and Darwinism have become the main pillars of a secular view of the world. That may explain why most debates about origins quickly become so intense. Expect more and more controversy as scientists and commentators challenge the theory of evolution.

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## **Into the Void: The Coming Transhuman Transformation**

In the TV show *The Six Million Dollar Man*, Lee Majors played Steven Austin, a crippled astronaut who was rehabilitated through bionic technology that gave him superhuman strength and powers. The show, like so much science fiction, presents us with the dream that technology will enhance all our facilities from sight to memory, hearing to strength, and lengthen our life span to boot. The bionic man represents a fictional forerunner of the transhuman transformation. The Transhumanist school believes that technology will not only enhance the human condition, but eventually conquer death and grant us immortality. Human enhancement technology performs wonders in allowing the lame to walk, the blind to see, the deaf to hear and the sick to be well, but even immortality is out of the reach of technology. In striving to enhance our physical existence we may lose our souls in the process.

In his famous book, *The Abolition of Man* published in the 1940s, C. S. Lewis wrote that modern society is one step away from “the void”[\[1\]](#)—“post-humanity,”[\[2\]](#) a state of existence from which there will be no return. Lewis argues that when we step outside of what he calls the Tao[\[3\]](#), we lose all sense of value for human life that has always governed civilization. What Lewis calls the Tao, we might call Natural Law or Traditional Morality—that internal moral understanding of right and wrong which God has written on the hearts of all people (Romans 2), the *Logos* by which all things were created (John 1, see especially verse 4).[\[4\]](#)

In leaving traditional spiritual values behind, Lewis argues, modern technological civilization has reduced human value to only what is natural, and we have lost our spiritual quality. Modern society has striven to conquer nature and largely succeeded, but at a great cost—with each new conquest, more losses in human dignity, more of the human spark extinguished. Lewis offers the example of eugenics from his time in the 1930’s and 40’s.[\[5\]](#) Eugenics is now a debunked science of racial manipulation and something we know was practiced with particular ferocity in Nazi Germany.[\[6\]](#) But the driving philosophy of manipulating nature and humanity into something new and final remains prominent. Lewis underestimated the truth of his own prophecy. He thought that maybe in 10,000 years the final leap will be taken when mankind will solidify itself into some kind of inert power structure dominated by science and technology.[\[7\]](#)

However, the 21st century may prove to be the era of posthumanity that Lewis foresaw in his time. The current movement of transhumanism, or human enhancement, asserts that humanity will eventually achieve a new form as a species through its adaption to modern computer technology and genetic engineering in order to reach a higher evolutionary condition. Our present state is not final. Transhumanism derives from Darwinian doctrine regarding the evolution of our species.

Evolutionary forces demand that a species adapt to its environment or become extinct. On this view, many species experience a pseudo-extinction in which their adaptation gives way to another kind of species leaving its old form behind. Many evolutionists believe this happened to the dinosaurs on their way to becoming modern birds and that humanity faces the same transformation on its way up a higher evolutionary path.[\[8\]](#) Primates evolved into humans so humans will eventually evolve into something higher (posthuman).

## Metaman

Our present condition will give way to the cyborg (which is short for cybernetic organism) as we join our bodies and minds to technological progress. Transhumanists believe that because Artificial Intelligence (computing power) advances at such a rapid pace, it will eventually exceed human intelligence and humanity will need to employ genetic engineering to modify our bodies to keep pace or become extinct. Therefore, the cyborg condition represents humanity's inevitable destiny.

The two predominant pillars in transhumanism revolve around Artificial Intelligence (AI) and genetic engineering. One represents a biological change through manipulating genes. The other presents the merging of human intelligence with AI. The biological position (through use of genetic engineering) claims that through transference of genes between species, we eradicate the differences and create a global superorganism that encompasses both kinds of life—the natural and the artificial. Biophysicist Gregory Stock states that once humanity begins to tamper with its genetic code, and the codes of all other plants and animal species, that “the definition of ‘human’ begins to drift.”[\[9\]](#) Through genetic engineering we will transform the human condition by merging humanity with the rest of nature, thereby creating a planetary superorganism. A superorganism operates like a bee hive or an anthill as a collection of individual organisms united as a

living creature. Stock calls this Metaman, the joining of all biological creatures with machines, making one giant planetary life form. This superorganism encompasses the entire globe.

Transhumanism presupposes that no distinction exists between humanity, nature or machines. Metaman includes humanity, all it creates, and also the natural world. It acknowledges humanity's key role in the creation of farms and cities, but includes all natural elements, such as forests, jungles and weather. Metaman includes humanity and goes beyond it.[{10}](#) Stock envisions a greater role for genetic engineering in redefining biological life as different species are crossed. Humanity may now control the direction of its evolution and that of the entire planet.

Stock states that through "conscious design" humanity has replaced the evolutionary process.[{11}](#) This leads us to Post-Darwinism where people have supplanted the natural order with their own technological modification of humanity and the entire ecological system. "Life, having evolved a being that internalizes the process of natural selection, has finally transcended that process."[{12}](#) Humanity may now, through the agency of technological progress, seize direction of its development and guide it to wherever it wants itself to go. No other species has ever controlled its own destiny as we do.

## **The Singularity**

A second transhumanist belief argues for the arrival of an eventual technological threshold that will be reached through the advancement of Artificial Intelligence. The argument goes like this: because AI develops at a rapid pace it will achieve equality with the human brain and eventually surpass it. Estimates as to when this will happen range from the 2020's to 2045. The evolutionary process will reach a crescendo sometime in the 21st century in an event transhumanists call "the Singularity."[{13}](#) There will be a sudden transformation of consciousness and loss of all distinction, or Singularity,

between humanity and its creations, or the absence of boundaries between the natural and artificial world. Singularity watchers expect that this event will mark the ultimate merging of humans and machines. Renowned inventor and AI prophet Ray Kurzweil states, “The Singularity will allow us to transcend these limitations of our biological bodies and brains. . . . There will be no distinction, post-Singularity, between human and machine. . . .”[\[14\]](#)As the fictional CEO and mastermind behind a cutting edge AI company in the year 2088 crowed, “My goal is for us to end death as we know it on earth within 50 years—for the essence of every person to live perpetually in an uploaded state. . . . The transhuman age has dawned.”[\[15\]](#)

Both of these positions, one emanating from genetic engineering that seeks to enhance the body, the other from Artificial Intelligence that seeks to supersede and even supplant the need for bodies, argue for the eventual replacement of humanity with biological-machine hybrids. Metaman and Singularity systems are direct heirs of the modern idea of progress. They present the dawning of a technological Millennium, but they also share a long history dating back into medieval Christendom. In the early Church, technology, or the “mechanical arts,” was never considered as a means to salvation or Edenic restoration. Historian David Noble argues that from Charlemagne to the early Early Modern period technology became associated with transcendence as the means of restoring the lost divine image or *imago dei*.[\[16\]](#)

Theologian Ernst Benz argues similarly that the Modern technological project was founded on a theological notion in which humanity believed itself to be the fellow worker with God in establishing His kingdom on earth through reversing the effects of the Fall.[\[17\]](#) We are fellow workers with God; however, this position overemphasized humanity’s role in restoration to the point of becoming a works-based salvation of creation.

Despite the apparent secularity of the super science behind all the technological wonders of our time, the notions of modern progress and transhumanism remain grounded in an aberrant form of Christian theology. Noble summarizes this well when he states, “For modern technology and modern faith are neither complements nor opposites, nor do they represent succeeding stages of human development. They are merged, and always have been, the technological enterprise being, at the same time, an essentially religious endeavor.”[\[18\]](#) The theology behind Modern technological progress remains rooted in Medieval and Early Modern notions of earthly redemption when the “useful arts,”[\[19\]](#) which ranged anywhere from improved agricultural methods to windmills, were invested with redemptive qualities and humanity began to assume an elevated status over nature. “In theological terms, this exalted stance vis-à-vis nature represented a forceful reassertion of an early core Christian belief in the possibility of mankind’s recovery of its original God-likeness, the ‘image-likeness of man to God’ from Genesis (1:26), which had been impaired by sin and forfeited with the Fall.”[\[20\]](#) Technology becomes the means of restoring the original divine image. Technological development was expected to reverse the effects of the Fall and restore original perfection. This theology also serves as the impetus behind Millennial thought which believes technology helps humanity recover from the Fall and leads to an earthly paradise. Transhumanism extends this Millennial belief into the twenty-first century.

## **Redeeming Technology**

We are faced with the problem of how to redeem all the advances of technology such as human enhancement without losing ourselves in the process. Idolatry preoccupies our central concern with technology. Biblically speaking, idolatry exalts the work of humanity, including individual human beings, over God; we commit idolatry when we serve the creature rather than the Creator. “Professing to be wise, [we]

became fools, and exchanged the glory of the incorruptible God for an image in the form of corruptible man and of birds and four-footed animals and crawling creatures” (Rom. 1:22-23). Theologian Paul Tillich offers a keen and insightful definition of idolatry when he states, “Idolatry is the elevation of a preliminary concern to ultimacy. Something essentially partial is boosted into universality, and something essentially finite is given infinite existence.”[\[21\]](#) Transhumanism presents us with a spiritualization of technology believed to grant us immortality through shedding our bodies and adopting machine ones or through genetic engineering that will prolong bodily life indefinitely. Our Modern age defines technology as a source of material redemption by placing finite technical means into a divine position, thus committing idolatry.

In seeking to reconcile technology with a biblical theology we have three possible approaches. *Technophobia* represents the first position. This view contends that we should fear technological innovation and attempt to destroy it. The Unabomber Manifesto offers the most radical, pessimistic and violent expression of this position, arguing for a violent attack against the elites of technological civilization such as computer scientists in an effort to return society to primitive and natural conditions in hopes of escaping the kind of future transhumanists expect.[\[22\]](#) However, the entire tenor of our times moves in the opposite direction, that of *technophilism*, or the inordinate love for technology. Transhumanism optimistically believes that through technological innovation we will restore our God-like image. A third position asserts a mediating role between over-zealous optimism and radical morose pessimism. [\[23\]](#)

## Technocriticism

*Technocriticism* offers the only viable theological position. By understanding technology as a modern form of idolatry we



are able to place it in a proper perspective. Technocriticism does not accept the advances of innovation and all the benefits new technology offers without critical dialogue and reflection. Technocriticism warns us that with every new invention a price must be paid. Progress is not free. With the invention of the automobile came air pollution, traffic and accidents. Computers make data more accessible, but we also suffer from information overload and a free-flow of harmful material. Cell phones enhance communication, but also operate as an electric leash, making inaccessibility virtually impossible. Examples of the negative effects of any technology can be multiplied if we cared enough to think through all the implications of progress. Technocriticism does not allow us the luxury of remaining blissfully unaware of the possible negative consequences and limitations of new inventions. This approach is essential because it demonstrates the fallibility of all technological progress and removes its divine status.

Technocriticism humanizes technology. We assert nothing more than the idea that technology expresses human nature. Technology is us! Technology suffers the same faults and failures that plague human nature. Technology is not a means of restoring our lost divine image or reasserting our rightful place over nature. This amounts to a works-based salvation and leads to dangerous utopian and millennial delusions that amount to one group imposing its grandiose vision of the perfect society on the rest. Such ideologies include Marxism, Technological Utopianism and now Transhumanism. We are restored to the divine "image of His Son" by grace through faith alone (Rom. 8:29). Technology, serving as an extension of ourselves, means that what we create will bear our likeness, both as the image-bearers of God and in sinful human identity. It contains both positive and negative consequences that only patient wisdom can sort through.

Through criticism we limit the hold technology has on our minds and free ourselves from its demands. We use technology

but do not ascribe salvific powers of redemption to it. A critical approach becomes even more crucial the further we advance in the fields of genetic engineering and AI. We do not know where these fields will lead and an uncritical approach that accepts them simply because it is possible to do so appears dangerous. We live under the delusion that technology frees us, but as Lewis warns, “At the moment, then, of Man’s victory over Nature, we find the whole human race subjected to some individual men, and those individuals subjected to that in themselves which is purely ‘natural’—to their irrational impulses.”[\[24\]](#) The famous science-fiction writer Frank Herbert echoes Lewis’s sentiments in his epic novel *Dune*: “Once men turned their thinking over to machines in the hope that this would set them free. But that only permitted other men with machines to enslave them.”[\[25\]](#) Genetic engineering or merging humanity with AI only exchanges one condition for another. We will not reach the glorified condition transhumanists anticipate. A responsible critical approach will ask, Into whose image are we transforming?

## Notes

1. C. S. Lewis, *The Abolition of Man* (New York: Macmillan, 1947), 77.
2. Ibid., 86.
3. Lewis, of course, did not originate this ancient Chinese concept but rather applied it to universally accessible principles.
4. Ibid., 56.
5. Ibid., 72
6. See [Darwin’s Racists: Yesterday, Today and Tomorrow](#) by Sharon Sebastian and Raymond G. Bohlin, Ph.D. Though the German Nazis acted out this hideous ideology to an extreme, eugenics was actually first promulgated in the United States, Germany and Scandinavia around the turn of the 20th Century.
7. Lewis, *The Abolition of Man*, 71.
8. See Dr. Ray Bohlin’s article [PBS Evolution Series](#),

especially the section entitled “‘Great Transformations’ and ‘Extinction’.”

9. Gregory Stock, *Metaman: The Merging of Humans and Machines into a Global Superorganism* (New York: Simon and Schuster, 1993), 165.

10. Ibid., 20.

11. Ibid., 228.

12. Ibid., 231.

13. Ray Kurzweil, *The Singularity is Near* (New York: Penguin, 2005).

14. Ibid., 9.

15. David Gregory, *The Last Christian*, (Colorado Springs: Waterbrook Press, 2010), 102.

16. David F. Noble, *The Religion of Technology* (New York: Knopf, 1997), 9.

17. Ernst Benz, *Evolution and Christian Hope: Man's Concept of the Future from Early Fathers to Teilhard de Chardin* trans., Heinz G. Frank (New York: Doubleday, 1966), 124-125.

18. Noble, *The Religion of Technology*, 4, 5.

19. Ibid., 14.

20. Ibid.

21. Paul Tillich, *Systematic Theology: Reason and Revelation Being and God*, Vol. 1 (Chicago: University of Chicago Press, 1951), 13.

22. FC, *The Unabomber Manifesto: Industrial Society and Its Future* (Berkeley, CA: Jolly Roger Press, 1995).

23. See Neil Postman, *Technopoly: The Surrender of Culture to Technology* (New York: Knopf, 1992), 5.

24. Lewis, *The Abolition of Man*, 79, 80.

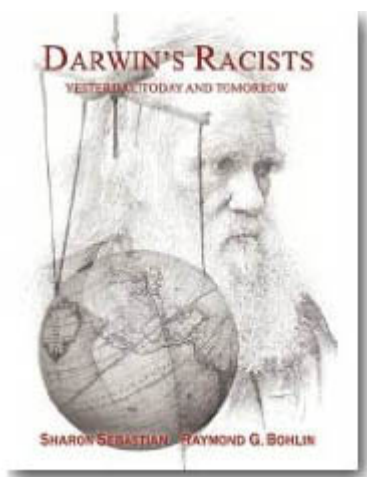
25. Frank Herbert, *Dune* (New York: Ace, 1965), 11.

# Was Darwin a Racist?

In some circles to even ask this question and impugn Darwin's integrity conjures up charges of secular blasphemy. After all, Darwin is well documented as holding views on slavery commensurate with the great William Wilberforce himself. Darwin was repulsed by any cruelty of humans on humans.

Darwin was by all accounts an affectionate husband, loving father, defender of the oppressed, and just an all round good and decent man. So how could one accuse him of racism? You simply need to read his second major work on evolution, *The Descent of Man*.

As Benjamin Wiker makes clear in his recent biographical book, *The Darwin Myth: The Life and Lies of Charles Darwin*, Darwin insisted that his theory of natural selection and evolution be understood as a purely natural and undirected process. Consequently, he could only see humans and apes as the result of a real struggle for survival. By all accounts, humans were winning. There was also a severe struggle going on between the races of man.



I recently coauthored a book with Sharon Sebastian entitled *Darwin's Racists: Yesterday, Today, and Tomorrow*. In chapter three we discuss Darwin's explanation of the differences between men and apes from *The Descent of Man*.

In Chapter 6, On the Affinities and Genealogy of Man, Darwin argues that he expected the civilized races of men to fully exterminate the savage races of men in just a few centuries. He also expected the anthropomorphous apes [Ed. note: those most like humans] (gorillas and chimpanzees) to become extinct. As a result, he believed that the gap between humans and animals would eventually be much greater than exists. Darwin postulated that this higher form of man would come from the current Caucasian race. In his book, Darwin states that the current gap between apes and humans is between the gorilla, on the ape side, and the Negro or Australian aborigine, on the human side:

The break will then be rendered wider, for it will intervene between man in a more civilized state, as we may hope, than the Caucasian, and some ape as low as a baboon, instead of as present between the Negro or Australian and the gorilla.

Darwin's foremost German disciple, Ernst Haeckel, made even more dramatic statements. According to Haeckel, if you want to draw a sharp boundary between the human races and the apes, "you must draw it between the most highly developed civilized people on the one hand and the crudest primitive people on the other, and unite the latter with the apes." Elsewhere Haeckel identifies these cruder and primitive races as the Australian aborigines and the South African Bushmen, which he says, still live in herds, climb trees and eat fruit. According to Haeckel, certain more primitive groups of "people" are more ape than human.

Darwin certainly did not invent racism. Prejudice because someone is "other" than us has always been a part of human existence. What Darwin did provide was a scientific rationale that justified racial prejudice. Implicit in Darwin's struggle for existence is that some forms of a species would be more fit for the current environment than others. From Darwin's vantage point, the Caucasian or European race was well underway to surpassing the other "human" races because of

their intelligence, culture, and superiority in war as demonstrated routinely in conflicts between Europeans and any other race or culture to that point.

Darwin's ideas were used to launch the first eugenics society in Britain headed by his cousin, Francis Galton. Darwin's son, Leonard, later served as President of the same society. Margaret Sanger drew her inspiration for what became Planned Parenthood from Darwin and saw a need to control the breeding of poorer and less fit humans.

If humans are a part of a naturalistic struggle for existence, then it logically follows that some tribes and races of humans will be more fit than others. And since with Darwin's help, we now understand this struggle, why not help it along by slowing down the breeding of those less fit? Or, as Hitler rationalized, eliminate them altogether.

To be sure, Darwin himself would likely have been horrified by the excesses of the early 20<sup>th</sup> century eugenics societies and the national excesses of Nazi Germany, Stalinist Russia, Mao's Cultural Revolution and Pol Pot's regime of extermination. But they all thought they were simply aiding and abetting the process of natural selection.

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# The Effect of Origins on

# Society

## Why Is the Subject of Origins Important?

Every worldview addresses the question, “Where did we come from?” The Christian worldview says that we are a special part of creation made in the image of God. A materialistic worldview says that we are the product of natural selection and random mutations acting on organisms. The Christian view of origins is called Creation; the materialistic view of origins is called Darwinism. The Christian worldview is based on faith in the creative work of God of the Bible. The materialistic worldview is based on faith in the creative power of natural selection acting on mutations.

There are evidences for and against these worldviews from scientific research being conducted in the areas of intelligent design, evolutionary biology, genetics, mathematics, astronomy, and many other fields. However, people will often confuse the worldview with the scientific evidence. Worldviews are a way of explaining the evidence. For example, we see that during a drought birds with longer beaks are selected over birds with shorter beaks. This is an observation. Saying that this is evidence for natural selection’s creative ability to make totally new types of creatures is an extrapolation based on a worldview. Just as there is a right and a wrong interpretation for observations, there are right and wrong worldviews. And one way to test for a worldview is whether or not it is livable.

So does your view of origins affect other areas of life than just science? Yes, these two views of origins have a profound effect on how we value people and how we view personhood and personal responsibility. Using John West’s book *Darwin Day in America* as a resource, we will look at how the materialistic worldview has trickled down into areas of society that affect

us every day.

West argues in his book that the logical end materialistic worldview leaves nothing for an ethical standard other than to survive. The materialistic worldview says that non-living chemicals came together to make genetic material which then made an organism and that organism evolved until we got human beings. This view claims that man is made from chemicals and is no more valuable than any other animal. The logical end to this perspective is that everything a man does is a result of his genes and his environment. He therefore has no choices or free will of his own. His actions are the result of natural selection acting on him. This has important consequences for how we deal with crime, personhood, the embryo, the infirmed, and education.

West says, "Darwin helped spark an intellectual revolution that sought to apply materialism to nearly every area of human endeavor. This new, thoroughly 'scientific' materialism affected the entire span of culture, from economics and politics to education and the arts".[\[1\]](#) Darwin published *Origin of Species* one hundred fifty years ago, but it is in the mid-twentieth century that we begin to see how his theory has trickled down into society.

## Crime and Responsibility

How does a materialistic worldview affect society? For one thing, a Darwinian view of man has changed our criminal justice system.

How are the courts and science related? In our culture, the scientists are the holders of truth and the courts are the arbiters of law. And while the idea that law coincides with truth is good and even biblical, the idea that scientists, and only scientists, are the ones who dictate truth is a dangerous position. If the pervading worldview in science is



materialism, then a materialistic view of man is reflected in the courts.

According to a materialistic worldview, man is the product of his genes and his environment with no real ability to act differently than what his genes and environment would have him do. If this is the case, then how can he be held responsible for his crimes? Why not just blame bad genes or a bad home life? Often this is what is argued in the courts.

West describes the crux of the problem. In order to provide protection and have an orderly society, the criminal justice system needs to punish wrong behavior. But from a materialistic worldview, there is no moral foundation for individual responsibility. A materialist perspective does not blame the individual but their genes or the way that they were raised (their environment). West outlines a history of criminals getting off in the name of very loose definitions of insanity, and other criminals undergoing treatment instead of punishment.<sup>{2}</sup> And the treatment, at times, amounts to something closer to coercion or torture.<sup>{3}</sup> Whether we are talking about being overly lenient by giving criminals excuses or coercing them to treatment, both diminish the value and dignity of the individual as a person.

The Christian view of man is that, although differences in our genetics or our environment may mean that we have different struggles or temptations than others, we are made in God's image. Therefore, just as God treats us with dignity by exacting punishment for our actions, so, too, do we treat people with inherent dignity by exacting punishment and allowing for atonement. The Darwinian view says that we are not responsible because we are a product of our genes, but it also says that we are not redeemable because we will remain flawed.

Our entire criminal justice system is based on the idea that man can be held accountable for his crimes, that he has a

choice in what he does. Furthermore, it is based on the inherent dignity that every individual has, so that a wrong done to one individual must result in the wrong-doer being punished. This maintains equal dignity and value in both individuals.{4} However, this system crumbles under a materialistic worldview.

So man is a product of his genes and his environment, a view which, taken to its logical end, has conflicting and dangerous results for exacting justice in society. Now we turn to how this view of man affects how we treat others that are different from us and how we define “normal.”

## Personhood

At the beginning of the twentieth century, during the rise of the scientific revolution, the idea of atonement for a guilty crime changed to an idea of fixing a broken machine. Criminals were treated as if they were machines with broken parts, instead of individuals with value and free will, because scientists had supposedly found a materialistic cause for crime. Something in their genetic code went wrong, so many were subjected to some kind of institutionalization or treatment. As John West points out in *Darwin Day in America*, the idea is if science can explain the problem, then science can fix it.{5} One way that scientists attempted to fix this problem was to try to breed out the bad traits. Scientists in the '30s, '40s and '50s reasoned that bad behavior, stupidity, and emotional instability were passed down from parent to child just like physical traits, and the only way to cleanse our society of these ailments was to sterilize those who carry these traits.

It began with criminals being sterilized; then it turned to those who were mentally handicapped; then those who were deemed less intelligent, poor, or unproductive in society were sterilized. In hindsight it is easy to see how this slippery

slope happened. One group changes the standards by which we value other groups. No longer is the foundation in the Judeo-Christian concept that all individuals have inherent value, but in the Darwinian concept that some are less valuable than others and deemed less worthy of life than the more “fit” in society. This was the breeding ground for what would become the eugenics movement. [Editor’s note: Eugenics is the idea that the human race can be improved by careful selection of those who mate and produce offspring. The word comes from the Greek word *eugenes*, “well-born, of good stock,” from *eu-* “good” + *genos* “birth.”]

We saw the logical end of the eugenics movement in Nazi Germany. Darwinism was not necessarily the cause for Nazi Germany, but eugenics was justified with a Darwinian view of man. This is an important picture of how one can promote one’s worldview (and one’s prejudices) in the name of science. Darwinism allows for race discrimination and even genocide. As West points out, “Historically speaking, the eugenics movement is important because it was one of the first—and most powerful—efforts to use science to expand the power of the state over social matters. Eugenists claimed that their superior scientific knowledge trumped the beliefs of nonscientists, and so they should be allowed to design a truly scientific welfare policy.”[\[6\]](#)

Today this attitude is still seen when doctors, lawyers, and family members evaluate individuals based on their physical abilities and their cost to society. Oftentimes individuals are assessed based on their perceived “quality of life.” Unfortunately, this usually reflects what the doctor, lawyer, or family member would hate to have happen to themselves than the actual desires of the individual in question. Judging others unworthy of life based on physical features or capabilities ignores the inherent value and dignity God has given man as being made in His image.

# The Beginning and End of Life

We have looked at how a society that promotes a materialistic worldview results in a degraded view of personhood. This degraded view includes basing a person's value on how well they physically function and how much they cost society. However, from a Christian view, humans were created with a purpose and in the image of God. They have inherent value beyond their physical bodies.

How does a Darwinian view of man's origin affect the way we look at the most vulnerable in society—the embryo and the aged or infirmed?

West traces a historical record of the legalization of abortion and demonstrates why we have the debate about embryonic stem cell research today.<sup>{7}</sup> Darwinism is not the cause of the legalization of abortion and destruction of embryos, but it provided an ideology that allowed people to justify it. It began with a scientist named Haeckel who influenced Darwin. Haeckel discussed how all embryos go through stages of development and how the earliest stages look very similar to each other. In his famous drawings, he shows how a human embryo goes from a small fish-like creature that looks similar to other animal embryos, to a human-looking embryo. He said that the fetus goes through a mini version of evolutionary development.<sup>{8}</sup>

What conclusions were drawn from this? If the fetus is no more than a fish, then it is as ethical to discard it as it would be to discard a fish. The only problem with this idea is that it is now well-documented that Haeckel's drawings were faked, and the similarities were more contrived than real. Despite this finding, people still latched on to the concept and refused to accept that the fetus does not go through evolutionary stages. It is from this concept that many justify early stage abortion and embryonic stem cell research; the clump of cells or the mass does not look human.<sup>{9}</sup> This is an

example of basing a person's value on their physical appearance and function.

Today we not only see this idea played out in the unborn, but also in the elderly and the infirmed. Many family members and doctors elect to end someone's life because they have deemed them less valuable. Again, the basis of this is on how well they physically function. One group is putting value on another group.

Both of these examples demonstrate how our culture has bought into a materialistic worldview which devalues the person that does not have certain physical characteristics. As Christians we value human life and believe that the embryo, the aged, and the infirmed have inherent dignity despite how they might function or appear.

## Education

We have been looking at how a Darwinian view of man led to a slow and steady dehumanization of man. Our view of origins affects other areas of life as well. In this section, we will address how a Darwinian view of man has influenced how we educate our children. A Darwinian view says that there is no absolute authority; there is merely survival of the fittest. In academics that means teaching based on what works, not on what is right.

One of the biggest influences on our educational system, both in public and private schools, has been John Dewey. As Nancy Pearcey points out in her book *Total Truth*, Dewey thought education should be like biological evolution where students construct their own answers based on what works best. Pearcey calls this "a kind of mental adaptation to the environment."[\[10\]](#) It is easy to see how this leads to moral relativism. Students are not taught character or values. Instead, they learn that an idea or a concept is deemed

valuable if it works, not if it is right. Teachers are taught in certification classes to guide students along and help them to come up with their own moral code. Teachers are not allowed to punish students for wrongdoing, because they have no moral basis to do so, but are still expected to have an orderly classroom. In some cases teachers are not permitted to give a failing grade to a student who is genuinely failing. Also they are not permitted to give A's to good students for fear that they may not continue putting forth effort. Students are stripped of the concept of an objective standard or absolute morals, and by the time they are high school seniors, they are more educated in how to play the system than in reading, writing, or arithmetic. This is the very fruit of Dewey's pragmatism, and it continues through the university level. When students are stripped of any set of beliefs and a moral foundation, they are left empty and ready to be filled with the pervading worldview of academia. What we end up with is a fully indoctrinated student with a materialistic worldview.{11}

Contemporary materialism's view of origins, known as Darwinism, has profound effects on our society. As Christians we need to be a light unto the world by showing that human beings are more than their genes and environment, that they have inherent value, and that there are moral foundations beyond survival of the fittest.

## Notes

1. John West, *Darwin Day in America* (Wilmington, DE: ISI Books, 2007), 41-42.
2. Ibid., 73.
3. Ibid., 79-101
4. For a good article on capital punishment and human dignity see Kerby Anderson, "Capital Punishment," Probe, 1992, [www.probe.org/capital-punishment/](http://www.probe.org/capital-punishment/).
5. West, *Darwin Day*, 80.
6. Ibid., 162.

7 . Ibid., 325-335.

8. See Jonathan Wells, *Icons of Evolution* (Washington, DC: Regency Publishing, 2000), chap. 5.

9. Ibid., 330.

10. Nancy Pearcey, *Total Truth* (Wheaton, IL: Crossway Books, 2005), 239.

11. See Don Closson, "Humanist Psychology and Education" Probe, 1991, [www.probe.org/humanistic-psychology-and-education/](http://www.probe.org/humanistic-psychology-and-education/); Closson, "Grading America's Schools," Probe, 2002, [www.probe.org/grading-americas-schools/](http://www.probe.org/grading-americas-schools/); and Kerby Anderson, "Cultural Relativism," Probe, 2004, [www.probe.org/cultural-relativism/](http://www.probe.org/cultural-relativism/).

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